



# SOUTH AMERICA

## AIRWAY MANUAL

Issue Date 26 SEP 19

Regions covered in the E-AWM South America coverage are:

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ARGENTINA  
ARUBA  
BAHAMAS  
BARBADOS  
BELIZE  
BERMUDA  
BOLIVIA  
BRAZIL  
CAYMAN IS  
CHILE  
COLOMBIA  
COSTA RICA

CUBA  
DOMINICAN REP.  
EASTERN CARIBBEAN  
STATES  
ECUADOR  
EL SALVADOR  
FALKLAND ISLANDS  
FRENCH ANTILLES  
FRENCH GUIANA  
GUATEMALA  
GUYANA  
HAITI  
HONDURAS

JAMAICA  
MEXICO  
NETH. ANTILLES  
NICARAGUA  
PANAMA  
PARAGUAY  
PERU  
SURINAME  
TURKS AND CAICOS IS  
URUGUAY  
US CARIBBEAN  
TERRITORIES  
VENEZUELA

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# Change Notices



# Change Notices

## Chart Change Notices

**LATIN AMERICA**

Jeppesen CHART CHANGE NOTICES highlight only **significant** changes affecting Jeppesen Charts, also regularly updated at [www.jeppesen.com](http://www.jeppesen.com).

**IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.**

**ENROUTE CHARTS**
**GENERAL**
**CUBA**

Procedure note for Havana Jose Marti Intl Apt chgd to read as follows:

'Acraft bound for Jose Marti Intl should contact Boyeros Radio on freq 126.9 MHz not more than 40 minutes and not less than 20 minutes before arrival to communicate ETA.' **MUHA.**

**DOMINICAN REPUBLIC**

Enroute charted note within Santo Domingo FIR revised as follows:-

All controlled flights must contact at least ten minutes prior to enter Santo Domingo FIR, on the assigned frequency to the corresponding control unit of the sector of the proposed route.

When flying northbound from Santo Domingo FIR, contact Miami Center 10 minutes prior to crossing the Miami FIR boundary when overflying SEKAR, LERED, POKEG or ASIVO on 126.45, or over MALVN on 123.77.

**PUERTO RICO**

ATS routes L327, L329, L335 established in the vicinity of San Juan, Puerto Rico (SJU). For details see Graphic Notam LA-301. **TJSJ.**

**BAHAMAS IS**
**ATS ROUTES changed:**

M348 estbld Great Inagua (ZIN) NDB - MEDKO, Cuba RNAV CRP (N21 13.3 W074 26.6) 300°/119°, 46 NM. **H/L-7/2C.**

UL599 BYGON coords revised (N20 30.3 W073 50.0) BYGON - DAVOL 237°/055° 150 NM, MEA FL250. **H/L-7.**

LEONARD M THOMPSON CTR estbld. A circle of 15 NM radius centered on Leonard M Thompson apt MYAM. Altitudes GND - 1500 AGL. Class 'E'. Times of operation H24. **MYNN.**

MARSH HARBOUR CTA withdrawn (centered at Marsh Harbour apt MYAM). **MYNN.**

**BRITISH VIRGIN IS**

TERRANCE B LETTSOME, Br Virgin NDB (BFI) decmsnd. **TJSJ, H/L-10/5D, H/L-7/3D, H/L-8/7A.**

**COLOMBIA**
**ATS ROUTES changed:**

UA319 segment Tabogo I VOR (TBG) - OGRUL - AGUJA - ESKOR - NESMO - SIPOK - OSUBO - ERIKO - OROSA withdrawn. **MPTO.**

UA574 segment Tabogo I VOR (TBG) - PONPO - BPGAL - Cartagena VOR (CTG) withdrawn. **MPTO.**

UM597 estbld AGUJA - ESKOR - NESMO 051°/231°, 35/76 NM; NESMO - SIPOK - OSUBO 052°/234°, 56/21 NM, MEA FL250; OSUBO - ERIKO - OROSA 053°/234°, 83/12 NM. EFF 31 JAN 2019. **MPTO.**

**CUBA**
**ATS ROUTES changed:**

B/UB767 withdrawn Ciego De Avila VOR (UCA) - ISBEN. **MUHA.**

G/UG430 realigned, and redesign one-way S-bnd URSUS - BIBAT NCRP (N23 16.4 W078

**LATIN AMERICA**

58.6) 180°/360°, 44 NM, MEA FL60; BIBAT - Ciego de Avila VOR (UCA) 180°/360°, 76 NM, 'UCA' VOR - PUTUL 173°/354°, 125 NM. **MUHA.**

J2 ANETU NCRP established (N21 15.0 W077 08.6). HUZAR - ANETU - Baracoa NDB (UBA) 117/158 NM. **MUHA.**

M/UM346 estbld CANOA - ULARI NCRP (N23 22.3 W086 00.0) 262°/079°, 167 NM, MEA FL60. OPPOSITE Cruise Levels. **MUHA.**

M218 ENAMO - VIKRO MEA FL100. **H/ L-7/1BD.**

R630 IBSEN - ULBAS - Ciego De Avila VOR (UCA) 047°/229°, 94/26 NM, MEA FL60 Even levels. UMIMI - ENAMO 049°/229° 42 NM. **MUHA.**

U/A301 withdrawn URSUS - Ciego De Avila VOR (UCA). **MUHA.**

U/L795 realigned one-way SE-Bnd BIBAT - BEXEN 149°/330°, 38 NM. **MUHA.**

UG448 IKBIX NCRP (N24 00.0 W081 14.0) - XOPLI NCRP (N22 38.9 W081 24.1) 192°/012°, 81 NM; XOPLI - Cayo Largo Del Sur VOR (UCL) 192°/012°, 63 NM. **MUHA 10-1.**

UL780 realigned one-way S-BND URSUS - TASNO - HUZAR - ULBAS 112/15/11 NM Odd levels; bi-directional ULBAS - ULISU 28 NM. PIGBO withdrawn. **MUHA.**

UM330 ISBEN - ULBAS - Ciego De Avila VOR (UCA) 047°/229°, 94/26 NM, MEA FL250, Even levels. UMIMI - ENAMO 049°/229° 42 NM. **MUHA.**

UM348 estbld along J1 Vander VOR (UVA) - CIRLE - Jardines Del Rey VOR (UCJ) 99/79 NM. **MUHA.**

V/UV106 redesign one-way E-bnd NUDAL - FRANT(N22 W084). **H/L-3, H/L-4, MMUN.**

Z465 & UZ465 FUNDI & ALVEK NCRP chgd to CRP. **MUHA 10-1.**

GERONA NDB (UNG) withdrawn. **10-1.**

Gerona NDB (URC) decmsnd (N22 W083). **MUHA 10-1.**

GERONA VORDME comsmd. Ident 'UNG', freq 115.3, coords at N21 50.1 W082 46.9. **MUHA.**

LAS TUNAS -Hermanos Ameijeiras redesign VFR (N21 W077). **H/L-7.**

Las Tunas NDB (UVT) decmsnd (N21 W077). **LA H/L-7/1D.**

**DOMINICAN REPUBLIC**
**ATS ROUTES changed:**

L/UL464 realigned Puerto Plata VOR (PTA) - LERED 021°/201° 39 NM. **MDPP.**

L450 MOGAM - VITOB 93 NM, SUTEM withdrawn. **MDSD.**

L450 ROLSO withdrawn. SEKAR - KEBAL 114 NM. **MDSD, MDPP.**

L577 estbld ANTEx - GOSUL 280°/099°, 45 NM, MEA 4000; GOSUL - La Romana VOR (LRN) 280°/099°, 7 NM; 'LRN' VOR - Punta Caucedo VOR (CDO) 280°/099°, 43 NM. **TJSJ, MDSD.**

M596 realigned ETBOD - BEPAL 055°/235°, 43 NM, MEA 14000; BEPAL - POBIN 055°/235°, 31 NM; POBIN - RESOR 055°/236°, 13 NM; RESOR - Puerto Plata VOR (PTA) 056°/236°, 18 NM, MEA 7000; 'PTA' VOR - PISOS 060°/241°, 30 NM, MEA 5000; PISOS - POKEG 060°/241°, 8 NM. **MDPP.**

M597 estbld PALAS - KATIN 056°/236°, 30 NM, MEA 4000; KATIN - RAGUS 056°/236°, 29 NM; RAGUS - GABRA 056°/237°, 53 NM; GABRA - POLUX 057°/237°, 18 NM; POLUX - LECKY 057°/237°, 14 NM; LECKY - Punta Caucedo VOR (CDO) 057°/237°, 18 NM; 'CDO' VOR - BIBOK 059°/239°, 29 NM; BIBOK - GABOK 059°/239°, 3 NM, MEA 7000; GABOK - BETUM 059°/239°, 18 NM; BETUM - PIXAR 059°/239°, 13 NM; PIXAR - BETIR 060°/240°, 18 NM. **MDSD.**

The following new upper routes estbld within Santo Domingo FIR:

## LATIN AMERICA

- UW9 estbld along W9 La Romana VOR (LRN) - MELLA.
- UW10 estbld along W10 ASIVO - PIXAR - Punta Cana VOR (PNA).
- UW24 estbld along W24 Santiago VOR (SGO) - KODIX - La Romana VOR (LRN).
- MDSD, MDPP.**
- U/G446 segment BESAS - KOBET withdrawn. PELSO withdrawn. **MDSD, MDPP.**
- U/T18 estbld JUELE - DATUN 179°/359° 30 MEA 6000. **MDPP.**
- UA319 withdrawn PALAS - BETIR. **MDSD.**
- UB520 withdrawn Cabo Rojo VOR (DCR) - ANTEX. **TJSJ, MDSD.**
- UL216 established El Catey (DCY) VOR - FIDEL CRP (N19 31.7 W069 54.2) - LERED 340°/160°, 18/61 NM. **MDSD.**
- UL216 estbld El Catey VOR (DCY) - GABIM 172°/352°, 43 NM, MEA FL195; GABIM - POKAK 172°/353°, 163 NM. **MDSD.**
- UL216 withdrawn El Catey VOR (DCY) - LERED. FIDEL withdrawn. **MDSD 10-1, MDPP 10-1.**
- UL339 estbld SEKAR - Puerto Plata VOR (PTA) 173°/353°, 41 NM, MEA FL195; 'PTA' VOR - KARUM 174°/355°, 234 NM. **MDSD.**
- UL349 estbld SATOE - ARIAS CRP (N17 46.5 W069 22.5) 287°/105°, 79NM, MEA FL195; ARIAS - IDACO CRP (N17 50.8 W070 22.3) 285°/105°, 57NM; IDACO - Cabo Rojo VOR (DCR) 285°/104°, 73NM. **MDSD.**
- UL377 DUTAV withdrawn. OSIDU - KEBAL 86 NM. **MDSD, MDPP.**
- UL577 revised ANTEX - Punta Caucedo VOR (CDO) 281°/100°, 95NM, MEA FL195; 'CDO' - -HOFER -ETBOD 283°/102°, 28/99NM. **MDSD.**
- UM596 realigned ETBOD - BEPAL 055°/235°, 43 NM, MEA FL195; BEPAL - POBIN 055°/235°, 32 NM; POBIN - Puerto Plata VOR (PTA) 055°/236°, 31 NM;; 'PTA' VOR - POKEG 060°/241°, 38 NM. **MDPP.**
- UM597 estbld PALAS - KATIN 056°/236°, 30 NM, MEA FL195; KATIN - RODBU 056°/236°, 32 NM; RODBU - GABRA 056°/236°, 49 NM; GABRA - VOGAR 057°/237°, 25 NM; VOGAR - Punta Caucedo VOR (CDO) 057°/237°, 25 NM; 'CDO' VOR - GABIM 059°/238°, 14 NM; GABIM - PIXAR 059°/240°, 50 NM; PIXAR - BETIR 059°/240°, 18 NM. **MDSD.**
- UT09 withdrawn SEKAR - KATOK. **MDSD, MDPP.**
- UW7 withdrawn Puerto Plata VOR (PTA) - BEROX. **MDPP.**
- UW28 estbld Punta Cana VOR (PNA) - DEMBU CRP (N18 56.1 W069 04.9) 311°/131°, 45 NM, MEA FL195; DEMBU - PETRI 311°/131°, 41 NM; PETRI - El Catey VOR (DCY) 285°/105°, 2 NM; DCY VOR - Puerto Plata VOR (PTA) 313°/133°, 55 NM. **MDSD, MDPP.**
- W8 realigned Puerto Plata VOR (PTA) - LERED 021°/201° 39 NM. **MDPP.**
- W33 realigned Higuero VOR (DHG) N18 34.3 W069 59.0 - El Catey VOR (DCY) 029°/209°, 44NM, MEA 6000'. **MDSD.**
- W34 realigned Higuero VOR (DHG) N18 34.3 W069 59.0 - TUBAL 216°/036°, 20NM, MEA 5000'. **MDSD.**
- W35 realigned Higuero VOR (DHG) N18 34.3 W069 59.0 - OKOSO 256°/076°, 35NM, MEA 8000'. **MDSD.**
- W36 realigned Higuero VOR (DHG) N18 34.3 W069 59.0 - KODIX 356°/176°, 35NM, MEA 5000'. **MDSD.**
- Y315, UY315 MAPEP NCRP estbld (N18 58.5 W068 23.4) CHUMA-MAPEP 191°/011°, 15 NM, 4000 MEA; MAPEP-Punta Cana VOR (PNA) 24 NM. **MDSD.**



**LATIN AMERICA**
**EL SALVADOR**
**ATS ROUTES changed:**

H/UH225 redesign STANDARD cruise levels El Salvador VOR (CAT) - NAGEL. **MSLP.**

H225 El Salvador (CAT) VOR - ATUMA MEA 13000. **MSLP.**

R/UR890 GALAN - TUKOR (N12 53.3 W087 48.9) 51 NM; TUKOR - ALTEG CRP (N12 34.7 W 087 58.4) 206°/026°, 21 NM. **MHTG.**

R635 Ilopango VOR (YSV) - AMESA MEA 10000'. **MSLP.**

UH225 El Salvador (CAT) VOR - ATUMA MEA 20000. **MSLP.**

UR883 withdrawn El Salvador VOR (CAT) - AMUVO. **MSLP.**

DANGER AREA MS(D)-4 withdrawn ( W of Ilopango VOR (YSV)). **MSLP.**

EL SALVADOR CTR. Altitudes GND - 3000'. **MSLP.**

**GUATEMALA**
**ATS ROUTES changed:**

G757 D014A, D194J, D042J withdrawn. Aurora VOR (AUR) - SERLA 70NM, MEA 11000'; TUCAN - Mundo Maya VOR - AMARU 25/25 NM, MEA 4000'. **MGGT.**

G765 D027Z withdrawn. RIDEM - Aurora VOR (AUR) 70NM, MEA 11000'. **MGGT.**

POPTUN NDB (POP) decmsnd (N16 19.5 W089 25.3). TIKAL NDB (TKL) decmsnd (N16 54.8 W089 52.0). Eff 10 Oct 19. **HL-2.**

R/UR644 ARATI CRP (N14 47.5 W089 54.1), ENALO CRP established (N15 01.6 W089 13.0). La Aurora VOR(AUR) - ARATI - OTRUS - ENALO 39/31/11 NM. **MGGT.**

R/UR644 URSAT renamed TIDER. **MGGT.**

UA770 ROSAM CRP established (N14 21.7 W090 10.0). La Aurora VOR (AUR) - ROSAM - MEGAL 25/30 NM. **MGGT, MSLP.**

UZ637 La Aurora (AUR) VOR - EMUSI MEA FL200. **MGGT.**

W2 AMUDA WITHDRAWN. La Aurora VOR (AUR) - ILIDA 70 NM. **MGGT 10-1.**

W2 OMADI NCRP estbld (N14 55.5 W089 56.9) La Aurora VOR (AUR) - OMADI - ILIDA 40NM/30NM. **MGGT.**

W2 OMADI renamed AMUDA. **MGGT.**

W3/UW3 ERDEK NCRP estbld (N15 09.6 W090 51.8) La Aurora VOR (AUR) - EDREK - ULEBI 40NM/30NM. **MGGT.**

Z637 established La Aurora VOR (AUR) - EMUSI 045°/225°, 70NM MEA 11000, Even levels. **MGGT.**

AURORA CTR upper limit 3500' AGL. **MGGT.**

LA AURORA CTR chgd to a circle with 12 NM radius centered on La Aurora VOR (AUR). **MGGT.**

LA AURORA TMA vertical limits: 4000' - 19500' MSL. **MGGT.**

**HAITI**
**ATS ROUTES changed:**

A/UA636 ONGAN NCRP estbld (N20 14.9 W071 49.1). RETAK - ONGAN - TUMAR 8/3 NM. **MDPP.**

G444 BOTES - ONGAN NCRP (N20 14.9 W071 49.1) 204°/024°, 10 NM MEA 7500', ONGAN - SEPTO NCRP (N19 38.7 W071 58.4) 37 NM, SEPTO - KATLU NCRP (N18 52.3 W072 10.3) 48 NM. **MDPP.**

G444W estbld BOTES - TUMAR - Cap-Haitien VOR (HCN) 220°/040°, 10/38 MEA 7500. **MDPP.**

L/UL212 SEPTO NCRP estbld (N19 38.7 W071 58.4). SINKA - SEPTO - ONPAD 54/13 NM. **MDPP.**

L337 estbld BODLO - SEPTO NCRP (N19 38.7 W071 58.4) - OSIDU 138°/318°, 74/21 NM, MEA 7500'. **MDPP.**

UG444 BOTES - ONGAN NCRP (N20 14.9 W071 49.1) 204°/024°, 10 NM MEA FL245, ONGAN - SEPTO NCRP (N19 38.7 W071

**LATIN AMERICA**

58.4) 37 NM, SEPTO - KATLU NCRP (N18 52.3 W07210.3) 48 NM. **MDPP**.  
 UL337 SEPTO NCRP estbld (N19 38.7 W071 58.4). BODLO - SEPTO - OSIDU 74/21 NM. **MDPP**.

**HONDURAS**
**ATS ROUTES changed:**

B500 redesignated H225 La Mesa VOR (LMS) - TIRNA - NAGEL - ATUMA - El Salvador VOR (CAT). **MHLM, MSLP**.

The following airways redesign OPPOSITE Cruise Levels within Central America FIR (MHTG): UA770, UL471, UZ637, UZ514, UB500, UM328, UZ403, UZ751, UL345, UR644, UG877, UB767, UB520, UZ894, UZ762. **MGGT, MHLM**.

UA502 standard cruise levels Toncontin VOR (TNT) - POXON. **MHTG**.

UA770 ROSAM withdrawn. La Aurora VOR (AUR) - MEGAL 55NM. **MGGT**.

UB500 redesignated UH225 La Mesa VOR(LMS) - TIRNA - NAGEL - ATUMA - El Salvador VOR (CAT). UB500 segments PISIS - MITOL- OMIRO - MELDA - Rotan VOR (ROA) - UTILA - RUBRA - La Mesa VOR (LMS) withdrawn. **MHLM, MSLP**.

UG436 redesignated UZ512 LIXAS - Liberia VOR (LIB). UZ512 established Liberia VOR (LIB) - LINAS NCRP 338°/158°, 30 NM MEA FL200; LINAS - IMOLA CRP 339°/159°, 10 NM; IMOLA - Managua VOR (MGA) 338°/158°, 60 NM; (MGA) - ILESU CRP (N13 03.9 W086 33.7) 60 NM; ILESU - TALAG CRP 89 NM; TALAG - KORTI CRP 340°/160°, 108 NM; KORTI - Belize VOR (BZE) 90 NM.

**MHTG, MHLM**.

UG439 redesignated UM328 ORRAL NCRP (N10 14.3 W085 19.3) - PELDA NCRP (N09 01.9 W084 33.7) 148°/328°, 85 NM. **MROC**.

UH225 chgd to bi-directional LA MESA (LMS) VOR - ATUMA (N14W008). **MHLM**.

UW1 redsig OPPOSITE Cruise Levels MODER - San Jose VOR (SJO). **MGGT**.

UZ514 established TALAG CRP - PABEL CRP 027°/210°, 405 NM MEA FL200. **MHTG**.

UZ894 established PESTO - BIRLO CRP (N16 54.3 W083 59.1) 254°/072°, 118 NM MEA FL200; BIRLO - PENRU 252°/068°, 292 NM. **MHLM**.

CARIBBEAN MARITIME CTA established. An irregular shaped-area bounded on the north by Central American FIR running south approx on longitude W087 20 to latitude N17 00 and continue to 40 NM NE of Puerto Cabezas VOR (PZA). Then continue north-bound along the Central American FIR. Lateral limits 3000' - 8500' Class F and 9000' - FL195 Class D. **MMUN**.

Toncontin Intl CTR Airspace chgd to a circle with 10 NM radius centered on Toncontin Intl airport (MHTG). **MHTG**.

TONCONTIN INTL CTR chgd to Class 'D' airspace. **MHTG**.

**JAMAICA**

MANLEY DME (MLY) decmsnd (N18 W076). **H/L-4, MKJP, H/L-7, H/L-8**.

MANLEY (MLY) VORDME decmsnd. **MKJP, H/L-7, H/L-8**.

**MEXICO**
**ATS ROUTES changed:**

J42 ANEGU renamed ILURA. **MMGL**.

J141 OBRUG CRP (N21 47.0 W105 41.5) estbld. XUBUD - OBRUG - KENDU 58/50 NM. **MMGL**.

UJ11/V61 LIVRI NCRP established (N21 10.9 W102 45.8). Aguascalientes VOR (AGU) - LIVRI - Guadalajara VOR (GDL) 40/50 NM. **MMGL**.

UJ12/V3/V5 VOLUX NCRP established (N20 52.0 W103 53.2). Tepic VOR (TNY) - VOLUX - TIKIT 63/8 NM. **MMGL**.

## LATIN AMERICA

UJ12/V5 OVALI NCRP (N20 22.5 W102 48.2) and LONKU NCRP (N20 16.5 W102 27.9) estbld. Mileages:

Guadalajara (GDL) VOR - OVALI 30NM

OVALI - LONKU 20NM

LONKU - VOGAS 23 NM. **MMGL.**

UJ12S estbld Guadalajara VOR (GDL) - NUBIG NCRP (N20 42.0 W103 48.6) 284°/104°, 30NM MEA FL200; NUBIG - NOTUP CRP 284°/104° 26NM; NOTUP - Tepic VOR (TNY) 308°/128° 47NM. **MMGL 10-1.**

UJ14, KEDIX CPR estbld (N21 17.7 W106 18.5) ROBBO - KEDIX - SEKEV 53/50NM. **MMGL 10-1.**

UJ48 IGILA CRP established (N22 21.7 W108 40.2). DUVIT - IGILA - XOSPU 53/192 NM. **MMGL.**

UT4 BOBDI CRP established (N21 22.8 W105 44.8) SILMA - BOBDI - BEXOL 25/59NM. **MMGL.**

UT44 estbld Monterrey VOR (MTY) - URSUR - KERGA 169°/348° 30/20 NM; KERGA - AXEDO - VOLER 205°/031° 100/82 NM; VOLER - TEVON - Aguascalientes VOR (AGU) 211°/027° 32/18 NM; (AGU) VOR - MEZCA - LIVRI - Guadalajara VOR (GDL) 212°/032° 30/10/50 NM. **MMGL.**

UT73 estbld one-way NW-Bnd Vallarta VOR (PVR) - SILMA - BOBDI 318° 25/25NM; BOBDI - TENAY - SHAWA 292° 175/20NM; SHAWA - BALCE - Cabos VOR (SJD) 281° 25/25NM. **MMGL.**

UT75 estbld along UJ48 Lucas VOR (CSL) - OLUVU - DUVIT - ILIGA 108°/288° 16/9/53NM, ILIGA - KENIX - SEKEV - Vallarta VOR (PVR) 146/50/20NM. **MMGL.**

UT76 estbld along V26 Monterrey VOR (MTY) - URTOB - BEROB - Concepcion VOR (CDR) - EMUDA - Zacatecas VOR (ZCL) - MITIN - RABIL - GOYAS - Guadalajara VOR (GDL). **MMGL.**

V1 USBAK established (N19 36.9 W104 46.3) Manzanillo VOR (ZLO) - USBAK - OBVIX 30/20NM. **MMGL.**

V3S estbld Guadalajara VOR (GDL) - NUBIG NCRP (N20 42.0 W103 48.6) 284°/104°, 30NM MEA 14000; NUBIG - NOTUP CRP 284°/104° 26NM; NOTUP - Tepic VOR (TNY) 308°/128° 47NM. **MMGL 10-1.**

V32 JASTO NCRP established (N20 44.9 W102 27.4). XORID - JASTO - Leon VOR (BJX) 20/56 NM. **MMGL.**

V61/J25 TABGO NCRP estbld at N19 52.1 W103 27.2. Mileages:

Guadalajara (GDL) VOR - TABGO 40NM

TABGO - Colima (COL) VOR 36NM. **MMGL.**

V61W GRUSI NCRP estbld (N21 16.8 W102 56.0). GOYAS - GRUSI - Aguascalientes VOR (AGU) 16/43 NM. **MMGL.**

PUERTO VALLARTA CTR upper limit 9200' MSL. **MMGL.**

PUERTO VALLARTA TMA changed in part: sectors 10 and 25 NM replaced by a circle 50 NM radius centered on Puerto Vallarta (PVR) VOR. Altitudes 1300' MSL - FL235, lower limit is 500' below the altitude of each MVA sector. From 50 - 70 NM 3500' MSL - FL235, lower limit is 500' below the MEA or 500' below the arrival procedure. **MMGL.**

PUERTO VALLARTA TMA northern portion extended to a 70 NM radius centered on Vallarta VOR (PVR), and now contains airways V3-5 and UJ12 Tepic VOR (TNY) - to Guadalajara TMA. **MMGL.**

## PANAMA

## ATS ROUTES changed:

U/G437 withdrawn Taboga VOR (TBG) - DUXUN. **MPTO 10-1.**

UB510 Taboga VOR (TBG) - La Palma VOR (PML) - KUBEK withdrawn. **MPTO.**

UB510 withdrawn Taboga VOR (TBG) - COLBY. **MPTO 10-1.**

## LATIN AMERICA

UG434 redesignated UL347 Taboga VOR (TBG) - TIMRO - EKENA - KASOR 022°/202°, 187/111/89 NM, MEA FL200. **MPTO 10-1.**

UL335 estlbd Taboga (TBG) VOR - PONPO CRP (N09 16.2 W078 12.0) - BOGAL 074°/254° 86/50NM. **MPTO.**

UM538 Taboga VOR (TBG) - PUDAK withdrawn. **MPTO.**

UM542 estlbd Taboga VOR (TBG) - MIKUS - DAGAS - COLBY 013°/194°, 99/73/204 NM, FL200 MEA. **MPTO.**

UM542 estlbd Taboga VOR (TBG) - RODAX CRP (N07 46.0 W079 47.7) - DABON CRP (N06 25.2 W080 05.9) 197°/017° 63/82NM MEA FL200; DABON- TINPA CRP (N04 30.3 W080 30.9) 117NM. **MPTO.**

UM597 estlbd Taboga VOR (TBG) - AGUJA 048°/228°, 182 NM, FL200 MEA. **MPTO.**

UP790 estlbd Taboga VOR (TBG) - KUBEK 112°/294° 147NM MEA FL200. **MPTO.**

BOCAS DEL TORO (BDT) VOR unserviceable till 31 DEC 19. **MPTO 10-1A.**

BOCAS DEL TORO, -apt renamed Jose Ezequiel Hall. **MPTO 10-1A.**

DANGER AREAS MP(D)-21 and 22 withdrawn (NW of Santiago VOR (STG)). **MPTO.**

RESTRICTED AREA MP(R)-24 withdrawn (SE of Taboga Island VOR (TBG)). **MPTO.**

**PANAMA FIR**

BOCAS DEL TORO, -apt renamed Jose Ezequiel Hall. **MPTO 10-1A.**

**PUERTO RICO****ATS ROUTES changed:**

L327 established SCAPA, Puerto Rico - SAULT (N20 22.0 W064 16.0) 046°/229°, 328 NM MEA 18000; SAULT - OPAUL 029°/209°, 92 NM. **TJSJ.**

L335 established SCAPA, Puerto Rico - TRNKY 070°/253°, 292 NM MEA 18000; TRNKY - OBIKE 98 NM. **TJSJ.**

Y421 estlbd MEEGL RNAV NCRP (N18 29.3 W067 10.3) - HARBG 322°/141°, 130NM MEA 18000; HARBG - HAGIT RNAV NCRP (N21 34.7 W071 01.9) 324°/142°, 156NM. **MDSD.**

CHUMA RNAV NCRP estlbd at N19 13.3 W068 23.5. **MDSD.**

**TRINIDAD****ATS ROUTES changed:**

UA555 DUNTA NCRP redesign CRP. **H/L-8/ N15W062.**

UL462 OMIKI CRP estlbd (N15 30.9 W061 03.0). V.C. Bird VOR (ANU) - OMIKI - ETBIG 106/143 NM. **H/L-8/8A.**

UL576 NOSOB CRP estlbd (N11 14.4 W056 42.2). PIPUV - NOSOB - ROVBA 33/115 NM. **H/L-8/8D.**

UL695 KANUN - LESUD - BOXIT 54/202 NM. **LAHL-8/8B.**

UM791 Grantley Adams (BGI) VOR - PIPUV - DOLRO 224/138 NM (N09 W054). **LAHL-8/8D.**

**TURKS IS****ATS ROUTES changed:**

L464 RNTRY - LERED 215°/035° 28 NM, MEA 4000'. **H/L-9/2C,D, H/L-7/2D.**

W39 & UW39 MALVN coords N20 25.0 W071 23.6. **MDPP 10-1.**

**UNITED STATES OF AMERICA****ATS ROUTES changed:**

A301/R628 ZOLLA, Offshore Atlantic NCRP chgd to CRP. **MUHA.**

BR1L BARTS, Bahamas - MAMML 123°/308°, MAMML - DIAZZ 129°/309°; COBBL - LOGVN 129°/310°; BRRGO - AVNEY 126°/

**LATIN AMERICA**

- 322°, AVNEY - BENIE 142°/321° (N25 W077). **MYNN, H/L-9, H/L-7.**
- BR10L HAANA, Bahamas - MRRSH 139°/319°, MRRSH - BNTTZ 160°/340° (N26 W077). **MYNN, H/L-7.**
- L216 estbld Grand Turk VOR (GTK) - LERED CRP (N20 23.9 W070 27.1) 336°/156°, 73NM MEA 2000', MAA 45000. **MDPP.**
- V295 HEATT, Fla - BLUFI MEA 6000' (N26 W079). **KMIA, MYNN.**
- Y196 estbld CANOA - LULLS NCRP (N24 28.9 W081 57.6) 069°/250°, 66NM, MEA 18000'; LULLS - TUNSL NCRP (N24 54.0 W081 31.0) 049°/230°, 35NM. **MUHA.**
- Y217 estbld ZEUSS NCRP (N24 00.0 W078 47.8) - OCTAL NCRP (N26 09.0 W080 06.6) 338°/157°, 147NM, MEA 18000'. **MUHA.**
- Y261-308-586-589 estbld FOWEE - FOXID NCRP (N24 35.4 W078 30.2) 126°/307°, 43NM, MEA 18000'. **MUHA.**
- Y262 estbld Freeport VOR (ZFP) - SAXXN NCRP (N25 45.1 W080 05.3) 245°/064°, 89NM, MEA 18000'; SAXXN - LINEY NCRP (N25 16.7 W080 53.3) 244°/063°, 52NM, LINEY - GOPEY NCRP (N25 09.5 W081 05.3) 243°/063°, 13NM; GOPEY - BRIES NCRP (N25 03.9 W081 14.6) 10NM; BRIES - TUNSL NCRP (N24 54.0 W081 31.0) 18NM; TUNSL - LULLS NCRP (N24 28.9 W081 57.6) 230°/049°, 35NM; LULLS - MAXIM 232°/052°, 42NM. **MUHA.**
- Y280 estbld JAYMC NCRP (N26 58.9 W081 22.1) - WOPOK NCRP (N26 14.9 W080 15.4) 132°/313°, 74NM, MEA 18000'; WOPOK - OCTAL NCRP (N26 09.0 W080 06.6) 133°/313°, 10NM; OCTAL - CANVI NCRP (N25 59.3 W079 33.1) 115°/295°, 32NM; CANVI - PEACH NCRP (N25 25.8 W077 46.4) 116°/298°, 102NM. **MUHA.**
- Y290 estbld THMPR NCRP (N26 46.0 W082 20.4) - FEMID NCRP (N26 06.5 W081 27.4) 135°/316°, 62NM, MEA 18000'; FEMID - SAXXN NCRP (N25 45.1 W080 05.3) 112°/293°, 77NM; SAXXN - UCRAZ NCRP (N25 38.7 W079 41.4) 113°/294°, 23NM; UCRAZ - SKIPS NCRP (N25 33.2 W079 16.5) 111°/291°, 23NM; SKIPS - BITAC NCRP (N24 45.1 W077 32.3) 124°/305°, 106NM. **MUHA.**
- Y297 TOVAR NCRP (N26 33.1 W080 02.3) - UCRAZ NCRP (N25 38.7 W079 41.4) 168°/348°, 57NM, MEA 18000'; UCRAZ - URSUS 104NM. **MUHA.**
- Y319 estbld URSUS CRP (N24 00.0 W079 04.2) - Freeport VOR (ZFP) 015°/195°, 154NM, MEA 18000'. **MUHA.**
- Y325 estbld ZEUSS NCRP (N24 00.0 W078 47.8) - FOWEE 346°/166°, 60NM, MEA 18000'. **MUHA.**
- Y329 estbld Freeport VOR (ZFP) - ZEUSS NCRP (N24 00.0 W078 47.8) 190°/009°, 153NM, MEA 18000'. **MUHA.**
- Y350-399-441 estbld Bimini VOR (ZBV) - SOMEEN NCRP (N25 18.8 W078 13.3) 119°/300°, 63NM, MEA 18000'. **MUHA.**
- Y353-443 estbld SUMAC NCRP (N25 17.6 W077 21.1) - UPOKE NCRP (N25 36.1 W078 34.2) 294°/113°, 69NM, MEA 18000'; UPOKE - BAHMA NCRP (N25 56.5 W079 07.8) 312°/131°, 36NM. **MUHA.**
- Y398 estbld SAXXN NCRP (N25 45.1 W080 05.3) - UCRAZ NCRP (N25 38.7 W079 41.4) 113°/294°, 23NM, MEA 18000'; UCRAZ - SKIPS NCRP (N25 33.2 W079 16.5) 111°/291°, 23NM; SKIPS - JAGOR NCRP (N24 40.5 W077 44.1) 129°/310°, 99NM. **MUHA.**
- Y421 estbld PEACH NCRP (N25 25.8 W077 46.4) - KOUGH NCRP (N25 55.8 W078 40.8) 310°/129°, 58NM, MEA 18000'; KOUGH - CANVI NCRP (N25 59.3 W079 33.1) 282°/101°, 47NM; CANVI - OCTAL NCRP (N26 09.0 W080 06.6) 295°/115°, 32NM. **MUHA.**
- GULLF (N24 42.8 W080 52.0) and VAULT (N24 45.9 W081 00.6) , Fla RNAV NCRPs estbld. **MUHA.**

## LATIN AMERICA

GULLF, Fla withdrawn. **MUHA.**

WARNING AREA K(W)-174H established. An irregular-shaped area approx 30 NM S-N by approx 56 NM E-W beginning approx 42 NM SW of Fish Hook (FIS) NDB. Altitudes Gnd - FL700 and 5,500' MSL - FL700. **MUHA 10-1.**

WARNING AREA (W)-291 redesign (W)-291E/W. Altitudes GND-FL800. Eff 10 Oct 19. **H/L-1.**

**VENEZUELA****ATS ROUTES changed:**

UG432 withdrawn Maiquetia VOR (MIQ) - ARMUR. **SVMI.**

UN779 established ARMUR CRP (N15 32.5 W066 38.1) - SILVA CRP (N14 27.3 W066 40.3) 194°/014°, 65NM MEA FL250; SILVA - TOSOS CRP (N12 20.1 W066 50.9) 198°/018°, 127NM; TOSOS - MIDUR CRP (N11 47.0 W066 53.6) 33NM; MIDUR - MAIQUETIA (MIQ) 70NM. **SVMI.**

**TERMINAL CHARTS****TERMINAL**

**Abaco I,** (Marsh Harbour), RNAV Approach Procedures not authorized.

**Abaco I,** (Treasure Cay), RNAV Approach Procedures not authorized.

**Acapulco,** Mexico, (Gen Juan N Alvarez Intl), On (10-9S) Minimums page under CIRCLE-TO-LAND section - 'RNAV Rwy 10' changes to read 'RNP Rwy 10.'

**Aguadilla,** Puerto Rico, (Rafael Hernandez), (Series) AWOS-3 replaced with AWOS-3PT.

**Aguascalientes,** Mexico, (Jesus Teran Intl), Circling Minimums updated on the following procedures to -

CAT C - MDA(H) 6700' (588') - 1 1/2

CAT D - MDA(H) 6920' (808') - 2 1/2

(13-1) VOR DME 1 RWY 17

(13-2) VOR DME 2 RWY 17

(13-4) VOR DME 1 RWY 35

(13-5) VOR DME 2 RWY 35

(12-1) RNP RWY 17

(12-2) RNP RWY 35

**Ambergris Cay,** Caicos Is, (Ambergris Cay Intl), Airmen are advised that the Ambergris Cay Airport (12-1) RNAV (GNSS) Rwy 07 and (12-2) RNAV (GNSS) Rwy 25 instrument Flight Procedures are not authorized for use.

Airmen are advised that the Ambergris Cay Airport (Harold Charles International) has been reclassified for domestic use only until further advised.

**Anguilla I.,** Anguilla, (Wallblake), Turning bay on eastern end of runway 29 unusable due to fuel spill. All aircraft are asked to exercise extreme caution.

**Belize City,** Belize, (Philip S W Goldson Intl), RADAR added to GOLDSON Approach 121.0.

**Campeche,** Mexico, (Alberto Acuna Ongay), Campeche, Mexico Airport name change, from Alberto Acuna Ongay to ING Alberto Acuna Ongay.

**Cayo Coco,** Cuba, (Jardines del Rey Intl), Aircraft stand NR 8 closed. Men and equipment working.

From September 01th, 2019 until September 01th, 2020.

**Curacao I,** Neth Antilles, (Willemstad-Hato Intl), Work in progress on terminal building. Cranes in the area up to 275' AGL.

Downgrading of taxiway A may take place.

Backtracking on runway to taxiway C may be necessary.

**Eleuthera I,** (Governors Harbour), RNAV Approach Procedures not authorized.

**Eleuthera I,** (North Eleuthera), RNAV Approach Procedures not authorized.

Rwy 07/ 25 PAPI angle changed from 3.15° to 3.25°.



**LATIN AMERICA**

**Flores**, Guatemala, (Mundo Maya Intl), Approach frequency call sign MUNDO MAYA has changed back to TIKAL. AMD 00-19 has been revoked.

**CAUTION** - wild-life in the airport vicinity, mainly white tailed deer. Use caution on take-off, landing and ground movement.

Due to maintenance work Rwy 10 PAPI out of service.

TIKAL approach is now MUNDO MAYA approach per Guatemala - AMD 00-19 - 20 JUN 19.

TKL NDB out of service.

**Great Exuma I**, Bahamas Is, (Exuma Intl), RNAV Approach Procedures not authorized.

RNAV PROCEDURES, RNAV (GNSS) RWY 12 AND RNAV (GNSS) RWY 30, NOT AUTHORIZED.

**Holguin**, Cuba, (Frank Pais), (10-9) Taxiways A, B, and C only for military operations from 01 Sep 2019 until 01 September 2020.

**Kingston**, Jamaica, (Norman Manley Intl), MLY VOR/DME decommissioned. (13-1) VOR DME Rwy 12 suspended.

(11-1) ILS Rwy 12 Missed Apch: At the missed approach point, climb to 1000'; then turn RIGHT heading 170 degrees magnetic climbing to 4000' to 17 NM from MKJP ARP; then direct to KEYNO. Contact approach on 120.6. If unable, proceed to SALOC and hold.

IAPs available: (11-1) ILS Rwy 12, (12-1) RNAV (GNSS) Rwy12 and (12-2) RNAV (GNSS) Rwy 30.

Primary IAPs are RNAV (GNSS) Rwy 12 and RNAV (GNSS) Rwy 30.

Arrivals will be cleared to execute the RNAV approach for the active runway. For aircraft and/or flight crew not equipped or certified to complete the RNAV approaches, ATC shall provide radar vectors to intercept the final approach track for the ILS Rwy 12 approach

or to complete a visual approach. Non-RNAV equipped aircraft will be vectored to KEYNO; thereafter, execute the ILS Rwy 12 approach or Circle-To-Land Rwy 30. Non-RNAV equipped aircraft unable to execute the ILS Rwy 12 approach will be vectored for visual approach if VMC exist.

**Maicao**, Colombia, (Jorge Isaac), Rwy 28 PAPI angle 3.00°

**Merida**, Mexico, (Lic Manuel Crescencio Rejon), Airport beacon removed from all charts.

On the following procedures airway UJ18 is now UJ18-UT42 and airway UJ16 is now V16-UJ16-16W.

(11-2) ILS DME 2 OR LOC RWY 10

(13-2) VOR DME 2 RWY 10

(13-11) VOR DME 2 RWY 36

**Mexico City**, Mexico, (Lic Benito Juarez Intl), T2 ramp cannot be seen from the tower.

**Nassau**, Bahamas Is, (Lynden Pindling Intl), ZQA NDB decommissioned.

**Nueva Gerona**, Cuba, (Rafael Cabrera), Apch proc RNP Rwy 23 (12-2) and RNP Rwy 05 (12-1) : MSA at ARP MUNG changed MIM ALT from 2200FT to 3000FT.

Runway 18/36 is closed.

**Nuevo Laredo**, Mexico, (Quetzalcoatl Intl), Use Monterrey Center 127.4 when Nuevo Laredo approach control is not available.

**Panama City**, Panama, (Tocumen Intl), 10-8 APT CONSTRUCTION (TEMP) - End date of construction changed to 31 DECEMBER 2019

13-3 Missed approach fix DIEGO DME distance changed from D21 to D21.3 from TUM VOR.

ALS (345m) added to RWY 21R.

Until DECEMBER 31, 2019 threshold 03L displaced 823' (251m) due to works.

New Declared Distances are as follows:

RWY TORA TODA ASDA LDA

03L 2682M 2742M 2682M 2431M

**LATIN AMERICA**

21R 2682M 2742M 2682M 2682M

Until December 31, 2019, taxiway H will continue to be limited to aircraft up to category C from the intersection of taxiway J to aircraft stand position 6, use caution.

Until February 01, 2020, taxiway J will be limited for aircraft up to category D, aircraft category E or higher should use the procedure FOLLOW ME.

**Rio Hato**, Panama, (Cap Scarlett R Martinez Intl), Per SUP A05-19 - Until December 31, 2019, the Anemometer is out of services. Users will be given estimated wind.

**Rock Sound**, Bahamas Is, (Rock Sound Intl), RNAV Approach Procedures not authorized.

**Saba Island**, Neth Antilles, (Juancho E. Yrausquin), TNCS 10-9 Note: Never drift South of the extended center line Rwy 12. During takeoff from Rwy 30 make a right turn as soon as possible.

**San Jose**, Costa Rica, (Juan Santamaria Intl), CYRUS 2 RNAV (GNSS) (RNV25-A) VISUAL RWY 25 (19-2) is no longer valid and should not be used.

Flashing lights of the precision approach lighting system for runway 07 are out of order until 31 AUG 20.

**San Juan**, Puerto Rico, (Luis Munoz Marin Intl), (19-2) Bridge Visual Rwy 10 VASI-L chgd to PAPI-L, MALSR added.

**San Salvador**, (El Salvador Intl), The Autonomous Port Executive Commission (CEPA), makes the knowledge of all users, that starting from 07:00 hours on Thursday, June 20, 2019 and until 09:00 hours on Tuesday, December 31, 2019, the operation of Cargo and Courier flights is restricted on the platform of the cargo terminal, during the following hours: daily from 07:00 to 09:00 local hours. (13:00 - 15:00 UTC).

**San Salvador**, (San Salvador Intl), RNAV approach procedures not authorized.

**Santiago De Cuba**, Cuba, (Antonio Maceo Intl), Hazard beacon out of service 10 km west of MUCU from May 12, 2019 to May 12, 2020.

Cuba sup AO2CO4-19.

**Tegucigalpa**, Honduras, (Toncontin Intl), (12-22) RNAV (RNP) Rwy 20 Straight-In Landing Mims changed to DA(H) 3932' (700')

**Valledupar**, Colombia, (Alfonso Lopez Pumarejo), Runway width is 115' (35m).

**Villahermosa**, Mexico, (C P A Carlos Rovirosa Intl), APT, all IAPs- Airport beacon deleted. Rwy 08 ALS-F installed.



**ENROUTE CHARTS LATIN AMERICA**

Jeppesen CHART CHANGE NOTICES highlight only **significant** changes affecting Jeppesen Charts, also regularly updated at [www.jeppesen.com](http://www.jeppesen.com).

**IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.**

**ENROUTE CHARTS**
**GENERAL**
**CUBA**

Procedure note for Havana Jose Marti Intl Apt chgd to read as follows:

'Acraft bound for Jose Marti Intl should contact Boyeros Radio on freq 126.9 MHz not more than 40 minutes and not less than 20 minutes before arrival to communicate ETA.' **MUHA.**

**DOMINICAN REPUBLIC**

Enroute charted note within Santo Domingo FIR revised as follows:-

All controlled flights must contact at least ten minutes prior to enter Santo Domingo FIR, on the assigned frequency to the corresponding control unit of the sector of the proposed route.

When flying northbound from Santo Domingo FIR, contact Miami Center 10 minutes prior to crossing the Miami FIR boundary when overflying SEKAR, LERED, POKEG or ASIVO on 126.45, or over MALVN on 123.77.

**PUERTO RICO**

ATS routes L327, L329, L335 established in the vicinity of San Juan, Puerto Rico (SJU). For details see Graphic Notam LA-301. **TJSJ.**

**BAHAMAS IS**
**ATS ROUTES changed:**

M348 estbld Great Inagua (ZIN) NDB - MEDKO, Cuba RNAV CRP (N21 13.3 W074 26.6) 300°/119°, 46 NM. **H/L-7/2C.**

UL599 BYGON coords revised (N20 30.3 W073 50.0) BYGON - DAVOL 237°/055° 150 NM, MEA FL250. **H/L-7.**

LEONARD M THOMPSON CTR estbld. A circle of 15 NM radius centered on Leonard M Thompson apt MYAM. Altitudes GND - 1500 AGL. Class 'E'. Times of operation H24. **MYNN.**

MARSH HARBOUR CTA withdrawn (centered at Marsh Harbour apt MYAM). **MYNN.**

**BRITISH VIRGIN IS**

TERRANCE B LETTSOME, Br Virgin NDB (BFI) decmsnd. **TJSJ, H/L-10/5D, H/L-7/3D, H/L-8/7A.**

**COLOMBIA**
**ATS ROUTES changed:**

UA319 segment Tabogo I VOR (TBG) - OGRUL - AGUJA - ESKOR - NESMO - SIPOK - OSUBO - ERIKO - OROSA withdrawn. **MPTO.**

UA574 segment Tabogo I VOR (TBG) - PONPO - BPGAL - Cartagena VOR (CTG) withdrawn. **MPTO.**

UM597 estbld AGUJA - ESKOR - NESMO 051°/231°, 35/76 NM; NESMO - SIPOK - OSUBO 052°/234°, 56/21 NM, MEA FL250; OSUBO - ERIKO - OROSA 053°/234°, 83/12 NM. EFF 31 JAN 2019. **MPTO.**

**CUBA**
**ATS ROUTES changed:**

B/UB767 withdrawn Ciego De Avila VOR (UCA) - ISBEN. **MUHA.**

G/UG430 realigned, and redesign one-way S-bnd URSUS - BIBAT NCRP (N23 16.4 W078

**ENROUTE CHARTS LATIN AMERICA**

58.6) 180°/360°, 44 NM, MEA FL60; BIBAT - Ciego de Avila VOR (UCA) 180°/360°, 76 NM, 'UCA' VOR - PUTUL 173°/354°, 125 NM. **MUHA.**

J2 ANETU NCRP established (N21 15.0 W077 08.6). HUZAR - ANETU - Baracoa NDB (UBA) 117/158 NM. **MUHA.**

M/UM346 estbld CANOA - ULARI NCRP (N23 22.3 W086 00.0) 262°/079°, 167 NM, MEA FL60. OPPOSITE Cruise Levels. **MUHA.**

M218 ENAMO - VIKRO MEA FL100. **H/L-7/1BD.**

R630 IBSEN - ULBAS - Ciego De Avila VOR (UCA) 047°/229°, 94/26 NM, MEA FL60 Even levels. UMIMI - ENAMO 049°/229° 42 NM. **MUHA.**

U/A301 withdrawn URSUS - Ciego De Avila VOR (UCA). **MUHA.**

U/L795 realigned one-way SE-Bnd BIBAT - BEXEN 149°/330°, 38 NM. **MUHA.**

UG448 IKBIX NCRP (N24 00.0 W081 14.0) - XOPLI NCRP (N22 38.9 W081 24.1) 192°/012°, 81 NM; XOPLI - Cayo Largo Del Sur VOR (UCL) 192°/012°, 63 NM. **MUHA 10-1.**

UL780 realigned one-way S-BND URSUS - TASNO - HUZAR - ULBAS 112/15/11 NM Odd levels; bi-directional ULBAS - ULISU 28 NM. PIGBO withdrawn. **MUHA.**

UM330 ISBEN - ULBAS - Ciego De Avila VOR (UCA) 047°/229°, 94/26 NM, MEA FI250, Even levels. UMIMI - ENAMO 049°/229° 42 NM. **MUHA.**

UM348 estbld along J1 Vander VOR (UVA) - CIRLE - Jardines Del Rey VOR (UCJ) 99/79 NM. **MUHA.**

V/UV106 redesign one-way E-bnd NUDAL - FRANT(N22 W084). **H/L-3, H/L-4, MMUN.**

Z465 & UZ465 FUNDI & ALVEK NCRP chgd to CRP. **MUHA 10-1.**

GERONA NDB (UNG) withdrawn. **10-1.**

Gerona NDB (URC) decmsnd (N22 W083). **MUHA 10-1.**

GERONA VORDME comsnd. Ident 'UNG', freq 115.3, coords at N21 50.1 W082 46.9. **MUHA.**

LAS TUNAS -Hermanos Ameijeiras redesign VFR (N21 W077). **H/L-7.**

Las Tunas NDB (UVT) decmsnd (N21 W077). **LA H/L-7/1D.**

**DOMINICAN REPUBLIC**
**ATS ROUTES changed:**

L450 MOGAM - VITOB 93 NM, SUTEM withdrawn. **MDSD.**

L450 ROLSO withdrawn. SEKAR - KEBAL 114 NM. **MDSD.**

L577 estbld ANTEX - GOSUL 280°/099°, 45 NM, MEA 4000; GOSUL - La Romana VOR (LRN) 280°/099°, 7 NM; 'LRN' VOR - Punta Caucedo VOR (CDO) 280°/099°, 43 NM. **TJSJ, MDSD.**

M597 estbld PALAS - KATIN 056°/236°, 30 NM, MEA 4000; KATIN - RAGUS 056°/236°, 29 NM; RAGUS - GABRA 056°/237°, 53 NM; GABRA - POLUX 057°/237°, 18 NM; POLUX - LECKY 057°/237°, 14 NM; LECKY - Punta Caucedo VOR (CDO) 057°/237°, 18 NM; 'CDO' VOR - BIBOK 059°/239°, 29 NM; BIBOK - GABOK 059°/239°, 3 NM, MEA 7000; GABOK - BETUM 059°/239°, 18 NM; BETUM - PIXAR 059°/239°, 13 NM; PIXAR - BETIR 060°/240°, 18 NM. **MDSD.**

The following new upper routes estbld within Santo Domingo FIR:

UW9 estbld along W9 La Romana VOR (LRN) - MELLA.

UW10 estbld along W10 ASIVO - PIXAR - Punta Cana VOR (PNA).

UW24 estbld along W24 Santiago VOR (SGO) - KODIX - La Romana VOR (LRN).

**MDSD.**

U/G446 segment BESAS - KOBET withdrawn. PELSO withdrawn. **MDSD.**

UA319 withdrawn PALAS - BETIR. **MDSD.**

**ENROUTE CHARTS LATIN AMERICA**

- UB520 withdrawn Cabo Rojo VOR (DCR) - ANTEX. **TJSJ, MDSD.**
- UL216 established El Catey (DCY) VOR - FIDEL CRP (N19 31.7 W069 54.2) - LERED 340°/160°, 18/61 NM. **MDSD.**
- UL216 estbld El Catey VOR (DCY) - GABIM 172°/352°, 43 NM, MEA FL195; GABIM - POKAK 172°/353°, 163 NM. **MDSD.**
- UL216 withdrawn El Catey VOR (DCY) - LERED. FIDEL withdrawn. **MDSD 10-1.**
- UL339 estbld SEKAR - Puerto Plata VOR (PTA) 173°/353°, 41 NM, MEA FL195; 'PTA' VOR - KARUM 174°/355°, 234 NM. **MDSD.**
- UL349 estbld SATOE - ARIAS CRP (N17 46.5 W069 22.5) 287°/105°, 79NM, MEA FL195; ARIAS - IDACO CRP (N17 50.8 W070 22.3) 285°/105°, 57NM; IDACO - Cabo Rojo VOR (DCR) 285°/104°, 73NM. **MDSD.**
- UL377 DUTAV withdrawn. OSIDU - KEBAL 86 NM. **MDSD.**
- UL577 revised ANTEX - Punta Caucedo VOR (CDO) 281°/100°, 95NM, MEA FL195; 'CDO' - -HOFER -ETBOD 283°/102°, 28/99NM. **MDSD.**
- UM597 estbld PALAS - KATIN 056°/236°, 30 NM, MEA FL195; KATIN - RODBU 056°/236°, 32 NM; RODBU - GABRA 056°/236°, 49 NM; GABRA - VOGAR 057°/237°, 25 NM; VOGAR - Punta Caucedo VOR (CDO) 057°/237°, 25 NM; 'CDO' VOR - GABIM 059°/238°, 14 NM; GABIM - PIXAR 059°/240°, 50 NM; PIXAR - BETIR 059°/240°, 18 NM. **MDSD.**
- UT09 withdrawn SEKAR - KATOK. **MDSD.**
- UW28 estbld Punta Cana VOR (PNA) - DEMBU CRP (N18 56.1 W069 04.9) 311°/131°, 45 NM, MEA FL195; DEMBU - PETRI 311°/131°, 41 NM; PETRI - El Catey VOR (DCY) 285°/105°, 2 NM; DCY VOR - Puerto Plata VOR (PTA) 313°/133°, 55 NM. **MDSD.**
- W33 realigned Higuero VOR (DHG) N18 34.3 W069 59.0 - El Catey VOR (DCY) 029°/209°, 44NM, MEA 6000'. **MDSD.**
- W34 realigned Higuero VOR (DHG) N18 34.3 W069 59.0 - TUBAL 216°/036°, 20NM, MEA 5000'. **MDSD.**
- W35 realigned Higuero VOR (DHG) N18 34.3 W069 59.0 - OKOSO 256°/076°, 35NM, MEA 8000'. **MDSD.**
- W36 realigned Higuero VOR (DHG) N18 34.3 W069 59.0 - KODIX 356°/176°, 35NM, MEA 5000'. **MDSD.**
- Y315, UY315 MAPEP NCRP estbld (N18 58.5 W068 23.4) CHUMA-MAPEP 191°/011°, 15 NM, 4000 MEA; MAPEP-Punta Cana VOR (PNA) 24 NM. **MDSD.**

**EL SALVADOR**
**ATS ROUTES changed:**

- H/UH225 redesign STANDARD cruise levels El Salvador VOR (CAT) - NAGEL. **MSLP.**
- H225 El Salvador (CAT) VOR - ATUMA MEA 13000. **MSLP.**
- R/UR890 GALAN - TUKOR (N12 53.3 W087 48.9) 51 NM; TUKOR - ALTEG CRP (N12 34.7 W 087 58.4) 206°/026°, 21 NM. **MHTG.**
- R635 Ilopango VOR (YSV) - AMESA MEA 10000'. **MSLP.**
- UH225 El Salvador (CAT) VOR - ATUMA MEA 20000. **MSLP.**
- UR883 withdrawn El Salvador VOR (CAT) - AMUVO. **MSLP.**
- DANGER AREA MS(D)-4 withdrawn ( W of Ilopango VOR (YSV)). **MSLP.**
- EL SALVADOR CTR. Altitudes GND - 3000'. **MSLP.**

**GUATEMALA**
**ATS ROUTES changed:**

- G757 D014A, D194J, D042J withdrawn. Aurora VOR (AUR) - SERLA 70NM, MEA 11000';

**ENROUTE CHARTS LATIN AMERICA**

TUCAN - Mundo Maya VOR - AMARU 25/25 NM, MEA 4000'. **MGGT.**

G765 D027Z withdrawn. RIDEM - Aurora VOR (AUR) 70NM, MEA 11000'. **MGGT.**

POPTUN NDB (POP) decmsnd (N16 19.5 W089 25.3). TIKAL NDB (TKL) decmsnd (N16 54.8 W089 52.0). Eff 10 Oct 19. **HL-2.**

R/UR644 ARATI CRP (N14 47.5 W089 54.1), ENALO CRP established (N15 01.6 W089 13.0). La Aurora VOR(AUR) - ARATI - OTRUS - ENALO 39/31/11 NM. **MGGT.**

R/UR644 URSAT renamed TIDER. **MGGT.**

UA770 ROSAM CRP established (N14 21.7 W090 10.0). La Aurora VOR (AUR) - ROSAM - MEGAL 25/30 NM. **MGGT, MSLP.**

UZ637 La Aurora (AUR) VOR - EMUSI MEA FL200. **MGGT.**

W2 AMUDA WITHDRAWN. La Aurora VOR (AUR) - ILIDA 70 NM. **MGGT 10-1.**

W2 OMADI NCRP estbld (N14 55.5 W089 56.9) La Aurora VOR (AUR) - OMADI - ILIDA 40NM/30NM. **MGGT.**

W2 OMADI renamed AMUDA. **MGGT.**

W3/UW3 ERDEK NCRP estbld (N15 09.6 W090 51.8) La Aurora VOR (AUR) - EDREK - ULEBI 40NM/30NM. **MGGT.**

Z637 established La Aurora VOR (AUR) - EMUSI 045°/225°, 70NM MEA 11000, Even levels. **MGGT.**

AURORA CTR upper limit 3500' AGL. **MGGT.**

LA AURORA CTR chgd to a circle with 12 NM radius centered on La Aurora VOR (AUR). **MGGT.**

LA AURORA TMA vertical limits: 4000' - 19500' MSL. **MGGT.**

**HONDURAS**
**ATS ROUTES changed:**

B500 redesignated H225 La Mesa VOR (LMS) - TIRNA - NAGEL - ATUMA - El Salvador VOR (CAT). **MHLM, MSLP.**

The following airways redesign OPPOSITE Cruise Levels within Central America FIR (MHTG): UA770, UL471, UZ637, UZ514, UB500, UM328, UZ403, UZ751, UL345, UR644, UG877, UB767, UB520, UZ894, UZ762. **MGGT, MHLM.**

UA502 standard cruise levels Toncontin VOR (TNT) - POXON. **MHTG.**

UA770 ROSAM withdrawn. La Aurora VOR (AUR) - MEGAL 55NM. **MGGT.**

UB500 redesignated UH225 La Mesa VOR(LMS) - TIRNA - NAGEL - ATUMA - El Salvador VOR (CAT). UB500 segments PISIS - MITOL- OMIRO - MELDA - Rotan VOR (ROA) - UTILA - RUBRA - La Mesa VOR (LMS) withdrawn. **MHLM, MSLP.**

UG436 redesignated UZ512 LIXAS - Liberia VOR (LIB). UZ512 established Liberia VOR (LIB) - LINAS NCRP 338°/158°, 30 NM MEA FL200; LINAS - IMOLA CRP 339°/159°, 10 NM; IMOLA - Managua VOR (MGA) 338°/158°, 60 NM; (MGA) - ILESU CRP (N13 03.9 W086 33.7) 60 NM; ILESU - TALAG CRP 89 NM; TALAG - KORTI CRP 340°/160°, 108 NM; KORTI - Belize VOR (BZE) 90 NM.

**MHTG, MHLM.**

UG439 redesignated UM328 ORRAL NCRP (N10 14.3 W085 19.3) - PELDA NCRP (N09 01.9 W084 33.7) 148°/328°, 85 NM. **MROC.**

UH225 chgd to bi-directional LA MESA (LMS) VOR - ATUMA (N14W008). **MHLM.**

UW1 redsig OPPOSITE Cruise Levels MODER - San Jose VOR (SJO). **MGGT.**

UZ514 established TALAG CRP - PABEL CRP 027°/210°, 405 NM MEA FL200. **MHTG.**

UZ894 established PESTO - BIRLO CRP (N16 54.3 W083 59.1) 254°/072°, 118 NM MEA FL200; BIRLO - PENRU 252°/068°, 292 NM.

**MHLM.**

CARIBBEAN MARITIME CTA established. An irregular shaped-area bounded on the north by Central American FIR running south

## ENROUTE CHARTS LATIN AMERICA

approx on longitude W087 20 to latitude N17 00 and continue to 40 NM NE of Puerto Cabezas VOR (PZA). Then continue north-bound along the Central American FIR. Lat-eral limits 3000' - 8500' Class F and 9000' - FL195 Class D. **MMUN.**

Toncontin Intl CTR Airspace chgd to a circle with 10 NM radius centered on Toncontin Intl airport (MHTG). **MHTG.**

TONCONTIN INTL CTR chgd to Class 'D' air-space. **MHTG.**

**JAMAICA**

MANLEY DME (MLY) decmsnd (N18 W076). **H/L-4, MKJP, H/L-7, H/L-8.**

MANLEY (MLY) VORDME decmsnd. **MKJP, H/L-7, H/L-8.**

**MEXICO****ATS ROUTES changed:**

J42 ANEGU renamed ILURA. **MMGL.**

J141 OBRUG CRP (N21 47.0 W105 41.5) estbld. XUBUD - OBRUG - KENDU 58/50 NM. **MMGL.**

UJ11/V61 LIVRI NCRP established (N21 10.9 W102 45.8). Aguascalientes VOR (AGU) - LIVRI - Guadalajara VOR (GDL) 40/50 NM. **MMGL.**

UJ12/V3/V5 VOLUX NCRP established (N20 52.0 W103 53.2). Tepic VOR (TNY) - VOLUX - TIKIT 63/8 NM. **MMGL.**

UJ12/V5 OVALI NCRP (N20 22.5 W102 48.2) and LONKU NCRP (N20 16.5 W102 27.9) estbld. Mileages:

Guadalajara (GDL) VOR - OVALI 30NM

OVALI - LONKU 20NM

LONKU - VOGAS 23 NM. **MMGL.**

UJ12S estbld Guadalajara VOR (GDL) - NUBIG NCRP (N20 42.0 W103 48.6) 284°/104°, 30NM MEA FL200; NUBIG - NOTUP CRP

284°/104° 26NM; NOTUP - Tepic VOR (TNY) 308°/128° 47NM. **MMGL 10-1.**

UJ14, KEDIX CPR estbld (N21 17.7 W106 18.5) ROBISO - KEDIX - SEKEV 53/50NM. **MMGL 10-1.**

UJ48 IGILA CRP established (N22 21.7 W108 40.2). DUVIT - IGILA - XOSPU 53/192 NM. **MMGL.**

UT4 BOBDI CRP established (N21 22.8 W105 44.8) SILMA - BOBDI - BEXOL 25/59NM. **MMGL.**

UT44 estbld Monterrey VOR (MTY) - URSUR - KERGA 169°/348° 30/20 NM; KERGA - AXEDO - VOLER 205°/031° 100/82 NM; VOLER - TEVON - Aguascalientes VOR (AGU) 211°/027° 32/18 NM; (AGU) VOR - MEZCA - LIVRI - Guadalajara VOR (GDL) 212°/032° 30/10/50 NM. **MMGL.**

UT73 estbld one-way NW-Bnd Vallarta VOR (PVR) - SILMA - BOBDI 318° 25/25NM; BOBDI - TENAY - SHAWA 292° 175/20NM; SHAWA - BALCE - Cabos VOR (SJD) 281° 25/25NM. **MMGL.**

UT75 estbld along UJ48 Lucas VOR (CSL) - OLUVU - DUVIT - ILIGA 108°/288° 16/9/53NM, ILIGA - KENIX - SEKEV - Vallarta VOR (PVR) 146/50/20NM. **MMGL.**

UT76 estbld along V26 Monterrey VOR (MTY) - URTOB - BEROs - Concepcion VOR (CDR) - EMUDA - Zacatecas VOR (ZCL) - MITIN - RABIL - GOYAS - Guadalajara VOR (GDL). **MMGL.**

V1 USBAK established (N19 36.9 W104 46.3) Manzanillo VOR (ZLO) - USBAK - OBVIX 30/20NM. **MMGL.**

V3S estbld Guadalajara VOR (GDL) - NUBIG NCRP (N20 42.0 W103 48.6) 284°/104°, 30NM MEA 14000; NUBIG - NOTUP CRP 284°/104° 26NM; NOTUP - Tepic VOR (TNY) 308°/128° 47NM. **MMGL 10-1.**

## ENROUTE CHARTS LATIN AMERICA

V32 JASTO NCRP established (N20 44.9 W102 27.4). XORID - JASTO - Leon VOR (BJX) 20/56 NM. **MMGL.**

V61/J25 TABGO NCRP estbld at N19 52.1 W103 27.2. Mileages:

Guadalajara (GDL) VOR - TABGO 40NM  
TABGO - Colima (COL) VOR 36NM. **MMGL.**

V61W GRUSI NCRP estbld (N21 16.8 W102 56.0). GOYAS - GRUSI - Aguascalientes VOR (AGU) 16/43 NM. **MMGL.**

PUERTO VALLARTA CTR upper limit 9200' MSL. **MMGL.**

PUERTO VALLARTA TMA changed in part: sectors 10 and 25 NM replaced by a circle 50 NM radius centered on Puerto Vallarta (PVR) VOR. Altitudes 1300' MSL - FL235, lower limit is 500' below the altitude of each MVA sector. From 50 - 70 NM 3500' MSL - FL235, lower limit is 500' below the MEA or 500' below the arrival procedure. **MMGL.**

PUERTO VALLARTA TMA northern portion extended to a 70 NM radius centered on Vallarta VOR (PVR), and now contains airways V3-5 and UJ12 Tepic VOR (TNY) - to Guadalajara TMA. **MMGL.**

**PANAMA****ATS ROUTES changed:**

U/G437 withdrawn Taboga VOR (TBG) - DUXUN. **MPTO 10-1.**

UB510 Taboga VOR (TBG) - La Palma VOR (PML) - KUBEK withdrawn. **MPTO.**

UB510 withdrawn Taboga VOR (TBG) - COLBY. **MPTO 10-1.**

UG434 redesignated UL347 Taboga VOR (TBG) - TIMRO - EKENA - KASOR 022°/202°, 187/111/89 NM, MEA FL200. **MPTO 10-1.**

UL335 estbld Taboga (TBG) VOR - PONPO CRP (N09 16.2 W078 12.0) - BOGAL 074°/254° 86/50NM. **MPTO.**

UM538 Taboga VOR (TBG) - PUDAK withdrawn. **MPTO.**

UM542 estbld Taboga VOR (TBG) - MIKUS - DAGAS - COLBY 013°/194°, 99/73/204 NM, FL200 MEA. **MPTO.**

UM542 estbld Taboga VOR (TBG) - RODAX CRP (N07 46.0 W079 47.7) - DABON CRP (N06 25.2 W080 05.9) 197°/017° 63/82NM MEA FL200; DABON- TINPA CRP (N04 30.3 W080 30.9) 117NM. **MPTO.**

UM597 estbld Taboga VOR (TBG) - AGUJA 048°/228°, 182 NM, FL200 MEA. **MPTO.**

UP790 estbld Taboga VOR (TBG) - KUBEK 112°/294° 147NM MEA FL200. **MPTO.**

BOCAS DEL TORO (BDT) VOR unserviceable till 31 DEC 19. **MPTO 10-1A.**

BOCAS DEL TORO, -apt renamed Jose Ezequiel Hall. **MPTO 10-1A.**

DANGER AREAS MP(D)-21 and 22 withdrawn (NW of Santiago VOR (STG)). **MPTO.**

RESTRICTED AREA MP(R)-24 withdrawn (SE of Taboga Island VOR (TBG)). **MPTO.**

**PANAMA FIR**

BOCAS DEL TORO, -apt renamed Jose Ezequiel Hall. **MPTO 10-1A.**

**PUERTO RICO****ATS ROUTES changed:**

L327 established SCAPA, Puerto Rico - SAULT (N20 22.0 W064 16.0) 046°/229°, 328 NM MEA 18000; SAULT - OPAUL 029°/209°, 92 NM. **TJSJ.**

L335 established SCAPA, Puerto Rico - TRNKY 070°/253°, 292 NM MEA 18000; TRNKY - OBIKE 98 NM. **TJSJ.**

Y421 estbld MEEGL RNAV NCRP (N18 29.3 W067 10.3) - HARBG 322°/141°, 130NM MEA 18000; HARBG - HAGIT RNAV NCRP (N21 34.7 W071 01.9) 324°/142°, 156NM. **MDSD.**



**ENROUTE CHARTS LATIN AMERICA**

CHUMA RNAV NCRP estbld at N19 13.3 W068 23.5. **MDSD.**

**TRINIDAD**
**ATS ROUTES changed:**

UA555 DUNTA NCRP redesign CRP. **H/L-8/ N15W062.**

UL462 OMIKI CRP estbld (N15 30.9 W061 03.0). V.C. Bird VOR (ANU) - OMIKI - ETBIG 106/143 NM. **H/L-8/8A.**

UL576 NOSOB CRP estbld (N11 14.4 W056 42.2). PIPUV - NOSOB - ROVBA 33/115 NM. **H/L-8/8D.**

UL695 KANUN - LESUD - BOXIT 54/202 NM. **LAHL-8/8B.**

UM791 Grantley Adams (BGI) VOR - PIPUV - DOLRO 224/138 NM (N09 W054). **LAHL-8/8D.**

**TURKS IS**
**ATS ROUTES changed:**

L464 RNTRY - LERED 215°/035° 28 NM, MEA 4000'. **H/L-9/2C,D, H/L-7/2D.**

**UNITED STATES OF AMERICA**
**ATS ROUTES changed:**

A301/R628 ZOLLA, Offshore Atlantic NCRP chgd to CRP. **MUHA.**

BR1L BARTS, Bahamas - MAMML 123°/308°, MAMML - DIAZZ 129°/309°; COBBL - LOGVN 129°/310°; BRRGO - AVNEY 126°/322°, AVNEY - BENIE 142°/321° (N25 W077). **MYNN, H/L-9, H/L-7.**

BR1RL HAANA, Bahamas - MRRSH 139°/319°, MRRSH - BNTTZ 160°/340° (N26 W077). **MYNN, H/L-7.**

V295 HEATT, Fla - BLUFI MEA 6000' (N26 W079). **KMIA, MYNN.**

Y196 estbld CANOA - LULLS NCRP (N24 28.9 W081 57.6) 069°/250°, 66NM, MEA 18000';

LULLS - TUNSL NCRP (N24 54.0 W081 31.0) 049°/230°, 35NM. **MUHA.**

Y217 estbld ZEUSS NCRP (N24 00.0 W078 47.8) - OCTAL NCRP (N26 09.0 W080 06.6) 338°/157°, 147NM, MEA 18000'. **MUHA.**

Y261-308-586-589 estbld FOWEE - FOXID NCRP (N24 35.4 W078 30.2) 126°/307°, 43NM, MEA 18000'. **MUHA.**

Y262 estbld Freeport VOR (ZFP) - SAXXN NCRP (N25 45.1 W080 05.3) 245°/064°, 89NM, MEA 18000'; SAXXN - LINEY NCRP (N25 16.7 W080 53.3) 244°/063°, 52NM, LINEY - GOPEY NCRP (N25 09.5 W081 05.3) 243°/063°, 13NM; GOPEY - BRIES NCRP (N25 03.9 W081 14.6) 10NM; BRIES - TUNSL NCRP (N24 54.0 W081 31.0) 18NM; TUNSL - LULLS NCRP (N24 28.9 W081 57.6) 230°/049°, 35NM; LULLS - MAXIM 232°/052°, 42NM. **MUHA.**

Y280 estbld JAYMC NCRP (N26 58.9 W081 22.1) - WOPOK NCRP (N26 14.9 W080 15.4) 132°/313°, 74NM, MEA 18000'; WOPOK - OCTAL NCRP (N26 09.0 W080 06.6) 133°/313°, 10NM; OCTAL - CANVI NCRP (N25 59.3 W079 33.1) 115°/295°, 32NM; CANVI - PEACH NCRP (N25 25.8 W077 46.4) 116°/298°, 102NM. **MUHA.**

Y290 estbld THMPR NCRP (N26 46.0 W082 20.4) - FEMID NCRP (N26 06.5 W081 27.4) 135°/316°, 62NM, MEA 18000'; FEMID - SAXXN NCRP (N25 45.1 W080 05.3) 112°/293°, 77NM; SAXXN - UCRAZ NCRP (N25 38.7 W079 41.4) 113°/294°, 23NM; UCRAZ - SKIPS NCRP (N25 33.2 W079 16.5) 111°/291°, 23NM; SKIPS - BITAC NCRP (N24 45.1 W077 32.3) 124°/305°, 106NM. **MUHA.**

Y297 TOVAR NCRP (N26 33.1 W080 02.3) - UCRAZ NCRP (N25 38.7 W079 41.4) 168°/348°, 57NM, MEA 18000'; UCRAZ - URSUS 104NM. **MUHA.**

Y319 estbld URSUS CRP (N24 00.0 W079 04.2) - Freeport VOR (ZFP) 015°/195°, 154NM, MEA 18000'. **MUHA.**

**ENROUTE CHARTS LATIN AMERICA**
**VENEZUELA**
**ATS ROUTES changed:**

UG432 withdrawn Maiquetia VOR (MIQ) - ARMUR. **SVMI.**

UN779 established ARMUR CRP (N15 32.5 W066 38.1) - SILVA CRP (N14 27.3 W066 40.3) 194°/014°, 65NM MEA FL250; SILVA - TOSOS CRP (N12 20.1 W066 50.9) 198°/018°, 127NM; TOSOS - MIDUR CRP (N11 47.0 W066 53.6) 33NM; MIDUR - MAIQUETIA (MIQ) 70NM. **SVMI.**

Y325 estbld ZEUS NCRP (N24 00.0 W078 47.8) - FOWEE 346°/166°, 60NM, MEA 18000'. **MUHA.**

Y329 estbld Freeport VOR (ZFP) - ZEUS NCRP (N24 00.0 W078 47.8) 190°/009°, 153NM, MEA 18000'. **MUHA.**

Y350-399-441 estbld Bimini VOR (ZBV) - SOME NCRP (N25 18.8 W078 13.3) 119°/300°, 63NM, MEA 18000'. **MUHA.**

Y353-443 estbld SUMAC NCRP (N25 17.6 W077 21.1) - UPOKE NCRP (N25 36.1 W078 34.2) 294°/113°, 69NM, MEA 18000'; UPOKE - BAHMA NCRP (N25 56.5 W079 07.8) 312°/131°, 36NM. **MUHA.**

Y398 estbld SAXXN NCRP (N25 45.1 W080 05.3) - UCRAZ NCRP (N25 38.7 W079 41.4) 113°/294°, 23NM, MEA 18000'; UCRAZ - SKIPS NCRP (N25 33.2 W079 16.5) 111°/291°, 23NM; SKIPS - JAGOR NCRP (N24 40.5 W077 44.1) 129°/310°, 99NM. **MUHA.**

Y421 estbld PEACH NCRP (N25 25.8 W077 46.4) - KOUGH NCRP (N25 55.8 W078 40.8) 310°/129°, 58NM, MEA 18000'; KOUGH - CANVI NCRP (N25 59.3 W079 33.1) 282°/101°, 47NM; CANVI - OCTAL NCRP (N26 09.0 W080 06.6) 295°/115°, 32NM. **MUHA.**

GULLF (N24 42.8 W080 52.0) and VAULT (N24 45.9 W081 00.6) , Fla RNAV NCRPs estbld. **MUHA.**

GULLF, Fla withdrawn. **MUHA.**

WARNING AREA K(W)-174H established. An irregular-shaped area approx 30 NM S-N by approx 56 NM E-W beginning approx 42 NM SW of Fish Hook (FIS) NDB. Altitudes Gnd - FL700 and 5,500' MSL - FL700. **MUHA 10-1.**

WARNING AREA (W)-291 redesign (W)-291E/W. Altitudes GND-FL800. Eff 10 Oct 19. **H/L-1.**



**SOUTH AMERICA**

Jeppesen CHART CHANGE NOTICES highlight only **significant** changes affecting Jeppesen Charts, also regularly updated at [www.jeppesen.com](http://www.jeppesen.com).

**IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.**

**ENROUTE CHARTS**
**GENERAL**
**BOLIVIA**

New airways established within La Paz FIR (SLLF). See Graphic Change Notice SA-301.

**BRAZIL**

All lower airways within Brazil MEA FL150, except if charted MEA is higher.

Amazonica ACC operational frequencies modified from 07 December 2017, 0000 UTC to 31 December 2019, 2359 UTC for the following sectors.

SECTOR 2: From 126.15MHZ to 125.75MHZ

SECTOR 4: From 123.95MHZ to 123.65MHZ

SECTOR 5: From 126.15MHZ to 133.35MHZ

SECTOR 14 (main): From 123.55MHZ to 123.85MHZ

SECTOR 14 (reserve): From 128.3MHZ to 128.05MHZ

CONTINENTAL ADIZ established. An area running parallel approx 80 NM along the Brazil country boundary limited by N03 36.3 W050 26.1 and S33 59.5 W051 47.8. Altitudes GND - UNL.

UZ78 estbld IVSIK (S05 W035) - MUNUX (S13 W045). Other current airways will be affected due to new waypoints crossing. For details see Graphic Notam SA-315.

**COLOMBIA**

All high airways within Colombia MEA FL250, except if charted MEA is lower.

**ECUADOR**

GUAYAQUIL FLIGHT INFORMATION REGION (FIR) ident chgd to SEFG.

**URUGUAY**

ALL PROHIBITED AREAS within Uruguay Altitudes changed to GND - 2000' AGL.

Uruguay Class C Airspace Limits changed to FL85 - FL195

**ATS ROUTES changed:**

UA323 BRACO - Sao Gabriel Da Cachoeira (GBR) VOR 133°/315°, 206NM; (GBR) VOR - EPDOD 124°/304°, 27NM. (N0 W068) **HI-4, HI-1.**

W25 Sao Gabriel Da Cachoeira VOR (GBR) - ERVAM 156°/336°, 27NM (S0 W067) **LO-6.**

**ARGENTINA**

ARGENTINA ADIZ estbld. An irregular shaped area which follows the Cordoba and Resistencia FIR's. Altitudes GND - UNL. Time of operation H24. **LO-10/S22W062.**

CORRIENTES VOR (CRS) 115.4 cmnd at S27 26.2 W058 45.7. **LO-10/4D.**

MARIANO MORENO CTR withdrawn. **SAEZ.**

RESTRICTED AREA SA(R)-04 estbld (SW of Ezeiza VOR [EZE]). A circle with a .32 NM radius centered on (S34 54.2 W058 37.0). Altitudes GND-2500 MSL. Time of operations H24. **LO-12, SAEZ 10-1.**

**SOUTH AMERICA**
**BOLIVIA**
**ATS ROUTES changed:**

R558 La Paz VOR (PAZ) - Rio Branco VOR (RCO) withdrawn. **SLLP**.

UA304 withdrawn Corumba NDB (CUB) - ELAKO. **SLLP**.

UL404 MUDIL withdrawn. KABOM - UKDOR 90 NM. **SLVR**.

UL540 SOTKU - AKVAG CRP (S20 46.4 W066 41.7) 101 NM; AKVAG - ARUBO 68 NM; ARUBO - DAKRO CRP (S19 46.7 W065 29.5) 22 NM; DAKRO - IVSIX CRP (S19 25.8 W065 06.8) 30 NM; IVSIX - BUTIN CRP (S19 20.5 W06501.0) 8 NM; BUTIN - LIVET CRP (S19 18.2 W064 58.5) 3 NM; LIVET - MATGO 40 NM; MATGO - MULOG 25 NM; MULOG - Viru Viru VOR (VIR) 80 NM; VIR VOR - SASNO CRP (S16 32.5 W061 47.9) 062°/243°, 101 NM; SASNO- UKEKU CRP (S15 28.6 W060 28.4) 064°/245°, 100 NM; UKEKU - EROGI CRP (S15 17.9 W060 15.0) 065°/245°, 17 NM; EROGI - ASIKI 065°/245°, 92 NM. **SLVR**.

UW29 estbld La Paz VOR (PAZ) - TERAX 111°/291°, 55nm MEA FL250; TERAX - SIRAD NCRP (S15 54.8 W066 24.2) 112°/292°, 53NM; SIRAD - MOSGO CRP 112°/292°, 7nm; MOSGO - PUNAV CRP 112°/293°, 24NM; PUNAV - DOLGI CRP 113°/293°, 13NM; DOLGI - GUVAS CRP 113°/293°, 5NM; GUVAS - SALBI 113°/294°, 63NM; SALBI - Viru Viru VOR (VIR) 114°/295°, 80NM; Viru Viru VOR - GAVOS 117°/298°, 80NM; GAVOS - ROKES CRP 118°/298°, 21NM; ROKES - GEBAS CRP 119°/300°, 162NM; GEBAS - GAXUS 120°/300°, 11NM; GAXUS - ANPOP CRP 120°/300°, 11NM; ANPOP - Puerto Suarez NDB (PSZ) 121°/301°, 29NM. **SLLP 10-1, SLVR 10-1**.

W3 Sucre VOR (SUR) - San Ignacio De Velasco NDB (SNG) withdrawn. **SLVR**.

W6 withdrawn Tarija VOR (TAR) - Bermejo NDB (BJO) (S22 W065). **LO-10**.

W7 SUCRE VOR (SUR) - LA PAZ VOR (PAZ) withdrawn. **SLLP**.

ALCANTARI CTR estbld. A circle approximately 15 NM radius centered on Alcantari (ALC) VOR. Altitudes GND - 16000' MSL. Calss 'C'. Times of operation SR-SS. Night OPS O/R. (S19 W065). Eff 10 Oct 19. **LO-9**.

BERMEJO NDB (BJO) decmsnd (S22 W064). **LO-10**.

COCHABAMBA CTR estbld. A circle approximately 15 NM radius centered on Cochabamba (CBA) VOR. Altitudes GND - 18000' MSL. Class 'C'. Times of operation H24 (S17 W066). Eff 10 Oct 19. **LO-9**.

MONTEAGUDO CTR estbld. A circle approximately 15 NM radius centered on Monteagudo (SLAG) Apt. Altitudes GND - 5000' MSL. Class 'C'. Times of operation Mon-Fri, 1130-1500Z and 1730-2100Z. Sat, 1130-1700Z. Sun, O/R. (S19 W063). Eff 10 Oct 19. **LO-9**.

ORURO CTR estbld. A circle approximately 15 NM radius centered on Oruro (ORU) VOR. Altitudes GND - 18000' MSL. Class 'C'. Times of operation 1000 - 2300Z. SUN, HOL and NIGHT OPS O/R. (S18 W067). **LO-9**.

POTOSI CTR estbld. A circle approximately 15 NM radius centered on Potosi (PTS) VOR. Altitudes GND - 18000' MSL. Class 'C'. Times of operation Mon-Fri 1130-1500Z, 1730-2100Z; Sat 1130-1700Z and Sun O/R. (S19 W065). Eff 10 Oct 19. **LO-9**.

POTOSI (POI) NDB decmsnd. (S19 33.0 W065 43.9) **LO-9**.

REYES (REY) NDB decmsnd. (S14 18.2 W067 20.9) **LO-9**.

RIBERALTA (REA) NDB decmsnd. (S11 00.5 W066 04.5) **LO-6, LO-9**.

SAN IGNACIO DE VELASCO (SNG) NDB decmsnd. (S16 23.0 W060 57.9) **LO-9**.

## SOUTH AMERICA

SAN MATIAS CTR estbld. A circle approximately 15 NM radius centered on San Matias (SMT) NDB. Altitudes GND - 4000' MSL. Class 'C'. Times of operation 1030 - 2200Z. (S16 W058). **LO-9**.

TARIJA (TJA) NDB decmsnd (S21 W064). **LO-10**.

UYUNI CTR estbld. A circle approximately 15 NM radius centered on Uyuni (UNI) VOR. Altitudes GND - 18000' MSL. Class 'C'. Times of operation 1000 - 1900Z. 1900 - 2000Z. O/R. NIGHT OPS O/R. (S20 W066). Eff 10 Oct 19. **LO-10, LO-9**.

VILLAMONTES (VTS) NDB decmsnd. (S21 15.3 W063 24.4) **LO-10**.

VIRU VIRU (VRO) NDB decmsnd. (S17 32.2 W063 12.0) **LO-9, SLVR**.

## BRAZIL

## ATS ROUTES changed:

JUIZ DE FORA (FRA) NDB decmsnd. S21 46.1 W043 23.0 **LO-11**.

M778 GAVUS - Sao Gabriel Da Cachoeira (GBR) VOR 173°/ 353°, 27 NM (S00 W067). **LO-5**.

M778 withdrawn Gabriel VOR (SGC) - GAVUS (S00 W067). **LO-5, LO-6**.

TEMPORARY PROHIBITED AREA estbld until 31 Dec 19. A circle with a 2 NM radius centered on S09 05.7 W064 05.4. Altitudes Gnd - 2000' MSL. **LO-6/2D**.

UL301 ANDOR renamed VARUM (S23 W047). **SBGL**.

UL304 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UL309 changed to OPPOSITE Cruise Levels GRAFO - DODSU. (S09 W067). **HI-1**.

UM400 Odd FLs only ILTIT - BITAK **SBGL**.

UM417 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UM423 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UM775 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UZ3 redesign STANDARD Cruise Levels Confins VOR (CNF) - Belo Horizonte VOR (BHZ). **SBGF**.

UZ10 ILMIG - SIMEX CRP (S23 02.7 W045 31.0) 278°, 20NM; SIMEX - LOBAT 280°, 12NM. Eff 10 Oct 19. **HI-5, HI-6, SBGL**.

UZ21 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UZ21 withdrawn Salvador (SVD) VOR to TOSOP (S12 W038). **HI-5**.

UZ25 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UZ25 withdrawn NELOX - Dosul (CXS) VOR (S29 W051). **HI-6**.

W7 NEKOP CRP estbld (N23 17.4 W045 50.8). Bonsucesso (BCO) VOR - NEKOP - GENKO 31/7NM. **LO-11, SBGL**.

W20 estbld Belem VOR (BEL) - JANES - SAVIO - Sao LUIS VOR (SLI) 126°/307°, 40/185/40NM, MEA FL150 (S01 W048). **SA LO-6, SA LO-7**.

W25 withdrawn Gabriel VOR (SGC) - ERVAM (S00 W067). **LO-6**.

W30 redesign Z31 Sorocaba VOR (SCB) - Brasilia VOR (BSI). Rio Claro NDB (RCL) redesign GERTU. **LO-8/2AC, LO-11/8B, SBBR, SBGL**.

W33 withdrawn Belem VOR (BEL) - Fortaleza VOR (FLZ) (S01 W048). **LO-6, LO-7**.

W51 use only EVEN Flight Levels Goiania VOR (GNV) - DORLU. (S16-23 W045-049). **LO-8, SA LO-11, SBBR, SBGL**.

Z9 estbld Sao Luis VOR (SLI) - ZURCO - OSIRA - PANAD 118°/298°, 40/90/22 NM, MEA FL150. PANAD - ESAVO - CROMO - Fortaleza VOR (FLZ) 127°/307° 144/14/40 NM (S02 W41). **LO-6, LO-7**.

## SOUTH AMERICA

Z13 SUGLU - ETEPU - Sao Gabriel da Cachoeira (GBR) VOR - EPDOD 112/27/27 NM (S00 W067). **LO-5, LO-6.**

Z32 ILMIG - SIMEX CRP(S23 02.7 W045 31.0) 278° 20NM; SIMEX - DORPU 280°, 18NM. Eff 10 Oct 19. **LO-11, SBGL.**

AMAZONICA 8 CTA Class 'D' estbld. A circle with a 60NM radius centered on Cuiaba (CIA) VOR. Altitudes FL110-FL145 (S16 W056). **LO-8.**

AMAZONICA TMA Class 'D' redesign CTA (S16 W056). **LO-9.**

ANAPOLIS NDB (ANP) decmsnd (S16 W049). **LO-8, SBBR.**

ASSIS NDB (ASS) decmsnd (S22 W050) **LO-11.**

CARAJAS (CRJ) NDB decmsnd (S06 W050). **HI-4, LO-6, LO-7.**

Cerrito NDB (SMR) decmsnd (S29 W053). **LO-10, LO-12.**

Conquista NDB (VCO) decmsnd (S14 W40). **LO-8.**

CORUMBA TMA and CTR withdrawn. **LO-9/8CD.**

DANGER AREA SB(D)-312 estbld 4 miles W of Aldeia [ADA] VOR) as follows: A circle with a .5 NM radius centered on S22 49.1 W042 09.6. Altitudes: GND - 1200' MSL. **LO-11.**

DANGER AREA SB(D)-393 estbld. A circle approximately 2.7NM centered on S21 55.5 W045 57.0. Altitudes: GND-FL95. **SA LO-11.**

DANGER AREA SB(D)-394 estbld. A circle approximately 3.8 NM centered on S21 34.5 W046 01.0. Altitudes: GND-FL95. **SA LO-8, SA LO-11.**

DANGER AREA SB(D)-624 estbld. An irregular shaped-area aprox 15NM N-S by 15 NM E-W, 43 NM NE of Brasilia, (BSI) VOR. Altitudes GND - FL90. Time of operations by NOTAM (S15 W047). **LO-8, SBBR 101.**

DANGER AREA SB(D)-625 estbld. An irregular shaped-area aprox 15 NM N-S by 8 NM E-W,

43 NM NE of Brasilia, (BSI) VOR. Altitudes Gnd - FL120. Time of operations by NOTAM (S15 W047). Eff 10 Oct 19. **LO-8, SBBR 101.**

DIADEMA NDB (DAD) decmsnd. (S23 42.3 W046 36.1) Eff 10 Oct 19. **LO-11, SBGL.**

Gabriel (SGC) VOR and NDB decmsnd (S00 W067). **HI-4, LO-6.**

MANAUS TMA altitudes FL25-FL195. **SBEG.**

POROROCA NDB (PP) decmnd (S16 W048). **LO-8, SBBR.**

PROHIBITED AREA SB(P)-289 estbld (NW of Porto [PCX] VOR) as follows: A circle with a .67 NM radius centered on S22 38.8 W043 01.4. Altitudes: GND - 2000' AGL. **LO-11/S22W043, SBGL.**

PROHIBITED AREA SB(P)-390 estbld (SW of Porto [PCX] VOR) as follows: A circle .22 NM radius centered on S22 46.8 W042 59.5. Altitudes: GND - 2000' AGL. **LO-11/S22W042, SBGL.**

PROHIBITED AREA SB(P)-391 estbld. A circle approximately .216 nm centered S22 40.5 W043 35.0. Altitudes GND-2000'. **LO-11/S22W043, SBGL 10-1.**

RESTRICTED AREA SB(R)-317 estbld. An irregular shaped area approx 6 NM S-N by 16 NM E-W beginning approx 10 NM N of Taubate NDB (TBE) . Altitudes GND - 3000' (S23 W045). **LO-11, SBGL.**

RESTRICTED AREA SB(R)-388 estbld as follows: A irregular shape aprox 7 miles N-S and aprox 7 miles E-W beginning aprox 40 NM of SW of Confins [CNF] VOR . Altitudes: 1000'-FL100. **LO-8, SBCF.**

RESTRICTED AREA SB(R)-392 estbld. A circle with a 10 NM radius centered on S21 33.0 W042 38.6. Altitudes GND - 9500'. Eff 10 Oct 19. **LO-8, LO-11.**

RESTRICTED AREA SB(R)-396 estbld. A circle with a 0.5 NM radius centered on S23 00.5 W043 24.4. Altitudes GND - FL135. Eff 10 Oct 19. **LO-11, SBGL.**

## SOUTH AMERICA

RESTRICTED AREA SB(R)-400 estbld. An irregular-shaped area aprox 10 NM N-S by 5 NM E-W beginning aprox 30 NM of Araraquara (AAQ) NDB. Altitudes GND-FL55. (S21 W048) **LO-11**.

RESTRICTED AREA SB(R)-427 upper limit chgd to FL180. (S23 W047). **SA LO-11**.

RESTRICTED AREA SB(R)-491 estbld. A circle with a 2.5 NM radius centered on S23 26.5 W045 04.6. Altitudes Gnd - FL160. **LO-11, SBGL**.

RESTRICTED AREA SB(R)-580 estbld. SW of Navegantes NDB (NVG) as follows: A circle with a .035 NM radius centered on S26 54.9 W048 38.5 . Altitudes GND-500' MSL **LO-11/8C**.

RESTRICTED AREA SB(R)-583 estbld NE of Florianopolis VOR (FLN) as follows: A circle with a .035 NM radius centered on (S27 26.9 W048 22.3). Altitudes GND-1000' MSL. **SA LO-11**.

RESTRICTED AREA SB(R)-590 estbld (N of Florianopolis [FLN] VOR) . as follows: A circle with a .54 NM radius centered on S27 26.1 W048 26.3. Altitudes: GND-3000. (S27 W048). **LO-11**.

RESTRICTED AREA SB(R)-594 estbld. An irregular-shaped area approx 7NM N-S by approx 3NM E-W approx 20 NM of Curitiba (CTB) VOR. Altitudes: GND - 6000' MSL. **LO-11/S25W049**.

RESTRICTED AREA SB(R)-606 estbld a square shape approximate 6 NM x 4 NM (S16 W48) approximatly 5 NM SE of Anapolis apt (SBAN).. Altitudes GND-5500' MSL. **LO-8, SBBR**.

RESTRICTED AREAS SB(R)-611, SB(R)-612 and SB(R)-613 withdrawn (NE of Brasilia (BSI) VOR) (S16 W048). Eff 10 Oct 19. **LO-8, SBBR**.

RIO CLARO NDB (RCL) decmsnd. **LO-11/8B**.

SAN IGNACIO DE VELASCO CTR estbld. A circle approximately 15 NM radius centered on S16 24.0 W061 02.6. Altitudes GND 5000' MSL. Class 'C'. Times of operations SR-SS. Eff 10 Oct 19. **LO-9**.

Santa Maria NDB (SMA) decmsnd. **LO-10, LO-12**.

SANTO ANGELO, -Apt renamed Sepe Tiaraju. **LO-10/4C**.

SAO GABRIEL DA CACHOEIRA VORDME comsnd. Ident 'GBR', freq 116.6, coords at S00 09.0 W066 59.4. **LO-6**.

TEMPORARY DANGER AREA estbld until 31 Dec 19. A triangular-shaped area bounded by the following points: N03 50.4 W051 49.3 - N03 51.4 W051 49.5 - N03 50.7 W051 50.1. Altitudes Gnd - 1350' MSL. **LO-5/10D**.

TEMPORARY DANGER AREA estbld until 31 Dec 19. An irregular-shaped area bounded by the following points: S03 09.0 W059 59.9 - S03 09.1 W059 59.4 - S03 08.7 W059 58.7 - S03 08.6 W059 58.9 - S03 08.8 W059 59.8. Altitudes Gnd - 1400 MSL. **SBEG**.

TEMPORARY RESTRICTED AREA CROCODILO 2 established. A fan-shaped area comprised between arcs of 7 NM and 11 NM and radials of 230° and 260° of Porto Velho VOR (PVH). Altitudes: GND - 1000' AMSL. Active from 07 December 2017, 0000 UTC to 31 December 2019, 2359 UTC. **LO-6/2D**.

TEMPORARY RESTRICTED AREA CROCODILO 2A established. A fan-shaped area comprised between arcs of 11 NM and 15 NM and radials of 230° and 260° of Porto Velho VOR (PVH). Altitudes: GND - 1500' AMSL.Active from 07 December 2017, 0000 UTC to 31 December 2019, 2359 UTC. **LO-6/2D**.

The following NDB have been decmsnd:

EL TROMPILLO (TCZ)

TRINIDAD (TDD)

SAN JOAQUIN (JOA)

## SOUTH AMERICA

MONTEAGUDO (AGU)  
SUCRE (SRE). **SLVR 10-1.**  
TUPA NDB (TUP) dcmsnd (S22 W051).  
**LO-11/7B.**  
Vitoria CTR Class 'D' airspace chgd to Class 'C'  
**LO-8/3C.**  
Z1 MUGIS CRP (S17 01.2 W047 08.9) estab-  
lished. LUVSU - MUGIS - ISOPI 47/31NM.  
**SBBR.**

## CHILE

## ATS ROUTES changed:

DIRECT ROUTE ALDAX - Iquique (IQQ) VOR  
redesig T/UT210 (S20 W070). **LO-9, HI-1.**  
DIRECT ROUTE redesig V107 Domingo (DGO)  
VOR - LINER (S33 W071). **SCEL.**  
DIRECT ROUTE withdrawn Antofagasta (FAG)  
VOR - EKEVI (S23 W070). **HI-1.**  
DIRECT ROUTE withdrawn Antofagasta (FAG)  
VOR - SACON (S23 W070). **LO-10.**  
DIRECT ROUTE withdrawn Domingo (DGO)  
VOR - VISEK (S34 W072). **SCEL.**  
Q803 MORMI - ISEKA MEA FL110. **SA LO-10.**  
T107 extended one-way S-bnd LINER CRP  
(S33 55.5 W070 45.1) - ANDIX CRP 199°/  
018°, 51NM, MEA FL 110 **SCEL.**  
T131 ATEDA - DONTI MEA FL110 **LO-10/2C,**  
**SCEL.**  
T315 redesig one way S-bnd SULNA - Tongoy  
VOR (TOY). (S27 W073) **SA LO-10.**  
UB560 withdrawn Tongoy (TOY) VOR - MIBAS.  
**HI-2/3.**  
UL322 redesig one way S-bnd ASIMO - Tabon  
VOR (TBN). (S31 W070). **SA HI-2.**  
UM529/UM799 redesig one way SW-bnd  
ASIMO - Tabon VOR (TBN) (S31 W070). **SA**  
**HI-2.**  
UM789 TARKA renamed VUREL (S21 W069).  
**SA HI-1.**  
UQ803 LESTA renamed UGOLA. S33 W071  
**SCEL, HI-2.**

UT127 SILAS NCRP estbld (S41 37.0 W073  
06.0). Puerto Monntt VOR (MON) - SILAS -  
GENEK 11/45NM. **SCTE, HI-2.**  
UV107 estbld one-way SE-bnd Domingo VOR  
(DGO) (S33 39.4 W071 36.9) - LINER CRP  
108°/288°, 46NM, MEA FL250. **SCEL.**  
UV204/UV208 KABIL renamed MOLPU (S32  
W070). **SA HI-2.**  
V204 estbld Antofagasta VOR (FAG) - VUBLA  
060°/242°, 57NM, MEA FL130; VUBLA -  
Calama VOR (LOA) 059°/240°, 47NM. (N23  
W070) **SA LO-10.**  
V208 extended Tongoy (TOY) VOR - La  
Serena (SER) VOR 032°/214°, 26NM, MEA  
5000 (S30 W071) **LO-10.**  
W202 withdrawn Calama VOR (LOA) - Mejil-  
lones DB (MJL). **LO-10/2A.**  
W204 withdrawn Iquique NDB (UCU) - Mejil-  
lones NDB (MJL). **LO-10/2A.**  
MJLFAG, T103, UL540, UT103 Mejillones NDB  
(MJL) redesig EKEVI CRP (S23 06.6 W070  
26.6). **LO-10/2A.**  
PROHIBITED AREA SC(P)-26 estbld (E of  
Santiago (AMB) VOR) as follows: A circle  
with a .15 NM radius centered on S33 26.3  
W070 39.2. Altitudes: GND - 1000 AGL.  
**SCEL.**  
PROHIBITED AREA SC(P)-29 estbld (SW of  
Ventanas (VTN) VOR) as follows: A circle  
with a radius a .15 NM radius centered on  
S33 02.9 W071 36.3. Altitudes: GND - 1000  
AGL. **SCEL.**  
PROHIBITED AREA SC(P)-51 estbld (E of  
Santiago (AMB) VOR) as follows: A circle  
with a .15 NM radius centered on S33 23.0  
W070 31.3. Altitudes: GND - 3800' AMSL.  
**SCEL.**  
T103, T797, UL797, UM789 Iquique NDB  
(UCU) redesig OPLES CRP (S20 34.3 W070  
11.0). **LO-10/2A.**  
TONGOY, Chile NDB (TOY) dcmsnd.  
**LO-10/2C.**



## SOUTH AMERICA

## COLOMBIA

## ATS ROUTES changed:

A550 chgd to bi-directional PUGSO - KIKAS. **SKBO.**

B689 KAKOL - Los Cedros VOR (LCE) - REMUK MEA 10000. **LO-3/8C-D.**

G430 withdrawn Mariquita VOR (MQU) - Girardot VOR (GIR). **LO-3/7C-D.**

R564 chgd to one-way SW-bnd MANGA - Cali VOR (CLO)). **LO-3/7C, SKCL.**

R564 DODGI NCRP estbld (N03 42.4 W075 48.8) OREGA - DODGI - MANGA 21/19 NM. **LO-3/7C, SKCL.**

Sogamoso (SOG) NDB replaced with SOGAM and all associated airways are realigned (N05 W072). **HI-3, LO-5, SKBO, HI-1.**

UA319 segment Tabogo I VOR (TBG) - OGRUL - AGUJA - ESKOR - NESMO - SIPOK - OSUBO - ERIKO - OROSA withdrawn. **MPTO.**

UA574 segment Tabogo I VOR (TBG) - PONPO - BPGAL - Cartagena VOR (CTG) withdrawn. **MPTO.**

UL305 redesign one way S-bnd, NIRBU CRP estbld (N01 40.5 W075 18.1), SIDOV withdrawn. Girardot VOR (GIR) - NIRBU - PULTU 153/98NM. **SKBO.**

UL342 chgd to one way NE-bnd Puerto Leguizamo VOR (PLG) - ELABU. **SKBO.**

UM597 estbld AGUJA - ESKOR - NESMO 051°/231°, 35/76 NM; NESMO - SIPOK - OSUBO 052°/234°, 56/21 NM, MEA FL250; OSUBO - ERIKO - OROSA 053°/234°, 83/12 NM. EFF 31 JAN 2019. **MPTO.**

UN420 realigned BUSMO - NIRBU - ORBAB CRP (N00 49.7 W074 47.8) 154°/336° 351/59 NM; ORBAB - ROLUS 137 NM; ROLUS - LIMPO 168°/348° 237 NM. EVTOX withdrawn. **SKCL.**

UQ114/UQ122 IVSAN renamed ARMUM. **SKBO.**

UQ123 estbld one way SW-bnd ELABU - NIRBU CRP (N01 40.5 W075 18.1) 222°/040°, 191NM, MEA FL245. **SKBO.**

UW93 estbld one-way NE-Bnd Sogamoso NDB (SOG) - KIKAS 043°, 100 NM, MEA FL250. **SKBO.**

UW93 withdrawn Sogamoso (SOG) NDB to KIKAS (N05 W072). **HI-3, SKBO, HI-1.**

V709 bi-directional Buvis VOR - GEVBA CRP (N05 30 .49 W074 11.3) - Palanquero VOR (PAL) (N05 29.2 W074 39.6) 274°/093°, 20/28 NM, MEA 14000/10000; One way W-bnd (PAL) VOR - SAVGA CRP (N05 31 .5 W07450.3) - RENOS 288°/108° 11/20 NM, MEA 5000/11000. **SKBO.**

V710 bi-directional Palanquero VOR (PAL) (N05 29.2 W074 39.6) - ISNIM CRP (N06 06.8 W074 40.8) 004°/184° MEA 5000'; ISNIM - OTU VOR (OTU) MEA 10000' 38/55 NM. **SKBO.**

V711 one-way S-bnd MUGOP - PUDSU CRP (N05 37.7 W074 48.7) 139°/319° MEA 11000'; PUDSU - Palanquero VOR (PAL) (N05 29.2 W074 39.6) MEA 5000' 20/13 NM; bi-directional (PAL) - EDSID CRP (N05 21.4 W07428.4) 131°/311° MEA 9000'; EDSID - VULAM MEA 12000' 14/6 NM. **SKBO.**

V712 bi-directional Mariquita VOR (MQU) - TOLOD CRP (N05 19.6 W074 48.7) 050°/230° MEA 7000'; TOLOD - Palanquero VOR (PAL) (N05 29.2 W074 39.6) MEA 5000'; (PAL) - PQ900 (N05 42.4 W074 32.4) 035°/215° MEA 5000'; PQ900 - PQ901 (N06 04.0 W074 21.0); PQ901 - VUNRO CRP (N06 45.0 W073 57.6) MEA 7000; VUNRO - Barrancabermeja VOR (EJA); 10/13/15/25/47/19 NM. **SKBO.**

W16 LOTOA NCRP estbld (N04 19.1 W074 41 .1) KAMIS- LOTOA - Girardot (GIR) VOR 5/13 NM. **LO-3/7C, SKBO.**

W17 IRIDA renamed BACUE. **LO-5/6D.**

**SOUTH AMERICA**

W17 One way W-Bnd Tulua VOR (ULQ) - SIPAR 271°/091° 20NM. **SKCL**.

W18 DOGTA replaced by CEIFA. NCRP (N04 05.6 W073 52.0) DANSA - CEIFA - ROPOR 8/25 NM. **LO-5/6C, SKBO**.

W34 chgd to one way NE-bnd Cucuta (CUC) VOR - LUCHA CRP. **SKBO**.

W44 chgd to bi-directional Zipaquira (ZIP) VOR - Soacha (SOA) VOR. **SKBO**.

W47 withdrawn BARRANCA DE UPIA (UPI) NDB - ANGUV. **LO-5/6C**.

W85 ICAER CRP estbld (N04 04.5 W074 51.6) Girardot (GIR) VOR - ICAER - MORMO 7/12 NM; MEA 8000'/12000'. **LO-3, SKBO**.

Z008 estbld DIBAM CRP - UGOSA CRP 009°/ 189°, 92NM, MEA 8000 Until 05-Dec-19 (N08 W074- N10 W074). **LO-1, LO-5, SKBO**.

Z009 estbld OREGA - MONVI CRP (N02 59.2 W076 11.5) 224°/024°, 67 NM, MEA 16000; MONVI - KONKO CRP (N02 38.8 W076 27.2) 224°/024°, 26 NM, MEA 14000; KONKO - Popayan (PPN) VOR 225°/045°, 15 NM, MEA 11000. OPPOSITE Cruise Levels. **LO-3, SKCL**.

BARRANCA DE UPIA (UPI) NDB HOLDING withdrawn. **LO-5/6C**.

BARRANCA DE UPIA (UPI) NDB replaced by UBNOT CRP same position. All affected airways realigned thereafter (W25,W47). **LO-5/6C**.

DANGER AREA SK(D)-46 estbld (NE of Tolemaida VOR (TOL) a 2NM radius centered on N04 17.1 W074 36.1. Altitudes GND-8000. **SA LO-3, SKBO**.

DODGI HOLDING estbld; 249° inbound track, RIGHT turns. **LO-3/7C, SKCL**.

PALANQUERO TMA estbld. An irregular-shaped area approx. 40NM E-W by 80NM N-S centered approx 60NM NE of Mariquita (MQU) VOR. Altitudes GND - UNL. Time of operation 24 hrs. **SKBO 10-1, SKBO 10-1A**.

Palanquero, VORDME cmsnd. Ident "PAL", freq 114.20. coords at N05 29.3 W074 39.6. **SKBO 10-1, SKCL 10-1T**.

Prohibited Area SK (P)-32 estbld (N03 27.5 W076 30.0). A circle 3 NM SW of Cali VOR (CLO). Altitudes GND - 8000' MSL. **SKCL 10-1**.

RESTRICTED AREA SK(R)-9 vertical limits chgd to 11500' MSL SW of Soacha VOR (SOA). **LO-3/7C, SKBO**.

TRAINING AREA E-47 estbld. A circle 5 NM radius aprox 10 NM of West Barrancabermeja VOR (EJA). Altitudes GND - 5500' MSL. Times of operations SR-SS and in VMC. **LO-5/6A, SKBO 10-1A**.

TRAINING AREA E-48 estbld. A circle 5 NM radius aprox 15 NM NW of Barrancabermeja VOR (EJA). Altitudes GND - 5500' MSL. Times of operations SR-SS and in VMC. **LO-5/6A, SKBO 10-1A**.

TRAINING AREA E-49 estbld. A circle 5 NM radius aprox 20 NM of NE Barrancabermeja VOR (EJA). Altitudes GND - 5500' MSL. Times of operations SR-SS and in VMC. **LO-5/6A, SKBO 10-1A**.

TRAINING AREA SK(E)-51 estbld. An irregular shaped area approx 4NM S-N by approx 7NM E-W beginning approx 5NM w of Manizales VOR (MZL). Altitudes GND-7500. (N05 W075). **SA LO-3, SKBO**.

**CURITIBA FIR**

From 24 May 2018, 0000 UTC to 24 May 2020, 2359 UTC.

(COA) VOR 113.60MHZ unserviceable.

**DOMINICAN REPUBLIC**
**ATS ROUTES changed:**

UL216 established El Catey (DCY) VOR - FIDEL CRP (N19 31.7 W069 54.2) - LERED 340°/160°, 18/61 NM. **MDPP**.



**SOUTH AMERICA**
**ECUADOR**
**ATS ROUTES changed:**

UL305 redesign one way S-bnd PULTU - TERAS. **HI-1/4.**

UM674 KETOM - TOSES CRP (S03 29.9 W 078 20.5) - ROBIG 142/191NM. EVLIM withdrawn. **SEQM.**

W/UW33 estbld Guayaquil VOR (GYV) - BIVAN CRP 035°/216°, 40NM MEA 3000 (S02 W080) **LO-3, HI-1.**

W5/W11/W29 Ambato VOR (AMV) redesign TIRTI CRP. **SEQM.**

AMBATO VOR (AMV) decmsnd. **SEQM.**

**FRENCH GUIANA**
**ATS ROUTES changed:**

UM791 redesign standard flight levels Barbados VOR (BGI) - DOLRO (N09 W054); DOLRO - ARNAM redesign even flight levels. **HI-3, HI-4.**

**LIMA FIR**
**ATS ROUTES changed:**

U/T333/UM548/UM793 EKUVA NCRP chgd to CRP. **LO-9/5D.**

**MEXICO**

NAUTLA (NAU) VOR decmsnd and replaced with AVALI CRP at same position (N20 W096). **HI-7.**

**PANAMA**
**ATS ROUTES changed:**

U/G437 withdrawn Taboga VOR (TBG) - DUXUN. **MPTO 10-1.**

UB510 Taboga VOR (TBG) - La Palma VOR (PML) - KUBEK withdrawn. **MPTO.**

UB510 withdrawn Taboga VOR (TBG) - COLBY. **MPTO 10-1.**

UG434 redesignated UL347 Taboga VOR (TBG) - TIMRO - EKENA - KASOR 022°/

202°, 187/111/89 NM, MEA FL200. **MPTO 10-1.**

UL335 estbld Taboga (TBG) VOR - PONPO CRP (N09 16.2 W078 12.0) - BOGAL 074°/254° 86/50NM. **MPTO.**

UM538 Taboga VOR (TBG) - PUDAK withdrawn. **MPTO.**

UM542 estbld Taboga VOR (TBG) - MIKUS - DAGAS - COLBY 013°/194°, 99/73/204 NM, FL200 MEA. **MPTO.**

UM542 estbld Taboga VOR (TBG) - RODAX CRP (N07 46.0 W079 47.7) - DABON CRP (N06 25.2 W080 05.9) 197°/017° 63/82NM MEA FL200; DABON- TINPA CRP (N04 30.3 W080 30.9) 117NM. **MPTO.**

UM597 estbld Taboga VOR (TBG) - AGUJA 048°/228°, 182 NM, FL200 MEA. **MPTO.**

UP790 estbld Taboga VOR (TBG) - KUBEK 112°/294° 147NM MEA FL200. **MPTO.**

BOCAS DEL TORO (BDT) VOR unserviceable till 31 DEC 19. **MPTO 10-1A.**

BOCAS DEL TORO, -apt renamed Jose Ezequiel Hall. **MPTO 10-1A.**

DANGER AREAS MP(D)-21 and 22 withdrawn (NW of Santiago VOR (STG)). **MPTO.**

RESTRICTED AREA MP(R)-24 withdrawn (SE of Taboga Island VOR (TBG)). **MPTO.**

**PANAMA FIR**

BOCAS DEL TORO, -apt renamed Jose Ezequiel Hall. **MPTO 10-1A.**

**PARAGUAY**

ENCARNACION VOR (VEN) 116.9 cmnd at S27 13.9 W55 50.2. **LO-10/4C.**

Mariscal Estigarribia NDB (MCL) decmsnd. **LO-10/3B.**

**PERU**
**ATS ROUTES changed:**

T311 DANTU renamed ISTAR. **LO-6/1C.**

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- T333 estbld one-way W-bnd Andahuaylas VOR (AND) - PALUK CRP (S13 43.6 W074 22.0) 273°/092°, 58 NM, MEA FL200; PALUK - EKUVA NCRP (S13 44.0 W075 09.6) 272°/092°, 46 NM, MEA FL200; EKUVA - ROKOP CRP (S13 44.2 W075 36.8) 272°/092°, 26 NM, MEA FL170; ROKOP - PISCO VOR (SCO) 272°/091°, 35 NM, MEA FL130. **SA LO-4/p1D.**
- T334 estbld one-way SE-bnd Pisco VOR (SCO) - KOSKO CRP (S13 32.5 W075 31.9) 075°/256°, 41 NM, MEA FL140; KOSKO - LIXIT CRP (S13 24.9 W075 05.8) 076°/256°, 27 NM, MEA FL170; LIXIT - VUPUD CRP (S13 18.8 W074 45.2) 076°/256°, 21 NM, MEA FL200; VUPUD - Ayacucho NDB (AYA) 076°/256°, 33 NM, FL 200. **SA LO-4/1D.**
- T336 estbld ASOXI CRP (S12 45.6 W076 36.4) - REKEM 109°/289° 60 NM, MEA FL200; REKEM - VUPUD - Andahuaylas (AND) VOR 109°/290° 53/84 NM MEA FL210. **LO-4/1D, LO-9/5B,6A, SPJC.**
- T337 estbld ISOKI CRP (S16 14.6 W073 34.7) - TOROK 098°/279° 34 NM, TOROK - SIMEL - Shiuas (UAS) VOR 099°/279° 28/22 NM MEA FL150. **LO-9/5C.**
- U/V11 Jorge Chavez VOR (JCL) - Andahuaylas VOR (AND) withdrawn. **LO-4/1D, LO-9/5B, 6A, SPJC.**
- UP776 estbld bi-directional ILMUX - SATPO - RONSO 216°/036°, 71/59 NM, MEA FL250; One-way S-bnd RONSO - LODIN 214°/032°, 207 NM; LODIN - TOKAN 212°/032°, 132 NM; TOKAN - ILROL 211°/031°, 80 NM; ILROL - KALAR 197°/016°, 45 NM. **SPJC.**
- UT311 ILMUX - SATPO - RONSO - ISTAR - LODIN - TOKAN - ILROL - KALAR withdrawn. **SPJC.**
- UT336 estbld ASOXI CRP (S12 45.6 W076 36.4) - REKEM 109°/289° 60 NM, REKEM - VUPUD - Andahuaylas (AND) VOR 109°/290° 53/84 NM. **SPJC.**
- UV1 withdrawn Jorge Chavez (JCL) VOR - Tacna (TCA) VOR. **SPJC.**
- V1 withdrawn Salinas (SLS) VOR - Tacna (TCA) VOR. **LO-4/1C,D,2C, LO-9/5A,B,C, 6D, SPJC.**
- V11 VUPUD CRP (S13 18.8 W074 45.2) estbld. REKEM - VUPUD - Andahuaylas VOR (AND) 53/84 NM. **SA LO-4/1D.**
- V14 Atico (ACO) NDB - Shiuas (UAS) VOR withdrawn. **LO-9/6C.**
- V17 Pucallpa NDB (PUL) - COCOS - Tingo Maria NDB (TGM) withdrawn. **LO-4/3C, LO-6/1C.**
- ASIA VOR/DME (ASI) decmsnd and replaced by ASOXI CRP same position. All affected airways realigned thereafter (L525, T246, T336, UL550, UM415, UM548, UM793, UT224, UT336). **LO-4/1D, LO-9/5B, SPJC.**
- ATICO NDB (ACO) decmsnd and replaced by ISOKI CRP same position. All affected airways realigned thereafter (L525, T337, UT337, UT224). **LO-9/6C.**
- PROHIBITED AREA SP(P)-92 estbld (SE of Jorge Chavez (JCL) VOR) as follows: A circle with a 1 NM radius centered on S12 29.7 W076 47.9. Altitudes: GND - 3000' MSL. **LO-4, LO-9, SPJC.**
- RESTRICTED AREA SP(R)-47 withdrawn (S12 W077). **LO-4, SPJC.**
- RESTRICTED AREA SP(R)-58 withdrawn E of Jorge Chavez VOR (JCL). **LO-4/2C, LO-9/5B, SPJC.**
- RESTRICTED AREA SP(R)-86 lateral limits chgd to a circle with a 15 NM radius centered on S06 40.0 W080 54.0. **LO-4.**
- RESTRICTED AREA SP(R)-91 estbld. An irregular shape S of Jorge Chavez (JCL) VOR. Altitudes: GND-2000. **LO-4/1D, LO-9/5B, SPJC.**
- RESTRICTED AREA SP(R)-93 estbld (NE of Tacna (TCA) VOR) as follows: A circle with a

## SOUTH AMERICA

1 NM radius centered on S17 14.1 W069 47.9. Altitudes: GND - 1500' AGL. **LO-9.**

RESTRICTED AREA SP(R)-94 estbld (NE of Pisco (SCO) VOR) as follows: A circle with a 1 NM radius centered on S13 22.7 W076 04.9. Altitudes: GND - 1500' AGL. **LO-4, LO-9.**

TINGO MARIA NDB (TGN) decmsnd and replaced by IBARE CRP same position. All affected airways realigned thereafter (T216, T325, T327, UM414). **LO-4/2D, LO-6/1C.**

## SURINAME

## ATS ROUTES changed:

G443 ITASI - Zandery (ZY) VOR 127°/ 307°; (ZY) VOR - MINAL 120°/300° (N05 W054). **LO-5.**

G449 KETIL - Zandery (ZY) VOR 147°/ 327°, 40 NM; (ZY) VOR - NASON 145°/ 325°, 53 NM (N05 W054). **LO-5.**

UG443 GEBON - Zandery (ZY) VOR 127°/ 307°; (ZY) VOR - MIKOK 120°/300° (N05 W054). **HI-3, HI-4.**

UG449 GEKOS - Zandery (ZY) VOR 147°/ 327°, 142 NM; (ZY) VOR - VILAS 154°/ 334° 65 NM (N04 W054). **HI-3, HI-4.**

UL306 DIMAS - SIROS 248°/068°. ( N02 W054 ) **HI-3, HI-4.**

## URUGUAY

## ATS ROUTES changed:

W15 RAMON renamed REGOV; CARME renamed KORBU. **LO-12/2D, 3B, SAEZ.**

W23 AMISO renamed VULRO. **LO-12/2D, 3B, SAEZ.**

W23-W27 LORES renamed REBIN. **LO-12/3A, SAEZ.**

W25 RANDE renamed TESAD. **LO-12/3A, SAEZ.**

W29 BERTA renamed KOSPI. **LO-12/2B, SAEZ.**

## VENEZUELA

## ATS ROUTES changed:

UG432 withdrawn Maiquetia VOR (MIQ) - ARMUR. **SVMI.**

UN779 established ARMUR CRP (N15 32.5 W066 38.1) - SILVA CRP (N14 27.3 W066 40.3) 194°/014°, 65NM MEA FL250; SILVA - TOSOS CRP (N12 20.1 W066 50.9) 198°/ 018°, 127NM; TOSOS - MIDUR CRP (N11 47.0 W066 53.6) 33NM; MIDUR - MAIQUETIA (MIQ) 70NM. **SVMI.**

## TERMINAL CHARTS

## TERMINAL

**Alcantari**, Bolivia, HIRL is available for both Runways 18 and 36. PAPI-L (3.3 degrees) is available for Runway 36.

ALCANTARI, BOLIVIA (ALCANTARI) will read SUCRE, BOLIVIA (ALCANTARI).

**Aracatuba**, Brazil, Per SUP N223/2018 Runway 05/23, maintenance service on the sides.

Days and times: Daily 0900 - 2000 UTC

Period: From November 08, 2018, 0900 UTC to November 21, 2019, 2000 UTC.

Runway 5, 23 REIL available.

**Araxa**, Brazil, (10-3B) MASDI 1A DEP not available 11 OCT 2018 0000Z until 31 DEC 2019 2000Z per SUP N195/2018

**Asuncion**, Paraguay, (Asuncion Silvio Pettrossi Intl), Aircrews are advised that departures and arrivals will be subject to air traffic regulation while maintenance work on the runway lasts.

Runway maintenance work will take place in stages starting on August 19, 2019 and will last for approximately 50 days. Details are as follows:

Stage 1: Planned start on 8/26/2019 and completion on 09/08/2019. Runway 02 threshold displaced 1052m. Runway availa-

**SOUTH AMERICA**

ble 2300m. (11-1) ILS or LOC Z Rwy 20, (11-2) ILS or LOC A Rwy 20, and (12-1) RNAV (GNSS) Rwy 02 are out of service.

Stage 2: Expected start on 09/10/2019 and completion on 09/23/2019. Runway 20 displaced 1052m. Runway available 2300m. (11-1) ILS or LOC Z Rwy 20, (11-2) ILS or LOC A Rwy 20, and (12-2) RNAV (GNSS) Rwy 20 are out of service.

Stage 3: Expected start on 09/24/2019 and completion on 10/15/2019. Affected area: the central part of the Runway. Runway will be closed from 09/24/2019 to 10/05/2019 between 1300UTC to 2000UTC, and from 10/06/2019 to 10/15/2019 between 1200UTC to 1900UTC.

**Balmaceda**, Chile, During construction works, PAPI for Rwy 09/27 is out of service. The start and end dates of these activities will be those published by NOTAM.

During the operation period of Rwy 09L, the following SIDs from Rwy 09 will apply to Rwy 09L.

(10-3A) OPURA 1B, REKOD 1B, ROGEL 1B DEPS

(10-3C) PARET 1B RNAV DEP

(10-3E) REKOD 1D RNAV DEP

During the operation period of Rwy 09L, the following STARs to Rwy 09 will apply to Rwy 09L.

(10-2) ARGOS 1A, OPURA 1A ARRS

(10-2A) ARGOS 1B, OPURA 1B ARRS

(10-2B) ARGOS 1C, OPURA 1C, PARET 1B RNAV ARRS

(10-2D) MANTI 2 ARR

(10-2E) PARET 1A ARR

(10-2F) ROGEL 1 ARR

During the operation period of Rwy 27R, the following SIDs from Rwy 27 will apply to Rwy 27R.

(10-3) LISAL 2, OPURA 1A, REKOD 1A DEPS

(10-3B) PARET 1A DEP

(10-3D) REKOD 1C RNAV DEP

(10-3F) ROGEL 1A DEP

During the operation period of Rwy 27R, the following STARs to Rwy 27 will apply to Rwy 27R.

(10-2) ARGOS 1A, OPURA 1A ARRS

(10-2C) ARGOS 1D, OPURA 1D, PARET 1C RNAV ARRS

(10-2E) PARET 1A ARR

(10-2F) ROGEL 1 ARR

The following procedures are not available while Rwy 09L/27R is in use:

13-1 VOR RWY 09

13-2 VOR RWY 27

12-1 RNAV (GNSS) Y RWY 09

12-2 RNAV (GNSS) Y RWY 27

12-21 RNAV (RNP) Z RWY 09

12-22 RNAV (RNP) Z RWY 27

Temporary procedures have been published to Rwy 09L/27R

**Barra Do Garcas**, Brazil, BAG DME CH80X not available.

From 12 September 2019, 0000 UTC to 31 March 2020, 2359 UTC.

Per BRAZIL SUP N175-19.

**Bauru**, Brazil, (Bauru-Arealva), Per SUP N225-18; Runway 17/35, maintenance service on the sides.

1) Days and times: H24

Period: From November 08, 2018, 0000 UTC through December 29, 2019, 2100 UTC.

Per SUP N127/2019 Rwy 14/32 will have maintenance service on the sides

1) Days and Hours: Daily 0900-2200 UTC

Period: From June 20, 2019, 0900 UTC until January 18, 2021, 2200 UTC.

## SOUTH AMERICA

Per SUP N226-18, VASIS (AVASIS) RWY 14 not usable.

Period: From November 08, 2018, 0000 UTC through November 8, 2019, 2359 UTC.

**Belem**, Brazil, (Val De Cans-Ribeiro Intl), (10-3J) JANES 1 RNAV DEP RWY 02 suspended. 08 DEC 2016 0000Z until 31 DEC 2019 2359Z, per SUP A103/16.

(10-9) - Runway 06/24 operations PROHIBITED for aircraft with wingspan of more than 118' (36m) in moderate or heavy rain, and aircraft with wingspan less than or equal to 118' (36m) in heavy rain. Per AIP SUP A073/2019

(12-4) RNAV (GNSS) Rwy 24 not available to LNAV/VNAV from 25 May 2017 at 0000 UTC until 31 December 2017 at 2359 UTC.

Per AIP SUP A038-17

RNAV (GNSS) RWY 24 LNAV/VNAV unavailable

Runway 06/24 prohibited aircraft operations with a wingspan exceeding 118' (36m) in moderate or strong rainfall and

aircraft with a wingspan equal to or less than 118' (36m) forbidden operations in heavy rain.

**Belo Horizonte**, Brazil, (Pampulha-Carlos Drummond De Andrade), (12-1) RNAV (GNSS) A RWY 31 not available.

From 12 September 2019, 0000 UTC to 31 December 2020, 2359 UTC.

Per BRAZIL SUP N174-19.

Per SUP N232/19; Facilities and Services A / G TWR (TRAFFIC) Belo Horizonte 121.100MHZ not usable.

Period: From October 10, 2019, 0000 UTC to February 1, 2021, 2359 UTC. Eff 10 Oct 19.

**Bogota**, Colombia, (Eldorado Intl), (13-3) VOR-A Rwy 31L/31R Speed restriction at AMVES holding should read "MAX 230 KT."

**Bonito**, Brazil, (10-3) DOKMA 1, ISONI 1, KODRI 1 RNAV DEPS RWY 18 unavailable

from 18 JUL 2019 0000Z until 18 JUL 2029 2359Z per SUP N138/2019.

(10-3A) DOKMA 1, ISONI 1, KODRI 1 RNAV DEPS RWY 36 unavailable from 18 JUL 2019 0000Z until 18 JUL 2029 2359Z per SUP N139/2019.

**Brasilia**, Brazil, (Pres Juscelino Kubitschek Intl), Per Sup A035/2019 / N056/2019 PAPI RWY 29R unserviceable

1) Days and Hours: H24

Period: 28 March 2019, 0000 UTC to 31 December 2019, 2359 UTC.

Per Sup A036/2019 / N057/2019 PAPI RWY 29L unserviceable

1) Days and hours: H24

Period: From 28 March 2019, 0000 UTC to 31 December 2019, 2359 UTC

Per Sup A038/2019 / N058/2019 - ILS CAT I RWY 29R unserviceable

1) Days and hours: H24

Period: From 28 March 2019, 0000 UTC to 31 December 2019, 2359 UTC.

Per Sup A039/2019 / N059/2019 - ILS CAT I RWY 29L unserviceable

1) Days and hours: H24

Period: From 28 March 2019, 0000 UTC to 31 December 2019, 2359 UTC.

Per Sup A040/2019 / N060/2019 - ALS (ALSF-1) RWY 29L unserviceable

1) Days and hours: H24

Period: From 28 March 2019, 0000 UTC to 31 December 2019, 2359 UTC.

Per Sup A041/2019 / N061/2019 - ILS (MALSR) RWY 29R unserviceable

1) Days and hours: H24

Period: From 28 March 2019, 0000 UTC to 31 December 2019, 2359 UTC.

Per SUPs A118/19 and N223/19, RNAV (GNSS) Z RWY 11L (12-1) unserviceable.

Period: From 29 October 2019, 0000 UTC to 01 August 2020, 2359 UTC. Eff 29 Oct 19.

## SOUTH AMERICA

Per SUPs A119/19 and N224/19, VOR/DME BSI 116.30MHZ/CH110X unserviceable.

Used in charts (11-2-0), (11-5-0), (11-6), (11-9), (11-12), (13-1), (13-2), (13-3), (13-4).

From 10 october 2019, 0000 UTC to 31 december 2020, 2359 UTC. Eff 10 Oct 19.

Taxiway P closed from 31 Jan 19 until 31 Dec 2025 per AIP SUP A015-19

**Cajamarca**, Peru, (Gen Armando Revoredo Iglesias), MAR NDB is out of service.

**Caldas Novas**, Brazil, (10-3) GUARI 1, OPRAX 1, ROMIK 1, SATNA 1, YBA 1 DEPS RWY 27 not available from 26 APR 2018 0000Z until 01 DEC 2019 2359Z per SUP N081/2018

**Campinas**, Brazil, (Viracopos Intl), PAPI Runway 33 changed Minimum Eye Height over Threshold to 65'.

From 07 Dec 2017 000 UTC to 31 Dec 2019, 2359 UTC

**Campo Grande**, Brazil, (Campo Grande Intl), RWY 06 lighting changed from MALS to MALSF.

**Campos Dos Goitaczes**, Brazil, (Bartolomeu Lisandro), (16-1, 16-2) NDB CPO 225KHZ not usable.

From October 10, 2019, 0000 UTC to November 4, 2019, 2359 UTC.

Per Brazil SUP N220/2019 Eff 10 Oct 19.

**Carolina**, Brazil, (Brig Lysias A Rodrigues), All facilities and lights in the landing area are unavailable.

Until 31 Dec 2019, 2359 UTC, the last 230' (70m) of the runway 11 closed for takeoff and first 525' (160m) of runway 29 closed for landing.

Declared Distance of Rwy 11/29 Modified:  
TORA TODA ASDA LDA

RWY 11 5906'(1800m) 5676'(1730m)  
5906'(1800m) 5906'(1800m)

RWY 29 5906'(1800m) 5906'(1800m)  
5906'(1800m) 5381'(1640m)

**Cartago**, Colombia, (Santa Ana), Addition of the following notes to the Airport chart (10-9); Resistance of paragliders from the ground up to 8,000 feet above average level of the sea, exercise caution.

Concentration of birds in the vicinity of the aerodrome, exercise precaution.

**Chapeco**, Brazil, VOR / DME XPC 116.10 / CH108X not usable.

Period: From October 11, 2018, 0000 UTC until October 10, 2019, 2359 UTC. Per N188/2018

**Ciudad Del Este**, Paraguay, (Guarani Intl), VES VOR DME (Ciudad Del Este) out-of-service. Instrument approach procedures for Rwy 5-23 based on the VES VOR DME are suspended.

Utilize instrument approach procedures based on satellite navigation, (11-1) ILS Z Rwy 23, (12-1) RNAV (GNSS) Z Rwy 05, (12-2) RNAV (GNSS) Z Rwy 23.

Also utilize instrument approach procedures, (11-2) FOXTROT ILS Rwy 23, (16-1) DELTA NDB Rwy 23, (16-2) CHARLIE NDB Rwy 05.

For aircraft which are unable to utilize GNSS based approach procedures into Rwy 05, and NDB approach procedures, ILS approach procedures for Rwy 23 are used down to MDA and then circle-to-land Rwy 05.

**Coari**, Brazil, (Urucu), Name Change to URUCU AFIS instead of URUCU Tower.

**Cobija**, Bolivia, (Cap Av Civ Anibal Arab Fadul), Rwy 02 turn-pad closed.

**Cochabamba**, Bolivia, (Jorge Wilsterman), Rwy 04/22 ident updated to Rwy 05/23.

The following procedures are unavailable:

IAC ILS/NDB 1 RWY 32 (11-3)

IAC ILS/NDB 2 RWY 32 (11-4)

IAC VOR B RWY 22 CNL (13-4)



## SOUTH AMERICA

**Comodoro Rivadavia**, Argentina, (Gen. Enrique Mosconi Intl), (10-2) BODUN 1U, ETASO 1U, IRAXO 1U RNAV ARRS RWY 25,

(10-2A) EGEU 1U, GATUD 1U, PUBL0 1U, VUKNA 1U RNAV ARRS RWY 25:

Temporarily suspended due to runway maintenance per C1N A4383/19.

(10-3) BODUN 1C, ETASO 1C, IRAXO 1C RNAV DEPS RWY 07,

(10-3A) BODUN 1G, ETASO 1G, IRAXO 1G RNAV DEPS RWY 25,

(10-3B) EGEU 1C, GATUD 1C, PUBL0 1C, VUKNA 1C RNAV DEPS RWY 07,

(10-3C) EGEU 1G, GATUD 1G, PUBL0 1G, VUKNA 1G RNAV DEPS RWY 25:

Temporarily suspended due to runway maintenance per C1N A4383/19.

Update note on temporary procedures: TEMPORARY PROCEDURE during operation of temporary Rwy 06/24. See Charts 10-8 thru 10-8D for construction information.

**Conceicao Do Araguaia**, Brazil, All facilities and lights in the landing area are unavailable.

Declared Distances for Rwy 08/26 MODIFIED. From 07 Dec 2017, 0000 UTC to 31 Dec 2019, 2359 UTC.

TORA TODA ASDA LDA

Rwy 08 5906' (1800m) 5906' (1800m) 6115' (1864m) 1476' (450m)

Rwy 26 1476' (450m) 1476' (450m) 1476' (450m) 3806' (1160m).

First 4429' (1350m) of runway 08 CLOSED for landing, first 2100' (640m) of runway 26 CLOSED for landing and last 4429' (1350m) of runway 26 CLOSED for take-off due obstacle. From 07 Dec 2017, 0000 UTC to 31 Dec 2019, 2359 UTC.

**Concepcion**, Paraguay, (Ten Crl Carmelo Peralta), Airport name changed to: TEN. CRL. P.A.M. CARMELO PERALTA INTL

**Cordoba**, Argentina, (Ing Aeron Ambrosio Lv Taravell), Rwy 18-36 has changed to Rwy 19-01. Rwy 01 has been temporarily displaced 700m and renamed Rwy 35 during construction.

Temporary Declared Distances to Rwy 19-35  
Rwy 19 - TORA = 8205' 2501m, LDA = 8205' 2501m

Rwy 35 - TORA = 8205' 2501m, LDA = 8205' 2501m

12-4 RNP Rwy 36 is not available during construction.

12-4-0 RNP Rwy 35 (TEMP) is available.

**Corrientes-Trompeteros**, Peru, (Trompeteros), PAPI (angle 3.00°) added to Rwy 29 per AIP SUP 17-16

**Corumba**, Brazil, (Corumba Intl), Per A046/2019 and N073/2019: RNAV (GNSS) Rwy 09 not available.

From 28 March 2019, 0000 UTC to 28 March 2020, 2359 UTC.

**Cruzeiro Do Sul**, Brazil, (Cruzeiro Do Sul-Intl), (16-1/16-2) CZS NDB decommissioned.

Aerodrome limited to domestic flights.

Limited aerodrome to domestic flight -- per Brazil - AIP SUP A137-A154-18 - 06 DEC 18

**Cucuta**, Colombia, (Camilo Daza Intl), Approach Comms updated to the following -  
Cucuta Approach North - 119.9  
Cucuta Approach South - 119.6

**Cuiaba**, Brazil, (Marechal Rondon Intl), Per Sup A093/2019 and Sup N185/2019

CIA VOR 113.70MHz unserviceable between radial 336 to 350.

Period: From 12 September 2019, 0000 UTC to 10 September 2020, 2359 UTC.

**Curacao I**, Neth Antilles, (Willemstad-Hato Intl), Work in progress on terminal building. Cranes in the area up to 275' AGL.

Downgrading of taxiway A may take place.

## SOUTH AMERICA

Backtracking on runway to taxiway C may be necessary.

**Curitiba**, Brazil, (Afonso Pena Intl), (11-4) ILS U RWY 15 CAT II & III

Operations for CAT III not available. Period from OCT 11 2018 until OCT 11 2019, 2359.

Parking apron limited to operations of maximum one aircraft at a time with wingspan equal to or greater than 200' (61m).

H24.

From 28 March 2019, 0000 UTC to 31 December 2019, 2359 UTC.

Per BrazilAIP SUP A034/2019.

Per Brazil SUPs A115/2019 and N218/2019

Runway 15/33 closed due to works.

Days and hours:

OCT 10, 15, 17, 22, 24, 29, 31 0325-0800

NOV 05, 07, 12, 14, 19, 21, 26, 28 0325-0800

DEC 03, 05, 10, 12, 17, 19 0325-0800

OCT 11, 18, 25 0320-0800

NOV 01, 08, 15, 22, 29 0320-0800

DEC 06, 13, 20 0320-0800

OCT 13, 20, 27 0335-0800

NOV 03, 10, 17, 24 0335-0800

DEC 01, 08, 15 0335-0800

OCT 12, 14, 19, 21, 26, 28 0330-0800

NOV 02, 04, 09, 11, 16, 18, 23, 25, 30 0330-0800

DEC 02, 07, 09, 14, 16, 0330-0800.

Period: From 10 October 2019, 0325 UTC to 20 December 2019, 0800 UTC. Eff 10 Oct 19.

**Durazno**, Uruguay, (Santa Bernardina Intl), PAPI removed from Runway 03/21 and Runway 10.

RWY 03 Approach lights updated to SALS High Intensity

RWY 21 Approach lights updated to MALSR Cat I High Intensity

**El Yopal**, Colombia, Procedure Not Authorized: RNAV (GNSS) Rwy 05 & RNAV (GNSS) Rwy 23

**Fernando De Noronha**, Brazil, Per N036/2019: All landing area lights are unavailable.

February 28, 2019, 0000 UTC through December 31, 2020, 2359 UTC.

**Florianopolis**, Brazil, (Hercilio Luz Intl), K0953/19 NOTAMN which refers to SUP N207/19 advises that the changes depicted on the following charts during Sep 06 Revision (10-9), (10-9A), (10-9B), (10-9C), (10-9D) have been postponed due to airport authority delay. Changes are now effective on OCT 02 19.

Local traffic regulations modified.

1) Days and hours: H24

2) General aviation aircraft prior permission required 24h prior to arrival, from Operations Coordination Center (CCO), by e-mail: cco@floripa-airport.com, regardless of the length of stay. Should you have any questions please contact +55 48 3012-4434, +55 48 3331-4095 or +55 48 3331-4012.

3) The following information must be provided in the message to the CCO:

a. Registration; b. Date of operations; c. Origin/Destination (IATA/ICAO); d. Time for LDG and TKOF (local time); e. PMD/MTOM (in kilograms);

f. Aircraft model (ICAO and IATA); g. Aircraft owner/operator, with CPF or CNPJ.

From 31 January 2019, 0000 UTC to 31 December 2019, 2359 UTC. Per BRAZIL AIP SUP A013/2019

Per SUPs A089/2019 and N166/19;

Runway turning bay 14/32 closed due to works.

1) Days and hours: H24

Period: From 15 August 2019, 0000 UTC to 28 May 2020, 2359 UTC.



**SOUTH AMERICA**

**Forquilha, Brazil, (Forquilha-Criciuma),**  
(10-3) DOGPO, DONRO, EGBIP & ITBEB  
1A, JUICE 2A RWY 09 DEPS unavailable  
from 18 JUL 2019 0000Z until 31 DEC 2019  
2359Z per SUP N147/2019.

(10-3A) DOGPO, DONRO, EGBIP & ITBEB 1B,  
JUICE 2B RWY 27 DEPS unavailable from  
18 JUL 2019 0000Z until 31 DEC 2019  
2359Z per SUP N148/2019.

Birds in airport vicinity.

Per SUP N149-19

(12-1) RNAV (GNSS) RWY 09 not available.

Period: From July 18, 2019, 0000 UTC to  
December 31, 2019, 2359 UTC.

Per SUP N150-19

(12-2) RNAV (GNSS) RWY 27 not available.

Period: From July 18, 2019, 0000 UTC until  
December 31, 2019, 2359 UTC

**Foz Do Iguacu, Brazil, (Cataratas Intl), ILS GP**  
RWY 14 inoperable.

Period: From November 08, 2018, 0000 UTC  
through November 8, 2019, 2359 UTC. Per  
SUP N229- 2018

PER SUP A062/2019 - N105/2019

- Modify (12-1) RNAV (GNSS) RWY 14.

1) In the Straight-in MNM for Landing Direct:  
LNAV/VNAV - ALS/NO ALS to VIS 800 RVR  
650 / VIS 1400 RVR 650

LNAV - ALS/NO ALS to CAT A/B: VIS 800  
RVR 700 / VIS 1600 RVR 700 and CAT  
C/D/E: VIS 1100 RVR 1000 / VIS 1800 RVR  
1000.

Period: From 23 May 2019, 0000 UTC to 31  
December 2019, 2359 UTC.

Per SUP A095/19 and N187/2019, Runway  
14/32, maintenance service on the sides.

1) Days and hours: MON TIL SAT 0100-0900  
UTC.

Period: From 24 September 2019, 0100 UTC  
to 26 October 2019, 0900 UTC.

**Georgetown, Guyana, (Cheddi Jagan Intl),**  
(10-8) Operations on Airside to Facilitate  
Construction - project has been extended.  
Note and End date changed to read:

End Date: 30th September, 2019

(10-9) Parking positions 1 to 4 have been real-  
igned from North to South with their new  
coordinates as follows:

Parking Position 1 - N6 30.2 W058 15.1

Parking Position 2 - N6 30.2 W058 15.1

Parking Position 3 - N6 30.2 W058 15.2

Parking Position 4 - N6 30.2 W058 15.2

(10-9) Taxiway Hotel closed between taxiway  
Golf and GDF access strip.

Taxiway Golf closed.

All Passenger Boarding Bridges (PBBs) opera-  
tions are suspended from 1200z on 9th Sep-  
tember, 2019. Passenger disembarkation  
and embarkation shall be via the apron and  
ground level terminal access doors. Parking  
positions 1 and 2 are closed to Code C  
(B738/A320) aircraft from 1715z on 16th  
September, 2019. However, light aircraft up  
to the size of a SC7 Skyvan/Beech B190 are  
permitted to use these positions. This closure  
is expected to last for six (6) weeks.

Parking Positions 3 and 4 are open to Code  
C (B738/A320) aircraft.

Airlines should avoid using the aircraft's aft  
door for passenger disembarkation/embarka-  
tion to minimize passenger

traffic on the apron. Exercise caution due to  
the increased number of pedestrians on the  
service road.

Runway 24 and runway 06 threshold lights  
unserviceable; portable lights in use. PAPI  
lights for runway 24 withdrawn due mainte-  
nance.

**Goiania, Brazil, (Santa Genoveva), (10-3B)**  
KETUL 1A, SATNA 1A, SEKLI 1A, SELMU  
1A, UBSUS 1A RNAV DEPS RWY 32 not  
available sunrise to sunset from 29 MAR

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2018 0000Z until 31 DEC 2019 2359Z per SUP N061/2018

From 10 October 2019, 0000 UTC to 31 December 2019, 2359 UTC PAPI runway 14/32 unserviceable.

Per Brazil SUP A116/2019 and N219/2019 Eff 10 Oct 19.

**Ilheus**, Brazil, (-Bahia-Jorge Amado), Per SUP N015 - 03 JAN 2018 Rwy 29 first 361' (110m) closed for landing and last 361' (110m) closed for take-off due to obstacles. H24

From 03 JAN 2019, 0300 UTC thru 01 JAN 2020, 0259 UTC.

Per SUP N016 - Jan 03 2019, aerodrome is closed for IFR operations.

From 03 JAN 2019, 0300 UTC thru 03 JAN 2020, 0259 UTC.

Per SUP N017 - 03 JAN 2019, declared distances are revised as follows:

TORA TODA ASDA LDA

Rwy 11 4813' (1467m) 4813' (1467m) 5371' (1637m) 5174' (1577m)

Rwy 29 5174' (1577m) 5174' (1577m) 5338' (1627m) 4813' (1467m)

24 Hrs daily

From 03 JAN 2019, 0300 UTC thru 01 JAN 2020, 0259 UTC.

**Itacoatiara**, Brazil, NDB YTC 320 Khz not usable.

**Itaituba**, Brazil, The first 1017' (310m) of runway 05 closed to landing. The last 1017' (310m) of runway 23 closed to take-off.

Declared Distances are as follows:

Rwy 05: TORA= 5266' (1605m), TODA= 5266' (1605m), ASDA= 5266' (1605m), LDA= 4249' (1295m)

Rwy 23: TORA= 4249' (1295m), TODA= 4249' (1295m), ASDA= 4249' (1295m), LDA= 5266' (1605m)

Per AIP SUP N019-17 and N020-17

VASIS (AVASIS) Rwy 05 NOT AVAILABLE.

From 07 Dec 2017, 000 UTC to 31 Dec 2019, 2359 UTC.

**Itumbiara**, Brazil, (Hidroeletrica), YBA NDB now 24 HR

ROTAER AMD 04-14

**Jacareacanga**, Brazil, Rwy 08/26 Observe asphalt breakdown.

VOR / DME JAC 112.20MHZ / CH59X not usable from May 24, 2018, 0000 UTC through December 31, 2019, 2359 UTC per SUP N100/2018.

**Ji-Parana**, Brazil, (10-3) JI003 1, JI004 1, JI006 1, JI007 1 RNAV DEPS suspended, effective 08 DEC 2016 0000Z until 31 DEC 2019 2359Z per AIP SUP N198/16

RNAV (GNSS) RWY 03 suspended.

**Juiz De Fora**, Brazil, (Francisco De Assis), (10-3) ARAUJ 1A RNAV DEP, (10-3A) ARAUJ 1B, LUNAT 1B DEPS, (10-3B) BBC 1A, UMKIT 1A RNAV DEPS, (10-3C) BBC 1B, UMKIT 1B DEPS, (10-3D) SIDUR 1B DEP

not available from 6 DEC 2018 0000Z until 31 DEC 2019 2359Z per SUP N256/2018

(11-1) LOC RWY 03, (12-1) RNAV (GNSS) RWY 03, (16-1) NDB RWY 03 not available from DEC 6 2018 until DEC 31 2019. per SUPS N253/18. N254/18. N255/18

**Las Malvinas**, Peru, Rwy 35: APAPI changed to PAPI (angle 3.00°)

Rwy 17: APAPI added

**Leticia**, Colombia, (Alfredo Vasquez Cobo), Temp Apt Chart (10-9-0), LOC X Rwy 21 (11-2-0), VOR X Rwy 21 (13-3-0), RNAV X (GNSS) Rwy 21 (12-1-0): Procedures cancelled.

**Londrina**, Brazil, (Governador Jose Richa), (10-3B) AKTIT, JAVAN, KOTEG, KUDRI, PAMUS & SIGAR 1A DEPS not available per SUP N206/19 from 12-SEP-19 until 1-JUL-20.

**SOUTH AMERICA**

Per SUP N133/19, VOR LON 112.40MHz not usable between radials 285 to 295.

Period: From July 18, 2019, 0000 UTC until April 1, 2020, 2359 UTC.

**Macae**, Brazil, IAP RNAV (GNSS) 056 (12-3) modify in the minimum box for direct landing MDA / OCH / CEILING for 630/620/700.

Period: From October 11, 2018, 0000 UTC until October 11, 2019, 2359 UTC.

Ref.: AIP MAPIAC - Sup N206/2018

IAP RNAV (GNSS) RWY 06 (12-1) modify in the minimum box for direct landing MDA / CEILING to 630/700 and

visibility CAT C to 2900M.

Period: From October 11, 2018, 0000 UTC until October 11, 2019, 2359 UTC.

Ref.: AIP MAP IAC - Sup N205/18

Per SUP N201-18

PAPI Rwy 24 not usable.

Period: From October 11, 2018, 0000 UTC until October 10, 2019, 2359 UTC.

Ref.: AIP MAP ADC

**Macapa**, Brazil, (Alberto Alcolumbre Intl), (10-3) CAMI, LADO, MATI DEPS suspended effective 08 DEC 2016 0000Z until 31 DEC 2019 2359Z per AIP SUP A111/16

**Maceio**, Brazil, (Zumbi Dos Palmares Intl), Per SUPs A121/122(19), N226/227(19);

Threshold 30 displaced 368' (112m). 1) Days and hours: H24

Declared distances RWY 12/30 modified. 1) Days and hours: H24

TORA TODA ASDA LDA

RWY 12 8169' (2490m)

RWY 30 8169' (2490m)

Period: From 10 October 2019, 0000 UTC to 12 September 2020, 2359 UTC. Eff 10 Oct 19.

**Maicao**, Colombia, (Jorge Isaac), Rwy 28 PAPI angle 3.00°

**Manaus**, (Eduardo Gomes Intl), (20-3C) ILKUP 1A DEP not available from 0000Z 01 MAR 2018 until 2359Z 31 DEC 2019 per SUP A015/2018 and SUP N029/2018

(20-3D) ILKUP 1B DEP not available from 0000Z 01 MAR 2018 until 2359Z 31 DEC 2019 per SUP A016/2018 and SUP N030/2018

(20-3G) KODLU 1A DEP not available from 0000Z 01 FEB 2018 until 2359Z 31 DEC 2019 per SUP A004/2018 and SUP N011/2018

(20-3H) KODLU 1B DEP not available from 0000Z 01 FEB 2018 until 2359Z 31 DEC 2019 per SUP A005/2018 and SUP N012/2018

Per SUPs A092/19 and SUP N182/19

Runway 11/29 closed due to works.

1) Days and hours: MON/TUE WED/THU SAT/SUN 2005-0259 UTC; TUE/WED THU/FRI FRI/SAT 2100-0259 UTC.

Period: From 12 September 2019, 2005 UTC to 20 December 2019, 0259 UTC.

**Manaus**, (Ponta Pelada), (10-3) DADRA 2 DEP suspended from 0000Z 14 SEP 17 until 2359Z 31 DEC 19 per SUP N117/17

(10-3E) ILKUP 2 DEP not available from 01 MAR 2018 0000Z until 31 DEC 2019 2359Z per SUP N031/2018

(10-3F) ILKUP 3 DEP not available from 01 MAR 2018 0000Z until 31 DEC 2019 2359Z per SUP N032/2018

(10-3J) KODLU 2 DEP not available from 0000Z 01 FEB 2018 until 2359Z 31 DEC 2019 per SUP N013/2018

(10-3K) KODLU 3 DEP not available from 0000Z 01 FEB 2018 until 2359Z 31 DEC 2019 per SUP N014/2018

Barrier for aircraft retention near the threshold of runway 27 from 25 May 2017 until 31 December 2019.

Per AIP SUP N068-17

**SOUTH AMERICA**

Stopway length change:

Rwy 09: 427' (130m)

Rwy 27: 98' (30m)

From 9th November 2017, 0000UTC till 31st December 2019 2359 UTC.

Twy C limited to aircraft up to C295 from 25 May 2017 until 31 December 2019.

Per AIP SUP N069-17

VASIs RWY 27 unavailable.

**Maraba**, Brazil, Aerodrome Flight Information Service (AFIS) 125.85MHZ daily service schedule 2100-0900. Other service schedules provided by Maraba App 119.200MHZ.

From 07 Dec 2017, 0000 UTC to 31 Dec 2019, 2359 UTC.

**Marilia**, Brazil, Aircraft and glider flight instruction in airport vicinity. Traffic circuit should only be performed in SE sector to avoid buildings and antennas.

**Natal**, Brazil, (Augusto Severo Intl), ABN is removed per Brazil MAP - AMD 20-18.

**Navegantes**, Brazil, (Ministro Victor Konder Intl), APP FREQ 129.6 installed.

**Obando**, Colombia, (Puerto Inirida), (10-9) Presence of birds in the vicinity of the airport, exercise caution.

**Obidos**, Brazil, (Tirios), (30-3) BONA, GLIB, UDAK DEPS change minimum climb gradient to read: 3.8% to 2400', then 3.3%; effective 7 DEC 2017 0000Z until 31 DEC 2019 2359Z per SUP N201/17.

(30-3) BONA, GLIB, UDAK DEPS change Rwy 10 initial climb altitude to: At or above 2400', change Rwy 10 initial climb text to read: Start turn after crossing 2400'; effective 7 DEC 2017 0000Z until 31 DEC 2019 2359Z per SUP N200/17.

All lighting installations in the landing area are unavailable.

From 07 Dec 2017, 000 UTC to 31 Dec 2019, 2395 UTC.

Observe occasional animal traffic in the moving area.

From 07 Dec 17, 000 UTC to 31 Dec 2019, 2659 UTC

**Oriximina**, Brazil, (Trombetas), (10-3A) RITA, RUCO DEPS suspended effective 08 DEC 2016 0000Z until 31 DEC 2019 2359Z per AIP SUP N197/16

**Palmas**, Brazil, (Brigadeiro Lysias Rodrigues), (10-3) DENOB 1, EGALE 1, NOVOI 1, OPLOP 1 DEPS, change Rwy 14 minimum climb gradient to read 4.5% until 2300', then 3.3%. Effective 18 JUL 2019 0000Z until 26 DEC 2021 2359Z per SUP N146/2019.

**Panama City**, Panama, (Tocumen Intl), 10-8 APT CONSTRUCTION (TEMP) - End date of construction changed to 31 DECEMBER 2019

13-3 Missed approach fix DIEGO DME distance changed from D21 to D21.3 from TUM VOR.

ALS (345m) added to RWY 21R.

Until DECEMBER 31, 2019 threshold 03L displaced 823' (251m) due to works.

New Declared Distances are as follows:

RWY TORA TODA ASDA LDA

03L 2682M 2742M 2682M 2431M

21R 2682M 2742M 2682M 2682M

Until December 31, 2019, taxiway H will continue to be limited to aircraft up to category C from the intersection of taxiway J to aircraft stand position 6, use caution.

Until February 01, 2020, taxiway J will be limited for aircraft up to category D, aircraft category E or higher should use the procedure FOLLOW ME.

**Parauapebas**, Brazil, (Carajas), CAUTION: Wild animals possible on runway.

**Parnaiba**, Brazil, (Prefeito Dr. Joao Silva Filho Intl), Traffic pattern for fixed wing aircraft should be performed in south sector of aerodrome.

## SOUTH AMERICA

**Pasto**, Colombia, (Antonio Narino), Simple ALS system installed rwy 20. CIN C1589/19

**Pelotas**, Brazil, (Pelotas Intl), Runway 15/33 closed due to runway irregularity.

1) Days and hours: H24

Period: From 20 June 2019, 0000 UTC to 30 June 2023, 2359 UTC.

Ref.: AIP AD 2.12

**Pocos De Caldas**, Brazil, PER N050/2019

IAP NDB RWY 09 not available due to obstacle violations to the surface of the visual segment (VSS).

Period: From March 28, 2019, 0000 UTC until January 31, 2023, 2359 UTC.

Ref.: AIP MAP IAC

**Porto Alegre**, (Canoas), Taxiway BRAVO closed for four-engine aircraft due to asphalt degradation on the sides from 9th November 2017 till 9th November 2019, 2359 UTC.

TAXIWAY CHARLIE CLOSED DUE TO ASPHALT DEGRADATION . Per Rotaer AMD 08-18.

**Porto Alegre**, (Salgado Filho Intl), (10-3A) ANBEV 1A, EDMUT 1A, ISTE 1A, SUKLA 1A, VUBRA 1A DEPS, add note: These SIDs require a minimum climb gradient of 3.9 percent until ANBEV, then 3.3 percent. Restriction due to obstacle under ATC coordination. Effective 11 OCT 2018 0000Z until 11 OCT 2019 2359Z per SUP A124/2018.

(10-3S) VASED 1A, VUGET 1B RNAV DEPS, add note: Aircraft executing VUGET 1B departure with flight level in the upper airspace must, after OPKIT, fly direct EGBIP to intercept airway UN-857. Effective 11 OCT 2018 0000Z until 11 OCT 2018 2359Z per SUP A126/2018.

**Porto Velho**, Brazil, Air-to-Ground facilities APP 120.80MHZ (Secondary) hours of service H24 installed.

From 07 Dec 2017, 000 UTC to 31 Dec 2019, 2359 UTC

Trans Alt changed to 3000'.

Per sup A102-16

**Puerto Asis**, Colombia, (Tres De Mayo), Procedure Not Authorized: RNAV (GNSS) Rwy 19

**Puerto Suarez**, Bolivia, (Salvador Ogaya), Airport name to read: TTE AV SALVADOR OGAYA G

**Ribeirao Preto**, Brazil, (Leite Lopes), Per SUP 244/2018- ALFA Taxiway taxiing with caution due to Visual Restriction of Ribeirao Preto Tower

Period: From 06 December 2018, 0000 UTC to 31 December 2020, 2359 UTC.

Per SUP A148/18 - ALFA Taxiway taxiing with caution due to Visual Restriction of Ribeirao Preto Tower

Period: From 06 December 2018, 0000 UTC to 31 December 2020, 2359 UTC.

Per SUP N238/18 VOR / DME RPR 115.60MHZ / CH103X not usable.

Period: From December 6, 2018, 0000 UTC until December 31, 2020, 2359 UTC.

RPR VOR/DME 115.60MHZ/CH103X unserviceable.

Period: From 06 December 2018, 0000 UTC to 31 December 2020, 2359 UTC. Per SUP A144/18

**Rio De Janeiro**, (Galeao-Antonio Carlos Jobim Intl), NOA NDB 215 Khz unserviceable from 09 Nov 2017, 0200 UTC to 31 December 2019, 0159 UTC.

Twy L3 closed between Twy B and Twy K due to work in progress from 11 SEP 2019 to 30 SEP 2019, 9 am to 6 pm.

**Rio De Janeiro**, (Santa Cruz AB), Rwy 05/23 arresting gear not usable.

per sup N001-N017

**Rio De Janeiro**, (Santos Dumont), (20-3B) EVSOB 1F RNP DEP RWY 02R/20L unavail-

## SOUTH AMERICA

able from 18 JUL 2019 0000Z until 1 NOV 2019 2359Z per SUP N145/2019.

**Rionegro**, Colombia, (Jose Maria Cordova), NDB Rwy 01 (16-1) is completely withdrawn.

**Salto**, Uruguay, (Nueva Hesperides Intl), (16-1) Approach Lights RWY 05 to SALS Medium Intensity

**Salvador**, Brazil, (Dep L E Magalhaes Intl), Maintenance service on the sides of Runway 10/28.

Daily 1000 - 2100 UTC.

From 28 March 2019, 1000 UTC to 15 October 2019, 2100 UTC.

Per Brazil AIP SUP A048/2019.

**San Jose Del Guaviare**, Colombia, (Jorge E Gonzalez), RWY 19 APAPI is unusable.

**Santa Cruz**, Bolivia, (El Trompillo), (10-3) ANBUN 1, LIVON 1, LODAK 1 DEPS and (10-3A) GAVOS 1, SIKIN 1 DEPS unavailable while airport is VFR only per C1N C0609/19 and due to decommission of TCZ NDB

Procedure NDB-3 RWY 33 not authorized.

NDB TCZ unusable.

Runway Identifier Numbers changed from Runway 15/33 to Runway 16/34.

**Santa Maria**, Brazil, Construction on the side of taxiway Foxtrot between the military apron and civil capron.

Period: From October 11, 2018, 0000 UTC until October 10, 2019, 2359 UTC.

PER AIP SUP N209-18

Per SUP N113/19, Rwy 02/20 available only for remotely piloted aircraft operations due to pavement degradation.

Period: June 20, 2019, 0000 UTC through December 31, 2019, 2359 UTC.

TGL (touch and rush) night operations require prior authorization from TWR / APP Santa Maria through tel. (55) 3220-3483.

Period: From March 28, 2019, 0000 UTC until March 28, 2020, 2359 UTC.

PERN072/2019

**Santarem**, Brazil, (Maestro Wilson Fonseca Intl), Trans Alt changed to 3000'.

**Santiago**, Chile, (Arturo Merino Benitez Intl), Remote parking number 25 not available.

**Sao Gabriel Da Cachoeira**, Brazil, Airport Beacon unavailable

All landing area lights unavailable. From April 27, 2017, 0000 UTC until December 31, 2019, 2359 UTC.

**Sao Goncalo Do Amarante**, Brazil, (Gov Aluizio Alves Intl), Per SUP A059/19 - ALS RWY 12 (ALSF-1) operating with operational restriction of 1200m.

Period: From 23 May 2019, 0000 UTC to 03 March 2020, 2359 UTC.

**Sao Paulo**, (Guarulhos-Gov Andre Franco Montoro Intl), Per Sup A096/2019 and Sup N188/2019

BCO VOR/DME 116.00MHz / CH107X unserviceable between the radial 029 and 039.

Period: From 12 September 2019, 0000 UTC to 30 April 2021, 2300 UTC.

SUP A084/2019

- Runway 09L/27R closed due to maintenance service.

1) Days and hours: MON 0445-0759 TUE 0445-0659 UTC

Period: From 19 August 2019, 0445 UTC to 15 October 2019, 0659 UTC.

SUP A088/2019

Danger - Lighted balloon at coordinates S23 27 54.29 W046 26 50.74, radius 200M, from Surface to 3193' AMSL

Period: From 15 August 2019, 0000 UTC to 23 April 2020, 2359 UTC.

**Sao Paulo**, (Marte), Per SUP N230/19;



## SOUTH AMERICA

KILO taxiway closed due to maintenance service.

1) Days and times: OCT 14 TIL 18 OCT 21 TIL 25 NOV 11 TIL 14 NOV 18 TIL 22 NOV 25 26 DEC 09 TIL 13 DEC 16 TIL 20 1100-1900 UTC.

Period: From October 14, 2019, 1100 UTC to December 20, 2019, 1900 UTC. Eff 14 Oct 19.

Per SUP N233/19, Engine check area (RUN UP) closed due to maintenance service.

1) Days and times: OCT 14 TIL 18 OCT 21 TIL 25 NOV 11 TIL 14 NOV 18 TIL 22 NOV 25 26 DEC 09 TIL 13 DEC 16 TIL 20 1100-1900 UTC.

Period: From October 14, 2019, 1100 UTC to December 20, 2019, 1900 UTC. Eff 14 Oct 19.

**Sinop**, Brazil, (Presidente Joao Batista Figueiredo), Per SUP N121/19; (12-1) RNAV (GNSS) RWY 03 not available.

Period: From June 20, 2019, 0000 UTC until December 31, 2020, 2359 UTC.

Per SUP N122/19; (12-2) RNAV (GNSS) RWY 21 not available.

Period: From June 20, 2019, 0000 UTC until December 31, 2020, 2359 UTC.

**Tabatinga**, Brazil, (Tabatinga Intl), TBT NDB revised from Part-time to 24 Hours

**Talara**, Peru, (Capitan Montes), The runway lights for Runway 17 and 35 have been removed.

**Tarija**, Bolivia, (Capt Oriel Lea Plaza), RWY 31 PAPI not usable.

**Trinidad**, Bolivia, (Jorge Henrich Arauz), Airport name to read: JORGE HENRICH

**Trujillo**, Peru, (Cap Carlos Martinez De Pinillos), (10-2) RELUN 1A, VATES 2A ARRS unavailable during the temporary suspension of the operation of TRU VOR per SUP 18/17.

The start and end dates of the temporary suspension shall be communicated through NOTAM messages.

Aircraft arriving on airways V-5, UV-5, T-330, UT-330 must operate under VFR during approach stages.

(10-2A) VUGAL 1 RNAV ARR will remain available.

(10-3A) (10-3B) ESMIL 1B, RELUN 1F, VATES 2F DEPS unavailable during the temporary suspension of the operation of TRU VOR per SUP 18/17.

The start and end dates of the temporary suspension shall be communicated through NOTAM messages.

Aircraft departing on airways V-5, UV-5, T-330, UT-330 must operate under VFR during take-off and ascent stages.

(10-3) ESMIL 1A RNAV DEP will remain available.

Due to construction on TRU VOR, The following instrument approach procedures are temporarily suspended: VOR RWY 02, VOR A, VOR B.

**Tucurui**, Brazil, Landing area lights not available from April 27, 2017, 0000 UTC to 31 December 2019, 2359 UTC.

- VASI Rwy 02 inoperative.

- VASI Rwy 20 inoperative.

VOR / DME TUI 112.90 Mhz / CH76X unusable.

Per AIP SUP N001/2018.

**Uberaba**, Brazil, PAPI 3 degrees added to runways 17 and 35.

**Valera**, Venezuela, (Dr. Antonio Nicolas Bri-ceno), Runway 21 PAPI left 3.00 degrees.

**Valledupar**, Colombia, (Alfonso Lopez Pumarejo), Runway width is 115' (35m).

**Vitoria**, Brazil, (Eurico De Aguiar Salles), Landing of turbojet aircraft is prohibited to Runway 20.

**SOUTH AMERICA**

From 31 January 2019, 0000 UTC to 07  
November 2019, 2359 UTC.

Per Brazil AIP SUP A011/2019

Per Brazil SUPs A112/2019 and N215/2019

Air-to-ground facilities TWR FREQ  
121.50MHZ (emergency) unserviceable.

From 10 October 2019, 0000 UTC to 24  
December 2019, 2359 UTC

Eff 10 Oct 19.



**ENROUTE CHARTS SOUTH AMERICA**

Jeppesen CHART CHANGE NOTICES highlight only **significant** changes affecting Jeppesen Charts, also regularly updated at [www.jeppesen.com](http://www.jeppesen.com).

**IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.**

**ENROUTE CHARTS**
**GENERAL**
**BOLIVIA**

New airways established within La Paz FIR (SLLF). See Graphic Change Notice SA-301.

**BRAZIL**

All lower airways within Brazil MEA FL150, except if charted MEA is higher.

Amazonica ACC operational frequencies modified from 07 December 2017, 0000 UTC to 31 December 2019, 2359 UTC for the following sectors.

SECTOR 2: From 126.15MHZ to 125.75MHZ

SECTOR 4: From 123.95MHZ to 123.65MHZ

SECTOR 5: From 126.15MHZ to 133.35MHZ

SECTOR 14 (main): From 123.55MHZ to 123.85MHZ

SECTOR 14 (reserve): From 128.3MHZ to 128.05MHZ

CONTINENTAL ADIZ established. An area running parallel approx 80 NM along the Brazil country boundary limited by N03 36.3 W050 26.1 and S33 59.5 W051 47.8. Altitudes GND - UNL.

UZ78 estbld IVSIK (S05 W035) - MUNUX (S13 W045). Other current airways will be affected due to new waypoints crossing. For details see Graphic Notam SA-315.

**COLOMBIA**

All high airways within Colombia MEA FL250, except if charted MEA is lower.

**ECUADOR**

GUAYAQUIL FLIGHT INFORMATION REGION (FIR) ident chgd to SEFG.

**URUGUAY**

ALL PROHIBITED AREAS within Uruguay Altitudes changed to GND - 2000' AGL.

Uruguay Class C Airspace Limits changed to FL85 - FL195

**ATS ROUTES changed:**

UA323 BRACO - Sao Gabriel Da Cachoeira (GBR) VOR 133°/315°, 206NM; (GBR) VOR - EPDOD 124°/304°, 27NM. (N0 W068) **HI-4, HI-1.**

W25 Sao Gabriel Da Cachoeira VOR (GBR) - ERVAM 156°/336°, 27NM (S0 W067) **LO-6.**

**ARGENTINA**

ARGENTINA ADIZ estbld. An irregular shaped area which follows the Cordoba and Resistencia FIR's. Altitudes GND - UNL. Time of operation H24. **LO-10/S22W062.**

CORRIENTES VOR (CRS) 115.4 cmnd at S27 26.2 W058 45.7. **LO-10/4D.**

MARIANO MORENO CTR withdrawn. **SAEZ.**

RESTRICTED AREA SA(R)-04 estbld (SW of Ezeiza VOR [EZE]). A circle with a .32 NM radius centered on (S34 54.2 W058 37.0). Altitudes GND-2500 MSL. Time of operations H24. **LO-12, SAEZ 10-1.**

**ENROUTE CHARTS SOUTH AMERICA**
**BOLIVIA**
**ATS ROUTES changed:**

R558 La Paz VOR (PAZ) - Rio Branco VOR (RCO) withdrawn. **SLLP**.

UA304 withdrawn Corumba NDB (CUB) - ELAKO. **SLLP**.

UL404 MUDIL withdrawn. KABOM - UKDOR 90 NM. **SLVR**.

UL540 SOTKU - AKVAG CRP (S20 46.4 W066 41.7) 101 NM; AKVAG - ARUBO 68 NM; ARUBO - DAKRO CRP (S19 46.7 W065 29.5) 22 NM; DAKRO - IVSIX CRP (S19 25.8 W065 06.8) 30 NM; IVSIX - BUTIN CRP (S19 20.5 W06501.0) 8 NM; BUTIN - LIVET CRP (S19 18.2 W064 58.5) 3 NM; LIVET - MATGO 40 NM; MATGO - MULOG 25 NM; MULOG - Viru Viru VOR (VIR) 80 NM; VIR VOR - SASNO CRP (S16 32.5 W061 47.9) 062°/243°, 101 NM; SASNO- UKEKU CRP (S15 28.6 W060 28.4) 064°/245°, 100 NM; UKEKU - EROGI CRP (S15 17.9 W060 15.0) 065°/245°, 17 NM; EROGI - ASIKI 065°/245°, 92 NM. **SLVR**.

UW29 estbld La Paz VOR (PAZ) - TERAX 111°/291°, 55nm MEA FL250; TERAX - SIRAD NCRP (S15 54.8 W066 24.2) 112°/292°, 53NM; SIRAD - MOSGO CRP 112°/292°, 7nm; MOSGO - PUNAV CRP 112°/293°, 24NM; PUNAV - DOLGI CRP 113°/293°, 13NM; DOLGI - GUVAS CRP 113°/293°, 5NM; GUVAS - SALBI 113°/294°, 63NM; SALBI - Viru Viru VOR (VIR) 114°/295°, 80NM; Viru Viru VOR - GAVOS 117°/298°, 80NM; GAVOS - ROKES CRP 118°/298°, 21NM; ROKES - GEBAS CRP 119°/300°, 162NM; GEBAS - GAXUS 120°/300°, 11NM; GAXUS - ANPOP CRP 120°/300°, 11NM; ANPOP - Puerto Suarez NDB (PSZ) 121°/301°, 29NM. **SLLP 10-1, SLVR 10-1**.

W3 Sucre VOR (SUR) - San Ignacio De Velasco NDB (SNG) withdrawn. **SLVR**.

W6 withdrawn Tarija VOR (TAR) - Bermejo NDB (BJO) (S22 W065). **LO-10**.

W7 SUCRE VOR (SUR) - LA PAZ VOR (PAZ) withdrawn. **SLLP**.

ALCANTARI CTR estbld. A circle approximately 15 NM radius centered on Alcantari (ALC) VOR. Altitudes GND - 16000' MSL. Calss 'C'. Times of operation SR-SS. Night OPS O/R. (S19 W065). Eff 10 Oct 19. **LO-9**.

BERMEJO NDB (BJO) decmsnd (S22 W064). **LO-10**.

COCHABAMBA CTR estbld. A circle approximately 15 NM radius centered on Cochabamba (CBA) VOR. Altitudes GND - 18000' MSL. Class 'C'. Times of operation H24 (S17 W066). Eff 10 Oct 19. **LO-9**.

MONTEAGUDO CTR estbld. A circle approximately 15 NM radius centered on Monteagudo (SLAG) Apt. Altitudes GND - 5000' MSL. Class 'C'. Times of operation Mon-Fri, 1130-1500Z and 1730-2100Z. Sat, 1130-1700Z. Sun, O/R. (S19 W063). Eff 10 Oct 19. **LO-9**.

ORURO CTR estbld. A circle approximately 15 NM radius centered on Oruro (ORU) VOR. Altitudes GND - 18000' MSL. Class 'C'. Times of operation 1000 - 2300Z. SUN, HOL and NIGHT OPS O/R. (S18 W067). **LO-9**.

POTOSI CTR estbld. A circle approximately 15 NM radius centered on Potosi (PTS) VOR. Altitudes GND - 18000' MSL. Class 'C'. Times of operation Mon-Fri 1130-1500Z, 1730-2100Z; Sat 1130-1700Z and Sun O/R. (S19 W065). Eff 10 Oct 19. **LO-9**.

POTOSI (POI) NDB decmsnd. (S19 33.0 W065 43.9) **LO-9**.

REYES (REY) NDB decmsnd. (S14 18.2 W067 20.9) **LO-9**.

RIBERALTA (REA) NDB decmsnd. (S11 00.5 W066 04.5) **LO-6, LO-9**.

SAN IGNACIO DE VELASCO (SNG) NDB decmsnd. (S16 23.0 W060 57.9) **LO-9**.

## ENROUTE CHARTS SOUTH AMERICA

SAN MATIAS CTR estbld. A circle approximately 15 NM radius centered on San Matias (SMT) NDB. Altitudes GND - 4000' MSL. Class 'C'. Times of operation 1030 - 2200Z. (S16 W058). **LO-9**.

TARIJA (TJA) NDB decmsnd (S21 W064). **LO-10**.

UYUNI CTR estbld. A circle approximately 15 NM radius centered on Uyuni (UNI) VOR. Altitudes GND - 18000' MSL. Class 'C'. Times of operation 1000 - 1900Z. 1900 - 2000Z. O/R. NIGHT OPS O/R. (S20 W066). Eff 10 Oct 19. **LO-10, LO-9**.

VILLAMONTES (VTS) NDB decmsnd. (S21 15.3 W063 24.4) **LO-10**.

VIRU VIRU (VRO) NDB decmsnd. (S17 32.2 W063 12.0) **LO-9, SLVR**.

**BRAZIL****ATS ROUTES changed:**

JUIZ DE FORA (FRA) NDB decmsnd. S21 46.1 W043 23.0 **LO-11**.

M778 GAVUS - Sao Gabriel Da Cachoeira (GBR) VOR 173°/ 353°, 27 NM (S00 W067). **LO-5**.

M778 withdrawn Gabriel VOR (SGC) - GAVUS (S00 W067). **LO-5, LO-6**.

TEMPORARY PROHIBITED AREA estbld until 31 Dec 19. A circle with a 2 NM radius centered on S09 05.7 W064 05.4. Altitudes Gnd - 2000' MSL. **LO-6/2D**.

UL301 ANDOR renamed VARUM (S23 W047). **SBGL**.

UL304 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UL309 changed to OPPOSITE Cruise Levels GRAFO - DODSU. (S09 W067). **HI-1**.

UM400 Odd FLs only ILTIT - BITAK **SBGL**.

UM417 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UM423 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UM775 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UZ3 redesign STANDARD Cruise Levels Confins VOR (CNF) - Belo Horizonte VOR (BHZ). **SBCF**.

UZ10 ILMIG - SIMEX CRP (S23 02.7 W045 31.0) 278°, 20NM; SIMEX - LOBAT 280°, 12NM. Eff 10 Oct 19. **HI-5, HI-6, SBGL**.

UZ21 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UZ21 withdrawn Salvador (SVD) VOR to TOSOP (S12 W038). **HI-5**.

UZ25 Rio Claro NDB (RCL) redesign GERTU. **SBGL**.

UZ25 withdrawn NELOX - Dosul (CXS) VOR (S29 W051). **HI-6**.

W7 NEKOP CRP estbld (N23 17.4 W045 50.8). Bonsucesso (BCO) VOR - NEKOP - GENKO 31/7NM. **LO-11, SBGL**.

W20 estbld Belem VOR (BEL) - JANES - SAVIO - Sao LUIS VOR (SLI) 126°/307°, 40/185/40NM, MEA FL150 (S01 W048). **SA LO-6, SA LO-7**.

W25 withdrawn Gabriel VOR (SGC) - ERVAM (S00 W067). **LO-6**.

W30 redesign Z31 Sorocaba VOR (SCB) - Brasilia VOR (BSI). Rio Claro NDB (RCL) redesign GERTU. **LO-8/2AC, LO-11/8B, SBBR, SBGL**.

W33 withdrawn Belem VOR (BEL) - Fortaleza VOR (FLZ) (S01 W048). **LO-6, LO-7**.

W51 use only EVEN Flight Levels Goiania VOR (GNV) - DORLU. (S16-23 W045-049). **LO-8, SA LO-11, SBBR, SBGL**.

Z9 estbld Sao Luis VOR (SLI) - ZURCO - OSIRA - PANAD 118°/298°, 40/90/22 NM, MEA FL150. PANAD - ESAVO - CROMO - Fortaleza VOR (FLZ) 127°/307° 144/14/40 NM (S02 W41). **LO-6, LO-7**.

## ENROUTE CHARTS SOUTH AMERICA

Z13 SUGLU - ETEPU - Sao Gabriel da Cachoeira (GBR) VOR - EPDOD 112/27/27 NM (S00 W067). **LO-5, LO-6.**

Z32 ILMIG - SIMEX CRP(S23 02.7 W045 31.0) 278° 20NM; SIMEX - DORPU 280°, 18NM. Eff 10 Oct 19. **LO-11, SBGL.**

AMAZONICA 8 CTA Class 'D' estbld. A circle with a 60NM radius centered on Cuiaba (CIA) VOR. Altitudes FL110-FL145 (S16 W056). **LO-8.**

AMAZONICA TMA Class 'D' redesign CTA (S16 W056). **LO-9.**

ANAPOLIS NDB (ANP) decmsnd (S16 W049). **LO-8, SBBR.**

ASSIS NDB (ASS) decmsnd (S22 W050) **LO-11.**

CARAJAS (CRJ) NDB decmsnd (S06 W050). **HI-4, LO-6, LO-7.**

Cerrito NDB (SMR) decmsnd (S29 W053). **LO-10, LO-12.**

Conquista NDB (VCO) decmsnd (S14 W40). **LO-8.**

CORUMBA TMA and CTR withdrawn. **LO-9/8CD.**

DANGER AREA SB(D)-312 estbld 4 miles W of Aldeia [ADA] VOR) as follows: A circle with a .5 NM radius centered on S22 49.1 W042 09.6. Altitudes: GND - 1200' MSL. **LO-11.**

DANGER AREA SB(D)-393 estbld. A circle approximately 2.7NM centered on S21 55.5 W045 57.0. Altitudes: GND-FL95. **SA LO-11.**

DANGER AREA SB(D)-394 estbld. A circle approximately 3.8 NM centered on S21 34.5 W046 01.0. Altitudes: GND-FL95. **SA LO-8, SA LO-11.**

DANGER AREA SB(D)-624 estbld. An irregular shaped-area aprox 15NM N-S by 15 NM E-W, 43 NM NE of Brasilia, (BSI) VOR. Altitudes GND - FL90. Time of operations by NOTAM (S15 W047). **LO-8, SBBR 101.**

DANGER AREA SB(D)-625 estbld. An irregular shaped-area aprox 15 NM N-S by 8 NM E-W,

43 NM NE of Brasilia, (BSI) VOR. Altitudes Gnd - FL120. Time of operations by NOTAM (S15 W047). Eff 10 Oct 19. **LO-8, SBBR 101.**

DIADEMA NDB (DAD) decmsnd. (S23 42.3 W046 36.1) Eff 10 Oct 19. **LO-11, SBGL.**

Gabriel (SGC) VOR and NDB decmsnd (S00 W067). **HI-4, LO-6.**

MANAUS TMA altitudes FL25-FL195. **SBEG.**

POROROCA NDB (PP) decmnd (S16 W048). **LO-8, SBBR.**

PROHIBITED AREA SB(P)-289 estbld (NW of Porto [PCX] VOR) as follows: A circle with a .67 NM radius centered on S22 38.8 W043 01.4. Altitudes: GND - 2000' AGL. **LO-11/S22W043, SBGL.**

PROHIBITED AREA SB(P)-390 estbld (SW of Porto [PCX] VOR) as follows: A circle .22 NM radius centered on S22 46.8 W042 59.5. Altitudes: GND - 2000' AGL. **LO-11/S22W042, SBGL.**

PROHIBITED AREA SB(P)-391 estbld. A circle approximately .216 nm centered S22 40.5 W043 35.0. Altitudes GND-2000'. **LO-11/S22W043, SBGL 10-1.**

RESTRICTED AREA SB(R)-317 estbld. An irregular shaped area approx 6 NM S-N by 16 NM E-W beginning approx 10 NM N of Taubate NDB (TBE) . Altitudes GND - 3000' (S23 W045). **LO-11, SBGL.**

RESTRICTED AREA SB(R)-388 estbld as follows: A irregular shape aprox 7 miles N-S and aprox 7 miles E-W beginning aprox 40 NM of SW of Confins [CNF] VOR . Altitudes: 1000'-FL100. **LO-8, SBCF.**

RESTRICTED AREA SB(R)-392 estbld. A circle with a 10 NM radius centered on S21 33.0 W042 38.6. Altitudes GND - 9500'. Eff 10 Oct 19. **LO-8, LO-11.**

RESTRICTED AREA SB(R)-396 estbld. A circle with a 0.5 NM radius centered on S23 00.5 W043 24.4. Altitudes GND - FL135. Eff 10 Oct 19. **LO-11, SBGL.**

RESTRICTED AREA SB(R)-400 estbld. An irregular-shaped area aprox 10 NM N-S by 5 NM E-W beginning aprox 30 NM of Araraquara (AAQ) NDB. Altitudes GND-FL55. (S21 W048) **LO-11**.

RESTRICTED AREA SB(R)-427 upper limit chgd to FL180. (S23 W047). **SA LO-11**.

RESTRICTED AREA SB(R)-491 estbld. A circle with a 2.5 NM radius centered on S23 26.5 W045 04.6. Altitudes Gnd - FL160. **LO-11, SBGL**.

RESTRICTED AREA SB(R)-580 estbld. SW of Navegantes NDB (NVG) as follows: A circle with a .035 NM radius centered on S26 54.9 W048 38.5 . Altitudes GND-500' MSL **LO-11/8C**.

RESTRICTED AREA SB(R)-583 estbld NE of Florianopolis VOR (FLN) as follows: A circle with a .035 NM radius centered on (S27 26.9 W048 22.3). Altitudes GND-1000' MSL. **SA LO-11**.

RESTRICTED AREA SB(R)-590 estbld (N of Florianopolis [FLN] VOR) . as follows: A circle with a .54 NM radius centered on S27 26.1 W048 26.3. Altitudes: GND-3000. (S27 W048). **LO-11**.

RESTRICTED AREA SB(R)-594 estbld. An irregular-shaped area approx 7NM N-S by approx 3NM E-W approx 20 NM of Curitiba (CTB) VOR. Altitudes: GND - 6000' MSL. **LO-11/S25W049**.

RESTRICTED AREA SB(R)-606 estbld a square shape approximate 6 NM x 4 NM (S16 W48) approximatly 5 NM SE of Anapolis apt (SBAN).. Altitudes GND-5500' MSL. **LO-8, SBBR**.

RESTRICTED AREAS SB(R)-611, SB(R)-612 and SB(R)-613 withdrawn (NE of Brasilia (BSI) VOR) (S16 W048). Eff 10 Oct 19. **LO-8, SBBR**.

RIO CLARO NDB (RCL) decmsnd. **LO-11/8B**.

SAN IGNACIO DE VELASCO CTR estbld. A circle approximately 15 NM radius centered on S16 24.0 W061 02.6. Altitudes GND 5000' MSL. Class 'C'. Times of operations SR-SS. Eff 10 Oct 19. **LO-9**.

Santa Maria NDB (SMA) decmsnd. **LO-10, LO-12**.

SANTO ANGELO, -Apt renamed Sepe Tiaraju. **LO-10/4C**.

SAO GABRIEL DA CACHOEIRA VORDME comsnd. Ident 'GBR', freq 116.6, coords at S00 09.0 W066 59.4. **LO-6**.

TEMPORARY DANGER AREA estbld until 31 Dec 19. A triangular-shaped area bounded by the following points: N03 50.4 W051 49.3 - N03 51.4 W051 49.5 - N03 50.7 W051 50.1. Altitudes Gnd - 1350' MSL. **LO-5/10D**.

TEMPORARY DANGER AREA estbld until 31 Dec 19. An irregular-shaped area bounded by the following points: S03 09.0 W059 59.9 - S03 09.1 W059 59.4 - S03 08.7 W059 58.7 - S03 08.6 W059 58.9 - S03 08.8 W059 59.8. Altitudes Gnd - 1400 MSL. **SBEG**.

TEMPORARY RESTRICTED AREA CROCODILO 2 established. A fan-shaped area comprised between arcs of 7 NM and 11 NM and radials of 230° and 260° of Porto Velho VOR (PVH). Altitudes: GND - 1000' AMSL. Active from 07 December 2017, 0000 UTC to 31 December 2019, 2359 UTC. **LO-6/2D**.

TEMPORARY RESTRICTED AREA CROCODILO 2A established. A fan-shaped area comprised between arcs of 11 NM and 15 NM and radials of 230° and 260° of Porto Velho VOR (PVH). Altitudes: GND - 1500' AMSL.Active from 07 December 2017, 0000 UTC to 31 December 2019, 2359 UTC. **LO-6/2D**.

The following NDB have been decmsnd:  
EL TROMPILLO (TCZ)  
TRINIDAD (TDD)  
SAN JOAQUIN (JOA)

## ENROUTE CHARTS SOUTH AMERICA

MONTEAGUDO (AGU)

SUCRE (SRE). **SLVR 10-1.**

TUPA NDB (TUP) dcmsnd (S22 W051).  
**LO-11/7B.**

Vitoria CTR Class 'D' airspace chgd to Class 'C'  
**LO-8/3C.**

Z1 MUGIS CRP (S17 01.2 W047 08.9) estab-  
lished. LUVSU - MUGIS - ISOPI 47/31NM.  
**SBBR.**

**CHILE****ATS ROUTES changed:**

DIRECT ROUTE ALDAX - Iquique (IQQ) VOR  
redesig T/UT210 (S20 W070). **LO-9, HI-1.**

DIRECT ROUTE redesig V107 Domingo (DGO)  
VOR - LINER (S33 W071). **SCEL.**

DIRECT ROUTE withdrawn Antofagasta (FAG)  
VOR - EKEVI (S23 W070). **HI-1.**

DIRECT ROUTE withdrawn Antofagasta (FAG)  
VOR - SACON (S23 W070). **LO-10.**

DIRECT ROUTE withdrawn Domingo (DGO)  
VOR - VISEK (S34 W072). **SCEL.**

Q803 MORMI - ISEKA MEA FL110. **SA LO-10.**

T107 extended one-way S-bnd LINER CRP  
(S33 55.5 W070 45.1) - ANDIX CRP 199°/  
018°, 51NM, MEA FL 110 **SCEL.**

T131 ATEDA - DONTI MEA FL110 **LO-10/2C,**  
**SCEL.**

T315 redesig one way S-bnd SULNA - Tongoy  
VOR (TOY). (S27 W073) **SA LO-10.**

UB560 withdrawn Tongoy (TOY) VOR - MIBAS.  
**HI-2/3.**

UL322 redesig one way S-bnd ASIMO - Tabon  
VOR (TBN). (S31 W070). **SA HI-2.**

UM529/UM799 redesig one way SW-bnd  
ASIMO - Tabon VOR (TBN) (S31 W070). **SA**  
**HI-2.**

UM789 TARKA renamed VUREL (S21 W069).  
**SA HI-1.**

UQ803 LESTA renamed UGOLA. S33 W071  
**SCEL, HI-2.**

UT127 SILAS NCRP estbld (S41 37.0 W073  
06.0). Puerto Monntt VOR (MON) - SILAS -  
GENEK 11/45NM. **SCTE, HI-2.**

UV107 estbld one-way SE-bnd Domingo VOR  
(DGO) (S33 39.4 W071 36.9) - LINER CRP  
108°/288°, 46NM, MEA FL250. **SCEL.**

UV204/UV208 KABIL renamed MOLPU (S32  
W070). **SA HI-2.**

V204 estbld Antofagasta VOR (FAG) - VUBLA  
060°/242°, 57NM, MEA FL130; VUBLA -  
Calama VOR (LOA) 059°/240°, 47NM. (N23  
W070) **SA LO-10.**

V208 extended Tongoy (TOY) VOR - La  
Serena (SER) VOR 032°/214°, 26NM, MEA  
5000 (S30 W071) **LO-10.**

W202 withdrawn Calama VOR (LOA) - Mejil-  
lones DB (MJL). **LO-10/2A.**

W204 withdrawn Iquique NDB (UCU) - Mejil-  
lones NDB (MJL). **LO-10/2A.**

MJLFAG, T103, UL540, UT103 Mejillones NDB  
(MJL) redesig EKEVI CRP (S23 06.6 W070  
26.6). **LO-10/2A.**

PROHIBITED AREA SC(P)-26 estbld (E of  
Santiago (AMB) VOR) as follows: A circle  
with a .15 NM radius centered on S33 26.3  
W070 39.2. Altitudes: GND - 1000 AGL.  
**SCEL.**

PROHIBITED AREA SC(P)-29 estbld (SW of  
Ventanas (VTN) VOR) as follows: A circle  
with a radius a .15 NM radius centered on  
S33 02.9 W071 36.3. Altitudes: GND - 1000  
AGL. **SCEL.**

PROHIBITED AREA SC(P)-51 estbld (E of  
Santiago (AMB) VOR) as follows: A circle  
with a .15 NM radius centered on S33 23.0  
W070 31.3. Altitudes: GND - 3800' AMSL.  
**SCEL.**

T103, T797, UL797, UM789 Iquique NDB  
(UCU) redesig OPLES CRP (S20 34.3 W070  
11.0). **LO-10/2A.**

TONGOY, Chile NDB (TOY) dcmsnd.  
**LO-10/2C.**



## COLOMBIA

## ATS ROUTES changed:

A550 chgd to bi-directional PUGSO - KIKAS.  
**SKBO.**

B689 KAKOL - Los Cedros VOR (LCE) -  
REMUK MEA 10000. **LO-3/8C-D.**

G430 withdrawn Mariquita VOR (MQU) - Girar-  
dot VOR (GIR). **LO-3/7C-D.**

R564 chgd to one-way SW-bnd MANGA - Cali  
VOR (CLO)). **LO-3/7C, SKCL.**

R564 DODGI NCRP estbld (N03 42.4 W075  
48.8) OREGA - DODGI - MANGA 21/19 NM.  
**LO-3/7C, SKCL.**

Sogamoso (SOG) NDB replaced with SOGAM  
and all associated airways are realigned  
(N05 W072). **HI-3, LO-5, SKBO, HI-1.**

UA319 segment Tabogo I VOR (TBG) -  
OGRUL - AGUJA - ESKOR - NESMO -  
SIPOK - OSUBO - ERIKO - OROSA with-  
drawn. **MPTO.**

UA574 segment Tabogo I VOR (TBG) -  
PONPO - BPGAL - Cartagena VOR (CTG)  
withdrawn. **MPTO.**

UL305 redesign one way S-bnd, NIRBU CPR  
estbld (N01 40.5 W075 18.1), SIDOV with-  
drawn. Girardot VOR (GIR) - NIRBU -  
PULTU 153/98NM. **SKBO.**

UL342 chgd to one way NE-bnd Puerto Legui-  
zamo VOR (PLG) - ELABU. **SKBO.**

UM597 estbld AGUJA - ESKOR - NESMO  
051°/231°, 35/76 NM; NESMO - SIPOK -  
OSUBO 052°/234°, 56/21 NM, MEA FL250;  
OSUBO - ERIKO - OROSA 053°/234°, 83/12  
NM. EFF 31 JAN 2019. **MPTO.**

UN420 realigned BUSMO - NIRBU - ORBAB  
CRP (N00 49.7 W074 47.8) 154°/336°  
351/59 NM; ORBAB - ROLUS 137 NM;  
ROLUS - LIMPO 168°/348° 237 NM. EVTOX  
withdrawn. **SKCL.**

UQ114/UQ122 IVSAN renamed ARMUM.  
**SKBO.**

UQ123 estbld one way SW-bnd ELABU -  
NIRBU CRP (N01 40.5 W075 18.1) 222°/  
040°, 191NM, MEA FL245. **SKBO.**

UW93 estbld one-way NE-Bnd Sogamoso NDB  
(SOG) - KIKAS 043°, 100 NM, MEA FL250.  
**SKBO.**

UW93 withdrawn Sogamoso (SOG) NDB to  
KIKAS (N05 W072). **HI-3, SKBO, HI-1.**

V709 bi-directional Buvis VOR - GEVBA CRP  
(N05 30 .49 W074 11.3) - Palanquero VOR  
(PAL) (N05 29.2 W074 39.6) 274°/093°,  
20/28 NM, MEA 14000/10000; One way W-  
bnd (PAL) VOR - SAVGA CRP (N05 31 .5  
W07450.3) - RENOS 288°/108° 11/20 NM,  
MEA 5000/11000. **SKBO.**

V710 bi-directional Palanquero VOR (PAL)  
(N05 29.2 W074 39.6) - ISNIM CRP (N06  
06.8 W074 40.8) 004°/184° MEA 5000';  
ISNIM - OTU VOR (OTU) MEA 10000' 38/55  
NM. **SKBO.**

V711 one-way S-bnd MUGOP - PUDSU CRP  
(N05 37.7 W074 48.7) 139°/319° MEA  
11000'; PUDSU - Palanquero VOR (PAL)  
(N05 29.2 W074 39.6) MEA 5000' 20/13 NM;  
bi-directional (PAL) - EDSID CRP (N05 21.4  
W07428.4) 131°/311° MEA 9000'; EDSID -  
VULAM MEA 12000' 14/6 NM. **SKBO.**

V712 bi-directional Mariquita VOR (MQU) -  
TOLOD CRP (N05 19.6 W074 48.7) 050°/  
230° MEA 7000'; TOLOD - Palanquero VOR  
(PAL) (N05 29.2 W074 39.6) MEA 5000';  
(PAL) - PQ900 (N05 42.4 W074 32.4)  
035°/215° MEA 5000'; PQ900 - PQ901 (N06  
04.0 W074 21.0); PQ901 - VUNRO CRP (N06  
45.0 W073 57.6) MEA 7000; VUNRO - Bar-  
rancabermeja VOR (EJA); 10/13/15/25/47/19  
NM. **SKBO.**

W16 LOTOA NCRP estbld (N04 19.1 W074  
41 .1) KAMIS- LOTOA - Girardot (GIR) VOR  
5/13 NM. **LO-3/7C, SKBO.**

W17 IRIDA renamed BACUE.  
**LO-5/6D.**

**ENROUTE CHARTS SOUTH AMERICA**

W17 One way W-Bnd Tulua VOR (ULQ) - SIPAR 271°/091° 20NM. **SKCL**.

W18 DOGTA replaced by CEIFA. NCRP (N04 05.6 W073 52.0) DANSA - CEIFA - ROPOR 8/25 NM. **LO-5/6C, SKBO**.

W34 chgd to one way NE-bnd Cucuta (CUC) VOR - LUCHA CRP. **SKBO**.

W44 chgd to bi-directional Zipaquira (ZIP) VOR - Soacha (SOA) VOR. **SKBO**.

W47 withdrawn BARRANCA DE UPIA (UPI) NDB - ANGUV. **LO-5/6C**.

W85 ICAER CRP estbld (N04 04.5 W074 51.6) Girardot (GIR) VOR - ICAER - MORMO 7/12 NM; MEA 8000'/12000'. **LO-3, SKBO**.

Z008 estbld DIBAM CRP - UGOSA CRP 009°/ 189°, 92NM, MEA 8000 Until 05-Dec-19 (N08 W074- N10 W074). **LO-1, LO-5, SKBO**.

Z009 estbld OREGA - MONVI CRP (N02 59.2 W076 11.5) 224°/024°, 67 NM, MEA 16000; MONVI - KONKO CRP (N02 38.8 W076 27.2) 224°/024°, 26 NM, MEA 14000; KONKO - Popayan (PPN) VOR 225°/045°, 15 NM, MEA 11000. OPPOSITE Cruise Levels. **LO-3, SKCL**.

BARRANCA DE UPIA (UPI) NDB HOLDING withdrawn. **LO-5/6C**.

BARRANCA DE UPIA (UPI) NDB replaced by UBNOT CRP same position. All affected airways realigned thereafter (W25,W47). **LO-5/6C**.

DANGER AREA SK(D)-46 estbld (NE of Tolemaida VOR (TOL) a 2NM radius centered on N04 17.1 W074 36.1. Altitudes GND-8000. **SA LO-3, SKBO**.

DODGI HOLDING estbld; 249° inbound track, RIGHT turns. **LO-3/7C, SKCL**.

PALANQUERO TMA estbld. An irregular-shaped area approx. 40NM E-W by 80NM N-S centered approx 60NM NE of Mariquita (MQU) VOR. Altitudes GND - UNL. Time of operation 24 hrs. **SKBO 10-1, SKBO 10-1A**.

Palanquero, VORDME cmsnd. Ident "PAL", freq 114.20. coords at N05 29.3 W074 39.6. **SKBO 10-1, SKCL 10-1T**.

Prohibited Area SK (P)-32 estbld (N03 27.5 W076 30.0). A circle 3 NM SW of Cali VOR (CLO). Altitudes GND - 8000' MSL. **SKCL 10-1**.

RESTRICTED AREA SK(R)-9 vertical limits chgd to 11500' MSL SW of Soacha VOR (SOA). **LO-3/7C, SKBO**.

TRAINING AREA E-47 estbld. A circle 5 NM radius aprox 10 NM of West Barrancabermeja VOR (EJA). Altitudes GND - 5500' MSL. Times of operations SR-SS and in VMC. **LO-5/6A, SKBO 10-1A**.

TRAINING AREA E-48 estbld. A circle 5 NM radius aprox 15 NM NW of Barrancabermeja VOR (EJA). Altitudes GND - 5500' MSL. Times of operations SR-SS and in VMC. **LO-5/6A, SKBO 10-1A**.

TRAINING AREA E-49 estbld. A circle 5 NM radius aprox 20 NM of NE Barrancabermeja VOR (EJA). Altitudes GND - 5500' MSL. Times of operations SR-SS and in VMC. **LO-5/6A, SKBO 10-1A**.

TRAINING AREA SK(E)-51 estbld. An irregular shaped area approx 4NM S-N by approx 7NM E-W beginning approx 5NM w of Manizales VOR (MZL). Altitudes GND-7500. (N05 W075). **SA LO-3, SKBO**.

**CURITIBA FIR**

From 24 May 2018, 0000 UTC to 24 May 2020, 2359 UTC.

(COA) VOR 113.60MHZ unserviceable.

**DOMINICAN REPUBLIC**
**ATS ROUTES changed:**

UL216 established El Catey (DCY) VOR - FIDEL CRP (N19 31.7 W069 54.2) - LERED 340°/160°, 18/61 NM. **MDPP**.



**ENROUTE CHARTS SOUTH AMERICA**
**ECUADOR**
**ATS ROUTES changed:**

UL305 redesign one way S-bnd PULTU - TERAS. **HI-1/4.**

UM674 KETOM - TOSES CRP (S03 29.9 W 078 20.5) - ROBIG 142/191NM. EVLIM withdrawn. **SEQM.**

W/UW33 estbld Guayaquil VOR (GYV) - BIVAN CRP 035°/216°, 40NM MEA 3000 (S02 W080) **LO-3, HI-1.**

W5/W11/W29 Ambato VOR (AMV) redesign TIRTI CRP. **SEQM.**

AMBATO VOR (AMV) decmsnd. **SEQM.**

**FRENCH GUIANA**
**ATS ROUTES changed:**

UM791 redesign standard flight levels Barbados VOR (BGI) - DOLRO (N09 W054); DOLRO - ARNAM redesign even flight levels. **HI-3, HI-4.**

**LIMA FIR**
**ATS ROUTES changed:**

U/T333/UM548/UM793 EKUVA NCRP chgd to CRP. **LO-9/5D.**

**MEXICO**

NAUTLA (NAU) VOR decmsnd and replaced with AVALI CRP at same position (N20 W096). **HI-7.**

**PANAMA**
**ATS ROUTES changed:**

U/G437 withdrawn Taboga VOR (TBG) - DUXUN. **MPTO 10-1.**

UB510 Taboga VOR (TBG) - La Palma VOR (PML) - KUBEK withdrawn. **MPTO.**

UB510 withdrawn Taboga VOR (TBG) - COLBY. **MPTO 10-1.**

UG434 redesignated UL347 Taboga VOR (TBG) - TIMRO - EKENA - KASOR 022°/

202°, 187/111/89 NM, MEA FL200. **MPTO 10-1.**

UL335 estbld Taboga (TBG) VOR - PONPO CRP (N09 16.2 W078 12.0) - BOGAL 074°/254° 86/50NM. **MPTO.**

UM538 Taboga VOR (TBG) - PUDAK withdrawn. **MPTO.**

UM542 estbld Taboga VOR (TBG) - MIKUS - DAGAS - COLBY 013°/194°, 99/73/204 NM, FL200 MEA. **MPTO.**

UM542 estbld Taboga VOR (TBG) - RODAX CRP (N07 46.0 W079 47.7) - DABON CRP (N06 25.2 W080 05.9) 197°/017° 63/82NM MEA FL200; DABON- TINPA CRP (N04 30.3 W080 30.9) 117NM. **MPTO.**

UM597 estbld Taboga VOR (TBG) - AGUJA 048°/228°, 182 NM, FL200 MEA. **MPTO.**

UP790 estbld Taboga VOR (TBG) - KUBEK 112°/294° 147NM MEA FL200. **MPTO.**

BOCAS DEL TORO (BDT) VOR unserviceable till 31 DEC 19. **MPTO 10-1A.**

BOCAS DEL TORO, -apt renamed Jose Ezequiel Hall. **MPTO 10-1A.**

DANGER AREAS MP(D)-21 and 22 withdrawn (NW of Santiago VOR (STG)). **MPTO.**

RESTRICTED AREA MP(R)-24 withdrawn (SE of Taboga Island VOR (TBG)). **MPTO.**

**PANAMA FIR**

BOCAS DEL TORO, -apt renamed Jose Ezequiel Hall. **MPTO 10-1A.**

**PARAGUAY**

ENCARNACION VOR (VEN) 116.9 cmnd at S27 13.9 W55 50.2. **LO-10/4C.**

Mariscal Estigarribia NDB (MCL) decmsnd. **LO-10/3B.**

**PERU**
**ATS ROUTES changed:**

T311 DANTU renamed ISTAR. **LO-6/1C.**

## ENROUTE CHARTS SOUTH AMERICA

- T333 estbld one-way W-bnd Andahuaylas VOR (AND) - PALUK CRP (S13 43.6 W074 22.0) 273°/092°, 58 NM, MEA FL200; PALUK - EKUVA NCRP (S13 44.0 W075 09.6) 272°/092°, 46 NM, MEA FL200; EKUVA - ROKOP CRP (S13 44.2 W075 36.8) 272°/092°, 26 NM, MEA FL170; ROKOP - PISCO VOR (SCO) 272°/091°, 35 NM, MEA FL130. **SA LO-4/p1D.**
- T334 estbld one-way SE-bnd Pisco VOR (SCO) - KOSKO CRP (S13 32.5 W075 31.9) 075°/256°, 41 NM, MEA FL140; KOSKO - LIXIT CRP (S13 24.9 W075 05.8) 076°/256°, 27 NM, MEA FL170; LIXIT - VUPUD CRP (S13 18.8 W074 45.2) 076°/256°, 21 NM, MEA FL200; VUPUD - Ayacucho NDB (AYA) 076°/256°, 33 NM, FL 200. **SA LO-4/1D.**
- T336 estbld ASOXI CRP (S12 45.6 W076 36.4) - REKEM 109°/289° 60 NM, MEA FL200; REKEM - VUPUD - Andahuaylas (AND) VOR 109°/290° 53/84 NM MEA FL210. **LO-4/1D, LO-9/5B, 6A, SPJC.**
- T337 estbld ISOKI CRP (S16 14.6 W073 34.7) - TOROK 098°/279° 34 NM, TOROK - SIMEL - Shiuas (UAS) VOR 099°/279° 28/22 NM MEA FL150. **LO-9/5C.**
- U/V11 Jorge Chavez VOR (JCL) - Andahuaylas VOR (AND) withdrawn. **LO-4/1D, LO-9/5B, 6A, SPJC.**
- UP776 estbld bi-directional ILMUX - SATPO - RONSO 216°/036°, 71/59 NM, MEA FL250; One-way S-bnd RONSO - LODIN 214°/032°, 207 NM; LODIN - TOKAN 212°/032°, 132 NM; TOKAN - ILROL 211°/031°, 80 NM; ILROL - KALAR 197°/016°, 45 NM. **SPJC.**
- UT311 ILMUX - SATPO - RONSO - ISTAR - LODIN - TOKAN - ILROL - KALAR withdrawn. **SPJC.**
- UT336 estbld ASOXI CRP (S12 45.6 W076 36.4) - REKEM 109°/289° 60 NM, REKEM - VUPUD - Andahuaylas (AND) VOR 109°/290° 53/84 NM. **SPJC.**
- UV1 withdrawn Jorge Chavez (JCL) VOR - Tacna (TCA) VOR. **SPJC.**
- V1 withdrawn Salinas (SLS) VOR - Tacna (TCA) VOR. **LO-4/1C, D, 2C, LO-9/5A, B, C, 6D, SPJC.**
- V11 VUPUD CRP (S13 18.8 W074 45.2) estbld. REKEM - VUPUD - Andahuaylas VOR (AND) 53/84 NM. **SA LO-4/1D.**
- V14 Atico (ACO) NDB - Shiuas (UAS) VOR withdrawn. **LO-9/6C.**
- V17 Pucallpa NDB (PUL) - COCOS - Tingo Maria NDB (TGM) withdrawn. **LO-4/3C, LO-6/1C.**
- ASIA VOR/DME (ASI) decmsnd and replaced by ASOXI CRP same position. All affected airways realigned thereafter (L525, T246, T336, UL550, UM415, UM548, UM793, UT224, UT336). **LO-4/1D, LO-9/5B, SPJC.**
- ATICO NDB (ACO) decmsnd and replaced by ISOKI CRP same position. All affected airways realigned thereafter (L525, T337, UT337, UT224). **LO-9/6C.**
- PROHIBITED AREA SP(P)-92 estbld (SE of Jorge Chavez (JCL) VOR) as follows: A circle with a 1 NM radius centered on S12 29.7 W076 47.9. Altitudes: GND - 3000' MSL. **LO-4, LO-9, SPJC.**
- RESTRICTED AREA SP(R)-47 withdrawn (S12 W077). **LO-4, SPJC.**
- RESTRICTED AREA SP(R)-58 withdrawn E of Jorge Chavez VOR (JCL). **LO-4/2C, LO-9/5B, SPJC.**
- RESTRICTED AREA SP(R)-86 lateral limits chgd to a circle with a 15 NM radius centered on S06 40.0 W080 54.0. **LO-4.**
- RESTRICTED AREA SP(R)-91 estbld. An irregular shape S of Jorge Chavez (JCL) VOR. Altitudes: GND-2000. **LO-4/1D, LO-9/5B, SPJC.**
- RESTRICTED AREA SP(R)-93 estbld (NE of Tacna (TCA) VOR) as follows: A circle with a

**ENROUTE CHARTS SOUTH AMERICA**

1 NM radius centered on S17 14.1 W069 47.9. Altitudes: GND - 1500' AGL. **LO-9.**

RESTRICTED AREA SP(R)-94 estbld (NE of Pisco (SCO) VOR) as follows: A circle with a 1 NM radius centered on S13 22.7 W076 04.9. Altitudes: GND - 1500' AGL. **LO-4, LO-9.**

TINGO MARIA NDB (TGN) decmsnd and replaced by IBARE CRP same position. All affected airways realigned thereafter (T216, T325, T327, UM414). **LO-4/2D, LO-6/1C.**

**SURINAME**
**ATS ROUTES changed:**

G443 ITASI - Zandery (ZY) VOR 127°/ 307°; (ZY) VOR - MINAL 120°/300° (N05 W054). **LO-5.**

G449 KETIL - Zandery (ZY) VOR 147°/ 327°, 40 NM; (ZY) VOR - NASON 145°/ 325°, 53 NM (N05 W054). **LO-5.**

UG443 GEBON - Zandery (ZY) VOR 127°/ 307°; (ZY) VOR - MIKOK 120°/300° (N05 W054). **HI-3, HI-4.**

UG449 GEKOS - Zandery (ZY) VOR 147°/ 327°, 142 NM; (ZY) VOR - VILAS 154°/ 334° 65 NM (N04 W054). **HI-3, HI-4.**

UL306 DIMAS - SIROS 248°/068°. ( N02 W054 ) **HI-3, HI-4.**

**URUGUAY**
**ATS ROUTES changed:**

W15 RAMON renamed REGOV; CARME renamed KORBU. **LO-12/2D,3B, SAEZ.**

W23 AMISO renamed VULRO. **LO-12/2D,3B, SAEZ.**

W23-W27 LORES renamed REBIN. **LO-12/3A, SAEZ.**

W25 RANDE renamed TESAD. **LO-12/3A, SAEZ.**

W29 BERTA renamed KOSPI. **LO-12/2B, SAEZ.**

**VENEZUELA**
**ATS ROUTES changed:**

UG432 withdrawn Maiquetia VOR (MIQ) - ARMUR. **SVMI.**

UN779 established ARMUR CRP (N15 32.5 W066 38.1) - SILVA CRP (N14 27.3 W066 40.3) 194°/014°, 65NM MEA FL250; SILVA - TOSOS CRP (N12 20.1 W066 50.9) 198°/ 018°, 127NM; TOSOS - MIDUR CRP (N11 47.0 W066 53.6) 33NM; MIDUR - MAIQUETIA (MIQ) 70NM. **SVMI.**



# Change Notices

## NavData Change Notices

**LATIN AMERICA**

Jeppesen NavData CHANGE NOTICES highlight only ***significant*** changes affecting Jeppesen navigation data that may be currently stored in your aircraft navigation system database.

**IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.**

**FOR NavData BASE**

**12 Sep 19 THRU 09 Oct 19 CYCLE 1910**

**10 Oct 19 THRU 06 Nov 19 CYCLE 1911**

**GENERAL**

V/UV106 redesign one-way E-bnd NUDAL - FRANT(N22 W084).

**CUBA**

All scheduled flight operators will present a flight plan in order to fly over the Cuban Flight Information Region (FIR) outside of the Republic of Cuba airspace at least 30 minutes prior to take-off, or if it is presented during the flight, in a time that security exists if which air traffic services of the appropriate dependency will receive it at least 10 minutes before the time that the aircraft is expected to arrive at the prescribed point of the FIR.

**TERMINAL**
**BAHAMAS IS**
**MYAM, Marsh Harbour**

**Abaco I**, RNAV approach procedures are not authorized.

**MYAT, Treasure Cay**

**Abaco I**, RNAV approach procedures are not authorized.

**MYEF, Exuma Intl**

**Great Exuma I**, RNAV approach procedures are not authorized.

**MYEH, North Eleuthera**

**Eleuthera I**, RNAV approach procedure is not authorized.

**MYEM, Governors Harbour**

**Eleuthera I**, RNAV approach procedures are not authorized.

**MYER, Rock Sound Intl**

**Rock Sound**, RNAV approach procedures are not authorized

**MYSM, San Salvador Intl**

**San Salvador**, RNAV approach procedures are not authorized

**NAVAID**

**BOCAS DEL TORO** Bocas Del Toro VOR/DME (BDT) 114.9MHz / CH96X is unavailable until 31 DEC 2019.

**MANLEY MANLEY (MLY)** VORDME decmsnd.

**ENROUTE**
**BAHAMAS IS**

UL599 BYGON coord revised (N20 30.3 W073 50.0); BYGON - DAVOL 237°/055° 150 NM, MEA FL250.

**CUBA**

U/V106 RVSM Cruising Levels chgd to Standard FRANT - NUDAL (N22 W084)

## LATIN AMERICA

## CAICOS IS

**MBAC, Amergris Cay Intl**

**Ambergris Cay**, RNAV (GNSS) Rwy 07 (R07) and RNAV (GNSS) Rwy 25 (R25) instrument flight procedures are not authorized for use.

## COSTA RICA

**MROC, Juan Santamaria Intl**

**San Jose**, Flashing lights of the precision approach lighting system for runway 07 are out of order until 31 AUG 20.

## CUBA

**MUHA, Jose Marti Intl**

**Havana**, Acft bound for Jose Marti Intl should contact Boyeros Radio on freq 126.9 MHz not more than 40 minutes and not less than 20 minutes before arrival to communicate ETA.

## JAMAICA

**MKJP, Norman Manley Intl**

**Kingston**, SIDs ALKOL4, ALPEN2, DATOM2, ENEKA6, GUDIL4, MLY6, OMPAL2, RADOK6, SAVEM6, TIBEL2, URMAN2, AMEKO1, KEYNO1 are suspended until 31 May 2020 2359Z. SIDs will be removed from NavData in cycle 1907.

RW12 departures for aircraft with GPS equipment: After departure, maintain runway heading until passing 400FT then proceed direct to AMEKO, climb 6000FT. Expect vectors to flight planned route from approach radar prior to AMEKO.

RW12 departures for aircraft without GPS equipment: After departure, maintain runway heading until passing 400FT then turn right heading 130 degrees climb 6000FT. Expect vectors to flight planned route from approach radar.

RW30 departures for aircraft with GPS equipment: After departure, proceed direct to

KEYNO, climb 6000FT. Expect vectors to flight planned route from approach radar prior to KEYNO.

RW30 departures for aircraft without GPS equipment: After departure, maintain runway heading to 6000FT and expect vectors to flight planned route from approach radar.

The following STARs are suspended until 31 May 2020 2359UTC:

KEYNO 2, ELSE 4. Procedures will be removed in cycle 1907.

RW12 and 30 Arrivals:

RNAV (GNSS) RW12 and RNAV (GNSS) RW30 shall be the primary approach procedures. Arrivals will be cleared to execute the RNAV approach for the active runway.

RW12 and 30 arrivals for Non-RNAV Equipped Aircraft:

Non-RNAV equipped aircraft will be vectored to KEYNO; thereafter, execute the ILS approach RW12 or ILS circle to land RW30. Non-RNAV equipped aircraft unable to execute ILS approach will be vectored for visual approach if VMC exist.

## MEXICO

**MMOX, Xoxocotlan Intl**

**Oaxaca**, Departures TABMI3, MAXIL3, OAX2A completely withdrawn from NavData.

**SOUTH AMERICA**

Jeppesen NavData CHANGE NOTICES highlight only **significant** changes affecting Jeppesen navigation data that may be currently stored in your aircraft navigation system database.

**IMPORTANT: CHECK FOR NOTAMS AND OTHER PERTINENT INFORMATION PRIOR TO FLIGHT.**

**FOR NavData BASE**

**12 Sep 19 THRU 09 Oct 19 CYCLE 1910**

**10 Oct 19 THRU 06 Nov 19 CYCLE 1911**

**NAVAID**

**ALEJANDRIA** ALEJANDRIA NDB (ALE)  
decmsnd.

**BRASILIA** From 10 October 2019, 0000 UTC to 31 December 2020, 2359 UTC VOR/DME BSI 116.30 MHz/CH 110X will be unserviceable. Eff 10 Oct 19.

**CAMPOS** From 10 October 2019, 0000 UTC to 04 November 2019, 2359 UTC (CPO) NDB 225 Khz unserviceable. Eff 10 Oct 19.

**CARAJAS** NDB (CRJ) not available from 08 Dec 2016 to 31 Dec 2019.

**Garcas** From 12 Sep 2019, 0000 UTC to 31 Mar 2020, 2359 UTC DME (BAG) CH80X not usable.

**Garcas** From 12 Sep 2019, 0000 UTC to 31 Mar 2020, 2359 UTC DME (BAG) CH80X not usable.

**JACAREACANGA** From 24 MAY 2018 0000UTC until 31 DEC 2019 2359 UTC JACAREACANGA, JAC (VOR/DME) will be unserviceable.

**NOVA** From 09 Nov 2017, 0200Z until 31 Dec 2019, 0159Z.NDB (NOA) 215 Khz will be unserviceable.

**PAULO AFONSO** From 19 October 2019, 0000 UTC to 19 October 2020, 2359 UTC (PAF) VOR 113.30 MHz unserviceable. Eff 19 Oct 19.

**PRUDENTE** From 21 Jul 2016 0000Z until 31 DEC 2019 2359Z DME (PRR) will be unserviceable.

**RIBEIRAO** VOR/DME (RPR) will be unserviceable from 0000 UTC 06 DEC 18 to 2359 UTC 31 DEC 20.

**TUCURUI** TUCURUI VOR/DME (TUI) not available from 0000 UTC 01 Feb 2018 to 2359 UTC 31 Dec 2019.

**ENROUTE**
**BOLIVIA**

W6 withdrawn Tarija VOR (TAR) - Bermejo NDB (BJO).

**BRAZIL**

**TEMPORARY DANGER AREA** estbld until 31 Dec 19. A triangular-shaped area bounded by the following points: N03 50.4 W051 49.3 - N03 51.4 W051 49.5 - N03 50.7 W051 50.1. Altitudes Gnd - 1350' MSL.

**TEMPORARY DANGER AREA** estbld until 31 Dec 19. An irregular-shaped area bounded by the following points: S03 09.0 W059 59.9 - S03 09.1 W059 59.4 - S03 08.7 W059 58.7 - S03 08.6 W059 58.9 - S03 08.8 W059 59.8. Altitudes Gnd - 1400 MSL.

**TEMPORARY PROHIBITED AREA** estbld until 31 Dec 19. A circle with a 2 NM radius centered on S09 05.7 W064 05.4. Altitudes Gnd - 2000' MSL.



## SOUTH AMERICA

## COLOMBIA

GRID MORA (N03-N04, W075-W076) lowered to 17,100.

UL474 SUSPENDED TOMEK - ROKIN.

## FRENCH GUIANA

UM791 redesign standard flight levels Barbados VOR (BGI) - DOLRO (N09 W054); DOLRO - ARNAM redesign even flight levels.

## TERMINAL

## ARGENTINA

**SACO, Ing Aeron Ambrosio Lv Taravell**

**Cordoba**, Rwy ends 01 and 17 are not usable.

These runway ends are coded only for database purposes and are not usable runway ends. Only use rwy 19 and 35 in Jeppesen NavData.

**SAEZ, Ezeiza Intl Ministro Pistarini**

**Buenos Aires**, Rwy 35: Landing Distance Beyond Glideslope 8079ft (2462m).

**SAVC, Gen. Enrique Mosconi Intl**

**Comodoro Rivadavia**, SID RW07 EGEU 1C, GATUD 1C, PUBLO 1C, VUKNA 1C, BODUN 1C, ETASO 1C, IRAXO 1C and SID RW25 EGEU 1G, GATUD 1G, PUBLO 1G, VUKNA 1G, BODUN 1G, ETASO 1G, IRAXO 1G temporarily suspended due to maintenance.

STAR RW25 EGEU 1U, GATUD 1U, PUBLO 1U, VUKNA 1U, BODUN 1U, ETASO 1U, IRAXO 1U temporarily suspended due to maintenance.

## BOLIVIA

**SLTJ, Capt Oriel Lea Plaza**

**Tarija**, Rwy 31 PAPI unserviceable.

## BRAZIL

**SBAA, Conceicao Do Araguaia**

**Conceicao Do Araguaia**, All runway lighting facilities unavailable. Effective 0000UTC 8 Dec 2016 to 2359UTC 31 Dec 2019.

The first 4429' (1350m) of Rwy 08 closed for landing. The first 2100' (640m) of Rwy 26 closed for landing and the last 4429' (1350m) closed for takeoff due to obstacle, until 31 Dec 2019, 2359 UTC.

Declared Distance for Rwy 08/26 modified: until 31 Dec 2019, 2359 UTC

TORA TODA ASDA LDA

Rwy 08 5906'(1800m) 5906'(18000m)  
6115'(1864m) 1476'(450m)

Rwy 26 1476'(450m) 1476'(450m)  
1476'(450m) 3806'(1160m)

**SBAX, Araxa**

**Araxa**, MASDI 1A [MASD1A] DEP not available from 11 OCT 2018 0000Z until 31 DEC 2019 2000Z.

**SBBE, Val De Cans-Ribeiro Intl**

**Belem**, Departure RW02 RNAV JANES1 transition RW02 suspended until 31 DEC 2019 2359UTC.

RNAV (GNSS) RWY 24 (R24) NOT AVAILABLE TO LNAV/VNAV FROM 25 MAY 2017 AT 0000 UTC UNTIL 31 DECEMBER 2019 AT 2359 UTC.

**SBBH, Pampulha-Carlos Drummond De Andrade**

**Belo Horizonte**, From 10 Oct 2019, 0000UTC to 01 Feb 2021, 2359UTC, Air to Ground (traffic) freq 121.100MHz unusable. Eff 10 Oct 19.

RNAV (GNSS) A Rwy 31 (RNVA) is not available from 12 Sep 2019, 0000 UTC to 31 Dec 2020, 2359 UTC.

## SOUTH AMERICA

**SBBR, Pres Juscelino Kubitschek Intl**

**Brasilia**, ILS CAT I Rwy 29R (I29R) and ILS CAT I Rwy 29L (I29L) are unservicable.

ILS V Rwy 11R CAT II (I11RV) is not available from 01 MAR 2018, 0000 UTC to 31 DEC 2019, 2359 UTC.

ILS W Rwy 11L (I11LW), the missed approach hold at EDVIV should read as follows: right-hand turns and 258° inbound. NavData will be updated Cycle 1911, effective 10 OCT 19.

RNAV (GNSS) Z Rwy 11L (R11LZ) is not available from 29 Oct 19, 0000 UTC through 01 Aug 20, 2359 UTC. Eff 29 Oct 19.

**SBCI, Brig Lysias A Rodrigues**

**Carolina**, All runway lighting facilities unavailable. Effective 0000UTC 8 Dec 2016 to 2359UTC 31 Dec 2019.

Declared Distance of Rwy 11/29 Modified:

TORA TODA ASDA LDA

RWY 11 5906'(1800m) 5676'(1730m)  
5906'(1800m) 5906'(1800m)

RWY 29 5906'(1800m) 5906'(1800m)  
5906'(1800m) 5381'(1640m)

**SBCM, Forquilha-Criciuma**

**Forquilha**, RNAV (GNSS) Rwy 09 (R09) and RNAV (GNSS) Rwy 27 (R27) are not available from 18 JUL 19, 0000 UTC until 31 DEC 19, 2359 UTC.

SID RNAV DOGPO 1A, DONRO 1A, EGBIP 1A, ITBEB 1A & JUICE 2A RWY 09 unavailable from 18 JUL 2019 0000 UTC to 31 DEC 2019 2359 UTC.

SID RNAV DOGPO 1B, DONRO 1B, EGBIP 1B, ITBEB 1B & JUICE 2B RWY 27 unavailable from 18 JUL 2019 0000 UTC to 31 DEC 2019 2359 UTC.

**SBCN, Caldas Novas**

**Caldas Novas**, Departures [GUARI1], [OPRAX1], [ROMIK1], [SATNA1] and [YBA1] for RWY 27 are not available from 26 APR 2018 0000Z until 01 DEC 2019 2359Z.

**SBCR, Corumba Intl**

**Corumba**, RNAV (GNSS) Rwy 09 (R09) not available.

**SBCT, Afonso Pena Intl**

**Curitiba**, ILS U Rwy 15 (I15-U) CAT II and III: OPR CAT III not available from 11 October 2018, 0000 UTC to 11 October 2019, 2359 UTC.

**SBDB, Bonito**

**Bonito**, RNAV (GNSS) Rwy 18 (R18) is not available from 18 July 19, 0000 UTC until 18 July 29, 2359 UTC.

SIDs DOKMA 1, ISONI 1, KODRI 1 not available for runway 36.

SIDs DOKMA1, ISONI1, KODRI1 not available for runway 18.

**SBEG, Eduardo Gomes Intl**

**Manaus**, Departures RW11/29 KODLU 1A [KODL1A], KODLU 1B [KODL1B] not available effective 01 Feb 2018 UTC until 31 Dec 2019 2359 UTC.

[ILKU1A] ILKUP 1A DEP not available from 0000Z 01 MAR 2018 until 2359Z 31 DEC 2019.

[ILKU1B] ILKUP 1B DEP not available from 0000Z 01 MAR 2018 until 2359Z 31 DEC 2019 per SUP A016/2018 and SUP N030/2018.

RWY 11/29 closed due to work.

Days and hours: MON/TUE WED/THU SAT/SUN 005-0259Z, TUE/WED THU/FRI FRI/SAT 2100-0259Z.

Period: from 12 SEP 2019 2005Z till 20 DEC 2019 0259Z.

**SBFS, Farol de Sao Tome**

**Campos Dos Goytacazes**, Departures RNAV ESPEB 1, IVTUV 1, conventional DIMUX 2B, LUVRA 2B, MAKIT 2B, MONGU 2B, TORIR 2B, VUMPA 2B not available 28 Mar 2019 0000UTC until 31 Jan 2021 2359UTC.

## SOUTH AMERICA

**SBGL, Galeao-Antonio Carlos Jobim Intl**

**Rio De Janeiro**, Departures [EVRA2B] and [EVRA2C] transition SIDUR not available. Departure [EVRA1A] available as a replacement for SIDUR transition.

**SBGM, Guajara Mirim**

**Guajara Mirim**, All runway lighting facilities unavailable. Effective 0000UTC 8 Dec 2016 to 2359UTC 31 Dec 2019.

**SBGO, Santa Genoveva**

**Goiania**, From 10 October 2019, 0000 UTC to 31 December 2019, 2359 UTC PAPI runway 14/32 unserviceable. Eff 10 Oct 19.

[KETU1A], [SATN1A], [SEKL1A], [SELM1A], [UBSU1A] RNAV DEPS RWY 32 not available sunrise to sunset from 29 MAR 2018 0000Z until 31 DEC 2019 2359Z.

**SBGR, Guarulhos-Gov Andre Franco Montoro Intl**

**Sao Paulo**, Runway 09L/27R closed due to maintenance service. Days and hours: Mon 0445-0759Z, Tue 0445-0659Z. Period: from 19 AUG 2019, 0445Z to 15 OCT 2019, 0659Z.

**SBGV, Cel. Altino Machado**

**Governador Valadares**, From 20 June 2019, 0000 UTC to 20 June 2020, 2359 UTC, NDB VAL 380 kHz unserviceable.

**SBIC, Itacoatiara**

**Itacoatiara**, From 25 APR 2019 0000 UTC until 31 DEC 2021 2359 UTC NDB YTC 320 Khz not usable.

**SBIH, Itaituba**

**Itaituba**, The first 1017' (310m) of runway 05 closed to landing. The last 1017' (310m) of runway 23 closed to take-off.

Declared Distances are as follows:

Rwy 05: TORA= 5266' (1605m), TODA= 5266' (1605m), ASDA= 5266' (1605m), LDA= 4249' (1295m)

Rwy 23: TORA= 4249' (1295m), TODA= 4249' (1295m), ASDA= 4249' (1295m), LDA= 5266' (1605m)

VASIs (AVASI) Rwy 05 are not usable from 07-DEC-17 0000UTC to 31-DEC-19 2359 UTC.

**SBIL, -Bahia-Jorge Amado**

**Ilheus**, From 03 Jan of 2019, 03000 UTC to 03 Jan of 2020, 2359 UTC, first 361'(110m) of rwy 29 closed for landing and last 361'(110m) of rwy 11 closed for takeoff due obstacle.

IFR operation will not be available.

Rwy 11 TORA 4813'(1467m) TODA 4813'(1467m) ASDA 5371'(1637m) LDA 5174'(1577m). Rwy 29 TORA 5174'(1577m) TODA 5174'(1577m) ASDA 5338'(1627m) LDA 4813'(1467m).

**SBJF, Francisco De Assis**

**Juiz De Fora**, From 06 DEC 18 (0000 UTC) to 31 DEC 19 (2359 UTC), LOC Rwy 03 (L03) is not available.

From 06 DEC 18 (0000 UTC) to 31 DEC 19 (2359 UTC), NDB Rwy 03 (N03) is not available.

From 06 DEC 18 (0000 UTC) to 31 DEC 19 (2359 UTC), RNAV (GNSS) Rwy 03 (R03) is not available.

SIDs SIDU1B, BBC1B, UMKI1B, ARAU1A, ARAU1B, LUNA1B, BBC1A, UMKI1A, not available from 6 DEC 2018 0000Z until 31 DEC 2019 2359Z.

**SBJI, Ji-Parana**

**Ji-Parana**, Departures RW03/21 RNAV JI0031 - JI0041 - JI0061 - JI0071 suspended until 31 DEC 2019 2359UTC.

RNAV (GNSS) Rwy 03 (R03) is suspended from 08 DEC 16, 0000 UTC to 31 DEC 19, 2359 UTC.

**SBKP, Viracopos Intl**

**Campinas**, PAPI RWY 33 MEHT changed to 65' from 07-DEC-17 0000 UTC to 31-DEC-19 2359UTC.

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**SBLO, Governador Jose Richa**

**Londrina**, [AKT1A] AKTIT 1A, [JAVA1A] JAVAN 1A, [KOTE1A] KOTEG 1A, [KUDR1A] KUDRI 1A, [PAMU1A] PAMUS 1A, [SIGA1A] SIGAR 1A DEPS not available from 0000Z 12 SEP 2019 until 2359Z 01 JUL 2020.

**SBMA, Maraba**

**Maraba**, AFIS service on 125.850 MHz will operate from 2100-0900 UTC, O/T contact Maraba Approach on 119.200 MHz from 07 DEC 17 0000 UTC to 31 DEC 19 2359 UTC.

**SBMN, Ponta Pelada**

**Manaus**, Departure RW09/27 DADRA2 not available effective 14 Sep 2017 0000 UTC until 31 Dec 2019 2359 UTC. AIP SUP N117/17.

Departures RW09/27 KODLU 2 [KODLU2], KODLU 3 [KODLU3] not available effective 1 Feb 2018 0000 UTC until 31 Dec 2019 2359 UTC.

[ILKUP2] ILKUP 2 and [ILKUP3] ILKUP 3 departures are not available from 01 MAR 2018 0000Z until 31 DEC 2019 2359Z.

**SBMO, Zumbi Dos Palmares Intl**

**Maceio**, From 10 October 2019, 0000 UTC to 12 September 2020, 2359 UTC. Threshold Rwy 30 displaced 368' (112m). Declared distances Rwy 12/30 modified: TORA TODA ASDA LDA RWY 12: 8169' (2490M) 8169' (2490M) 8169' (2490M) 8169' (2490M); RWY 30: 8169' (2490M) 8169' (2490M) 8169' (2490M) 8169' (2490M) 8169' (2490M). Eff 10 Oct 19.

**SBMQ, Alberto Alcolumbre Intl**

**Macapa**, Departures RW08/26 CAMI, LADO, MATI suspended until 31 DEC 2019 2359UTC.

**SBPA, Salgado Filho Intl**

**Porto Alegre**, Departure VUGET 1A [VUGE1A] not available. Effective from 19 Jul 2018 0000 UTC to 01 Mar 2020 2359 UTC.

From 28 March 2019, 0000 UTC to 28 March 2020, 2359 UTC, ATIS operational frequency 127.85 MHz change to 132.35 MHz.

**RNAV (GNSS) Rwy 11: LNAV/VNAV landing minimums for all categories changed as follows: DA 407' changed to read 446'; DA(H) 396' changed to read 435'; Ceiling 400' changed to read 450'. LNAV minimums for all categories changed as follows: MDA 450' changed to read 500'; MDA(H) 439' changed to read 489'. Ceiling 500' changed to read 550'.**

**ILS Z or LOC Z Rwy 11: LOC (GS out) landing minimums for all categories changed as follows: MDA 450' changed to 500'. MDA(H) 439' changed to 489'. Ceiling 500' changed to 550'.**

**SBPC, Pocos De Caldas**

**Pocos De Caldas**, NDB Rwy 09 (N09) not available from 28 March 19, 0000 UTC to 31 Jan 23, 2359 UTC.

**SBPK, Pelotas Intl**

**Pelotas**, Runway 15/33 closed due to runway irregularity.

Days and hours: H24

Period: From 20 June 2019, 0000 Z to 30 June 2023, 2359 Z.

**SBPO, Pato Branco**

**Pato Branco**, Pato Branco airport ident changed from SSPB to SBPO.

**SBPV, Porto Velho**

**Porto Velho**, Effective until 31 DEC 2019 2359 departures RW01/19

BOTO, ISURA, LEGO, GUIMA, KOGVI, MARX, TANG, CHANT, RUTH:

Climb gradient RW01: 3.3% RW19: 3.5% until 800FT, then 3.3%.

**SBQI, Caracarai**

**Caracarai**, RNAV (GNSS) Rwy 04 (R04) and RNAV (GNSS) Rwy 22 (R22) are not availa-

## SOUTH AMERICA

ble from 10 Oct 19, 0000 UTC through 31 Dec 20, 2359 UTC. Eff 10 Oct 19.

**SBRJ, Santos Dumont**

**Rio De Janeiro**, SID EVSO1F not available from 18 JUL 2019 until 1 NOV 2019 2359Z.

**SBRP, Leite Lopes**

**Ribeirao Preto**, Taxi with caution on Alfa Twydue to limited visibility from the tower.

**SBSG, Gov Aluizio Alves Intl**

**Sao Goncalo Do Amarante**, From 23 May 2019, 0000 UTC to 03 March 2020, 2359 UTC, ALS RWY 12 (ALSF-1) operating with operational restriction of 3937' (1200m).

**SBSI, Presidente Joao Batista Figueiredo**

**Sinop**, RNAV (GNSS) Rwy 03 (R03) and RNAV (GNSS) Rwy 21 (R21) are not available from 20 Jun 19, 0000UTC to 31 DEC 20, 2359 UTC.

**SBTB, Trombetas**

**Oriximina**, Departures RW09/27 RITA - RUCO suspended until 31 DEC 2019 2359UTC.

**SBTS, Tirois**

**Obidos**, Until 31 DEC 19 2359Z all landing area lights are unavailable.

**SBTU, Tucurui**

**Tucurui**, Airport Beacon is not usable from JUN 21, 2018, 0000 UTC - DEC 31, 2019, 2359 UTC.

Landing area lights not available from April 27, 2017, 0000 UTC to 31 December 2019, 2359 UTC.

- VASI Rwy 02 inoperative.

- VASI Rwy 20 inoperative.

**SBUA, Sao Gabriel Da Cachoeira**

**Sao Gabriel Da Cachoeira**, ABN not usable.

All landing area lights unavailable. From April 27, 2017, 0000 UTC until December 31, 2019, 2359 UTC.

ARFF CAT 3 unavailable.

Uncontrolled animals on movement area.

**SBVT, Eurico De Aguiar Salles**

**Vitoria**, From 10 Oct 2019, 0000UTC to 24 Dec 2019, 2359UTC, Air to Ground (traffic) freq 121.5MHz unserviceable. Eff 10 Oct 19.

## CHILE

**SCBA, Balmaceda**

**Balmaceda**, New Rwy 09L/27R is activated. Rwy 09L/27R will be activated through state notams.

Rwy 09/27 will be deactivated during the same time frame.

RWY 09/27 will be closed and parallel TWY is enabled as RWY 09L / 27R. The start and end dates of these activities will be the published by NOTAM. During this time, the following procedures are not available for use:

VOR Rwy 09 (S09)

VOR Rwy 27 (S27)

RNAV (GNSS) Y Rwy 09 (R09-Y)

RNAV (GNSS) Y Rwy 27 (R27-Y)

RNAV (RNP) Z Rwy 09 (R09-Z)

RNAV (RNP) Z Rwy 27 (R27-Z)

VOR Rwy 27 not coded due to VOR Y Rwy 27 coded from NOTAM C0047/18.

## PARAGUAY

**SGES, Guarani Intl**

**Ciudad Del Este**, Departures RW05/23 ALDOS, COSTA, DAGOL, KAMIL, MATEL suspended. AIP SUP A04/C04/2016.

## PERU

**SPRU, Cap Carlos Martinez De Pinillos**

**Trujillo**, During periods where TRU VOR/DME is out of service per State NOTAMs, the following applies:

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SOUTH AMERICA

Only the following approach procedures will be available:

ILS RWY 02: Aircraft bound for Trujillo via AWY V1/UV1/G675 will use distance information from GNSS and/or DME using ILS/DME IMDP 109.7 MHz. Aircraft bound for Trujillo via AWY UM542, will use the STAR RNAV VUGAL 1 to IREPO and continue ILS Rwy 02. IREPO is located on the LOC centerline at 11.8 DME IMDP. IREPO holding pattern outbound leg terminates at 17 DME IMDP or 1 minute. RNAV (RNP) Rwy 20: Available only to operators with RNP AR approval for aircraft and crew.

The following instrument approach procedures are suspended: VOR Rwy 02, VOR A, VOR B

SID's RELUN 1F, VATES 2F, ESMIL 1B suspended while Trujillo (TRU) VOR is out of service. The start and end dates of the temporary suspension shall be communicated through NOTAM messages.

STAR's RELUN 1A and VATES 2A suspended while Trujillo (TRU) VOR is out of service. The start and end dates of the temporary suspension shall be communicated through NOTAM messages.

**SPSO, Pisco**

**Pisco**, During Asia [ASI] VOR/DME temporary shutdown, the following arrival procedure is revised:

RW22 GEBED 2 [GEBED2] SCO VOR R-340 may be used for navigation guidance.

The duration of ASI VOR/DME shutdown will be communicated by NOTAM.



# Enroute

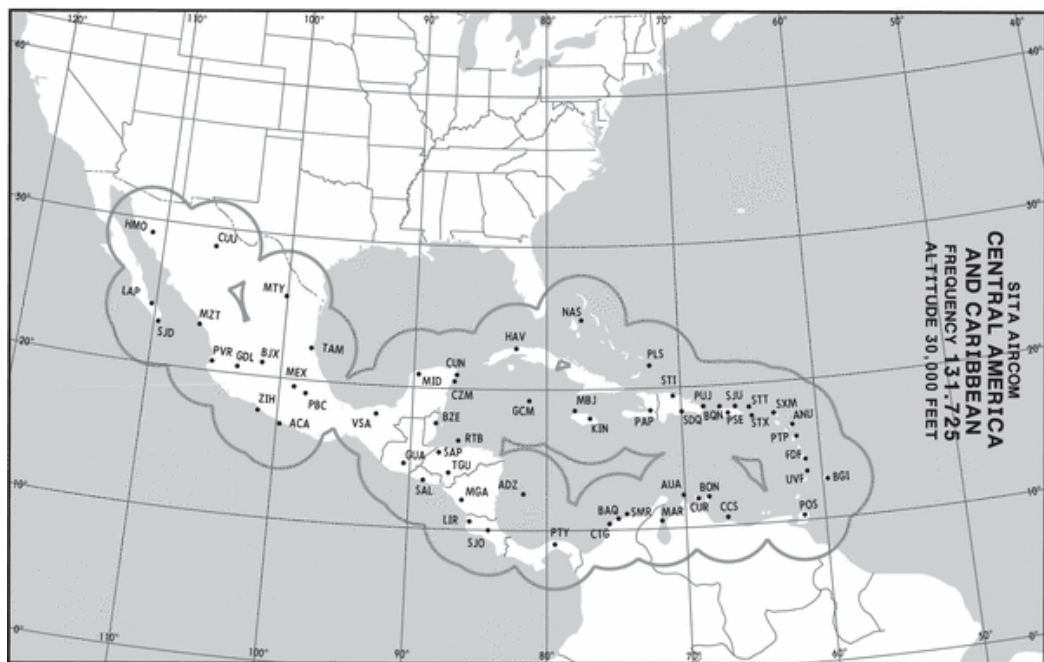




# Enroute

## Enroute Data - General

**SITA**  
**SITA AIRCOM-CENTRAL AMERICA AND CARIBBEAN**



**REMOTE GROUND STATIONS**

Ident	Location
ACA	Acuapulco, Mexico
ADZ	San Andres, Colombia
ANU	St Johns (Bird Intl), Antigua
AUA	Aruba (Reina Beatrix Intl Oranjestad), Aruba
BAQ	Barranquilla, Colombia
BGI	Barbados (Adams Intl Bridgetown), Barbados
BJX	Leon (De Guanajuato Intl), Mexico
BON	Bonaire, Neth Antilles
BQN	Aguadilla, Puerto Rico
BZE	Belize, Belize
CCS	Maiquetia (Simon Bolivar Intl), Venezuela
CTG	Cartagena, Colombia

**SITA**  
**SITA AIRCOM-CENTRAL AMERICA AND CARIBBEAN**

**REMOTE GROUND STATIONS (continued)**

<b>Ident</b>	<b>Location</b>
CUN	Cancun, Mexico
CUR	Curacao I, Neth Antilles
CUU	Chihuahua, Mexico
CZM	Cozumel, Mexico
FDF	Aime Cesaire, Marinique I
GCM	Grand Cayman, Cayman Is
GDL	Guadalajara (Don Miguel Hidalgo Intl), Mexico
GUA	Guatemala City, Guatemala
HAV	Havana, Cuba
HMO	Hermosillo, Mexico
KIN	Kingston, Jamaica
LAP	La Paz, Mexico
LIR	Liberia (Daniel Oduber Quiros Intl), Costa Rica
MBJ	Montego Bay, Jamaica
MEX	Mexico City, Mexico
MGA	Managua, Nicaragua
MID	Merida (Lic Manuel Crescencio Rejon Intl), Mexico
MTY	Monterrey, Mexico
MZT	Mazatlan, Mexico
NAS	Nassau (Intl), Bahamas
PAP	Port au Prince, Haiti
PBC	Puebla, Mexico
PLS	Providenciales Turks & Caicos Is
POS	Port of Spain, Trinidad and Tobago
PSE	Ponce, Puerto Rico
PTP	Pointe a Pitre, Guadeloupe
PTY	Panama City, Panama
PUJ	Higüey (Punta Cana Intl), Dominican Rep.
PUR	Puerto Vallarta, Mexico

**SITA**  
**SITA AIRCOM-CENTRAL AMERICA AND CARIBBEAN**

**REMOTE GROUND STATIONS (continued)**

<b>Ident</b>	<b>Location</b>
RTB	Roatan (Juan Manuel Galvez Intl), Honduras
SAL	San Salvador (El Salvador Intl), El Salvador
SAP	San Pedro Sula (Ramon Villeda Morales Intl), Honduras
SDQ	Santo Domingo (Las Americas Intl), Dominican Rep.
SJO	San Jose (Alajuela Juan Santamaria Intl), Costa Rica
SJU	San Juan, Puerto Rico
SMR	Santa Marta, Colombia
STI	Santiago (Cibao Intl), Dominican Rep
STT	St Thomas I / Charlotte Amalie, US Virgin Islands
STX	Christiansted, St Croix, US Virgin Islands
SXM	San Maarten, Neth Antilles
TAM	Tampico (Gen Francisco Javier Mina Intl), Mexico
TGU	Tegucigalpa, Honduras
UVF	St Lucia, Saint Lucia
VSA	Villahermosa, Mexico
ZIH	Ixtapa / Zihuatanejo, Mexico

# SITA SITA AIRCOM SOUTH AMERICA



**SITA**  
**SITA AIRCOM-SOUTH AMERICA**  
**REMOTE GROUND STATIONS**  
**131.725**

<b>Ident</b>	<b>Location</b>
AEP	Ciudad Autonoma de Buenos Aires, Argentina
ANF	Antofagasta, Chile
AQP	Arequipa, Peru
ARI	Arica (Cacalluta Intl), Chile
ASU	Asuncion (Presidente Stroessner), Paraguay
AXM	Armenia, Colombia
BAQ	Barranquilla, Colombia
BBA	Balmaceda, Chile
BGA	Bucaramanga, Colombia
BOG	Bogota, Colombia
BRC	Bariloche, Rio Negro, Argentina
CAY	Cayenne, French Guyana
CCP	Concepcion (Cariel Sur Intl), Chile
CCS	Caracus, Venezuela
CIX	Chiclayo (Captain Fap Jose Abelardo Quinones Gonzales Intl), Peru
CJC	Calama, Chile
CLO	Cali, Colombia
COR	Cordoba, Argentina
CPO	Copiapo, Chile
CRD	Comodoro Rivadavia, Chubut Argentina
CTG	Cartagena, Colombia
CUZ	Cuzco, Peru
EZE	Buenos Aires, Argentina
FTE	El Calafate, Santa Cruz, Argentina
GEO	Georgetown (Cheddi Jagan Intl), Guyana
GYE	Guayaquil, Ecuador
IGR	Cataratas Del Iguazu, Argentina

**SITA  
SITA AIRCOM-SOUTH AMERICA**

**REMOTE GROUND STATIONS (continued)**

**131.725**

<b>Ident</b>	<b>Location</b>
IQQ	Iquique (Diego Aracena Intl), Chile
IQT	Iquito, Peru
JUL	Juliaca, Peru
LET	Leticia, Colombia
LIM	Lima-Callao (Jorge Chavez Intl), Peru
LPB	La Paz (Kennedy Intl), Bolivia
LSC	La Serena, Chile
MAR	Maracaibo, Venezuela
MDE	Medellin, Colombia
MDZ	Mendoza, Argentina
MVD	Montevideo (Carrasco Intl), Uruguay
NQN	Neuquen, Argentina
PBM	Paramaribo, Suriname
PEI	Pereira, Colombia
PEM	Puerto Maldonado, Peru
PIU	Piura, Peru
PMC	Puerto Montt (El Tepual Intl), Chile
POS	Port of Spain, Trinidad and Tobago
PTY	Panama City, Panama
PUQ	Punta Arenas, Chile
REL	Trelew, Argentina
ROS	Rosario, Argentina
SCL	Santiago (Arturo Merino Benitez Intl), Chile
SLA	Salta, Argentina
SMR	Santa Marta, Colombia
TCQ	Tacna, Peru
TPP	Tarapoto, Peru
TRU	Trujillo, Peru



**SITA  
SITA AIRCOM-SOUTH AMERICA****REMOTE GROUND STATIONS (continued)****131.725**

<b>Ident</b>	<b>Location</b>
TUC	San Miguel Tucuman, Argentina
UIO	Quito, Ecuador
USH	Ushuaia, Tierra del Fuego, Argentina
VVI	Santa Cruz, Bolivia
ZAL	Valdivia, Chile
ZCO	Temuco, Chile
ZOS	Osorno, Chile

**REMOTE GROUND STATIONS****131.550**

<b>Ident</b>	<b>Location</b>
BEL	Belem, Brazil
BPS	Porto Seguro, Brazil
BSB	Brasilia, Brazil
BVB	Boa Vista, Brazil
CGR	Campo Grande, Brazil
CNF	Belo Horizonte, Brazil
CPQ	Campinas, Brazil
CWB	Curitiba, Brazil
CXB	Cachimbo, Brazil
FEN	Fernando de Noronha, Brazil
FOR	Fortaleza, Brazil
GIG	Rio de Janeiro, Brazil
GRU	Sao Paulo, Brazil
IGU	Foz Do Iguacu, Brazil
LAZ	Bomjesus de Lapa, Brazil
MAO	Manaus, Brazil
PNZ	Petrolina, Brazil

**SITA**  
**SITA AIRCOM-SOUTH AMERICA**

**REMOTE GROUND STATIONS (continued)**

**131.550**

<b>Ident</b>	<b>Location</b>
POA	Porto Alegre, Brazil
PVH	Porto Velho (Gov J Teixeira de Oliveira Intl), Brazil
REC	Recife, Brazil
RIO	Rio de Janeiro, Brazil
SAO	Sao Paulo, Brazil
SSA	Salvador, Brazil
STM	Santarem (Santarem Intl), Brazil



# Enroute

Enroute Data - Latin America

LATIN AMERICA  
SECONDARY SURVEILLANCE RADAR-SSR

## RADAR BEACON ASSIGNMENT TO MODE A/3 CODED BEACON TRANSPONDER EQUIPPED AIRCRAFT

### STANDARD OPERATING PROCEDURES

- a. Aircraft equipped with Mode C shall squawk altimeter when operating transponder on Mode A/3.
- b. After selection of the Mode/Code specified by ATC the transponder should be adjusted to the "ON" (or normal operating) position as late as practicable prior to take-off and to "OFF" or "STANDBY" as soon as practicable after completing the landing roll.
- c. Select or reselect Modes/Codes only as directed by ATC, except in case of:
  - unlawful interference (hijacked) squawk 7500\*
  - communication failure squawk 7600\*
  - emergency squawk 7700\*

**CAUTION:** *\*Squawking of 75..; 76..; 77.. plus any third and fourth figures will also activate alarm system at ground station.*

- d. Squawk 2000 when entering a FIR/UIR from an adjacent region where operation of a transponder has not been required or assigned.

### STANDARD TRANSPONDER FAILURE PROCEDURES

#### After Departure

- a. ATC units will endeavor to provide for flight to continue in accordance with flight plan.
- b. After landing pilots shall make every effort to have transponder restored to normal operation.

#### Before Intended Departure

##### *If Transponder Cannot Be Restored*

- a. Inform ATC, preferably before filing flight plan.
- b. Plan to fly by most direct route to nearest suitable airport where repair can be effected, and
- c. Insert appropriate code in item 10 of ICAO flight plan.

General compliance with and additions to the above standard operating procedures or standard transponder failure procedures are as listed below.

#### **Bahama Islands (Miami FIR/CTA, Nassau FIR/CTA)**

Except when encountering an emergency, pilots shall operate transponders and select modes and codes in accordance with ATC instructions. In particular, when entering Nassau TMA or 60 NM radius from Nassau, pilots who have already received specific Instructions from ATC concerning the setting of the transponder shall maintain that setting until otherwise instructed.

- a. Pilots of aircraft about to enter Nassau TMA or 60 NM from Nassau and have not received specific instructions from ATC concerning the setting of the transponder shall operate the

**LATIN AMERICA**  
**SECONDARY SURVEILLANCE RADAR-SSR**

transponder on Mode A/3, Code 1200 before entry, and maintain that code setting until otherwise instructed.

- b. If the pilot of an aircraft encountering a state of emergency has previously been directed by ATC to operate the transponder on a specific code, this code setting shall be maintained until otherwise advised.
- c. In all other circumstances, the transponder shall be set to Mode A/3, Code 7700 not withstanding the procedure in paragraph a above, a pilot may select Mode A/3, Code 7700 when even the nature of the emergency is such that this appears to be the most suitable course of action.
- d. In the event of an aircraft radio receiver failure, a pilot shall select Mode A/3, Code 7600 and follow established procedures; subsequent control of the aircraft will be based on those procedures.
- e. The following functional codes are assigned to aircraft that will remain in Nassau Controlled Airspace.

IFR / SVFR / ARRIVALS	0100-0177
IFR / SVFR / VFR / DEPARTURES	0200-0277
IFR / VFR FLIGHTS	0300-0377
VFR ARRIVALS / OVERFLIGHT	0400-0477

**Barbados (Piarco FIR/UTA)**

- a. Pilots shall operate transponders and select modes and codes in accordance with ATC instructions. When entering the Barbados TMA, pilots who have already received specific instructions from ATC concerning the transponder setting, shall maintain that setting until otherwise instructed.
- b. Pilots of aircraft about to enter the Barbados TMA who have not received specific transponder instructions from ATC shall operate on Mode A/3 Code 2000.
- c. When encountering a state of emergency, and the pilot has been directed by ATC to operate the transponder on a specific code, this code setting shall be maintained until otherwise advised. In all other circumstances, the transponder shall be set to Mode A/3 Code 7700.

*NOTE: There is a continuous automatic monitoring of responses on Mode A/3.*

Standard operating procedures apply for communications failure. No published procedure for unlawful interference (hijacked).

No published transponder failure procedures.

**Belize (Central American FIR/UTA)**

Pilots shall operate transponders and select modes and codes in accordance with ATC instructions. In particular, when entering Belize TMA pilots who have already received specific instruc-

**LATIN AMERICA**  
**SECONDARY SURVEILLANCE RADAR-SSR**

tions from ATC concerning the setting of the transponder shall maintain that setting until otherwise instructed.

Pilots of aircraft on IFR flights about to enter Belize TMA who have not received specific Instructions from ATC concerning the setting of the transponder shall operate the transponder on Mode A Code 2000.

Pilots of aircraft on VFR flights operating in Belize airspace should activate transponder code 1200 if no code is assigned by Goldson Radar.

Aircraft equipped with Mode C transponder must operate that function when flying in Belize airspace.

Goldson Radar will assign SSR Codes to all aircraft arriving, departing and/or over flights under their jurisdiction in accordance with the following manner:

State	International Codes	National Codes	Local Codes
Belize	A5640/5677*	A1201/1277	A3000/3077**
*International SSR Codes will be used for flights that will depart Philip S. W. Goldson International Airport and enter Merida Flight Information Region (FIR).			
**These SSR Codes will be used for the local flights that will operate only in Belize territory.			

National Codes will be used for flights that will depart Philip S. W. Goldson International Airport with flight plans to countries located in the Central American Flight Information Region (CEN-AMER FIR) namely Guatemala, El Salvador, Honduras, Costa Rica and Nicaragua.

### **Bermuda (FIR/TMA)**

The Bermuda terminal control facility uses positive radar control procedures within the Bermuda Terminal Control Area (TMA). Cancellation of IFR flight after entry into the TMA is not permitted. All inbound transponder-equipped aircraft shall respond on Mode A/3, Code 2100 upon entering the Bermuda TMA. Non-transponder equipped aircraft or aircraft with inoperative transponders shall be assigned specific IFR flight levels upon entering the Bermuda TMA.

### **Cayman Islands (Kingston FIR/CTA)**

No published SSR procedures.

### **Costa Rica (Central American FIR/UTA)**

- Pilots shall operate transponders and select modes and codes in accordance with ATC instructions. This is especially important when entering the El Coco TMA. Pilots who have already received specific instructions from ATC concerning the transponder setting, shall maintain that setting until otherwise instructed.
- Pilots of aircraft in the proximity about to enter or operating inside the El Coco TMA who have not received specific transponder instructions from ATC, must operate on Mode C/3 Code 0500(05) before entering the TMA and maintain such code until instructed differently.

**LATIN AMERICA**  
**SECONDARY SURVEILLANCE RADAR-SSR**

- c. When encountering a state of emergency, and the pilot has been directed by ATC to operate the transponder on a specific code, this code setting shall be maintained until otherwise advised. In all other circumstances, the transponder shall be set to Mode A/3 Code 7700(77).

*NOTE: Supervision is available continuously to responses in Mode A/3 Code 7700(77).*

- d. In case of radio malfunction of the aircraft, pilots shall select Mode A/3 Code 7600(76) and follow established procedures. The control of the aircraft will then be based on such procedures.
- e. Radar approach control for the Juan Santamaria Airport (Coco) will assign the Code 0500(05) for all traffic in general.

**Cuba (Havana CTA/FIR)**

Aircraft operating within Havana CTA/FIR under IFR Flight plan must be equipped with a transponder mode A and C. Unless the exceptions that ATS authority can grant, the use of SSR transponders is mandatory for IFR flights in Havana FIR/UIR/CTA. In case of SSR transponder failure, the pilot requires a previous clearance of Air Traffic Services, to fly in Havana FIR/UIR/CTA. Pilots who have not received specific transponder instructions from ATC shall operate on code 2000.

**Dominican Republic (Santo Domingo FIR)**

- a. Pilots shall operate transponders and select modes and codes in accordance with ATC instructions. This is especially important when entering the Santo Domingo FIR. Pilots, who have already received specific instructions from ATC concerning the transponder setting, shall maintain that setting until otherwise instructed.
- b. Pilots of aircraft about to enter or operating inside the Santo Domingo FIR who have not received specific instructions from ATC concerning the setting of the transponder shall operate the transponder on Mode A, Code 2000 before entry and maintain that code setting until instructed.
- c. When encountering a state of emergency, and the pilot has been previously instructed by ATC to operate the transponder on a specific code, this code setting shall be maintained until otherwise advised. In all other circumstances, the transponder shall be set to Mode A/6 code 7700.

*NOTE: Supervision is available continuously to responses in Mode A/6 code 7700.*

- d. In the event of radio receiver failure, the pilot will select the mode A/3 code 7600 and follow established procedures. The control of the aircraft will then be based on such procedures.
- e. The following functional codes are assigned by Santo Domingo ACC:
1. Departing traffic - odd codes 4000 and 4177
  2. Arriving traffic - even codes 4000 and 4177
  3. Overflying traffic - even codes 4000 and 4177
  4. Unlawful interference - code 7500



**LATIN AMERICA**  
**SECONDARY SURVEILLANCE RADAR-SSR**

5. Radio Communication failure - code 7600

6. Emergency - code 7700

*NOTE: If necessary, new Modes and Codes will be established by the Santo Domingo ACC.*

**French Antilles (Piarco FIR/UTA)**

SSR is used alone to provide Air Traffic Services.

**Guatemala (Central American (FIR/UTA)**

Aircraft operating within the La Aurora TMA must be equipped with Transponder. Aircraft operating below FL200 select Mode A/3 Code 2000 prior to entering the La Aurora TMA.

**Haiti (Port Au Prince FIR)**

No published SSR procedures.

**Honduras (Central American FIR/UTA)**

Standard Operating Procedures apply with the following exceptions:

SSR available within 40 NM of N15 26 43.7 W087 56.0 GND-19,500 feet 1200-0600 daily.

**Jamaica (Kingston FIR/CTA)**

- a. Pilots shall operate transponders and select modes and codes in accordance with ATC instructions. When entering Kingston FIR, pilots who have already received specific instructions from ATC concerning the transponder setting, shall maintain that setting until otherwise instructed.
- b. Pilots of aircraft about to enter Kingston FIR who have not received specific instructions from ATC concerning the transponder setting shall operate the transponder on Mode A/3 Code 2000 before entry and maintain that code setting until otherwise instructed.
- c. When encountering a state of emergency, and the pilot has been directed by ATC to operate the transponder on a specific code, this code setting shall be maintained until otherwise advised. In all other circumstances, the transponder shall be set to Mode A/3 Code 7700.
- d. In the event of an aircraft radio receiver failure, a pilot shall select Mode A/3 Code 7600 and follow established procedures.
- e. The following functional codes are assigned by Kingston ACC.
  1. Domestic Flights - 0600, 5000
  2. International Flights - 0700, 6700

**Mexico (All FIRs/UIRs/UTAs)**

- a. SSR available within Acapulco, Guadalajara, Mexico City, Monterrey, Puerto Vallarta, and Tijuana TMAs.
- b. Requirements radar transponder equipment and automatic altitude transmission equipment:
  1. To operate in controlled airspace is required:

**LATIN AMERICA  
SECONDARY SURVEILLANCE RADAR-SSR**

- (a) Transponder equipment in good working condition with a capacity of 4096 codes mode A/3, or S, and to respond to interrogations with the code specified by the Air Traffic Control service, and
  - (b) Pressure altitude transmission equipment with mode C capacity and to respond automatically to interrogations in mode C, and transmitting pressure altitude information in increments of 100 feet.
2. The Air Traffic Control can authorize at any time exceptions to the dispositions in paragraph b.
- (a) To permit an aircraft which transponder does not work in flight to continue to the airport of destination, or to proceed to a place where it can be repaired.
  - (b) To permit the operation of aircraft with a transponder operating but with the automatic altitude transmitter inoperative.
- c. Procedures:
- The following functional codes are assigned:
- 0000 should not be used;
  - 1200 for all VFR flights;
  - 1500 for helicopter flights;
  - 2000 for IFR flights from non-radar airspace, with no code assigned individual.

**Netherlands Antilles (Curacao FIR)**

No published SSR procedures.

**Nicaragua (Central American FIR/UTA)**

No published SSR procedures.

**Panama (FIR/CTA)**

No published Transponder failure or SSR procedures.

**Trinidad and Tobago (Piarco FIR/UTA)**

- a. Except as provided for under paragraphs below, pilots shall operate transponder and select modes and codes in accordance with ATC instructions.
- b. When entering the Piarco FIR, pilots who have already received specific instructions concerning the setting of the transponder, shall maintain that setting until otherwise instructed. If no such instructions have been received, operate transponder on mode A/3 code 2000.

In order to improve radar detection of non-controlled flights in the Piarco FIR, pilots of SSR-equipped aircraft having setting of transponder, shall squawk mode A/3 code 2000.

- c. Aircraft equipped with Mode C shall operate this function continuously except when instructed otherwise by Piarco Radar.

**LATIN AMERICA**  
**SECONDARY SURVEILLANCE RADAR-SSR**

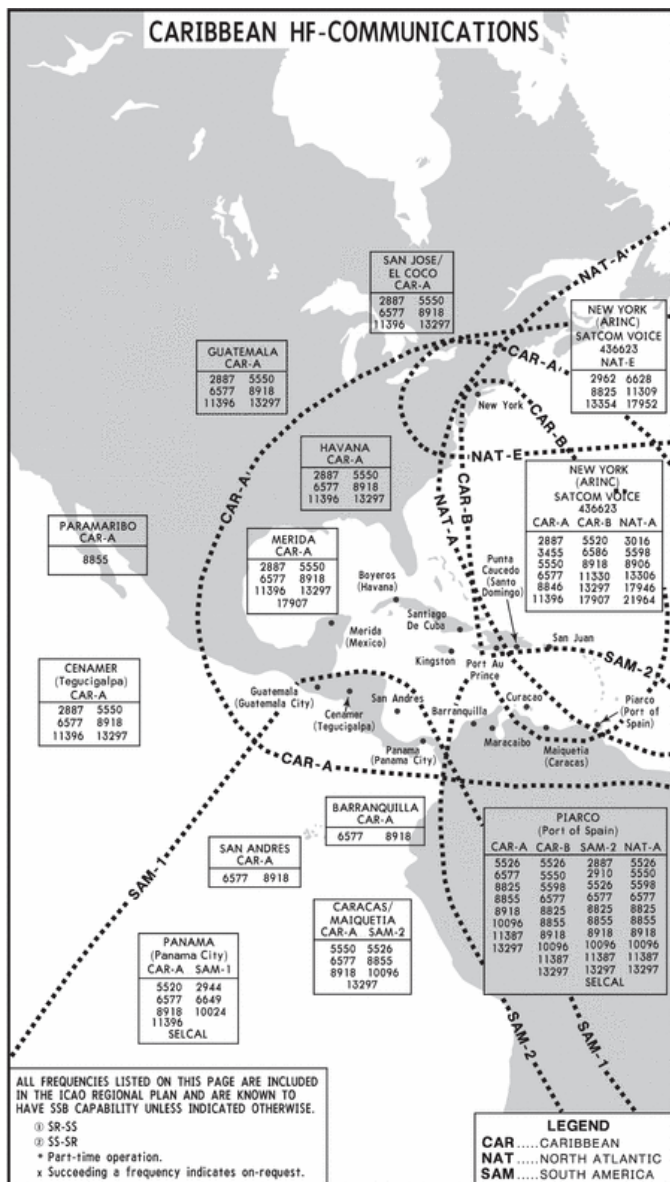
- d. The SPI (IDENT) feature shall be operated only when directed by ATC.
- e. If the pilot of an aircraft encountering a state of emergency has previously been directed by ATC to operate the transponder as a specific code, this code setting shall be maintained until otherwise advised. In all other circumstances, the transponder shall be set to mode A/3 code 7700.
- f. Notwithstanding the procedure in paragraph e above, a pilot may select mode A/3 code 7700, whenever the nature of the emergency is such that this appears to him to be the most suitable course of action.

*NOTE: Continuous monitoring of responses on Mode A/3 Code 77 is provided.*

- g. In the event of an aircraft radio receiver failure, a pilot shall select Mode A/3, Code 76 (or 7600) and follow established procedures; subsequent control of the aircraft will be based on those procedures.

LATIN AMERICA  
HF - COMMUNICATIONS

CARIBBEAN



## LATIN AMERICA

## 1 INTRODUCTION

**1.1** The FAA is expanding the number of area navigation (RNAV) routes both over the Atlantic coastal states and within the Atlantic High Offshore Airspace. High Offshore Airspace is considered Class A airspace in accordance with 14 CFR Part 71, §71.1 and §71.33. These routes will be situated to enable ATC radar surveillance of, and VHF communications with, aircraft flying them. The offshore RNAV routes will be charted as “Y” routes. Existing Y-routes remain active and will be part of the final offshore Y-route network.

## 2 GENERAL REQUIREMENTS

**2.1** The Y-routes are designated RNAV 2 with GNSS required. Aircraft flying the Y-routes must be equipped with GNSS and able to meet RNAV 2 performance requirements. RNAV systems relying solely on DME/DME or inertial navigation are not suitable (and therefore not authorized) for use on any Y-route.

**2.2** In order to fly the Y-routes, U.S. certificated operators require operations specification/management specification B035, Class I Navigation in the U.S. Class A Airspace using Area or Long-Range Navigation Systems, indicating aircraft equipage with GNSS. Foreign commercial operators should obtain authorization for operations with RNAV 2 and equipage with GNSS as required by their applicable civil aviation authority.

**2.3** General aviation operators (ICAO Annex 6 Part II) do not require any specific authorization to fly on a Y-route. Nevertheless, the requirements for GNSS equipage and RNAV 2 performance remain. General aviation operators should refer to Advisory Circular (AC) 90-100, U.S. Terminal and Enroute Area Navigation (RNAV) Operations, in order to verify their aircraft meets the airworthiness and installation criteria for RNAV 2. A current list of RNAV 2 compliant equipment can be found in the AC 90-100 Compliance Table posted on the Performance-Based Flight Systems Branch website at: [http://www.faa.gov/about/office\\_org/headquarters\\_offices/avs/offices/afs/afs400/afs470/pbn](http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/pbn). Operators may contact their local Flight Standards District Office, or applicable International Field Office, for help in determining aircraft eligibility as needed.

**2.4** Pilots must indicate on their ATC flight plan at least the minimum equipment and capability required for RNAV 2 with GNSS. Item 10 of the flight plan must indicate G and R. Item 18 must indicate PBN/C2.

## 3 OPERATIONAL REQUIREMENTS

**3.1** Pilots are expected to fly the route centerline, as defined by the aircraft RNAV system. Pilots must not use strategic lateral offset procedures (SLOP) while on the Y-routes.

**3.2** Operators must check predicted RAIM availability for the expected duration of their flight on a Y-route. Five (5) minutes is the maximum predicted continuous loss of RAIM allowed for flight on a Y-route.

## 4 PILOT KNOWLEDGE

**4.1** AC 90-100 contains pilot knowledge subject matter that is generally applicable to any RNAV operation. General aviation pilots in particular should use the RNAV subject matter contained in AC 90-100 in preparation for any flight on an RNAV route, including Y-routes.

## LATIN AMERICA

## 1.1 CTAs Affected

The WATRS structure redesign and 50 NM lateral separation will be implemented in the Atlantic portion of the Miami Oceanic CTA, the San Juan CTA/FIR and the West Atlantic Route System (WATRS). New York Oceanic airspace **outside of WATRS** will be transition airspace. 50 NM lateral separation may be applied in this airspace between aircraft authorized RNP 10 or RNP 4.

## 1.2 Lateral Separation Standards to Be Applied

- a. 50 NM lateral separation will be applied in the WATRS Plus CTAs between aircraft authorized for RNP 10 or RNP 4 operating at any altitude above the floor of controlled airspace.
- b. 50 NM lateral separation may be applied in the New York Oceanic CTA/FIR **outside of WATRS** between aircraft authorized RNP 10 or RNP 4 operating at any altitude above the floor of controlled airspace.

*NOTE: Since December 2013 in this airspace, pairs of aircraft with RNP 4 and FANS1/A Approvals may receive clearances by ATC using 30 NMs lateral and 30 NMs longitudinal separation minima; and pairs of aircraft with RNP 10 and FANS1/A Approvals may be cleared for 50 NMs longitudinal separation.*

- c. Within the WATRS Plus CTAs, the lateral separation standard applicable to NonRNP10 aircraft will be 90 NM.

Policies for application of other lateral separation standards in airspace outside the WATRS Plus CTAs are not affected.

## 1.3 Operation on Routes Within the WATRS Plus CTAs Not Requiring RNP 10 or RNP 4 Authorization

Operation on certain routes that fall within the boundaries of WATRS Plus CTAs will not be affected by the introduction of RNP 10 and 50 NM lateral separation. Operation on the following routes will not be affected:

- a. Routes that are flown by reference to ICAO standard ground-based navigation aids (VOR, VOR/DME, NDB), such as the routes in the airspace between Florida and Puerto Rico.
- b. Routes which are located within radar and VHF coverage.
- c. Special Area Navigation (RNAV) routes located in the airspace between Florida and Puerto Rico. The RNAV Y-Routes are not part of the WATRS Plus route structure.

## 1.4 Provisions for Accommodation of NonRNP10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4)

Operators of NonRNP10 aircraft shall follow the practices stated below:

- a. **When filing an ICAO flight plan under NEW ICAO FPL 2012 provisions**, operators of NonRNP10 aircraft **shall** annotate ICAO flight plan Item 18 as follows: "RMK/NONRNP10" **(no space between letters and numbers)**.

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- b. Pilots of NonRNP10 aircraft that are flight planned to operate or are operating on WATRS Plus “L” and “M” routes shall, on initial call to ATC and in read back of clearance to descend from FL 410 and above, report the lack of authorization by stating “**Negative RNP 10**” in the Atlantic portion of the Miami Oceanic CTA, the New York Oceanic CTA/FIR, the New York Atlantic High Offshore Airspace and the San Juan CTA/FIR.
- c. Operators of NonRNP10 aircraft shall **not** annotate ICAO flight plan Item 18 (Other Information) with “NAV/RNP10” or “NAV/RNP4”, as shown in paragraph 1.6, if they have **not** obtained RNP 10 or RNP 4 authorization.
- d. NonRNP10 operators/aircraft will be able to file most routes at any altitude in WATRS Plus airspace. Some routes, however, may require special routing for NonRNP10 aircraft. Check the WATRS Plus Webpage for related FAA notices. NonRNP 10 operators are cleared to operate on their preferred routes and altitudes as traffic permits. Aircraft that **are** authorized RNP 10 or RNP 4, however, will have a better opportunity of obtaining their preferred altitude and route because the 50 NM lateral separation standard will be applied to those aircraft. 50 NM lateral separation will **not** be applied to NonRNP10 aircraft.
- e. NonRNP10 aircraft retain the option of climbing to operate at altitudes above those where traffic is most dense (i.e., at/above FL 410). To minimize the chance of conflict with aircraft on adjacent routes, NonRNP10 aircraft should plan on completing their climb to or descent from higher FLs within radar coverage.
- f. All aircraft can enhance their opportunity to be cleared on their preferred route and altitude if they operate at non-peak hours, approximately 0100 to 1100 UTC.

## 1.5 RNP 10 or RNP 4 Authorization: Policy and Procedures for Aircraft and Operators

- a. In accordance with ICAO guidance, RNP 10 and RNP 4 are the only navigation specifications (nav specs) applicable to oceanic and remote area operations. Other RNAV and RNP nav specs are applicable to continental en route, terminal area and approach operations.
- b. Responsible State Authority (ICAO Guidance). The following is ICAO guidance on the State authority responsible for authorizations such as RNP 10, RNP 4 and RVSM.
  - 1. *International Commercial Operators*. The State of Registry makes the determination that the aircraft meets the applicable RNP requirements. The State of Operator issues operating authority (e.g., Operations Specifications (OpSpecs)).
  - 2. *International General Aviation (IGA) Operators*. The State of Registry makes the determination that aircraft meets the applicable RNP requirements **and** issues operating authority (e.g., Letter of Authorization (LOA)).
- c. FAA Documents. The guidance and direction of FAA Order 8400.12 (as amended) (RNP 10 Operational Approval) will be used to grant RNP 10 authorization to operators and aircraft for which the FAA is responsible. FAA Order 8400.33 (as amended) (Procedures For Obtaining Authorization For RNP 4 Oceanic/Remote Area Operations) will be used to authorize RNP 4.



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The FAA RNP 10 and RNP 4 orders are consistent with the ICAO PBN Manual guidance discussed below.

- d. ICAO Performance Based Navigation (PBN) Manual (new Doc 9613). In a letter to States dated 27 April 2007, ICAO urged States to use the ICAO *Performance Based Navigation (PBN) Manual* to establish approval policies and processes for RNP and RNAV operations. RNP 10 guidance is provided in Volume II, Part B; Chapter 1. RNP 4 guidance is in Volume II, Part C; Chapter 1.
- e. RNP 10 and RNP 4 Job Aids. Operators and authorities should use the RNP 10 or RNP 4 Job Aids posted on the WATRS Plus Webpage. These Job Aids address the operational and airworthiness elements of aircraft and operator authorization and provide references to appropriate documents. One set of RNP 10 and RNP 4 Job Aids provides references to FAA documents and another set provides references to ICAO documents. The Job Aids provide a method for operators to develop and authorities to track the operator/aircraft program elements required for RNP 10 or RNP 4 authorization.
- f. Requirement For Equipage With At Least Two Long-Range Navigation Systems (LRNS) Meeting RNP 10 or RNP 4 Standards. See “Acceptable Navigation System Configurations” in Section 2 of the WATRS Plus Webpage (Operator/Aircraft RNP 10 Authorization Policy/Procedures). RNP 10 and RNP 4 authorization require aircraft equipage with at least two LRNS with functionality and display adequate for the operation.
- g. RNP 10 Time Limit For INS or IRU Only Equipped Aircraft. Operators should review their Airplane Flight Manual (AFM), AFM Supplement or other appropriate documents and/or contact the airplane or avionics manufacturer to determine the RNP 10 time limit applicable to their aircraft. They will then need to determine its effect, if any, on their operation. Unless otherwise approved, the basic RNP 10 time limit is 6.2 hours between position updates for aircraft on which Inertial Navigation Systems (INS) or Inertial Reference Units (IRU) provide the only source of long range navigation.

Extended RNP 10 time limits of 10 hours and greater are already approved for many IRU systems.

## 1.6 Flight Planning Requirements

Operators shall make ICAO flight plan annotations in accordance with this paragraph and those stated prior in paragraph 1.4.

- a. ICAO Flight Plan Requirement. ICAO flight plans shall be filed **for operation on oceanic routes and areas** in the WATRS Plus CTAs.
- b. ICAO Flight Plan AFTN Addressing For Operations in the New York Oceanic CTA/FIR (including WATRS). **All** flights entering the New York Oceanic CTA/FIR shall address flight plans to **KZWYZOZX**. **All** flights entering the New York Oceanic CTA/FIR and a U.S. ARTCC and/or Bermuda airspace shall address flight plans to **both KZWYZOZX and** the appropriate U.S. ARTCC, except Boston. (See table below). If operators do not address flight plans to **KZWYZOZX**, 50 NM lateral separation cannot be applied to them.

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Airspace To Be Entered: New York Oceanic CTA/FIR and U.S. ARTCCs	Required AFTN addresses
New York (NY) Oceanic CTA/FIR	KZWYZOZX
Boston ARTCC & NY Oceanic	KZWYZOZX <b>only</b> .
NY domestic and/or Bermuda & NY Oceanic	KZNYZQZX & KZWYZOZX
Washington (KZDC) & NY Oceanic	KZDCZQZX & KZWYZOZX
Jacksonville (KZJX) & NY Oceanic	KZJXZQZX & KZWYZOZX
Miami (KZMA) & NY Oceanic	KZMAZQZX & KZWYZOZX
San Juan & NY Oceanic	TZSUZRZX & KZWYZOZX

- c. **When filing an ICAO flight plan under NEW ICAO FPL 2012 provisions**, to inform ATC and to key Ocean21 automation that they have obtained RNP 10 or RNP 4 authorization and are eligible for 50 NM lateral separation, operators **shall**:

1. Annotate ICAO Flight Plan Item 10a (Equipment) with the letters “R” and ...
2. Annotate Item 18 (Other Information) with, as appropriate, “PBN/A1” for RNP 10 aircraft or “PBN/L1” for RNP 4 aircraft (**no space between letters and numbers**).

*NOTE: Under NEW ICAO FPL 2012 provisions, letter “R” indicates that the performance-based navigation specification (e.g., RNP 10 or RNP 4) is specified in Item 18 following the indicator “PBN”.*

- d. 50 NM lateral separation will only be applied to operators/aircraft that annotate the ICAO flight plan in accordance with this policy.
- e. Operators that have **not** obtained RNP 10 or RNP 4 authorization shall **not** annotate ICAO flight plan Item 18 (Other information) indicating RNP 10 or RNP 4 capabilities, but shall follow the practices detailed in paragraph 1.4 of this notice.
- f. For information on filing practices under the NEW ICAO FPL 2012 to indicate domestic U.S. RNAV capabilities, please consult the “Planned Changes to Filed Flight Plans in 2012” webpage at: <http://www.faa.gov/go/fpl2012>.

## 1.7 Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures

- a. Operator applications/programs for RNP 10 or RNP 4 authorization must address operational and airworthiness policy and procedures related to WATRS Plus route structure redesign and 50 NM lateral separation implementation. The RNP 10 and RNP 4 Job Aids posted on the WATRS Webpage contain sections on pilot and, if applicable, dispatcher training/knowledge and on operations manuals or comparable operations documents. The Job Aids also provide references to source documents.

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- b. The RNP 10 and RNP 4 Job Aids contain references to pilot and, if applicable, dispatcher procedures contained in:
  - FAA Order 8400.12A (RNP 10), Appendix 4 (Training Programs and Operating Practices and Procedures)
  - FAA Order 8400.33 (RNP 4): paragraph 9 (Operational Requirements) and paragraph 10 (Training Programs, Operating Practices and Procedures)
  - ICAO PBN Manual, Volume II, Part B, Chapter 1 (RNP 10): paragraphs 1.3.4, 1.3.5 and 1.3.6
  - ICAO PBN Manual, Volume II, Part C, Chapter 1 (RNP 4): paragraphs 1.3.4, 1.3.5 and 1.3.6
- c. LRNS Failure or Malfunction After Entry Onto WATRS Plus Oceanic Routes or Areas. The following is WATRS Plus CTA policy for LRNS failure or malfunction enroute:
  1. To conduct operations as an RNP 10 or RNP 4 operator/aircraft, at least two RNP 10 or RNP 4 authorized LRNSs shall be operational at entry on to oceanic route segments or areas in the WATRS Plus CTAs. (See paragraph 1.8 for pilot actions in situations where only one LRNS is determined to be operational prior to entry onto oceanic route segments or areas in the WATRS Plus CTAs).
  2. After entry on to an oceanic route segment or area within the WATRS Plus CTAs, if an LRNS fails or malfunctions and only one LRNS remains operational, the pilot shall inform ATC. ATC will acknowledge and monitor the situation. The aircraft may continue on the cleared route provided that, in the pilot's judgment, the remaining LRNS will enable the aircraft to be navigated within approximately 10 NM of the cleared route centerline. If that is not the case, then paragraph (3) below applies.
  3. If, in the pilot's judgment, the aircraft cannot be navigated within approximately 10 NM of the cleared route centerline:
    - (a) the pilot shall advise ATC of the situation and coordinate a course of action.
    - (b) the pilot shall: consider the best option to maintain the safety of the operation (e.g., continuing on route or turning back); whenever possible obtain an ATC clearance before deviating from cleared route or flight level and keep ATC advised.
    - (c) ATC will establish an alternative separation standard as soon as practicable, coordinate the safest course of action with the pilot and monitor the situation.
    - (d) if coordination with ATC cannot be accomplished within a reasonable period of time, the pilot should consider climbing or descending 500 feet, broadcasting action on 121.5 and advising ATC as soon as possible.
- d. In-flight Contingency Procedures (e.g., Rapid Descent, Turn-back, Diversion). In-flight contingency procedures for oceanic airspace now published in FAA Notices, posted on the WATRS Plus Website and published in ICAO Document 4444 must be emphasized in pilot training/knowledge programs. The published procedures are applicable to the WATRS Plus CTA reduction of lateral separation from 90 NM to 50 NM. The full text of the in-flight contin-

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gency procedures is published on the WATRS Plus Webpage under “Operating Policy” in Section 2.

- e. Special Emphasis: Maneuvering to Avoid Convective Weather in a 50 nm Separation Environment. Pilots are required to maneuver (deviate) around convective weather on a regular basis in the course of WATRS Plus operations. Weather deviation procedures, therefore, must be emphasized in accordance with the following:

Pilot training/knowledge programs and operations manuals or comparable operations documents must emphasize weather deviation procedures as published in FAA Notices and ICAO Document 4444 and posted under “**Operating Policy**” in Section 2 of the WATRS Plus Website. Weather deviation procedures are addressed in the RNP 10 and RNP 4 Job Aids. ***In addition, a pilot bulletin/aid for understanding and executing weather deviation procedures is posted under “Operating Policy” in Section 2 of the WATRS Plus Webpage.***

It is imperative that pilots keep ATC advised of their intentions during the initial weather avoidance maneuver and any subsequent maneuvers to avoid convective weather.

For distress or urgent situations, direct Air/Ground and Ground/Air satellite telephone service (SATVOICE) is available for communication with New York Oceanic, San Juan Center and ARINC. (See the WATRS Plus Webpage for details).

Pilots must be aware of the provision to climb or descend 300 feet (depending on the direction of flight and direction of deviation from track) to mitigate the chance of conflict with other aircraft when forced to deviate without a clearance.

It is recommended that, if equipped, the Airborne Collision Avoidance System (ACAS (TCAS)) be operational. ACAS provides a valuable tool to alert the pilot to the presence and proximity of nearby aircraft in weather deviation situations.

- f. Strategic Lateral Offset Procedures (SLOP). Pilots should use SLOP procedures in the course of regular oceanic operations. SLOP procedures are published in FAA Notices, posted under “Operating Policy” in Section 2 of the WATRS Plus Webpage and published on ICAO Document 4444. SLOP is addressed in the RNP 10 and RNP 4 Job Aids.
- g. Pilot Report of NonRNP10 Status. The pilot shall report the lack of RNP 10 or RNP 4 status in accordance with paragraph 1.4 above:
  - 1. when the operator/aircraft is not authorized RNP 10 or RNP 4.
  - 2. if approval status is requested by the controller in accordance with paragraph h below.
  - 3. when an operator/aircraft previously granted RNP 10 or RNP 4 authorization is operating with only one operational LRNS. See paragraph 1.8.
- h. Pilot Statement of RNP 10 or RNP 4 Approval Status, If Requested. If requested by the controller, the pilot shall communicate approval status using the following phraseology:

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Controller Request	Pilot Response
(call sign) confirm RNP 10 or 4 approved	<p>“Affirm RNP 10 approved” or “Affirm RNP 4 approved,” as appropriate, or...</p> <p>“Negative RNP 10” (See paragraph 1.4 for NonRNP10 aircraft procedures).</p>

## 1.8 Flight of Aircraft Previously Authorized RNP 10 or RNP 4 with One Long-Range Navigation System Operational

- a. To the maximum extent possible, operators that are authorized RNP 10 or RNP 4 should operate on WATRS Plus oceanic routes in compliance with those standards. If the situation warrants, however, operators may fly an aircraft on WATRS Plus oceanic routes with one LRNS operational. The intent of this policy is to allow an aircraft to be flown to its destination and/or be flown to a location for repair. For U.S. operators conducting operations under Part 121, 125 or 135 of the Code of Federal Regulations, Operations Specifications paragraph B054 (Class II (Oceanic) Navigation Using Single Long-Range Navigation System) applies.
- b. In the situation where only one LRNS is determined to be operational prior to takeoff, operators shall follow the practices detailed in paragraph 1.4 (Provisions For Accommodation of NonRNP10 Aircraft) (i.e., ICAO flight plan item 18 annotation and pilot report to ATC of aircraft NonRNP10 status). The aircraft will be treated as NonRNP10 aircraft and appropriate lateral separation will be applied.
- c. **Failure or Malfunction of LRNS Enroute, One LRNS Operational Prior to Entering a WATRS Plus CTA.** In the situation where at least two LRNS are operational at takeoff, but LRNS failure or malfunction occurs enroute and only one LRNS remains operational, the pilot shall take action to inform ATC. Approximately 175-125 NM prior to entering a WATRS Plus CTA, the pilot shall report to ATC that only one LRNS is operational and request that ATC amend the flight plan item 18 entry to delete “PBN/A1” or “PBN/L1” and enter “RMK/ NONRNP10” in accordance with paragraph 1.4a. In addition, after entering on to a WATRS Plus oceanic route or area, the pilot shall report the “NonRNP10” status of the aircraft in accordance with paragraph 1.4b.

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<b>ROUTE IDENT</b>	<b>START ID-ICAO</b>	<b>END ID-ICAO</b>	<b>RESTRICTION</b>
A315	SAVAR-MT	AGNUR-MT	A gap in navigation signal exists between 17 DME/PAP and 24 DME/PAP
G434	KASOR-MP	TBG-MP	Airway usable only for aircraft with automated navigation systems
G437	TBG-MP	UKLOS-MP	Airway usable only for aircraft with automated navigation systems
G440	ISEBA-MP	TBG-MP	Airway usable only for aircraft with automated navigation systems
G449	DDP-TJ	VARNA-TJ	Require navigation equipment other than LF or VHF
G449	HENLI-TJ	ANADA-TT	Require navigation equipment other than LF or VHF
L417	MLY-MK	EPSOL-MK	When inside 20NM DME of MLY VOR, MEA 7000'
M335	FUNDI-K7	ALVEK-MU	From FUNDI to South it is mandatory continue by UM335 and M335 route, until ALVEK
R507	GTK-MB	SAPPO-K7	R507 airway between Conch Int and Grand Turk (GT) NDB requires navigation equipment other than LF or VHF
UA315	SAVAR-MT	AGNUR-MT	A gap in navigation signal exists between 17 DME/PAP and 24 DME/PAP
UG440	ISEBA-MP	TBG-MP	Airway usable only for aircraft with automated navigation systems
UL795	DIBOK-MK	GASPA-MU	Northbound flights are assigned even levels up to FL400, then 430, 470... Southbound flights are assigned odd levels up to FL410, then 450, 490..
UL795	GELOG-MK	GASPA-MU	When flying southbound will be authorized only between URSUS and GELOG in hours from 1400 UTC to 0300 UTC of the following day. When flying northbound proceed in UL 210 between GELOG and BORDO
UM335	ALVEK-MU	FUNDI-K7	From FUNDI to South it is mandatory continue by UM335 and M335 route, until ALVEK
V3	FNC-MP	NEMER-MP	Unusable FRANCE (FNC) VOR - NEMER
V4	MADEN-MP	FNC-MP	Unusable MADEN - FRANCE (FNC) VOR
V15	OSITO-MP	BDT-MP	Unusable OSITO - BOCAS DEL TORO (BDT) VOR
V17	MINER-MP	BDT-MP	Unusable MINER - BOCAS DEL TORO (BDT) VOR



# Enroute

## Enroute Data - South America

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SECONDARY SURVEILLANCE RADAR-SSR

## RADAR BEACON ASSIGNMENT TO MODE A/3 CODED BEACON TRANSPONDER EQUIPPED AIRCRAFT

### STANDARD OPERATING PROCEDURES

- a. Aircraft equipped with Mode C shall squawk altimeter when operating transponder on Mode A/3.
- b. After selection of the Mode/Code specified by ATC the transponder should be adjusted to the "ON" (or normal operating) position as late as practicable prior to take-off and to "OFF" or "STANDBY" as soon as practicable after completing the landing roll.
- c. Select or reselect Modes/Codes only as directed by ATC, except in case of:
  - unlawful interference (hijacked) squawk 7500\*
  - communication failure squawk 7600\*
  - emergency squawk 7700\*

**CAUTION: \*Squawking of 75.., 76.., 77.. plus any third and fourth figures will also activate alarm system at ground station.**

- d. Squawk 2000 when entering a FIR/UIR from an adjacent region where operation of a transponder has not been required or assigned.

### STANDARD TRANSPONDER FAILURE PROCEDURES

#### After Departure

- a. ATC units will endeavor to provide for flight to continue in accordance with flight plan.
- b. After landing pilots shall make every effort to have transponders restored to normal operation.

#### Before Intended Departure

If transponder cannot be restored:

- a. Inform ATC, preferable before filing flight plan.
- b. Plan to fly by most direct route to nearest suitable airport where repair can be effected, and
- c. Insert appropriate code in item 10 of ICAO flight plan.

General compliance with and additions to the above standard operating procedures or standard transponder failure procedures are as listed below.

#### Argentina (All FIRs/UIRs)

All aircraft operating within Argentina airspace above 3000 ft with an operating transponder shall activate the transponder with the code assigned by ATC with Mode C activated or mode A code 2000 if no code is assigned.

Transponder required with modes A and C in operation in the following airspace:

- a. Cordoba TMA



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- b. Ezeiza CTA
- c. Baires TMA
- d. Mar Del Plata TMA
- e. Mendoza TMA

No published transponder failure procedures.

**Barbados (Piarco FIR/UIR)**

- a. Pilots shall operate transponders and select Modes and Codes in accordance with ATC instructions. When entering the Barbados TMA, pilots who have already received specific instructions from ATC concerning the transponder setting, shall maintain that setting until otherwise instructed.
- b. Pilots of aircraft about to enter the Barbados TMA who have not received specific transponder instructions from ATC shall operate on Mode A Code 2000.
- c. When encountering a state of emergency, and the pilot has been directed by ATC to operate the transponder on a specific code, this code setting shall be maintained until otherwise advised. In all other circumstances, the transponder shall be set to Mode A Code 7700.

*NOTE: There is a continuous automatic monitoring of responses on Mode A.*

Standard operating procedures apply for communication failure. No published procedure for unlawful interference (hijacked).

No published transponder failure procedures.

**Brazil (All FIRs/UIRs)**

Standard operating procedures apply. All aircraft operating in Brazilian airspace are required to carry transponder equipment.

Mode A/C or S capability is required within the following airspace:

- a. Class A, B, C, D, E and G above FL100 excluding the portion below 2500 feet AGL.

The following airspace is excluded:

- a. Special routes for aircraft with technical or physical limitation prohibiting transponder installation, specific airspace (conditioned or reserved), established to allow flight of experimental or training aircraft.

When radar service is provided, the following are exempted:

- a. Compulsory reporting points, reaching or leaving holding, entering a new phase or leg of a departure procedure.

Vectoring service will be provided in the following airspace:

- a. UTAs:

Brasilia, Curitiba, Recife within 200nm of Fortaleza, Petrolina, and Lapa within Recife FIR.

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b. CTAs:

Belem, Brasilia 1 and 3, Curitiba 1 and 2, Manaus 1, 2 and 3, Porto Velho, Recife 1 and 3.

c. TMAs:

Academia, Anapolis, Belem, Belo Horizonte, Brasilia, Campo Grande, Cuiaba, Curitiba, Florianopolis, Fortaleza, Foz, Macae, Maceio, Manaus, Natal, Porto Alegre, Recife, Rio De Janeiro, Salvador, Santa Maria and Sao Paulo.

Surveillance will be provided in the following airspace:

a. UTAs:

Belem, Brasilia, Manaus, Porto Velho, Recife Sectors 2, 3, 4, 5 and within 200nm of Fortaleza, Petrolina, and Lapa within Recife FIR.

b. CTAs:

Belem, Brasilia 1 and 3, Curitiba 1 and 2, Manaus 1, 2 and 3, Porto Velho, Recife 1 and 3.

c. CTRs:

Academia, Anapolis, Belem, Belo Horizonte, Brasilia, Campo Grande, Cuiaba, Curitiba, Florianopolis, Fortaleza, Foz, Macae, Maceio, Manaus, Natal, Porto Alegre, Recife, Rio De Janeiro, Salvador, Santa Maria and Sao Paulo.

Surveillance and vectoring will be provided in the following airspace:

a. Within Recife FIR:

Lapa, Petrolina, Porto Seguro, ATS routes B623, W40, W41, UB623, UL206, UN857, UN873, UR551.

b. Within Amazonica FIR:

Manicore, Jacareacanga, Tirios, Imperatriz.

Coverage ranges and altitudes vary, from 120nm to 200nm and FL085 to UNL. In the event of transponder failure, a flight may continue to its first point of landing at which the transponder must be repaired or replaced.

**Chile (All FIRs/UIRs)**

Standard operating procedures apply.

Transponder operation required for all aircraft in flight in the following airspace:

a. Within Class A, C, D and E airspace.

b. Within FIRs Antofagasta, Santiago, Puerto Montt, and Punta Arenas at or above airway MEAs.

c. Within TMAs Arica, Iquique, Antofagasta, Santiago, Concepcion, Temuco, Puerto Montt, Balmaceda, and Punta Arenas.

d. Transponders must be capable of operation in Mode A with 4096 codes available.

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- e. Flights must maintain the ATC assigned transponder code unless instructed otherwise.
- f. In the absence of an ATC assigned code, Mode A Code 2000 must be selected when crossing an entry point into airspace where transponder operation is required.
- g. Within the FIR Antofagasta, Santiago, Puerto Montt, Punta Arenas from the MEA of the airway.
- h. Within the terminal areas Arica, Iquique, Antofagasta, Santiago, Concepcion, Temuco, Puerto Montt, Balmaceda, Punta Arenas.

SSR available in the following service areas:

- a. Iquique, Mejillones, Pajonales, Santiago, Los Angeles, Puerto Montt, Balmaceda, and Punta Arenas.

Coverage ranges vary, from 200nm to 250nm.

Before entry into the following airspace, all aircraft while operating within airspace class A, C, and E must operate with a transponder activated in Modes 3A and C. Before entry into the area, activate Mode A Code 2000 if an ATC assigned code is not received.

From latitude S18 21.0 to S55 00.0 in the service areas Iquique, Santiago, Puerto Montt, and Punta Arenas. Use radio call sign Antofagasta Radar, Santiago Radar, Puerto Montt Radar, or Punta Arenas Radar appropriate to the ATC facility of contact. In the service areas Iquique, Antofagasta, Santiago, Puerto Montt, and Punta Arenas within the Terminal Areas Iquique, Antofagasta, Santiago, Puerto Montt, and Punta Arenas from 2000 feet to FL450. Use radio call sign Iquique Radar, Antofagasta Radar, Santiago Radar, Puerto Montt Radar, or Punta Arenas Radar appropriate to the ATC facility of contact.

In the service area within the Terminal Areas Concepcion and Temuco from GND to FL450.

Use radio call sign Santiago Radar.

In the service areas Santiago, Puerto Montt and Punta Arenas within Control Zones Santiago, Puerto Montt and Punta Arenas from GND to 3500 feet or 5000 as appropriate.

Use radio call sign Santiago Radar, Puerto Montt Radar and Punta Arenas Radar appropriate to the ATC facility of contact.

In the service area Punta Arenas within a 180nm radius of Punta Arenas:

- a. Airways:  
From MEA to FL450.
- b. Terminal Area Punta Arenas:  
2000 feet AGL to FL450.
- c. Control Zone Punta Arenas:  
GND – FL450.

Use radio call sign Punta Arenas Radar.

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In the event of transponder failure, flights must request permission from ATS to operate within airspace where transponder use is required.

**Colombia (Bogota and Barranquilla FIR/UTA)**

All aircraft operating within airspace under Colombia jurisdiction must be equipped with an operating transponder with the following capabilities:

- a. Mode C automatic altitude reporting and Mode A with 4096 codes.

Radar service is provided from the following locations:

- a. Cerro Maco, Cerro Verde, El Tablazo, Eldorado, Villavicencio, Carimagua, Santa Ana, Tubara, San Andres, Riohacha, Cali.

Coverage ranges vary, from 60nm to 250nm.

Standard transponder failure procedures apply. If the transponder failure occurs after departure, ATC will attempt to provide the flight clearance to continue to its intended destination. Before the next departure, the transponder must be returned to service.

**Ecuador (Guayaquil FIR/UIR)**

Standard operating procedures apply.

Radar flight information and approach control radar services is provided at the following locations:

- a. Guayaquil
- b. Quito

Service coverage is part time and range varies from 30nm to 40nm.

No published transponder failure procedures.

**French Guiana (Rochambeau FIR/Zandery UIR)**

Radar control, information, warning services are provided by the Cayenne – Rochambeau approach control center.

No published transponder failure procedures.

**Guyana (Georgetown FIR/UIR)**

No SSR

**Netherlands Antilles (Curacao FIR)**

No SSR

**Panama (FIR/CTA)**

When specific transponder instructions have not been received from ATC, pilots shall select the following Mode A/3 Codes when operating within the Panama FIR/CTA:

- a. Departing traffic **1000**
- b. FIR flight plan within Panama TMA **0400**

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- c. Overflying to/and above FL200 **2100**
- d. Overflying below FL200 **1100**
- e. Test and training flights **4000**

Pilots of aircraft in flight subject to unlawful interference shall endeavour to set the transponder to mode A, code 7500 to make the situation known, unless circumstances warrant the use of mode A/B, code 77 (or 7700).

No published transponder failure procedures.

**Paraguay (Asuncion FIR/UIR)**

Standard operating procedures apply.

No published transponder failure procedures.

**Peru (Lima FIR/UIR)**

Radar service is available at the following locations:

- a. Jorge Chavez Intl, 250nm range
- b. Lima, 250nm range. Use radio call sign Lima Approach Radar within the TMA, and Lima Radar North or Lima Radar South outside the lateral limits of the TMA up to the 250nm coverage limit.
- c. Aircraft entering the Lima FIR should maintain their last assigned transponder code unless advised otherwise. In the absence of an assigned code, squawk mode A/3 code 2000.

No published transponder failure procedures.

**Suriname (Paramaribo FIR/UIR)**

No SSR

**Trinidad and Tobago (FIR/UTA)**

- a. Pilots shall operate transponders and select modes and codes in accordance with ATC instructions. When entering Piarco FIR, pilots who have already received specific instructions from ATC concerning the transponder setting, shall maintain that setting until otherwise instructed.
- b. Pilots of aircraft about to enter Piarco FIR who have not received specific instructions from ATC concerning the transponder setting shall operate the transponder on Mode A/3 Code 2000 before entry and maintain that code setting until otherwise instructed.
- c. When encountering a state of emergency, and the pilot has been directed by ATC to operate the transponder on a specific code, this code setting shall be maintained until otherwise advised. In all other circumstances, the transponder shall be set to Mode A/3 Code 7700.
- d. In the event of an aircraft radio receiver failure, a pilot shall select Mode A/3 Code 7600 and follow established procedures.
- e. The following functional codes are assigned by Piarco ACC.

**SOUTH AMERICA**  
**SECONDARY SURVEILLANCE RADAR-SSR**

1. Domestic Flights - 1000, 1100
2. International Flights - 6000, 6100

**Uruguay (Montevideo FIR/CTA)**

Standard operating procedures apply.

Radar coverage is centered at Carrasco Intl and Durazno/Santa Bernardina Intl. Coverage extends up to 220nm.

Flights should use radio call sign "Montevideo Radar" when operating under radar service in the Montevideo Control Area or "Carrasco Radar" within the Terminal Area Carrasco.

No published transponder failure procedures.

**Venezuela (Maiquetia FIR/UTA)**

Standard operating procedures apply.

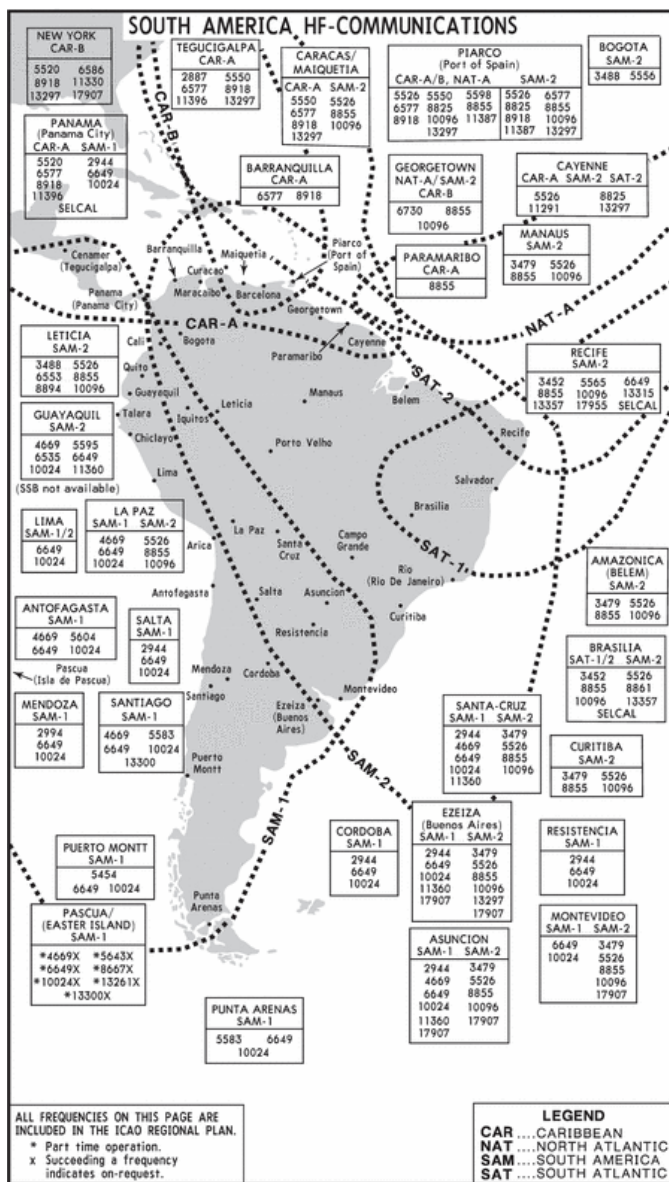
SSR coverage is centered at the following locations:

- a. Maracaibo, 120nm range
- b. Barquisimeto, 180nm range
- c. Maiquetia, 180nm range North only
- d. Margarita, 180nm range.

Before entering an area covered by SSR, select Mode A/3 code 2000 if no code has been assigned. Flights encountering an emergency must maintain the last assigned transponder code until instructed to do otherwise. In case of transponder Mode C automatic altitude reporting equipment failure in flight, flights may continue to the destination including an intermediate stop or to an appropriate location where repairs can be made. A flight may be authorized to depart without an operating transponder if the exemption is requested at least four hours in advance to the ATC facility in control of the airspace to be flown. The flight must file the most expeditious path away from airspace where transponder use is compulsory.

# SOUTH AMERICA HF - COMMUNICATIONS

## SOUTH AMERICA



## SOUTH AMERICA

### NATIONAL AND INTERNATIONAL CONTINGENCY PLAN FOR BRAZILIAN FIRS

## PURPOSE

The purpose of this Contingency Plan is to establish procedures for entry, overflight, landing and take-off of aircraft destined to or coming from international/national FIR, in case of partial or total disruption of ATS services, maintaining orderly and safe air traffic movement.

There is no intention to establish procedures covering all possible degradation scenarios, since they are countless. Thus, the purpose of this Contingency Plan is to define general principles for establishing contingency measures applicable in cases of foreseeable or unforeseeable events and that somehow may affect the provision of air traffic services within the FIR in question.

The procedures relating to partial disruption, event in which only Flight Information Service and Alerting Services are provided, include the establishment of contingency routes between specified Terminal Control Areas and adjacent FIR, used by aircraft seeking to land/take-off at airports located within the FIR in contingency situation. Aircraft intending to overfly FIR in contingency may use the routes published below and on the Enroute Charts.

The procedures relating to total disruption, event in which there is no provision of ATS services, foresee the establishment of contingency routes between Brazilian FIR and between them and adjacent FIR, as well as flight levels and predetermined minimum longitudinal separation.

The effective application of the procedures in question requires close coordination and collaboration between the CGNA and the ACC responsible for the adjacent FIR to the FIR in contingency, as well as with the airspace users.

## APPLICABLE RULES AND PROCEDURES

The FIRs directly affected by this Contingency Plan are the following:

Amazônica/Brazil, Atlântico/Brazil, Brasília/Brazil, Curitiba/Brazil, Recife/Brazil, La Paz/Bolivia, Lima/Peru, Resistencia/Argentina, Bogota/Colombia, Maiquetia/Venezuela, Georgetown/Guyana, Paramaribo/Suriname, Cayenne/French Guiana, Asunción/Paraguay, Montevideo/Uruguay, Dakar/Senegal, Johannesburg/South Africa and Luanda/Angola.

## BRASÍLIA FIR

During partial contingency in the Brasília FIR, at least Flight Information Service (FIS) and Alerting Services will be provided. For the TMA directly involved with the flight progress that serve the airports of Brasília (SBBR), Goiânia (SBGO), Confins (SBCF), Belo Horizonte (SBBH), Guarulhos (SBGR), Congonhas (SBSP) and Campinas (SBKP), a simplified system will be used, composed of the route network of Brasília FIR, interconnecting these TMA and connecting them to the Amazônia, Atlântico, Curitiba and Recife FIR, and vice versa, as follows:

Aircraft coming from Brasília Terminal Area and Anápolis Terminal Area, destined to Recife FIR. They shall use the following routes:

- a. UZ18; UW59; UZ19;
- b. W2; W10.

Aircraft coming from Recife FIR, destined to Brasília Terminal Area and Anápolis Terminal Area. They shall use the following routes:



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- a. UZ18 SIMUV UZ59; UZ27 SIMUV UZ59 BSI UM668; UZ17 SIMUV UZ59;
- b. W2 BSI W10; W10.

Aircraft coming from Brasília Terminal Area and Anápolis Terminal Area, destined to Amazônica FIR. They shall use the following routes:

- a. UM409; UZ26; UM668; UZ40;
- b. G678; W10; G449.

Aircraft coming from Amazônica FIR, destined to Brasília Terminal Area and Anápolis Terminal Area. They shall use the following routes:

- a. UZ26 BSI UM668; UM668; UZ6; UZ40;
- b. G678; W10; G449.

Aircraft coming from Brasília Terminal Area and Anápolis Terminal Area, destined to Curitiba FIR. They shall use the following routes:

- a. UZ5 ENPEG; UZ31 UDIGI UZ5 ENPEG; UM668 GNV UM544 OGPEX; UM668 BSI UZ6; UZ6;
- b. W29; W10 GNV W29; W10 BSI Z2.

Aircraft coming from Curitiba FIR, destined to Brasília Terminal Area and Anápolis Terminal Area. They shall use the following routes:

- a. UZ5 ENPEG; UZ5 SIRUL UZ46; UM403; OGPEX UM544 GNV UM668; UM409 FLAND UZ33;
- b. W29; W29 GNV W10; W21.

Aircraft coming from São Paulo Terminal Area, destined to Recife FIR. They shall use the following routes:

- a. UZ23 BHZ UZ61 FORTI; UZ23 BHZ UZ16 POSMU; UZ23 BHZ UZ61 QUARU UN866 RUBIC;
- b. W45 BHZ W2 CNF W1; W45 BHZ W2 CNF W8.

Aircraft coming from Recife FIR, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UN741 MUMDI UZ38; UTGIR UZ21; REMIG UZ30;
- b. DAGOV W1; W10 BSI G449.

Aircraft coming from São Paulo Terminal Area, destined to Amazônica FIR. They shall use the following routes:

- a. UZ25; UZ26; UKBEV UL201 MABMA;
- b. Z7 BSI G449; Z7 BSI G678.

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Aircraft coming from the Amazônica FIR, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UZ6 NIMKI UZ38; UZ26 BSI UZ6 NIMKI UZ38; UL795 ETAXI UZ38; DARKI UZ82 EDESI UM411; DARKI UZ82 NEVKU UZ42;
- b. G449 BSI Z2 NIMKI Z6; G678 BSI Z2 NIMKI Z6; W10 GNV W11 MOPNI Z6.

Aircraft coming from Belo Horizonte Terminal Area, destined to Recife FIR. They shall use the following routes:

- a. UZ61; UZ16;
- b. W1; W8.

Aircraft coming from Recife FIR, destined to Belo Horizonte Terminal Area. They shall use the following routes:

- a. CARDU UZ4; UTGIR UZ21;
- b. W45; W8.

Aircraft coming from Amazônica FIR, destined to Belo Horizonte Terminal Area. They shall use the following routes:

- a. UM549 VUBOM UL795 EGONI UZ8; UZ6 ISOPI UZ35; UZ26 PMS UL576 AFTER UL462;
- b. G678 BSI Z12; G449 BSI Z12; W10 GNV W11.

Aircraft coming from Belo Horizonte Terminal Area, destined to Amazônica FIR. They shall use the following routes:

- a. UZ33 BSI UZ40; UZ33 FLAND UM409; UL462 AFTER UL576 OPNUP;
- b. W11 GNV W10; W2 BSI G678; W2 BSI G449.

Aircraft coming from Recife FIR, destined to Cuiabá Terminal Area. They shall use the following routes:

- a. UZ84;
- b. W10.

Aircraft coming from Cuiabá Terminal Area, destined to Recife FIR. They shall use the following routes:

- a. UZ84;
- b. W10.

Aircraft coming from Brasília Terminal Area, destined to Belo Horizonte Terminal Area. They shall use the following routes:

- a. UZ35;
- b. Z12.

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Aircraft coming from Belo Horizonte Terminal Area, destined to Brasília Terminal Area. They shall use the following routes:

- a. UZ33;
- b. W2.

Aircraft coming from Brasília Terminal Area, destined to Rio Terminal Area. They shall use the following routes:

- a. UZ6;
- b. Z2.

Aircraft coming from Brasília Terminal Area, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UZ6 NIMKI UZ38; UZ2;
- b. Z2 NIMKI Z6; Z5; G449.

Aircraft coming from São Paulo Terminal Area, destined to Brasília Terminal Area. They shall use the following routes:

- a. UZ25; UZ26;
- b. Z7; Z41.

Aircraft coming from Brasília Terminal Area, destined to Cuiabá Terminal Area. They shall use the following routes:

- a. UM668;
- b. W10.

Aircraft coming from Cuiabá Terminal Area, destined to Brasília Terminal Area. They shall use the following routes:

- a. UM668;
- b. W10.

Aircraft coming from Belo Horizonte Terminal Area, destined to Vitória Terminal Area. They shall use the following routes:

- a. UZ35;
- b. W11.

Aircraft coming from Vitória Terminal Area, destined to Belo Horizonte Terminal Area. They shall use the following routes:

- a. UZ34;
- b. W13.

Aircraft coming from Vitória Terminal Area, destined to Brasília Terminal Area. They shall use the following routes:

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- a. UZ34 OPLOX UZ40;
- b. W13 OPLOX Z3.

Aircraft coming from Brasília Terminal Area, destined to Vitória Terminal Area. They shall use the following routes:

- a. UZ32;
- b. Z12 BHZ W11.

Aircraft coming from Belo Horizonte Terminal Area, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UZ21; UZ30;
- b. W1; W57.

Aircraft coming from São Paulo Terminal Area, destined to Belo Horizonte Terminal Area. They shall use the following routes:

- a. UZ23; UZ14;
- b. W45.

### **CURITIBA FIR**

During partial contingency in the Curitiba FIR only Flight Information Service (FIS) and Alerting Services will be provided. For the TMA directly involved with the flight progress that serve the airports of Curitiba (SBCT), Porto Alegre (SBPA), Florianópolis (SBFL), Campo Grande (SBCG), Londrina (SBLO), Galeão (SBGL), Santos Dumont (SBRJ), Guarulhos (SBGR), Congonhas (SBSP), Campinas (SBKP), Confins (SBCF), and Belo Horizonte (SBBH) a simplified system will be used, composed of the route network of Curitiba FIR, interconnecting these TMA and connecting them to the Recife, Brasília, Asunción, La Paz, Montevideo and Resistencia FIR, or vice versa, as follows:

Aircraft coming from Asunción FIR, destined to Curitiba Terminal Area. They shall use the following routes:

- a. FOZ UM548;
- b. FOZ W34.

Aircraft coming from the Curitiba Terminal Area, destined to Asunción FIR. They shall use the following routes:

- a. UM548 FOZ;
- b. W34 FOZ.

Aircraft coming from Asunción FIR, destined to Porto Alegre Terminal Area. They shall use the following routes:

- a. FOZ UL216;
- b. FOZ R563.

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Aircraft coming from Porto Alegre Terminal Area, destined to Asunción FIR. They shall use the following routes:

- a. UL216 FOZ;
- b. R563 FOZ.

Aircraft coming from Asunción FIR, destined to Florianópolis Terminal Area. They shall use the following routes:

- a. FOZ UM548 CTB UZ63;
- b. FOZ W34 CTB W48.

Aircraft coming from Florianópolis Terminal Area, destined to Asunción FIR. They shall use the following routes:

- a. UZ63 CTB UM548 FOZ;
- b. W48 CTB W34 FOZ.

Aircraft coming from Asunción FIR, destined to Campo Grande Terminal Area. They shall use the following routes:

- a. AKSUL UM544;
- b. PTP A430.

Aircraft coming from Campo Grande Terminal Area, destined to Asunción FIR. They shall use the following routes:

- a. UM544 AKSUL;
- b. A430 PTP.

Aircraft coming from São Paulo Terminal Area, destined to Asunción FIR. They shall use the following routes:

- a. UL301 BOLIR;
- b. G449 CTB W34 FOZ; A428 GEMAS.

Aircraft coming from Asunción FIR, destined to São Paulo Terminal Area. They shall use the following routes:

- a. FOZ UM548 KOXAG UM671 ANISE; FOZ UM548 ERODU UZ23 MADNI;
- b. FOZ W34 CTB Z21.

Aircraft coming from Resistencia FIR, destined to Curitiba Terminal Area. They shall use the following routes:

- a. FOZ UM548;
- b. FOZ W34.

Aircraft coming from Curitiba Terminal Area, destined to Resistencia FIR. They shall use the following routes:

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- a. UM548 FOZ;
- b. W34 FOZ.

Aircraft coming from Resistencia FIR, destined to São Paulo Terminal Area. They shall use the following routes:

- a. ARULA UM400 KOXAG UM671 ANISE; ARULA UM400 UGIBU UZ23 MADNI;
- b. FOZ W34 CTB Z21.

Aircraft coming from São Paulo Terminal Area, destined to Resistencia FIR. They shall use the following routes:

- a. UL310 ARULA;
- b. G449 CTB W34 FOZ; A428 LON Z31 FOZ.

Aircraft coming from Montevideo FIR, destined to Curitiba Terminal Area. They shall use the following routes:

- a. AKNEN UM671 RAXUS UZ5 XODAM;
- b. ISALA A314 COA G449.

Aircraft coming from Curitiba Terminal Area, destined to Montevideo FIR. They shall use the following routes:

- a. UM792 VUGNI; UM792 ROLUR UZ43 UBLUP UN741 ISALA;
- b. G449 COA A314 ISALA.

Aircraft coming from Montevideo FIR, destined to Porto Alegre Terminal Area. They shall use the following routes:

- a. AKPOD UM540; OGRUN UN857;
- b. UGURA A309.

Aircraft coming from Porto Alegre Terminal Area, destined to Montevideo FIR. They shall use the following routes:

- a. UN857 OGRUN; UM534 DADUT UN741 ISALA;
- b. A314 ISALA.

Aircraft coming from Montevideo FIR, destined to Florianópolis Terminal Area. They shall use the following routes:

- a. AKPOD UM540 ITBEB UN857 EGBIP DCT; OGRUN UN857 EGBIP DCT;
- b. UGURA A309 COA DCT JUICE Z4.

Aircraft coming from Florianópolis Terminal Area, destined to Montevideo FIR. They shall use the following routes:

- a. UN857 NELOX UM534 DADUT UN741 ISALA;
- b. Z4 JUICE DCT COA A314.

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Aircraft coming from Montevideo FIR, destined to São Paulo Terminal Area. They shall use the following routes:

- a. AKNEN UM671 ANISE; AKNEN UM671 VAGAL UZ23 MADNI;
- b. UGURA A309 COA DCT JUICE Z4 FLN W45.

Aircraft coming from the São Paulo Terminal Area, destined to Montevideo FIR. They shall use the following routes:

- a. UZ43 UBLUP UN741 ISALA; UM792 VUGNI;
- b. G449 COA A314 ISALA.

Aircraft coming from La Paz FIR, destined to Campo Grande Terminal Area. They shall use the following routes:

- a. NISDI UZ42;
- b. NISDI A304.

Aircraft coming from Campo Grande Terminal Area, destined to La Paz FIR. They shall use the following routes:

- a. UZ42 NISDI;
- b. A304 NISDI.

Aircraft coming from La Paz FIR, destined to São Paulo Terminal Area. They shall use the following routes:

- a. NISDI UZ42; EVLOL UM411;
- b. NISDI A304 GRD Z22.

Aircraft coming from São Paulo Terminal Area, destined to La Paz FIR. They shall use the following routes:

- a. UM415 SIDAK;
- b. Z22 GRD A304 NISDI.

Aircraft coming from Porto Alegre Terminal Area, destined to Florianópolis Terminal Area. They shall use the following routes:

- a. UN857 EGBIP DCT;
- b. Z4.

Aircraft coming from Florianópolis Terminal Area, destined to Porto Alegre Terminal Area. They shall use the following routes:

- a. UN857;
- b. Z4.

Aircraft coming from Florianópolis Terminal Area, destined to Curitiba Terminal Area. They shall use the following routes:

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- a. UZ63;
- b. W48.

Aircraft coming from Curitiba Terminal Area, destined to Florianópolis Terminal Area. They shall use the following routes:

- a. UZ63;
- b. W48.

Aircraft coming from Porto Alegre Terminal Area, destined to Curitiba Terminal Area. They shall use the following routes:

- a. UZ5;
- b. G449.

Aircraft coming from Curitiba Terminal Area, destined to Porto Alegre Terminal Area. They shall use the following routes:

- a. UZ13 EKUTI UZ38;
- b. G449.

Aircraft coming from Curitiba Terminal Area, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UM548 ERODU UZ23 MADNI; UM548 KOXAG UM671 ANISE;
- b. Z21.

Aircraft coming from São Paulo Terminal Area, destined to Curitiba Terminal Area. They shall use the following routes:

- a. UM792;
- b. G449; W57.

Aircraft coming from Florianópolis Terminal Area, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UZ63 GESDA UZ23 MADNI; DCT VUBUV UM671 ANISE;
- b. W45.

Aircraft coming from São Paulo Terminal Area, destined to Florianópolis Terminal Area. They shall use the following routes:

- a. UZ43 UTPAT UZ63;
- b. G449 CTB W48.

Aircraft coming from Foz Terminal Area, destined to Curitiba Terminal Area. They shall use the following routes:

- a. UM548;
- b. W34.



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Aircraft coming from Curitiba Terminal Area, destined to Foz Terminal Area. They shall use the following routes:

- a. UM548;
- b. W34.

Aircraft coming from Campo Grande Terminal Area, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UZ22 ASEPO UM411; UZ42;
- b. Z22.

Aircraft coming from São Paulo Terminal Area, destined to Campo Grande Terminal Area. They shall use the following routes:

- a. UM415 DUNCE UZ63;
- b. Z22.

Aircraft coming from Rio Terminal Area, destined to Atlântico FIR. They shall use the following routes:

- a. UL224 CIDER; UL340 EKALO.

Aircraft coming from Atlântico FIR, destined to Rio Terminal Area. They shall use the following routes:

- a. EKALO UL340; CIDER UL224.

Aircraft coming from Rio Terminal Area, destined to Curitiba Terminal Area. They shall use the following routes:

- a. UZ45 ORANA UM792;
- b. W6 BUVGU G449; Z11 NIBGA G449.

Aircraft coming from Curitiba Terminal Area, destined to Rio Terminal Area. They shall use the following routes:

- a. UM548 KOXAG UM400;
- b. Z21 RDE DCT DORLU W53; Z21 RDE DCT EKIDI W7.

Aircraft coming from Rio Terminal Area, destined to Florianópolis Terminal Area. They shall use the following routes:

- a. UN857 EKUBI;
- b. Z4.

Aircraft coming from Florianópolis Terminal Area, destined to Rio Terminal Area. They shall use the following routes:

- a. EKUBI UN857;
- b. Z4.

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Aircraft coming from Rio Terminal Area, destined to Porto Alegre Terminal Area. They shall use the following routes:

- a. UN857;
- b. Z4.

Aircraft coming from Porto Alegre Terminal Area, destined to Rio Terminal Area. They shall use the following routes:

- a. UN857;
- b. Z4.

Aircraft coming from Belo Horizonte Terminal Area, destined to Curitiba Terminal Area. They shall use the following routes:

- a. UZ21 ILMUR UZ43 ANBIB UZ10 SCB UM792;
- b. W57.

Aircraft coming from Curitiba Terminal Area, destined to Belo Horizonte Terminal Area. They shall use the following routes:

- a. UM548 ERODU UZ23;
- b. Z21 RDE W45.

Aircraft coming from Vitória Terminal Area, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UZ44; UZ44 ADA UZ45; UL327 SIDUR UZ10;
- b. W6; Z10.

Aircraft coming from São Paulo Terminal Area, destined to Vitória Terminal Area. They shall use the following routes:

- a. UZ37 CXI UL340 VUPIP UL206; UZ14 EDMOG UZ35; UZ23 BHZ UZ35;
- b. W53 MCA W6; W7 MCA W6; W45 BHZ W11.

Aircraft coming from Vitória Terminal Area, destined to Rio Terminal Area. They shall use the following routes:

- a. UZ44 ADA; UL327 MOLSU;
- b. Z10 MOLSU; W6 ADA.

Aircraft coming from Rio Terminal Area, destined to Vitória Terminal Area. They shall use the following routes:

- a. UL206;
- b. W6.

Aircraft coming from Belo Horizonte Terminal Area, destined to Rio Terminal Area. They shall use the following routes:

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- a. UZ3;
- b. Z32.

Aircraft coming from Rio Terminal Area, destined to Belo Horizonte Terminal Area. They shall use the following routes:

- a. UZ4;
- b. W8.

Aircraft coming from Campo Grande Terminal Area, destined to Londrina Terminal Area. They shall use the following routes:

- a. UZ63;
- b. W47.

Aircraft coming from Londrina Terminal Area, destined to Campo Grande Terminal Area. They shall use the following routes:

- a. UZ63;
- b. W47.

Aircraft coming from Londrina Terminal Area, destined to Curitiba Terminal Area. They shall use the following routes:

- a. UZ63;
- b. W48.

Aircraft coming from Curitiba Terminal Area, destined to Londrina Terminal Area. They shall use the following routes:

- a. UZ63;
- b. W48.

Aircraft coming from Porto Alegre Terminal Area, destined to São Paulo Terminal Area. They shall use the following routes:

- a. UM540 PANIR UM671 ANISE; UZ23 MADNI;
- b. Z4 FLN W45.

Aircraft coming from São Paulo Terminal Area, destined to Porto Alegre Terminal Area. They shall use the following routes:

- a. UZ43 ESNIK UZ13 EKUTI;
- b. G449.

Aircraft coming from the Northeast region of Brazil and that intend to overfly the airspace in contingency to CW FIR must necessarily enter the airspace through VRI VOR and follow the contingency routes indicated at VITÓRIA TERMINAL.

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Aircraft coming from BS FIR destined to Rio de Janeiro Terminal Area must necessarily enter the airspace through BHZ VOR and follow the contingency routes indicated at BELO HORIZONTE TERMINAL.

Aircraft coming from BS FIR destined to Campo Grande Terminal Area must necessarily enter the airspace through OGPEX UM544; OGPEX W29 or SCB UM415 DUNCE UZ63; Z22.

Aircraft coming from AZ FIR destined to Campo Grande Terminal Area must necessarily enter the airspace through TOSAR position UZ63; W47.

### **AMAZÔNICA FIR**

During partial contingency in the Amazônia FIR only Flight Information Service (FIS) and Alerting Services will be provided. For the TMA directly involved with the flight progress that serve the airports of Eduardo Gomes (SBEG), Porto Velho (SBPV), Boa Vista (SBBV), Rio Branco (SBRB), Belém (SBBE), Macapá (SBMQ), Cuiabá (SBCY) and Santarém (SBSN), a simplified system will be used, composed of the route network of the Amazônia FIR, interconnecting these TMA and connecting them to the Bogotá, Georgetown, La Paz, Lima, Maiquetía, Paramaribo and Cayenne FIR, or vice versa, as follows:

Aircraft coming from Maiquetía FIR, destined to Manaus Terminal Area. They shall use the following routes:

- a. PAKON UM423 BVI UM402; VUMPI UR640;
- b. LDP G678.

Aircraft coming from Manaus Terminal Area, destined to Maiquetía FIR. They shall use the following routes:

- a. UM402 BVI UM423 PAKON;
- b. G678 LDP.

Aircraft coming from Georgetown FIR, destined to Manaus Terminal Area. They shall use the following routes:

- a. GEMOL UB681 BVI UM402;
- b. GEMOL B681 BVI G678.

Aircraft coming from Manaus Terminal Area, destined to Georgetown FIR. They shall use the following routes:

- a. UM402 BVI UB681 GEMOL;
- b. G678 BVI B681 GEMOL.

Aircraft coming from Bogotá FIR, destined to Manaus Terminal Area. They shall use the following routes:

- a. BRACO UA323;
- b. SUGLU Z13.

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Aircraft coming from Manaus Terminal Area, destined to Bogotá FIR. They shall use the following routes:

- a. UA323 BRACO;
- b. Z13 SUGLU.

Aircraft coming from Lima FIR, destined to Manaus Terminal Area. They shall use the following routes:

- a. ILNAM UL306;
- b. KEBOM B552 CZS W10 PVH W3.

Aircraft coming from Manaus Terminal Area, destined to Lima FIR. They shall use the following routes:

- a. UL306 ILNAM;
- b. W3 PVH W10 CZS B552 KEBOM.

Aircraft coming from La Paz FIR, destined to Manaus Terminal Area. They shall use the following routes:

- a. GRAFO UL309 RCO UZ62;
- b. GJM W3.

Aircraft coming from Manaus Terminal Area, destined to La Paz FIR. They shall use the following routes:

- a. UZ62 RCO UL309 GRAFO;
- b. W3 GJM.

Aircraft coming from Maiquetía FIR, destined to Boa Vista Terminal Area. They shall use the following routes:

- a. PAKON UM423;
- b. LDP G678.

Aircraft coming from Boa Vista Terminal Area, destined to Maiquetía FIR. They shall use the following routes:

- a. UM423 PAKON;
- b. G678 LDP.

Aircraft coming from Georgetown FIR, destined to Boa Vista Terminal Area. They shall use the following routes:

- a. GEMOL UB681;
- b. GEMOL B681.

Aircraft coming from Boa Vista Terminal Area, destined to Georgetown FIR. They shall use the following routes:

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- a. UB681 GEMOL;
- b. B681 GEMOL.

Aircraft coming from Paramaribo FIR, destined to Santarém Terminal Area. They shall use the following routes:

- a. ACARI UL452;
- b. TIR W23.

Aircraft coming from Santarém Terminal Area, destined to FIR Paramaribo. They shall use the following routes:

- a. UL452 ACARI;
- b. W23 TIR.

Aircraft coming from Cayenne FIR, destined to Belém Terminal Area. They shall use the following routes:

- a. OIA UA555; OTONI UG449;
- b. OIA G443.

Aircraft coming from Belém Terminal Area, destined to Cayenne FIR. They shall use the following routes:

- a. UA555 OIA; UG449 OTONI;
- b. G443 OIA.

Aircraft coming from La Paz FIR, destined to Porto Velho Terminal Area. They shall use the following routes:

- a. GRAFO UL309 RCO UZ74;
- b. GJM W3.

Aircraft coming from Porto Velho Terminal Area, destined to La Paz FIR. They shall use the following routes:

- a. UZ74 RCO UL309 GRAFO;
- b. W3 GJM.

Aircraft coming from La Paz FIR, destined to Rio Branco Terminal Area. They shall use the following routes:

- a. GRAFO UL309;
- b. VILUX A301.

Aircraft coming from Rio Branco Terminal Area, destined to La Paz FIR. They shall use the following routes:

- a. UL309 GRAFO;
- b. A301 VILUX.

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Aircraft coming from Lima FIR, destined to Rio Branco Terminal Area. They shall use the following route:

- a. LIMPO UN420;
- b. KEBOM B552 CZS W10.

Aircraft coming from Rio Branco Terminal Area, destined to Lima FIR. They shall use the following route:

- a. UN420 LIMPO;
- b. W10 CZS B552 KEBOM.

Aircraft coming from Boa Vista Terminal Area, destined to Manaus Terminal Area. They shall use the following route:

- a. UM402;
- b. G678.

Aircraft coming from Manaus Terminal Area, destined to Boa Vista Terminal Area. They shall use the following route:

- a. UM402;
- b. G678.

Aircraft coming from Porto Velho Terminal Area, destined to Manaus Terminal Area. They shall use the following route:

- a. UZ74;
- b. W3.

Aircraft coming from Manaus Terminal Area, destined to Porto Velho Terminal Area. They shall use the following route:

- a. UZ74;
- b. W3.

Aircraft coming from Manaus Terminal Area, destined to Belém Terminal Area. They shall use the following route:

- a. UZ81;
- b. A566.

Aircraft coming from Belém Terminal Area, destined to Manaus Terminal Area. They shall use the following route:

- a. UZ81;
- b. A566.

Aircraft coming from Rio Branco Terminal Area, destined to Manaus Terminal Area. They shall use the following route:

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- a. UZ62;
- b. W10 PVH W3.

Aircraft coming from Manaus Terminal Area, destined to Rio Branco Terminal Area. They shall use the following route:

- a. UZ62;
- b. W3 PVH W10.

Aircraft coming from Belém Terminal Area, destined to São Luís Terminal Area. They shall use the following route:

- a. UZ81;
- b. W20.

Aircraft coming from São Luís Terminal Area, destined to Belém Terminal Area. They shall use the following route:

- a. UZ81;
- b. W20.

Aircraft coming from Manaus Terminal Area, destined to Brasília FIR. They shall use the following route:

- a. UZ6;
- b. G678.

Aircraft coming from Brasília FIR, destined to Manaus Terminal Area. They shall use the following route:

- a. UM409 MALPU UZ81;
- b. G678.

Aircraft coming from Porto Velho Terminal Area, destined to Brasília FIR. They shall use the following route:

- a. UZ40;
- b. W10.

Aircraft coming from Brasília FIR, destined to Porto Velho Terminal Area. They shall use the following route:

- a. UZ40;
- b. W10.

Aircraft coming from Belém Terminal Area, destined to Brasília FIR. They shall use the following route:

- a. UZ26;
- b. G449.



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Aircraft coming from Brasília FIR, destined to Belém Terminal Area. They shall use the following route:

- a. UZ26;
- b. G449.

Aircraft coming from São Luís Terminal Area, destined to Brasília FIR. They shall use the following routes:

- a. UZ2 (FIR RECIFE ENRUS/BETAR);
- b. W22 YTZ G449.

Aircraft coming from Brasília FIR, destined to São Luís Terminal Area. They shall use the following route:

- a. UZ2 (FIR RECIFE BETAR/ENRUS);
- b. W22 YTZ G449.

Aircraft from Curitiba FIR, destined to Cuiabá Terminal Area. They shall use the following routes:

- a. UZ63;
- b. W47.

Aircraft coming from Cuiabá Terminal Area, destined to Curitiba FIR. They shall use the following routes:

- a. UZ63;
- b. W47.

Aircraft coming from Cuiabá Terminal Area, destined to Porto Velho Terminal Area. They shall use the following routes:

- a. UM668 ISUDU UL655 DIKAL DCT PVH;
- b. W10.

Aircraft coming from Porto Velho Terminal Area, destined to Cuiabá Terminal Area. They shall use the following routes:

- a. PVH DCT DIKAL UL655 ISUDU UM668;
- b. W10.

Aircraft coming from Cuiabá Terminal Area, destined to Rio Branco Terminal Area. They shall use the following routes:

- a. UM775;
- b. A430.

Aircraft coming from Rio Branco Terminal Area, destined to Cuiabá Terminal Area. They shall use the following routes:

- a. UM775;

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b. A430.

Aircraft coming from Cuiabá Terminal Area, destined to Manaus Terminal Area. They shall use the following routes:

a. UM668 ISUDU UL655 EDVEP UM402;

b. W47 ATF G678.

Aircraft coming from Recife FIR, destined to São Luís Terminal Area. They shall use the following route:

a. UZ20; UZ81;

b. W20; Z9.

Aircraft coming from São Luís Terminal Area, destined to Recife FIR. They shall use the following route:

a. UZ20; UZ81;

b. W20; Z9.

Aircraft coming from Cuiabá Terminal Area, destined to Belém Terminal Area. They shall use the following routes:

a. UZ91;

b. W47 ATF G678 JAC W23 YUB Z13 ATM W27.

Aircraft coming from Belém Terminal Area, destined to Cuiabá Terminal Area. They shall use the following routes:

a. UZ91;

b. W27 ATM Z13 YUB W23 JAC G678 ATF W47.

Aircraft coming from Cuiabá Terminal Area destined to La Paz FIR. They shall use the following routes:

a. UM668 GEDUS;

b. B652 SMT.

## **RECIFE FIR**

During partial contingency in the Recife FIR only Flight Information Service (FIS) and Alerting Services will be provided by the TMA. For the TMA directly involved with the flight progress that serve the airports of Fortaleza (SBFZ), Natal (SBNT), Recife (FRBS), Salvador (SBSV), Porto Seguro (SBPS) and Vitória (SBVT), a simplified system will be used, composed of ATS route network of Recife FIR, interconnecting these TMA and connecting them to the Amazônica (SBAZ), Atlântico (SBAO), Brasília (SBBS) and Curitiba (SBCW) FIR. The expression “destined to” in the following items refers to the FIR to be entered immediately after leaving Recife FIR.

### **Aircraft coming from Atlântico FIR**

Destined to Fortaleza Terminal Area:

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- a. UN741.

Destined to Natal Terminal Area:

- a. UN873;  
b. B623 FNR W40.

Destined to Recife Terminal Area:

- a. UB623; UZ59;  
b. B623 FNR W41; FLUTE DCT REC.

Destined to Salvador Terminal Area:

- a. UN741 FLZ UZ19; UN873 NTL UZ10;  
b. ILKOX DCT SVD; B623 FNR W41 REC W33.

Destined to Porto Seguro Terminal Area:

- a. UN741 FLZ UZ19 SVD UZ44; UN857;  
b. PAMOX DCT SGR; B623 FNR W41 REC W33.

Destined to Vitória Terminal Area:

- a. UN741 FLZ UZ19 SVD UZ44; UN857 SGR UZ44; UL206;  
b. B623 FNR W41 REC W33.

**Coming from Amazônica FIR**

Destined to Fortaleza Terminal Area:

- a. UZ81;  
b. Z9.

Destined to Natal Terminal Area:

- a. UZ81 MSS DCT NTL;  
b. Z9 FLZ W33.

Destined to Recife Terminal Area:

- a. UZ81;  
b. Z9 FLZ W33.

Destined to Salvador Terminal Area:

- a. UZ20;  
b. Z9.

Destined to Porto Seguro Terminal Area:

- a. UZ20 SVD UZ44;

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b. Z9 FLZ W33.

Destined to Vitória Terminal Area:

a. UZ20 SVD UZ44;

b. Z9 FLZ W33.

**Coming from Brasília FIR**

Destined to Fortaleza Terminal Area:

a. UZ18;

b. W2 TNA W44.

Destined to Natal Terminal Area:

a. UZ59 ZIPAR UZ10; UZ16 POSMU UZ36 SVD UZ10;

b. W1 YLH W33; W10 REC W33.

Destined to Recife Terminal Area:

a. UZ59; UZ16 POSMU UZ36 SVD UZ17;

b. W1 YLH W33; W10.

Destined to Salvador Terminal Area:

a. UZ19; UZ16 POSMU UZ36;

b. W1 YLH W33; Z9.

Destined to Porto Seguro Terminal Area:

a. UZ16;

b. W45.

Destined to Vitória Terminal Area:

a. UZ35;

b. W11.

**Coming from Curitiba FIR**

Destined to Fortaleza Terminal Area:

a. UN857 SGR UZ44 SVD UZ19;

b. W6 VRI W33 SVD Z9.

Destined to Natal Terminal Area:

a. UN857 SGR UZ44 SVD UZ17;

b. W6 VRI W33.

Destined to Recife Terminal Area:

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- a. UN857 SGR UZ44 SVD UZ17;
- b. W6 VRI W33.

Destined to Salvador Terminal Area:

- a. UN857 SGR UZ44;
- b. W6 VRI W33.

Destined to Porto Seguro Terminal Area:

- a. UN857;
- b. W6 VRI W33.

**Coming from Fortaleza Terminal Area**

Destined to Atlântico FIR:

- a. UZ18 MAGNO.

Destined to Amazônica FIR:

- a. UZ12;
- b. Z9.

Destined to Brasília FIR:

- a. UN741; UZ29; UZ18;
- b. W44 TNA W2.

Destined to Curitiba FIR:

- a. UZ19 SVD UZ10;
- b. Z9 SVD W33 VRI W6.

Destined to Natal Terminal Area:

- a. UZ81 MSS DCT NTL;
- b. W33.

Destined to Recife Terminal Area:

- a. UZ81;
- b. W33.

Destined to Salvador Terminal Area:

- a. UZ19;
- b. Z9.

Destined to Porto Seguro Terminal Area:

- a. UZ19 SVD UZ44;

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- b. Z9 SVD W33.

Destined to Vitória Terminal Area:

- a. UZ19 SVD UZ44;
- b. Z9 SVD W33.

**Coming from Natal Terminal Area**

Destined to Atlântico FIR:

- a. UN873;
- b. W40 FNR B623.

Destined to Amazônica FIR

- a. UZ12;
- b. W33 FLZ Z9.

Destined to Brasília FIR:

- a. UZ14 AVILA UZ59, UZ14 TOMAS UZ21;
- b. W33 YLH W1; W33 REC W10.

Destined to Curitiba FIR:

- a. UZ17 SVD UZ44 SGR UN857;
- b. W33 VRI W6.

Destined to Fortaleza Terminal Area:

- a. UZ12;
- b. W33.

Destined to Recife Terminal Area:

- a. UZ17;
- b. W33.

Destined to Salvador Terminal Area:

- a. UZ17;
- b. W33.

Destined to Porto Seguro Terminal Area:

- a. UZ17 SVD UZ44;
- b. W33.

Destined to Vitória Terminal Area:

- a. UZ17 SVD UZ44;

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- b. W33.

**Coming from Recife Terminal Area**

Destined to FIR Atlântico:

- a. UB623; UZ59; REC DCT FLUTE;
- b. W41 FNR B623.

Destined to Amazônica FIR:

- a. UZ81 FLZ UZ12;
- b. W33 FLZ Z9.

Destined to Brasília FIR:

- a. UZ59; UZ17 NITBO UZ21;
- b. W33 SVD Z8; W10; W33 YLH W1.

Destined to Curitiba FIR:

- a. UZ17 SVD UZ44 SGR UN857;
- b. W33 VRI W6.

Destined to Fortaleza Terminal Area:

- a. UZ81;
- b. W33.

Destined to Natal Terminal Area:

- a. UZ17;
- b. W33.

Destined to Salvador Terminal Area:

- a. UZ17;
- b. W33.

Destined to Porto Seguro Terminal Area:

- a. UZ17 SVD UZ44;
- b. W33.

Destined to Vitória Terminal Area:

- a. UZ17 SVD UZ44;
- b. W33.

**Coming from Salvador Terminal Area**

Destined to Atlântico FIR:

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- a. UZ44 MSS UN866; UZ10 NTL UN873;
- b. W33 REC W41 FNR B623.

Destined to Amazônica FIR:

- a. UZ19 FLZ UZ12;
- b. Z9.

Destined to Brasília FIR:

- a. UZ17; UZ17 NITBO UZ21;
- b. W33 YLH W1; W42 LAP W10.

Destined to Curitiba FIR:

- a. UZ10;
- b. W33 VRI W6.

Destined to Fortaleza Terminal Area:

- a. UZ19;
- b. Z9.

Destined to Natal Terminal Area:

- a. UZ17;
- b. W33.

Destined to Recife Terminal Area:

- a. UZ17;
- b. W33.

Destined to Porto Seguro Terminal Area:

- a. UZ44;
- b. W33.

Destined to Vitória Terminal Area:

- a. UZ44;
- b. W33.

**Coming from Porto Seguro Terminal Area**

Destined to Atlântico FIR:

- a. UN857; UZ44 MSS UN866;
- b. W33 REC W41 FNR B623.

Destined to Amazônica FIR:



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- a. UZ44 SVD UZ41;
- b. W33 SVD Z9.

Destined to Brasília FIR:

- a. UZ16;
- b. W45.

Destined to Curitiba FIR:

- a. UN857;
- b. W33 VRI W6.

Destined to Fortaleza Terminal Area:

- a. UZ44 SVD UZ19;
- b. W33 SVD Z9.

Destined to Natal Terminal Area:

- a. UZ44 SVD UZ17;
- b. W33.

Destined to Recife Terminal Area:

- a. UZ44 SVD UZ17;
- b. W33.

Destined to Salvador Terminal Area

- a. UZ44;
- b. W33.

Destined to Vitória Terminal Area:

- a. UZ44;
- b. W33.

**Coming from Vitória Terminal Area**

Destined to FIR Atlântico:

- a. UL206; UZ44 SGR UN857; UZ44 MSS UN866;
- b. W33 REC W41 FNR B623.

Destined to Amazônica FIR:

- a. UZ44 SVD UZ41;
- b. W33 SVD Z9.

Destined to Brasília FIR:

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- a. UZ34;
- b. W13.

Destined to Fortaleza Terminal Area:

- a. UZ44 SVD UZ19;
- b. W33 SVD Z9.

Destined to Natal Terminal Area:

- a. UZ44 SVD UZ17;
- b. W33.

Destined to Recife Terminal Area:

- a. UZ44 SVD UZ17;
- b. W33.

Destined to Salvador Terminal Area:

- a. UZ44;
- b. W33.

Destined to Porto Seguro Terminal Area:

- a. UZ44;
- b. W33.

## **ATLÂNTICO FIR**

In case of partial disruption of the ACC-AO, air traffic flow restriction will be applied only to the EUR/SAM corridor due to traffic density. Out of the EUR/SAM corridor longitudinal separation may be extended up to 20 minutes MNT.

In addition to publishing the NOTAM, as per template in item 7, the contingency situation shall be informed by any means and as quickly as possible to the AAC involved and the contingency operating procedures contained in the Aeronautical Information Circular (AIC), specific for the EUR/SAM Corridor, shall be applied.

### **Specific provisions applicable in case of total disruption of air traffic services in Brazilian FIR.**

During **total disruption**, situation in which there is no provision of ATS services, a simplified contingency route network will be established, between the FIR in Brazil and between them and the adjacent FIR, as well as flight levels and predetermined minimum longitudinal separation.

Takeoff and landing under IFR shall not be authorized in the FIR in total contingency.

For entering into the FIR in contingency, the following procedures shall be observed:

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- In order to keep the minimum lateral and vertical separations, the aircraft that overfly the FIR in contingency must use the flight levels and the simplified route network set forth for each FIR, according to the subsequent paragraphs;
- If an aircraft during flight, before entering the airspace in contingency, is unable to fulfill the previously established operating procedures, ATS transferring unit shall coordinate with the Air Navigation Management Center – CGNA.

### **BRASÍLIA FIR**

Provisions applicable in the event of a **total disruption** of air traffic services in the Brasília FIR:

Aircraft coming from Recife/Atlântico FIR destined to Curitiba FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. CARDO UN741, FL360.
- b. NECTO UZ18 SIMUV UZ59 BSI UM668 GNV UM544 OGPEX, FL360.
- c. NECTO UZ18 SIMUV UZ59 BSI UZ5 KUKOL UM532 PANAM, FL360.
- d. IMBES UZ59 BSI UM668 GNV UM544 OGPEX, FL340.
- e. IMBES UZ59 BSI UZ5 KUKOL UM532 PANAM, FL340.
- f. REMIG UZ30 PREGO, FL340.
- g. UTGIR UZ21 ILMUR UZ43 STN, FL320.

Aircraft coming from Curitiba FIR destined to Recife/Atlântico FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. PANAM UM532 KUKOL UZ5 BSI UZ59 SIMUV UZ18 NECTO, FL290 or FL330.
- b. PANAM UM532 KUKOL UZ5 BSI UZ59 SIMUV UZ27 MUNUX, FL290 or FL330.
- c. PANAM UM532 KUKOL UZ5 BSI UZ59 IMBES, FL290 or FL330.
- d. OGPEX UM544 GNV UM668 BSI UZ59 SIMUV UZ18 NECTO, FL270.
- e. OGPEX UM544 GNV UM668 BSI UZ59 SIMUV UZ27 MUNUX, FL250.
- f. OGPEX UM544 GNV UM668 BSI UZ59 IMBES, FL250.
- g. BCO UZ23 BHZ UZ61 FORTI, FL370.
- h. NENON UM654 MALBA, FL350.
- i. BCO UZ23 BHZ UZ61 QUARU UN866 RUBIC, FL370.

Aircraft coming from Amazônia FIR destined to Recife FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. MOLPA UM668 BSI UZ59 SIMUV UZ18 NECTO, FL310.
- b. MOLPA UM668 BSI UZ59 SIMUV UZ27 MUNUX, FL310.

Aircraft coming from Recife FIR destined to Amazônia FIR shall be routed through the ATS route network of the FIR, according to the following:

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- a. IMBES UZ59 BSI UM668 MOLPA, FL320.

**CURITIBA FIR**

Provisions applicable in the event of a total disruption of air traffic services in the Curitiba FIR.

Aircraft coming from Brasília FIR destined to Asunción FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. OGPEX UM544 AKSUL, FL340 or FL360.  
b. PANAM UM532 TEMED UZ65 FOZ, FL340 or FL360.

Aircraft coming from Amazônica FIR destined to Asunción FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. TOSAR UM799 REMEK, FL360.

Aircraft coming from Asunción FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. FOZ UZ65 TEMED UM532 PANAM, FL290.  
b. AKSUL UM544 OGPEX, FL250.

Aircraft coming from Asunción FIR destined to Amazônica FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. REMEK UM799 TOSAR, FL350.

Aircraft coming from Brasília FIR destined to Resistencia FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. PANAM UM532 TEMED UZ65 FOZ, FL340 or FL360.  
b. MUBET UZ10 SCB UM792 ORANA UL310 ARULA, FL320.

Aircraft coming from Resistencia FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. FOZ UZ65 TEMED UM532 PANAM, FL310.

Aircraft coming from Brasília FIR destined to Montevideo FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. CHIRE UN741 ISALA, FL360.  
b. MUBET UZ10 SCB UM792 VUGNI, FL300 or FL320 or FL360.

Aircraft coming from Montevideo FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. AKNEN UM671 VAGAL UZ23 BCO, FL370.

Aircraft coming from Brasília FIR destined to La Paz FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. MUBET UZ10 SCB UM415 SIDAK, FL260.

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Aircraft coming from La Paz FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. SIDAK UZ22 ESIGI, FL270.

Aircraft coming from Recife FIR destined to Montevideo FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. MABSI UZ44 ADA UZ45 KOVGO UN857 OGRUN, FL260 or FL280 or FL360 or FL380 or FL430 or FL470.

Aircraft coming from Montevideo FIR destined to Recife FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. OGRUN UN857 DOGSU, FL350.

### **AMAZÔNICA FIR**

Provisions applicable in the event of a **total disruption** of air traffic services in the Amazônia FIR.

Aircraft coming from Brasília FIR destined to Maiquetía FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. LIVAB UM409 VUMPI, FL320.
- b. MALMI UL304 POVLA, FL300.

Aircraft coming from Maiquetía FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. VAGAN UZ6 SIPOT, FL310 or FL370.
- b. VUMPI UL795 SIGAX, FL350.

Aircraft coming from Brasília FIR destined to Bogotá FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. SIGAX UZ40 ARPAN UL201 ABIDE, FL300 or FL360.
- b. MOLPA UM668 ISUDU UL655 ASAPA, FL300.

Aircraft coming from Bogotá FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. ABIDE UM549 MANSI, FL310 or FL390.
- b. ASAPA UL655 ISUDU UM668 MOLPA, FL310.

Aircraft coming from Maiquetía FIR destined to La Paz FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. PAKON UM423 BVI UM402 UBKAB, FL390 up to MNS. When overflying MNS descend to FL380.

Aircraft coming from La Paz FIR destined to Maiquetía FIR shall be routed through the ATS route network of the FIR, according to the following:

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- a. UBKAB UM402 BVI UM423 PAKON, FL370 up to MNS VOR. When overheading MNS VOR descend to FL360.

Aircraft coming from Brasília FIR destined to Paramaribo FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. TOPAM UL452 ACARI, FL300 or FL380.

Aircraft coming from Paramaribo FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. ACARI UL452 TOPAM, FL310 or FL370.

Aircraft coming from Lima FIR destined to La Paz FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. LIMPO UN420 VILUX, FL310.

Aircraft coming from La Paz FIR destined to Lima FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. VILUX UN420 LIMPO, FL300.

Aircraft coming from La Paz FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. GEDUS UM668 MOLPA, FL330.
- b. BUVKI UZ76 MIPAD, FL330.

Aircraft coming from Brasília FIR destined to La Paz FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. MOLPA UM668 GEDUS, FL320.
- b. MIPAD UZ76 BUVKI, FL320.

Aircraft coming from Lima FIR destined to Paramaribo FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. ILNAM UL306 SIROS, FL290.

Aircraft coming from Paramaribo FIR destined to Lima FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. SIROS UL306 ILNAM, FL280.

Aircraft coming from Cayenne FIR destined to Recife FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. OTONI UG449 BEL UZ3 DAPTA, FL290 up to BEL VOR. When overheading BEL VOR descend to FL280.
- b. OTONI UG449 BEL UZ3 DAPTA, FL350 up to BEL. When overheading BEL VOR descend to FL340.

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Aircraft coming from Recife FIR destined to Cayenne FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. DAPTA UZ3 BEL UG449 OTONI, FL310 up to BEL. When overheading BEL climb to FL320.
- b. DAPTA UZ3 BEL UG449 OTONI, FL370 up to BEL. When overheading BEL climb to FL380.

Aircraft coming from La Paz FIR destined to Bogotá FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. VILUX UL542 LET, FL340 or FL380.

Aircraft coming from Bogotá FIR destined to La Paz FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. LET UL542 VILUX, FL350 or FL390.

Aircraft coming from Georgetown FIR destined to Lima FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. DOBDA UM527 SIGOB, FL280.

Aircraft coming from Lima FIR destined to Georgetown FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. SIGOB UM527 DOBDA, FL290.

Aircraft coming from Bogotá FIR destined to Recife FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. BRACO UA323 MNS UZ81 OBLEV FL270;

Aircraft coming from Recife FIR destined to Bogotá FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. OBLEV UZ81 MNS UA323 BRACO FL260.

## **RECIFE FIR**

Provisions applicable in the event of a Total Disruption of air traffic services in the Recife FIR:

Aircraft coming from Brasília FIR destined to Atlântico FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. MUNUX UZ27 MSS UN866 MAGNO, FL270, FL310 or FL350.
- b. RUBIC UN866 MAGNO, FL290, FL330 or FL370.
- c. IMBES UZ59 VURBI, FL270, FL310 or FL350.
- d. POSMU UZ36 SVD UZ10 NTL UN873 VUNOK, FL290, FL330 or FL370.

Aircraft coming from Atlântico FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. JOBER UN741 CARDO, FL320, FL360 or FL400.
- b. JOBER UN741 FLZ UZ18 NECTO, FL320, FL360 or FL400.

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- c. VUNOK UN873 NTL UZ14 TOMAS UZ21 UTGIR, FL320, FL360 or FL400.
- d. JOBER UN741 FLZ UZ29 REMIG FL300, FL340 or FL380.

Aircraft coming from Brasília FIR destined to Amazônia FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. BETAR UZ2 ENRUS, FL330 or FL370.

Aircraft coming from Amazônia FIR destined to Brasília FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. ENRUS UZ2 BETAR, FL320 or FL360.

Aircraft coming from Curitiba FIR destined to Atlântico FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. DOGSU UN857 UTRAM, FL290, FL330 or FL370.
- b. MIMIR UL206 CALVO, FL290, FL330 or FL370.
- c. MIMIR UL206 VRI UL335 GARUP, FL270, FL310 or FL350.

Aircraft coming from Atlântico FIR destined to Curitiba FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. UTRAM UN857 DOGSU, FL320, FL360 or FL400.
- b. CALVO UL206 MIMIR, FL320, FL360 or FL400.
- c. GARUP UL335 VRI UL206 MIMIR, FL300, FL340.

**ATLÂNTICO FIR (OUT OF THE EUR/SAM CORRIDOR)**

Provisions applicable in the event of a Total Disruption of air traffic services in the Atlântico FIR, except for the EUR/SAM Corridor.

*NOTE: The operating procedures for Total Contingency in the ACC-AO in the EUR/SAM Corridor are established in a specific AIC.*

Aircraft coming from Recife FIR destined to DAKAR Oceanic FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. They will be routed only through the EUR/SAM corridor.
- b. UL206 VRI UZ44 SGR UN857 UTRAM.
- c. UM661 VAKAM DCT DAGEL UN857 UTRAM.

Aircraft coming from DAKAR Oceanic FIR destined to Recife FIR:

- a. They will be routed only through the EUR/SAM corridor.
- b. UL206 BUGAT UZ59 VURBI UZ59 AMBET UN857 DOGSU.
- c. UM661 MOXIP UZ59 VURBI UZ59 AMBET UN857 DOGSU.



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Aircraft coming from Cayenne FIR destined to Luanda FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. UKEDI UL375 Siset, FL310.

Aircraft coming from Luanda FIR destined to Cayenne FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. Siset UL375 UKEDI, FL320.

Aircraft coming from Curitiba FIR destined to Luanda FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. EKALO DCT ILGER, FL270 or FL370.

Aircraft coming from Luanda FIR destined to Curitiba FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. ILGER DCT EKALO, FL260.

Aircraft coming from Curitiba FIR destined to Johannesburg FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. CIDER DCT ITGIV, FL270 or FL370.

Aircraft coming from Johannesburg FIR destined to Curitiba FIR shall be routed through the ATS route network of the FIR, according to the following:

- a. ITGIV DCT CIDER, FL280 or FL380.

## **NOTAM TEMPLATE FOR CONTINGENCY CASES**

In case of partial or total disruption of air traffic services in a given CTA/UTA/FIR, the Air Navigation Management Center (CGNA) shall publish a NOTAM about the FIR in contingency, indicating the following:

- a. Starting time and date, and planned duration of contingency measures;
- b. The Brazilian National Contingency Plan shall be applied; affected FIR: SBXX, SBYY;
- c. Facilities and/or services available;
- d. Procedures to be followed by adjacent ATS units;
- e. Procedures to be followed by pilots, who shall maintain radio watch on the main frequency of the sector being flown, in case it is available, as well as air/air frequency 123.45 MHz, applying inflight broadcast procedures; and
- f. Any other detail related to the contingency which requires immediate user attention.

## **CONTINGENCY PLAN TRIGGER NOTAM**

NOTAM A XXXX/XX DUE TO DISRUPTION OF AIR TRAFFIC SERVICES, THE BRAZILIAN CONTINGENCY PLAN HAS BEEN ACTIVATED WITHIN THE SBXX FIR, FROM (DATE/TIME) TO (ESTIMATED DATE/TIME). FOR MORE INFORMATION AND FLIGHT PLANNING, SEE

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THE SIMPLIFIED ROUTE NETWORK AND OPERATING PROCEDURES, ACCORDING TO THE BRAZILIAN CONTINGENCY PLAN, AS PUBLISHED IN AIP-BRASIL, PART ENR-3-5.

Optionally, the NOTAM may include other relevant aspects of the Contingency Plan, such as:

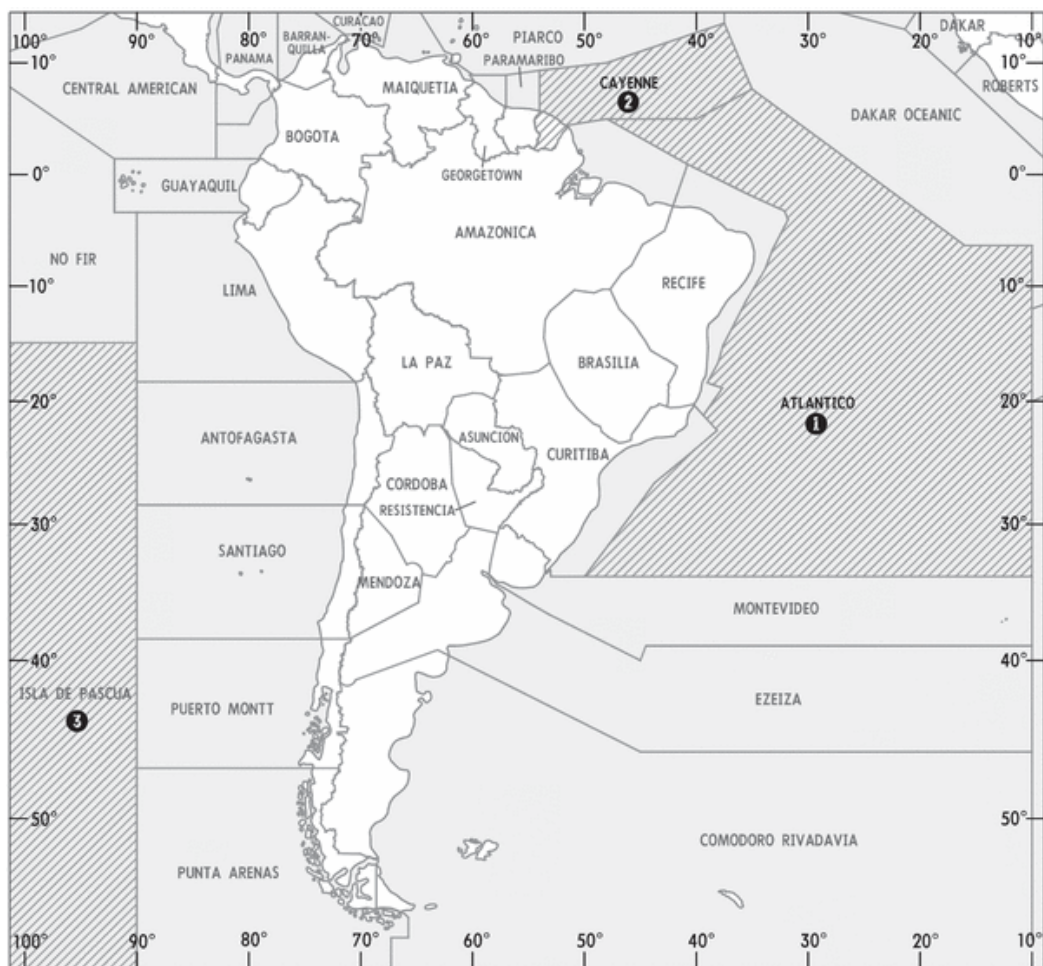
- a. Aeronautical mobile service is not available;
- b. There is a possibility of delays due to reduced ATC capacity;
- c. Only traffic proceeding via simplified ATS route network and flight levels, as described in the activated Contingency Plan, will be accepted;
- d. Pilots shall maintain radio watch on the main frequency of the sector being flown, as well as air/air frequency 123.45 MHz, applying inflight broadcast procedures;
- e. Wait for the possibility of performing auto-transfer procedures;
- f. Repetitive Flight Plans are suspended; and
- g. In case it is not possible to comply with the specifications established in the Contingency Plan, a new planning should be designed and/or the affected FIR should be avoided.

**CONTINGENCY PLAN CANCELLATION NOTAM**

NOTAM C XXXX/XX FROM (DATE/TIME). THE BRAZILIAN CONTINGENCY PLAN HAS BEEN DEACTIVATED. NORMAL ATS SERVICES PROVIDED.

# SOUTH AMERICA CPDLC COVERAGE

## CPDLC OVERVIEW



# **SOUTH AMERICA CPDLC COVERAGE**

## **Data Link Services**

<b>Airspace</b>	<b>CPDLC</b>	<b>ADS-C</b>	<b>Logon Address</b>	<b>Remarks</b>
(1) Atlantico FIR	O	O	SBAO	
(2) Cayenne FIR	O	O	SOOO	<p>ACFT coming from a FIR not equipped with ADS-/CPDLC (LOGON at the pilot's initiative)</p> <p>For flights entering Cayenne FIR from a FIR not equipped with ADS-C/CPDLC, the ATC will accept the 1st LOGON between 15 and 45 minutes before the entry to SOOO FIR (ICAO regulations).</p> <p>However, Cayenne ATC asks for an initial LOGON 30 minutes before estimated FIR boundary, at the earliest.</p>
(3) Isla de Pascua FIR	O	O	SCEZ	

*NOTE: O = Operational, T = Trial, N = Not available*

**SOUTH AMERICA**

<b>ROUTE IDENT</b>	<b>START ID-ICAO</b>	<b>END ID-ICAO</b>	<b>RESTRICTION</b>
UL216	SINEV-SV	AKPEP-SB	GNSS or IRU required
UL322	BUVIP-SB	ETATA-SY	GNSS or IRU required
UL322	ISOSU-SB	BUVIP-SB	Northbound/Southbound use the following route deviation: ELNOV then turn right on course at ARVUM, follow UM402 to MNS VOR, then follow on UL322
UL401	ESDIN-SP	VTN-SC	DLY: Winter 0000 - 0059. Summer 0000 - 2359
UL793	AKNOV-SB	LOGIR-SV	With destination to Maiquetia FIR from AKNOV reporting point; must use the following cruise levels: FL280, FL320, FL360 or FL400. From 07 Dec 2017, 0000UTC to 31 Dec 2019, 2359UTC
UL793	UGAGA-SB	SIMUR-SV	GNSS or IRU required
UL795	VUMPI-SB	LOGON-SV	GNSS or IRU required
UM409	VUMPI-SB	SIMUR-SV	GNSS or IRU required
UM417	VAGAN-SB	BOGIT-SV	GNSS or IRU required
UM423	KIKER-SV	ANBAG-SV	GNSS or IRU required
UM527	UMREM-SY	VUSKO-SY	GNSS or IRU required
UM656	BUVKA-SB	SINEV-SV	GNSS or IRU required
UM656	DIMUK-SB	LOGIR-SV	To Maiquetia FIR from DIMUK reporting point must use the following cruise levels: FL260, FL300, FL340, FL380 or FL430. From 07 Dec 2017, 0000 UTC to 31 Dec 2019, 2359 UTC
UP535	SIDAM-SV	PANIV-SV	GNSS or IRU required
UP549	TELUR-SV	SIDOS-SK	GNSS or IRU required
UW3	MEBRA-SA	DOZ-SA	Not available during SAR 111 activity. Alternate route: AWY UW44 MEBRA-NIRTA-DOZ
UW21	MIDEX-SE	GLV-SE	Flights between Galapagos (GLV) VOR and the mainland must report to San Cristobal Twr on 122.5
UW33	PAV-SE	GYV-SE	Temporary use route in case of contingency for volcanic ash
UW56	BONTA-SA	GEBOS-SA	Enroute: Comodoro Rivadavia ACC will provide air traffic control, flight, and alert information along W/UW-56
V551	ICO-SC	MON-SC	(ICO) VOR - (MON) VOR One-way Southbound Between FL150 - FL240

**SOUTH AMERICA**

<b>ROUTE IDENT</b>	<b>START ID-ICAO</b>	<b>END ID-ICAO</b>	<b>RESTRICTION</b>
W10	MORRO-SA	LAJAS-SA	LAJAS - MORRO Int: Overflight requires prior authorization from Villa Reynolds Tower
W15	LITOR-SA	SIBOL-SA	LITOR - SIBOL Int: Overflight requires prior authorization from Cordoba ACC when SA(D)-60 activated
W16	AKRAS-SA	ETEPO-SA	AKRAS - ETEPO Int: Overflight requires prior authorization from Cordoba ACC when SA(D)-60 activated
W22	EZE-SA	VALOS-SA	When Lobos VFR sector active, MEA FL50 authorized with prior permission only from BAIREs RADAR freq 124.9 125.3
W27	KOVUK-SA	ISTER-SA	KOVUK Int - Punta Indio VOR - ISTER Int: Overflight requires prior authorization from Ezeiza ACC when SA(R)-13 and SA(R)-38 activated
W33	PAV-SE	GYV-SE	Temporary use route in case of contingency for volcanic ash
W56	BONTA-SA	GEBOS-SA	Enroute: Comodoro Rivadavia ACC will provide air traffic control, flight, and alert information along W/UW-56
W59	GES-SA	TEDAR-SA	NOT AVBL 30 MAR - 01 DEC
W64	ABL-SK	MOMGA-SK	The segment route between (ABL) VOR - NEIRA CRP - ALBEL CPR can be used by aircraft with RNAV capacity



# Radio Aids



# Radio Aids

Radio Data - Latin America



**BELIZE**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Belize	BZE	114.3	V D U	N17 32.4 W088 18.8	W000	39
Belize City (Philip S W Goldson Intl)	IBZE	108.9	LOC	RWY 07	W001	

**COSTA RICA**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
El Coco (San Jose)	TIO	115.7	V D U W	N09 59.0 W084 14.2	W001	2810
Liberia	LIB	112.8	V D U W	N10 35.7 W085 32.8	E001	276
Limon	LIO	116.3	V D U	N09 57.8 W083 01.6	W001	20
Liberia (Daniel Oduber Quiros Intl)	IGUA	111.3	LOC	RWY 07	E001	
San Jose (Juan Santa-maria Intl)	IOCO	109.5	LOC	RWY 07	W002	

**EL SALVADOR**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
El Salvador (San Salvador)	CAT	117.5	V D U W	N13 26.5 W089 02.9	E001	115
Ilopango (San Salvador)	YSV	116.5	V D U W	N13 41.5 W089 07.0	E001	2016
San Salvador (El Salvador Intl, ST Oscar Romero y Galdamez)	ICUS	110.3	LOC	RWY 07	E000	

**GUATEMALA**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Iztapa	IZP	400.0	H	W	N13 56.0	W090 44.0	E005	
La Aurora (Guat. City)	AUR	114.9	V D U W		N14 34.3	W090 32.0	E001	4931
Mundo Maya	TIK	113.3	V D U W		N16 55.1	W089 52.6	E000	399
Poptun	POP	363.0	H	W	N16 19.5	W089 25.3	E003	1804
Puerto Barrios	BAR	347.0	H	W	N15 44.2	W088 35.7	E004	
Puerto Barrios	IOS	115.1	V D U W		N15 44.2	W088 35.3	E000	46
Quetzaltenango	XLA	313.0	H		N14 51.7	W091 30.4	E002	
Rabinal	RAB	116.1	V D U		N15 00.5	W090 28.2	E001	6367
Rubelsanto	RUB	260.0	H	W	N15 59.5	W090 26.9	E005	426
San Jose	SGA	425.0	H		N13 56.0	W090 51.7	E004	
San Jose (Puerto San Jose)	SJO	114.1	V D U W		N13 56.0	W090 49.9	E001	37
Flores (Mundo Maya)	IAMM	111.1	LOC		RWY 10		E000	
Guatemala City (La Aurora Intl)	IAAI	110.1	LOC		RWY 02		E001	

**HONDURAS**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Bonito	BTO	113.5	V D H W	N15 44.2 W086 51.9	W001	38
Coronel Enrique Soto Cano	ESC	114.9	V T L W	N14 23.5 W087 37.3	E002	2058
La Mesa (San Pedro Sula)	LMS	113.1	V D T	N15 28.2 W087 54.5	W000	94
Roatan	ROA	117.6	V D H W	N16 19.0 W086 31.3	W001	20
Toncontin (Tegucigalpa)	TNT	112.3	V D U	N14 01.7 W087 13.7	W000	4006
San Pedro Sula (Ramon Villeda Morales Intl)	IRVM	110.7	LOC	RWY 22	W000	

**MEXICO**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Acapulco	ACA	115.9	V D U	N16 45.5	W099 45.2	E005	40
Aguascalientes	AGU	113.6	V D U	N21 42.7	W102 19.1	E006	6073
Allende	ELQ	114.1	V D H	N26 57.9	W105 25.8	E007	5604
Apan	APN	114.8	V D U	N19 38.2	W098 23.9	E006	8428
Cabos (San Jose Del Cabo)	SJD	114.0	V D U W	N23 08.8	W109 43.3	E008	358
Campeche	CPE	116.2	V D U W	N19 49.9	W090 30.2	E002	50
Cancun	CUN	113.6	V D U	N21 01.5	W086 51.5	W002	41
Carmen (Ciudad Del Carmen)	CME	113.0	V D U	N18 39.6	W091 48.3	E003	28
Chetumal	CTM	116.3	V D U W	N18 30.6	W088 20.0	E001	56
Chihuahua	CUU	114.2	V D U W	N28 43.0	W105 57.5	E008	4303
Choix	CHX	214.0	H W	N26 43.0	W108 19.8	E010	
Ciudad Pemex	PPI	381.0	H	N17 57.0	W092 19.3	E005	
Colima	COL	117.7	V D U	N19 16.5	W103 34.7	E008	2411
Comitan (Copalar)	CMT	114.7	V D U	N16 10.7	W092 03.4	E004	5180
Concepcion(Concepcion Del Oro)	CDR	117.1	V D U	N24 09.6	W101 29.2	E007	6191
Cozumel	CZM	112.5	V D U	N20 30.4	W086 54.7	W002	31
Cuautla	CUA	116.3	V D U	N18 47.1	W098 54.0	E007	4380
Cuernavaca	CVJ	113.9	V D U	N18 49.5	W099 16.2	E006	4170
Cuernavaca	CVJ	402.0	H	N18 49.9	W099 15.6	E007	
Culiacan	CUL	112.2	V D U W	N24 45.9	W107 28.6	E008	108
Dos Bocas	PB1	392.0	H	N18 26.2	W093 11.4	E005	
Durango	DGO	112.9	V D U W	N24 08.3	W104 31.0	E007	6119
Ensenada	ENS	400.0	H	N31 47.8	W116 36.4	E013	
Escondido (Puerto Escondido)	PXM	112.5	V D U	N15 52.5	W097 04.9	E004	312
Guadalajara	GDL	117.3	V D U	N20 31.4	W103 18.7	E006	4977
Guaymas	GYM	112.1	V D H	N27 57.9	W110 55.7	E011	75
Hermosillo	HMO	112.8	V D H W	N29 05.7	W111 03.1	E009	643

**MEXICO**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Huatulco (Bahias De Huatulco)	HUX	113.2	V D L	N15 46.7	W096 15.7	E005	479
Ixtepec	IZT	112.2	V D U W	N16 27.8	W095 05.7	E004	96
Juarez (Ciudad Juarez)	CJS	116.7	V D U	N31 38.2	W106 25.6	E010	3901
Kaua	CZA	116.5	V D U	N20 38.6	W088 26.9	E001	118
La Paz	LAP	112.3	V D U	N24 05.1	W110 21.5	E010	97
Leon	BJX	115.8	V D U	N20 59.9	W101 29.0	E006	5906
Loreto	LTO	113.2	V D U W	N25 58.8	W111 21.0	E010	50
Lucas (Cabo San Lucas)	CSL	116.6	V D H	N22 56.8	W109 55.9	E008	656
Manzanillo	ZLO	116.9	V D U	N19 09.0	W104 34.3	E008	92
Matamoros	MAM	114.3	V D U W	N25 46.3	W097 31.4	E004	43
Mazatlan	MZT	114.9	V D U	N23 09.6	W106 16.3	E009	21
Merida	MID	117.7	V D U	N20 56.3	W089 39.4	W000	56
Mexicali	MXL	115.0	V D U	N32 37.9	W115 14.3	E013	90
Mexico	MEX	115.9	V D U	N19 26.3	W099 04.1	E006	7316
Minatitlan	MTT	116.4	V D U	N18 06.2	W094 34.9	E004	24
Mochis (Los Mochis)	LMM	115.5	V D U W	N25 41.0	W109 04.3	E010	32
Monclova	MOV	117.9	V D U	N26 57.3	W101 28.3	E007	1880
Monterrey	MTY	114.7	V D U	N25 46.4	W100 06.2	E005	1400
Morelia	MLM	114.6	V D U	N19 50.6	W101 02.2	E007	6100
Negro	GRN	382.0	H	N28 01.6	W114 01.3	E012	
Newla (Nuevo Laredo)	NLD	112.6	V D U W	N27 26.4	W099 33.9	E005	500
Nichupte	NCP	114.5	V D U	N21 02.3	W086 51.3	W002	41
Noria	TTM	114.4	V D U	N22 58.1	W099 46.4	E007	3625
Oaxaca	OAX	112.0	V D U	N16 58.3	W096 43.9	E004	5007
Obregon (Ciudad Obregon)	CEN	115.1	V D U W	N27 23.7	W109 50.2	E010	241
Pachuca	PCA	112.7	V D U W	N20 07.9	W098 41.1	E006	9665
Palenque	PQE	115.0	V D H	N17 32.2	W092 01.9	E004	206
Pasteje	PTJ	114.5	V D U	N19 38.7	W099 47.9	E007	8379

**MEXICO**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Penasco (Punta Penasco)	PPE	114.9	V D U	N31 22.0	W113 18.1	E012	36
Piedras	PNG	113.6	V D U	N28 37.9	W100 32.3	E007	919
Potosi (San Luis Potosi)	SLP	117.2	V D U	N22 15.4	W100 55.8	E005	6041
Poza Rica	PAZ	115.5	V D U W	N20 36.0	W097 27.3	E005	487
Puebla	PBC	115.2	V D U	N19 09.7	W098 22.2	E006	7378
Queretaro	QET	113.0	V D U W	N20 37.0	W100 11.6	E007	6463
Quintin (San Quintin)	SQN	113.3	V D U	N30 32.7	W115 57.3	E013	74
Reynosa	REX	112.4	V D U W	N26 00.6	W098 13.9	E008	137
Roberto (Monterrey)	ADN	115.4	V D U	N25 51.9	W100 14.3	E005	1493
Saltillo	SLW	116.1	V D U	N25 32.8	W100 55.8	E006	4633
San Mateo	SMO	112.1	V D U W	N19 33.3	W099 13.7	E006	8019
Santa Lucia	SLM	116.6	V D U	N19 44.6	W099 01.8	E006	7365
Tampico	TAM	117.5	V D U	N22 17.4	W097 51.8	E006	65
Tamuin	TMN	113.3	V D U W	N22 02.3	W098 48.5	E006	63
Tapachula	TAP	115.3	V D U W	N14 47.5	W092 22.5	E004	82
Tepexpan	TPX	359.0	H W	N19 36.7	W098 57.6	E007	7402
Tepic	TNY	113.9	V D U	N21 25.6	W104 50.2	E008	2964
Tequesquitengo	TEQ	113.1	V D U W	N18 40.6	W099 15.3	E007	3334
Teran	TGM	117.3	V D U	N16 44.4	W093 10.5	E002	
Tijuana	TIJ	116.5	V D H	N32 32.4	W116 57.2	E012	473
Toluca	TLC	114.3	V D U	N19 20.0	W099 33.7	E007	8456
Torreon	TRC	116.4	V D U	N25 33.8	W103 24.5	E008	3683
Tuxtla (Tuxtla Gutierrez)	TGZ	115.7	V D U W	N16 34.2	W093 01.8	E004	1503
Uruapan	UPN	114.2	V D U W	N19 23.7	W102 02.5	E007	5230
Vallarta (Puerto Vallarta)	PVR	116.5	V D U	N20 41.5	W105 14.4	E007	39
Veracruz	VER	114.0	V D U W	N19 08.6	W096 11.3	E004	40
Victoria (Ciudad Victoria)	CVM	113.7	V D U W	N23 42.3	W098 57.5	E006	722
Villahermosa	VSA	116.7	V D U W	N17 59.9	W092 49.1	E003	23
Zacatecas	ZCL	117.6	V D U	N22 53.2	W102 41.6	E008	7096
Zapopan	ZAP	113.4	V D U	N20 45.0	W103 27.9	E006	5350



**MEXICO**

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
Zihuatanejo (Zihuate- nejo)	ZIH	113.8	V D U	N17 36.2	W101 28.6	E006	28
Acapulco (Gen Juan N Alvarez Intl)	IAIA	111.9	LOC	RWY 10		E005	
	IACA	109.9	LOC	RWY 28		E005	
Cancun (Cancun Intl)	INCP	110.7	LOC	RWY 12L		W002	
	ICUN	111.1	LOC	RWY 12R		W002	
Chihuahua (Gen Div P A Roberto Fierro Villalobos Intl)	ICUU	111.9	LOC	RWY 36R		E008	
Guadalajara (Miguel Hidalgo Y Costilla Intl)	IAIG	110.1	LOC	RWY 10		E006	
	GD	395.0	LOM	N20 28.1	W103 10.5	E006	
	IGDL	111.3	LOC	RWY 28		E006	
La Paz (Gen Manuel Marquez De Leon)	ILAP	110.5	LOC	RWY 18		E010	
Mazatlan (Gen Rafael Buelna Intl)	IMZT	111.7	LOC	RWY 26		E009	
Merida (Merida Intl)	IMID	111.7	LOC	RWY 10		W000	
			OM	N20 57.1	W089 43.6		
Mexico City (Benito Juarez Intl)	IMWX	109.1	LOC	RWY 05R		E006	
	IMEX	109.7	LOC	RWY 23L		E006	
Monterrey (Del Norte Intl)	IADN	110.7	LOC	RWY 20		E005	
Monterrey (Gen Mariano Escobedo Intl)	IMTY	111.1	LOC	RWY 29		E005	
Nuevo Laredo (Quetzal- coatl Intl)	INLD	109.1	LOC	RWY 14		E005	
Reynosa (Gen Lucio Blanco Intl)	IREX	110.5	LOC	RWY 31		E008	
Saltillo (Plan De Guada- lupe Intl)	ISLW	110.1	LOC	RWY 17		E006	

**MEXICO**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
San Luis Potosi (Ponciano Arriaga Intl)	ISLP	111.5	LOC	RWY 14	E005	
Tampico (Gen Francisco Javier Mina Intl)	ITAM	109.3	LOC	RWY 13	E006	
Tijuana (Gen Abelardo L Rodriguez Intl)	ITIJ	111.5	LOC	RWY 09	E012	
Toluca (Lic Adolfo Lopez Mateos Intl)	ITLC	109.5	LOC	RWY 15	E007	
Tuxtla Gutierrez (Angel Albino Corzo)	ITGZ	109.7	LOC	RWY 32	E004	
Villahermosa (C P A Carlos Rovirosa Intl)	IVSA	110.5	LOC	RWY 08	E003	

**NICARAGUA**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Bluefields	BLU	116.7	V D H	N11 59.7 W083 46.4	W001	33
Corn Island	CIS	114.4	D H	N12 10.5 W083 03.5		45
Corn Island	CIS	357.0	H H	N12 10.5 W083 03.5	W002	45
Managua	MGA	112.1	V D H	N12 08.4 W086 10.5	W000	40
Puerto Cabezas	PZA	112.9	V D H	N14 02.7 W083 23.3	W000	18
Managua (Augusto Cesar Sandino Intl)	IMGA	109.1	LOC	RWY 10	W001	

**PANAMA**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Bocas Del Toro	BDT	114.9	V D U	N09 20.3 W082 15.1	W001	10
Chitre	CHE	440.0	H W	N07 58.9 W080 24.6	W002	
David	DAV	114.3	V D U	N08 23.1 W082 26.3	W002	59
France	FNC	109.0	V D U	N09 21.4 W079 52.2	W004	56
La Palma	PML	113.1	V D U	N08 24.4 W078 08.3	W005	224
Rio Hato	RHT	116.5	V D U	N08 22.5 W080 07.6	W003	104
Santiago	STG	114.5	V D H	N08 05.3 W080 56.4	W002	381
Taboga Island	TBG	110.0	V D U	N08 47.3 W079 33.7	W004	1045
Tocumen	TUM	117.1	V D U	N09 03.1 W079 24.0	W004	52
Balboa (Panama Pacifico)	HOW L	110.9	LOC	RWY 36	E001	
Panama City (Tocumen Intl)	INAT	110.7	LOC	RWY 03R	W004	
Rio Hato (Cap Scarlett R Martinez L Intl)	IASM	110.3	LOC	RWY 35	W003	

**NAVIGATION AIDS LISTED BY IDENTIFIER - LATIN AMERICA**

(See end of listing for Localizers)

**A**

ABA Aruba, Aruba  
 ACA Acapulco, Mexico  
 ADN Roberto (Monterrey), Mexico  
 AGU Aguascalientes, Mexico  
 ANU V.C. Bird (Saint Johns), Antigua  
 APN Apan, Mexico  
 AUR La Aurora (Guat. City), Guatemala

**B**

BAR Puerto Barrios, Guatemala  
 BDA Bermuda, Bermuda  
 BDT Bocas Del Toro, Panama  
 BEA Beatrix (Aruba), Aruba  
 BGI Adams (Bridgetown), Barbados  
 BHF Islands (Freeport), Bahamas  
 BHO Barahona, Dom Rep  
 BJX Leon, Mexico  
 BLU Bluefields, Nicaragua  
 BNE Hewanorra (Saint Lucia), St Lucia  
 BQN Borinquen, Puerto Rico  
 BTO Bonito, Honduras  
 BZE Belize, Belize

**C**

CAI Canouan (St. Vincent), St Vincent  
 CAT El Salvador (San Salvador), El Salvador  
 CDO Punta Caucedo (Santo Domingo), Dom Rep  
 CDR Concepcion(Concepcion Del Oro), Mexico  
 CEN Obregon (Ciudad Obregon), Mexico

CHE Chitre, Panama  
 CHX Choix, Mexico  
 CIS Corn Island, Nicaragua  
 CJS Juarez (Ciudad Juarez), Mexico  
 CME Carmen (Ciudad Del Carmen), Mexico  
 CMT Comitan (Copalar), Mexico  
 COL Colima, Mexico  
 COY Saint Croix, Virgin Islands  
 CPE Campeche, Mexico  
 CSL Lucas (Cabo San Lucas), Mexico  
 CTM Chetumal, Mexico  
 CUA Cuautla, Mexico  
 CUL Culiacan, Mexico  
 CUN Cancun, Mexico  
 CUU Chihuahua, Mexico  
 CVJ Cuernavaca, Mexico  
 CVM Victoria (Ciudad Victoria), Mexico  
 CZA Kaua, Mexico  
 CZM Cozumel, Mexico

**D**

DAV David, Panama  
 DCR Cabo Rojo, Dom Rep  
 DCY El Catey (Samana), Dom Rep  
 DDP Dorado (San Juan), Puerto Rico  
 DGO Durango, Mexico  
 DHG Higuero, Dom Rep  
 DOM Douglas Charles, Dominica

**E**

ELQ Allende, Mexico

**NAVIGATION AIDS LISTED BY IDENTIFIER - LATIN AMERICA**

(See end of listing for Localizers)

ENS	Ensenada, Mexico	IAIG	Miguel Hidalgo Y Costilla Intl (Guadalajara), Mexico
ESC	Coronel Enrique Soto Cano, Honduras	IAMM	Mundo Maya (Flores), Guatemala
<b>F</b>		IASM	Cap Scarlett R Martinez L Intl (Cap Scarlet R Martinez L Intl), Panama
FF	Aime Cesaire (Martinique), Martinique	IBDA	L F Wade Intl (Bermuda Is), Bermuda
FNC	France, Panama	IBZE	Philip S W Goldson Intl (Belize City), Belize
FOF	Martinique, Martinique	ICDO	Las Americas Intl (Santo Domingo), Dom Rep
<b>G</b>		ICJ	Jardines del Rey Intl (Cayo Coco), Cuba
GCM	Grand Cayman, Cayman Is	ICLA	Luis Munoz Marin Intl (San Juan), Puerto Rico
GD	Miguel Hidalgo Y Costilla Intl (Guadalajara), Mexico	ICU	Antonio Maceo Intl (Santiago De Cuba), Cuba
GDL	Guadalajara, Mexico	ICUN	Cancun Intl (Cancun), Mexico
GND	Maurice Bishop(Saint George's), Grenada	ICUS	El Salvador Intl, ST Oscar Rom (San Salvador), El Salvador
GRN	Negro, Mexico	ICUU	Gen Div P A Roberto Fierro Vil (Chihuahua), Mexico
GT	Grand Turk, Turks Is	IDST	Cibao Intl (Santiago), Dom Rep
GTK	Grand Turk, Turks Is	IGDL	Miguel Hidalgo Y Costilla Intl (Guadalajara), Mexico
GYM	Guaymas, Mexico	IGUA	Daniel Oduber Quiros Intl (Liberia), Costa Rica
<b>H</b>		IHA	Jose Marti Intl (Havana), Cuba
HCN	Cap Haitien, Haiti	ILAP	Gen Manuel Marquez De Leon (La Paz), Mexico
HIJ	San Isidro, Dom Rep	IMEX	Benito Juarez Intl (Mexico City), Mexico
HMO	Hermosillo, Mexico	IMG	Toussaint Louverture Intl (Toussaint Louverture), Haiti
HUX	Huatulco (Bahias De Huatulco), Mexico	IMGA	Augusto Cesar Sandino Intl (Managua), Nicaragua
<b>I</b>			
IAAI	La Aurora Intl (Guatemala City), Guatemala		
IACA	Gen Juan N Alvarez Intl (Acapulco), Mexico		
IADN	Del Norte Intl (Monterrey), Mexico		
IAIA	Gen Juan N Alvarez Intl (Acapulco), Mexico		

**NAVIGATION AIDS LISTED BY IDENTIFIER - LATIN AMERICA**

(See end of listing for Localizers)

IMID	Merida Intl (Merida), Mexico	ITMN	King (St Thomas I/Charlotte Amalie), Virgin Islands
IMTY	Gen Mariano Escobedo Intl (Monterrey), Mexico	IVR	Juan G. Gomez Intl (Varadero), Cuba
IMWX	Benito Juarez Intl (Mexico City), Mexico	IVSA	C P A Carlos Rovirosa Intl (Villahermosa), Mexico
IMZT	Gen Rafael Buelna Intl (Mazatlan), Mexico	IZP	Iztapa, Guatemala
INAT	Tocumen Intl (Panama City), Panama	IZQA	Lynden Pindling Intl (Nassau), Bahamas
INCP	Cancun Intl (Cancun), Mexico	IZT	Ixtepec, Mexico
INLD	Quetzalcoatl Intl (Nuevo Laredo), Mexico		
IOCO	Juan Santamaria Intl (San Jose), Costa Rica	<b>J</b>	
IOS	Puerto Barrios, Guatemala	J	San Julian, Cuba
IPOS	Piarco Intl (Port Of Spain), Trinidad	<b>L</b>	
IREX	Gen Lucio Blanco Intl (Reynosa), Mexico	L	La Coloma, Cuba
IRVM	Ramon Villeda Morales Intl (San Pedro Sula), Honduras	LAP	La Paz, Mexico
ISIA	Sangster Intl (ISIA), Jamaica	LAS	Guerra, Dom Rep
ISIS	San Isidro AB (San Isidro), Dom Rep	LIB	Liberia, Costa Rica
ISLP	Ponciano Arriaga Intl (San Luis Potosi), Mexico	LIO	Limon, Costa Rica
ISLW	Plan De Guadalupe Intl (Saltillo), Mexico	LMM	Mochis (Los Mochis), Mexico
ITAB	Robinson Intl (Scarborough), Trinidad	LMS	La Mesa (San Pedro Sula), Honduras
ITAM	Gen Francisco Javier Mina Intl (Tampico), Mexico	LRN	La Romana, Dom Rep
ITGZ	Angel Albino Corzo (Tuxtla Gutierrez), Mexico	LTO	Loreto, Mexico
ITIJ	Gen Abelardo L Rodriguez Intl (Tijuana), Mexico	<b>M</b>	
ITLC	Lic Adolfo Lopez Mateos Intl (Toluca), Mexico	MAM	Matamoros, Mexico
		MAZ	Mayaguez, Puerto Rico
		MEX	Mexico, Mexico
		MG	Marie Galante (Grand Bourg), Guadeloupe
		MGA	Managua, Nicaragua
		MID	Merida, Mexico
		MLM	Morelia, Mexico

## NAVIGATION AIDS LISTED BY IDENTIFIER - LATIN AMERICA

(See end of listing for Localizers)

MLY Manley (Kingston), Jamaica

MOV Monclova, Mexico

MTT Minatitlan, Mexico

MTY Monterrey, Mexico

MXL Mexicali, Mexico

MZT Mazatlan, Mexico

**N**

NBW Navy Guantanamo Bay, Cuba

NCP Nichupte, Mexico

NLD Newla (Nuevo Laredo), Mexico

**O**

OAX Oaxaca, Mexico

**P**

PAP Port Au Prince, Haiti

PAZ Poza Rica, Mexico

PB1 Dos Bocas, Mexico

PBC Puebla, Mexico

PCA Pachuca, Mexico

PJB Bonaire, Neth Antilles

PJD Saint Maarten, Neth Antilles

PJG Curacao, Neth Antilles

PML La Palma, Panama

PNA Punta Cana (HIGUEY), Dom Rep

PNG Piedras, Mexico

POP Poptun, Guatemala

POS Piarco (Port Of Spain), Trinidad

PP Le Raizet (Pointe-A-Pitre), Guadeloupe

PPE Penasco (Punta Penasco), Mexico

PPI Ciudad Pemex, Mexico

PPR Pointe A Pitre, Guadeloupe

PQE Palenque, Mexico

PSE Ponce, Puerto Rico

PTA Puerto Plata, Dom Rep

PTJ Pasteje, Mexico

PTP Pointe A Pitre, Guadeloupe

PV Providenciales, Caicos Is

PVN Providenciales, Caicos Is

PVR Vallarta (Puerto Vallarta), Mexico

PXM Escondido (Puerto Escondido), Mexico

PZA Puerto Cabezas, Nicaragua

**Q**

QET Queretaro, Mexico

**R**

RAB Rabinal, Guatemala

REX Reynosa, Mexico

RHT Rio Hato, Panama

ROA Roatan, Honduras

RUB Rubelsanto, Guatemala

**S**

SC South Caicos, Caicos Is

SGA San Jose, Guatemala

SGO Santiago, Dom Rep

SIA Sangster, Jamaica

SIS San Isidro, Dom Rep

SJ Luis Munoz Marin Intl (San Juan), Puerto Rico

SJD Cabos (San Jose Del Cabo), Mexico

SJO San Jose (Puerto San Jose), Guatemala



**NAVIGATION AIDS LISTED BY IDENTIFIER - LATIN AMERICA**

(See end of listing for Localizers)

SJU San Juan, Puerto Rico  
 SKB Robert L Bradshaw (St Kitts), St Kitts  
 SLM Santa Lucia, Mexico  
 SLP Potosi (San Luis Potosi), Mexico  
 SLU George Charles (St. Lucia), St Lucia  
 SLW Saltillo, Mexico  
 SMO San Mateo, Mexico  
 SPP San Andres, San Andres  
 SQN Quintin (San Quintin), Mexico  
 ST Henry E Rohlsen (Christiansted), Virgin Islands  
 STG Santiago, Panama  
 STT Saint Thomas, Virgin Islands  
 SV St Vincent (Saint Vincent I), St Vincent

**T**

TAB Robinson (Scarborough), Trinidad  
 TAM Tampico, Mexico  
 TAP Tapachula, Mexico  
 TBG Taboga Island, Panama  
 TEQ Tequesquitengo, Mexico  
 TGM Teran, Mexico  
 TGZ Tuxtla (Tuxtla Gutierrez), Mexico  
 TIJ Tijuana, Mexico  
 TIK Mundo Maya, Guatemala  
 TIO El Coco (San Jose), Costa Rica  
 TLC Toluca, Mexico  
 TMN Tamuin, Mexico  
 TNT Toncontin (Tegucigalpa), Honduras  
 TNY Tepic, Mexico  
 TPX Tepexpan, Mexico  
 TRC Torreon, Mexico

TRI Piarco (Port Of Spain), Trinidad  
 TTM Noria, Mexico  
 TUM Tocumen, Panama

**U**

UBA Baracoa, Cuba  
 UBP Playa Baracoa (Havana), Cuba  
 UBR Las Brujas, Cuba  
 UBY Bayamo, Cuba  
 UCA Ciego De Avila, Cuba  
 UCF Cienfuegos, Cuba  
 UCJ Jardines Del Rey (Cayo Coco), Cuba  
 UCL Cayo Largo Del Sur, Cuba  
 UCM Camaguey, Cuba  
 UCU Santiago De Cuba, Cuba  
 UCY Cayabo (Cayajabo), Cuba  
 UGT Guantanamo, Cuba  
 UHA Havana, Cuba  
 UHG Holguin, Cuba  
 ULM La Coloma, Cuba  
 ULV Abel Santamaria Intl (Santa Clara), Cuba  
 UMO MOA, Cuba  
 UMZ Manzanillo, Cuba  
 UNG Gerona, Cuba  
 UNG Gerona (Nueva Gerona), Cuba  
 UNV Nuevas, Cuba  
 UOC Cayo Coco, Cuba  
 UPA Alegre, Cuba  
 UPB Playa Baracoa (Havana), Cuba  
 UPN Uruapan, Mexico  
 USJ San Julian, Cuba

**NAVIGATION AIDS LISTED BY IDENTIFIER - LATIN AMERICA**

(See end of listing for Localizers)

USR Simones, Cuba

UTD Trinidad, Cuba

UVA Varder, Cuba

UVC Santa Clara, Cuba

UVR Varder, Cuba

UZG Zarago, Cuba

**V**

VER Veracruz, Mexico

VSA Villahermosa, Mexico

**X**

XLA Quetzaltenango, Guatemala

**Y**

YSV Ilopango (San Salvador), El Salvador

**Z**

ZAP Zapopan, Mexico

ZBV Bimini, Bahamas

ZCC Chub Bay, Bahamas

ZCL Zacatecas, Mexico

ZDX V.C. Bird (Saint Johns), Antigua

ZFP Freeport, Bahamas

ZIH Zihuatanejo (Zihuatenejo), Mexico

ZIN Great Inagua I, Bahamas

ZLO Manzanillo, Mexico

ZLS Stella Maris, Bahamas

ZMH Marsh Harbour (Abaco I.), Bahamas

ZQA Nassau, Bahamas

ZSJ San Salvador, Bahamas

ZWC Walker Cay, Bahamas

ZWE West End (Grand Bahama I), Bahamas

**LOCALIZERS LISTED BY IDENTIFIER**
**F**

FF Martinique (Aime Cesaire), Martinique

**H**

HOWL Balboa (Panama Pacifico), Panama

**I**

IAAI Guatemala City (La Aurora Intl), Guatemala

IACA Acapulco (Gen Juan N Alvarez Intl), Mexico

IADN Monterrey (Del Norte Intl), Mexico

IAIA Acapulco (Gen Juan N Alvarez Intl), Mexico

IAIG Guadalajara (Miguel Hidalgo Y Costilla Intl), Mexico

IAMM Flores (Mundo Maya), Guatemala

IASM Rio Hato (Cap Scarlett R Martinez L Intl), Panama

IBDA Bermuda Is (L F Wade Intl), Bermuda

IBE Aruba Island (Reina Beatrix Intl), Aruba

IBGI Bridgetown (Grantley Adams Intl), Barbados

IBZE Belize City (Philip S W Goldson Intl), Belize

ICDO Santo Domingo (Las Americas Intl), Dom Rep

ICJ Cayo Coco (Jardines del Rey Intl), Cuba

ICLA San Juan (Luis Munoz Marin Intl), Puerto Rico

ICU Santiago De Cuba (Antonio Maceo Intl), Cuba

ICUN Cancun (Cancun Intl), Mexico

**NAVIGATION AIDS LISTED BY IDENTIFIER - LATIN AMERICA**

(See end of listing for Localizers)

ICUS	San Salvador (El Salvador Intl, ST Oscar Romero y Galdamez), El Salvador	IREX	Reynosa (Gen Lucio Blanco Intl), Mexico
ICUU	Chihuahua (Gen Div P A Roberto Fierro Villalobos Intl), Mexico	IRVM	San Pedro Sula (Ramon Villeda Morales Intl), Honduras
IDST	Santiago (Cibao Intl), Dom Rep	ISIA	Montego Bay (Sangster Intl), Jamaica
IGDL	Guadalajara (Miguel Hidalgo Y Costilla Intl), Mexico	ISIS	San Isidro (San Isidro AB), Dom Rep
IGUA	Liberia (Daniel Oduber Quiros Intl), Costa Rica	ISLP	San Luis Potosi (Ponciano Arriaga Intl), Mexico
IHA	Havana (Jose Marti Intl), Cuba	ISLW	Saltillo (Plan De Guadalupe Intl), Mexico
IHG	Holguin (Frank Pais Intl), Cuba	ISTX	St Croix I (Henry E Rohlsen), Virgin Islands
ILAP	La Paz (Gen Manuel Marquez De Leon), Mexico	ITAB	Scarborough (Robinson Intl), Tobago Is
IMEX	Mexico City (Benito Juarez Intl), Mexico	ITAM	Tampico (Gen Francisco Javier Mina Intl), Mexico
IMG	Port-Au-Prince (Toussaint Louverture Intl), Haiti	ITGZ	Tuxtla Gutierrez (Angel Albino Corzo), Mexico
IMGA	Managua (Augusto Cesar Sandino Intl), Nicaragua	ITIJ	Tijuana (Gen Abelardo L Rodriguez Intl), Mexico
IMID	Merida (Merida Intl), Mexico	ITLC	Toluca (Lic Adolfo Lopez Mateos Intl), Mexico
IMLY	Kingston (Norman Manley Intl), Jamaica	ITMN	St Thomas I/Charlotte Amalie (King), Virgin Islands
IMTY	Monterrey (Gen Mariano Escobedo Intl), Mexico	IVR	Varadero (Juan G. Gomez Intl), Cuba
IMWX	Mexico City (Benito Juarez Intl), Mexico	IVSA	Villahermosa (C P A Carlos Rovirosa Intl), Mexico
IMZT	Mazatlan (Gen Rafael Buelna Intl), Mexico	IZFP	Freeport (Grand Bahama Intl), Bahamas
INAT	Panama City (Tocumen Intl), Panama	IZQA	Nassau (Lynden Pindling Intl), Bahamas
INCP	Cancun (Cancun Intl), Mexico		
INLD	Nuevo Laredo (Quetzalcoatl Intl), Mexico		
IOCO	San Jose (Juan Santamaria Intl), Costa Rica		
IPOS	Port Of Spain (Piarco Intl), Trinidad		

**P**

PP Pointe-A-Pitre (Le Raizet), Guadeloupe

## LATIN AMERICA LATIN AMERICA VOR RECEIVER CHECK SIGNALS

### INTRODUCTION

Federal Aviation Regulations (FAR 91.171) provide for certain VOR equipment accuracy checks prior to flight under instrument flight rules (IFR). To comply with this requirement and to ensure satisfactory operation of the airborne system, the FAA has provided pilots with the following means of checking VOR receiver accuracy:

- a. VOT or a radiated test signal from an appropriately rated radio repair station.
- b. Certified airborne check points.
- c. Certified check points on the airport surface.

The FAA VOR test facility (VOT) transmits a test signal which provides users a convenient means to determine the operational status and accuracy of a VOR receiver while on the ground where a VOT is located. The airborne use of VOT is permitted; however, its use is strictly limited to specifically authorized areas/altitudes.

To use the VOT service, tune in the VOT frequency on your VOR receiver. With the Course Deviation Indicator (CDI) centered, the omni-bearing selector should read 0 degrees with the to/from indication showing "from" or the omni-bearing selector should read 180 degrees with the to/from indication showing "to." Should the VOR receiver operate an RMI (Radio Magnetic Indicator), it will indicate 180 degrees on any OBS setting. Two means of identification are used. One is a series of dots and the other is a continuous tone. Information concerning an individual test signal can be obtained from the local FSS.

Airborne and ground check points consist of certified radials that should be received at specific points on the airport surface or over specific landmarks while airborne in the immediate vicinity of the airport.

- a. Should an error in excess of +/- 4 degrees be indicated through use of a ground check, or +/- 6 degrees using the airborne check, IFR flight shall not be attempted without first correcting the source of the error.

***CAUTION: No correction other than the correction card figures supplied by the manufacturer should be applied in making these VOR receiver checks.***

- b. If a dual system VOR (units independent of each other except for the antenna) is installed in the aircraft one system may be checked against the other. Turn both systems to the same VOR ground facility and note the indicated bearing to that station. The maximum permissible variations between the two indicated bearings is 4 degrees.

### EXPLANATION OF LISTINGS

VORs are listed by their facility name. When followed by an airport name (in parentheses) there is a Ground (G) check point on the airport or an Airborne (A) check point on or near that airport.

VOTs are listed by the city name of the airport they serve, followed by the airport name in parentheses.

The following information is provided:

- Type of check, Ground (G) or Airborne (A).

**LATIN AMERICA**  
**LATIN AMERICA VOR RECEIVER CHECK SIGNALS**

- For VOR check points – VOR frequency and identifier. Bearing in degrees magnetic outbound from the VOR; location of the check point (distances are in nautical miles); altitude (in feet MSL).
- For VOTs – Frequency. When VOT can be used for an Airborne (A) check point the appropriate distances and altitudes are included. Additionally, areas where a VOT cannot be received are identified.

**PUERTO RICO AND VIRGIN ISLANDS**

**PUERTO RICO**

Borinquen (Rafael Hernandez)	<b>G</b> 113.5 BQN	271°; 2.2 NM on apch end of rwy 08.
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**VIRGIN ISLANDS**

Saint Thomas (Cyril E. King)	<b>G</b> 108.6 STT	118°; 3.5 NM on txwy North of main ramp. VOR gnd checkpoint unusable.
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# Radio Aids

Radio Data - Caribbean

**ARUBA**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Aruba	ABA	112.5	V D U	N12 30.3	W069 56.6	W010	647
Beatrix (Aruba)	BEA	113.8	V D U	N12 30.1	W070 01.2	W011	98
Aruba Island (Reina Beatrix Intl)	IBE	108.7	LOC	RWY 11		W011	

**BAHAMAS**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Bimini	ZBV	116.7	V T H	N25 42.3	W079 17.7	W004	49
Chub Bay	ZCC	302.0	H	N25 25.0	W077 53.1	W004	5
Freeport	ZFP	113.2	V D H	N26 33.3	W078 41.9	W003	38
Great Inagua I	ZIN	376.0	H W	N20 57.6	W073 40.7	W009	
Islands (Freeport)	BHF	326.0	H M W	N26 34.4	W078 39.8	W005	61
Marsh Harbour (Abaco I.)	ZMH	361.0	H W	N26 30.7	W077 04.6	W005	
Nassau	ZQA	112.7	V D U	N25 01.5	W077 26.8	W006	38
San Salvador	ZSJ	281.0	H M W	N24 03.7	W074 32.1	W009	59
Stella Maris	ZLS	526.0	H W	N23 34.9	W075 15.9	W009	
Walker Cay	ZWC	280.0	H W	N27 15.1	W078 24.0	W005	
West End (Grand Bahama I)	ZWE	317.0	H W	N26 41.3	W078 58.7	W005	
Freeport (Grand Bahama Intl)	ZFP	209.0	LOM	N26 31.1	W078 46.5	W005	
	IZFP	109.7	LOC	RWY 06		W007	
Nassau (Lynden Pindling Intl)	IZQA	110.1	LOC	RWY 14		W008	



**BARBADOS**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Adams (Bridgetown)	BGI	112.7	V D U W	N13 04.5 W059 29.0	W015	194
Bridgetown (Grantley Adams Intl)	IBGI	110.1	LOC	RWY 09	W015	

**BERMUDA**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Bermuda	BDA	113.9	V D H	N32 21.9 W064 41.4	W015	53
Bermuda Is (L F Wade Intl)	IBDA	109.9	LOC	RWY 30	W015	

**CAYMAN IS**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Grand Cayman	GCM	115.6	V D U W	N19 17.4 W081 22.3	W004	7

## CUBA

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Alegre	UPA	382.0	H	W	N22 22.4	W078 46.4	W003	
Baracoa	UBA	278.0	H	W	N20 21.4	W074 30.3	W008	26
Bayamo	UBY	268.0	H	W	N20 23.6	W076 37.2	W008	203
Camaguey	UCM	114.1	V D U	W	N21 26.2	W077 48.1	W007	492
Cayabo (Cayajabo)	UCY	380.0	H	W	N22 51.5	W082 51.2	W001	
Cayo Coco	UOC	310.0	H	M W	N22 30.9	W078 30.7	W005	13
Cayo Largo Del Sur	UCL	112.1	V D U		N21 36.3	W081 32.0	W005	98
Ciego De Avila	UCA	117.4	V D U		N22 00.9	W078 48.9	W007	394
Cienfuegos	UCF	112.3	V D U		N22 09.3	W080 24.4	W006	197
Gerona	UNG	115.3	V D H		N21 50.1	W082 46.9	W005	98
Gerona (Nueva Gerona)	UNG	412.0	H	H	N21 45.4	W082 52.7	W005	
Guantanamo	UGT	300.0	H	W	N20 04.7	W075 09.5	W008	56
Havana	UHA	116.1	V D U	W	N22 58.7	W082 25.6	W005	197
Holguin	UHG	116.8	V D U		N20 47.9	W076 18.2	W008	394
Jardines Del Rey (Cayo Coco)	UCJ	117.8	V D U		N22 28.0	W078 18.7	W007	98
La Coloma	L	322.0	H		N22 19.8	W083 39.3	W002	98
La Coloma	ULM	465.0	H	L	N22 19.3	W083 41.4	W001	
Las Brujas	UBR	315.0	H		N22 37.2	W079 08.7	W007	
MOA	UMO	212.0	H	W	N20 38.9	W074 55.8	W008	16
Manzanillo	UMZ	116.0	V D U		N20 18.2	W077 06.0	W008	295
Navy Guantanamo Bay	NBW	114.6	V T H	N	N19 54.3	W075 11.9	W008	47
Nuevas	UNV	116.3	V	U	N21 23.7	W077 13.9	W008	
Playa Baracoa (Havana)	UBP	250.0	H		N23 01.4	W082 34.8	W005	
Playa Baracoa (Havana)	UPB	109.2	V	U	N23 01.4	W082 34.9	W005	
San Julian	J	353.0	H	L	N22 05.1	W084 10.9	E000	
San Julian	USJ	402.0	H	W	N22 05.2	W084 12.9	E000	
Santa Clara	ULV	287.0	H	M W	N22 29.2	W079 58.0	W006	
Santa Clara	UVC	117.2	V D U		N22 29.2	W079 57.6	W006	394
Santiago De Cuba	UCU	113.3	V D U		N19 58.7	W075 49.4	W008	197
Simones	USR	315.0	H	W	N21 44.8	W078 48.7	W003	

**CUBA**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Trinidad	UTD	300.0	H	N21 47.4 W079 59.5	W006	98
Varder	UVA	114.8	V D U W	N23 01.5 W081 27.2	W005	295
Varder	UVR	272.0	H W	N23 05.4 W081 22.0	W002	
Zarago	UZG	283.0	H W	N22 56.1 W082 02.3	W001	
Cayo Coco (Jardines del Rey Intl)	ICJ	108.9	LOC	RWY 08	W007	
Havana (Jose Marti Intl)	IHA	110.5	LOC	RWY 06	W005	
Holguin (Frank Pais Intl)	IHG	111.3	LOC	RWY 05	W008	
			OM	N20 43.8 W076 22.6		
Santiago De Cuba (Antonio Maceo Intl)	ICU	110.7	LOC	RWY 10	W008	
Varadero (Juan G. Gomez Intl)	IVR	111.3	LOC	RWY 06	W005	

**DOM REP**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Barahona	BHO	112.0	V D U	N18 15.3	W071 07.8	W010	10
Cabo Rojo	DCR	114.3	V D U W	N17 55.9	W071 38.9	W007	10
El Catey (Samana)	DCY	115.8	V D U	N19 16.2	W069 44.4	W011	28
Guerra	LAS	200.0	H W	N18 34.7	W069 43.5	W011	
Higuero	DHG	116.6	V D L	N18 34.3	W069 59.0	W011	69
La Romana	LRN	116.2	V D U	N18 27.2	W068 54.7	W012	259
Puerto Plata	PTA	115.1	V D U W	N19 45.6	W070 34.2	W011	38
Punta Cana (HIGUEY)	PNA	112.7	V D T	N18 34.0	W068 23.0	W012	36
Punta Caucedo (Santo Domingo)	CDO	114.7	V D U	N18 26.0	W069 40.0	W011	69
San Isidro	HIJ	220.0	H W	N18 30.9	W069 46.0	W011	
San Isidro	SIS	112.4	V D U	N18 30.2	W069 46.0	W011	135
Santiago	SGO	114.9	V D T	N19 24.4	W070 36.2	W011	580
San Isidro (San Isidro AB)	ISIS	109.1	LOC	RWY 21		W011	
Santiago (Cibao Intl)	IDST	109.3	LOC	RWY 11		W011	
Santo Domingo (Las Americas Intl)	ICDO	108.9	LOC	RWY 17		W011	

## E. CARIBBEAN STATES

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
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## ANTIGUA

V.C. Bird (Saint Johns)	ANU	114.5	V D U A	N17 07.6	W061 48.0	W015	400
V.C. Bird (Saint Johns)	ZDX	369.0	H W	N17 09.4	W061 47.7	W015	

## DOMINICA

Douglas Charles	DOM	273.0	H	N15 33.1	W061 17.7	W015	
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## GRENADA

Maurice Bishop(Saint George's)	GND	117.1	V D U	N12 00.1	W061 47.1	W014	82
Maurice Bishop(Saint George's)	GND	362.0	H	N12 00.5	W061 46.8	W014	

## ST KITTS

Robert L Bradshaw (St Kitts)	SKB	112.0	D U	N17 18.4	W062 43.7		1
Robert L Bradshaw (St Kitts)	SKB	325.0	H W	N17 17.7	W062 44.6	W014	

## ST LUCIA

George Charles (St. Lucia)	SLU	415.0	H W	N14 00.8	W061 00.4	W013	
Hewanorra (Saint Lucia)	BNE	112.4	V D U W	N13 44.0	W060 58.6	W015	11
Hewanorra (Saint Lucia)	BNE	305.0	H W	N13 44.0	W060 58.6	W015	

## ST VINCENT

Canouan (St. Vincent)	CAI	111.4	D H	N12 41.8	W061 20.4		98
Canouan (St. Vincent)	CAI	302.0	H	N12 41.8	W061 20.4	W015	
St Vincent (Saint Vincent I)	SV	108.4	D U	N13 08.4	W061 13.6		197
St Vincent (Saint Vincent I)	SV	403.0	H W	N13 08.4	W061 13.6	W015	66

## TOBAGO IS

**E. CARIBBEAN STATES**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Scarborough (Robinson Intl)	ITAB	109.3	LOC	RWY 11	W015	

**TRINIDAD**

Piarco (Port Of Spain)	POS	116.9	V D U	N10 28.0 W061 23.5	W015	89
Piarco (Port Of Spain)	TRI	382.0	H M W	N10 35.7 W061 25.3	W014	
Robinson (Scarborough)	TAB	323.0	H W	N11 08.8 W060 50.0	W015	61
Port Of Spain (Piarco Intl)	IPOS	109.7	LOC	RWY 10	W014	



**FRENCH ANTILLES**

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
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**GUADELOUPE**

Marie Galante (Grand Bourg)	MG	376.0	H	W	N15 52.2	W061 16.3	W012
Pointe A Pitre	PPR	112.9	V D U W		N16 15.9	W061 32.4	W015 44
Pointe A Pitre	PTP	385.0	H		N16 17.0	W061 37.9	W015 36

Pointe-A-Pitre (Le Raizet)	PP	110.3	LOC		RWY 12		W015
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**MARTINIQUE**

Martinique	FOF	113.3	V D U W		N14 35.4	W061 01.4	W015 38
Martinique	FOF	329.0	H		N14 35.3	W061 00.1	W015
Martinique (Aime Ces- aire)	FF	109.9	LOC		RWY 10		W015

**HAITI**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Cap Haitien	HCN	113.9	V D U	N19 42.9	W072 12.6	W010	
Port Au Prince	PAP	115.3	V D U W	N18 34.6	W072 18.2	W010	121
Port-Au-Prince (Tous- saint Louverture Intl)	IMG	111.5	LOC	RWY 10		W010	

**JAMAICA**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Manley (Kingston)	MLY	115.5	V D U	N17 55.8 W076 46.7	W006	30
Sangster	SIA	115.7	V D U W	N18 30.1 W077 55.4	W007	33
Kingston (Norman Manley Intl)	IMLY	109.1	LOC	RWY 12	W006	
Montego Bay (Sangster Intl)	ISIA	109.5	LOC	RWY 07	W007	

**NETH ANTILLES**

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
Bonaire	PJB	115.0	V D H	N12 07.9	W068 15.0	W010	20
Bonaire	PJB	321.0	H	N12 08.0	W068 16.8	W011	12
Curacao	PJG	116.7	V D U	N12 11.8	W069 00.7	W010	98
Saint Maarten	PJD	284.0	H M W	N18 02.3	W063 07.1	W014	132
Saint Maarten	PJM	113.0	V D U	N18 02.3	W063 07.1	W014	15

**TURKS & CAICOS IS**

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
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**CAICOS IS**

Providenciales	PV	387.0	H	W	N21 46.7	W072 15.6	W009	50
Providenciales	PVN	115.6	V D U		N21 46.3	W072 16.0	W011	37
South Caicos	SC	260.0	H	W	N21 30.8	W071 32.3	W009	

**TURKS IS**

Grand Turk	GT	232.0	H	W	N21 26.2	W071 08.8	W009	
Grand Turk	GTK	114.2	V T H		N21 26.4	W071 08.1	W011	36

**US CAR TERRITORIES**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
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**PUERTO RICO**

Borinquen	BQN	113.5	V T H	N18 29.9 W067 06.5	W010	214
Dorado (San Juan)	DDP	391.0	H H W	N18 28.1 W066 24.7	W011	24
Mayaguez	MAZ	110.6	V D L	N18 15.4 W067 09.1	W010	18
Patty (San Juan)	SJ	330.0	H O M W	N18 24.5 W066 05.4	W011	67
Ponce	PSE	109.0	V L	N17 59.5 W066 31.2	W010	18
San Juan	SJU	114.0	V T H W	N18 26.8 W065 59.4	W011	6

San Juan (Luis Munoz Marin Intl)			OM	N18 24.5 W066 05.4		
	ICLA	109.7	LOC	RWY 10	W011	

**VIRGIN ISLANDS**

Peste (Christiansted)	ST	241.0	H O M W	N17 41.5 W064 53.1	W013	40
Saint Croix	COY	108.2	V D L	N17 44.1 W064 42.0	W010	850
Saint Thomas	STT	108.6	V D L	N18 21.3 W065 01.5	W010	679

St Croix I (Henry E Rohlsen)	ISTX	109.5	LOC	RWY 10	W013	
			OM	N17 41.5 W064 53.1		
St Thomas I/Charlotte Amalie (King)	ITMN	110.1	LOC	RWY 10	W013	



# Radio Aids

Radio Data - South America

**ARGENTINA**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Bahia Blanca	BCA	114.3	V D U W	S38 43.2	W062 09.5	W003	246
Calafate	ECA	114.7	V D U	S50 16.7	W072 02.7	E013	732
Catamarca	CAT	114.3	V D U W	S28 35.0	W065 44.8	W006	1522
Cataratas Del Iguazu	IGU	114.1	V D U W	S25 44.1	W054 29.1	W016	935
Ceres	ERE	115.5	V D U W	S29 52.4	W061 55.5	W004	
Chapelco (San Martin)	CHP	265.0	H W	S40 04.9	W071 08.8	E009	
Chilecito	ITO	116.5	V U	S29 12.7	W067 26.5	E000	
Choele Choel	OEL	113.4	V D H W	S39 17.0	W065 36.6	E003	642
Comodoro Rivadavia	CRV	117.5	V D U W	S45 46.4	W067 22.3	E006	190
Cordoba	CBA	114.5	V D U W	S31 18.8	W064 12.2	W006	1572
Corrientes	CRS	115.4	V D U	S27 26.2	W058 45.7	W012	230
Corrientes	OC	330.0	H L	S27 31.2	W058 46.0	W009	
El Palomar (Buenos Aires)	PAL	115.2	V D U W	S34 36.7	W058 36.8	W009	77
El Turbio	BIO	205.0	H W	S51 36.6	W072 13.3	E017	
Esquel	ESQ	117.8	V D H	S42 53.2	W071 06.0	E008	2582
Ezeiza	EZE	116.5	V D U W	S34 49.4	W058 32.1	W008	95
Formosa	FSA	115.6	V D U	S26 12.6	W058 13.5	W012	193
Gen Belgrano (Buenos Aires)	GBE	115.6	V U	S35 45.1	W058 27.9	W005	
Gen Roca	GNR	275.0	H L W	S38 59.0	W067 36.1	E007	935
General Pico	GPI	112.2	V U	S35 41.6	W063 45.1	E003	
General Pico	GPI	285.5	H W	S35 41.3	W063 45.5	E001	456
Gobernador Gregores	GRE	360.0	H W	S48 47.0	W070 09.7	E014	1175
Gualectuaychu	GUA	113.2	V D U W	S33 00.6	W058 36.9	W009	75
Jose De San Martin	JSM	250.0	H W	S44 03.5	W070 26.1	E010	
Jujuy	JUU	112.9	V D H W	S24 23.6	W065 05.6	W006	2946
Junin	NIN	116.1	V U	S34 32.5	W060 56.0	W004	
Junin	NIN	220.0	H W	S34 33.1	W060 56.0	W004	269
La Plata	PTA	113.7	V U	S34 58.6	W057 53.9	W005	
La Plata	PTA	250.0	H W	S34 58.0	W057 53.9	W005	



**ARGENTINA**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
La Rioja	LAR	113.5	V	U	S29 23.3	W066 48.2	W003	
La Rioja	LAR	410.0	H	W	S29 23.0	W066 47.6	W003	1437
Laboulaye	LYE	116.3	V	U	S34 08.5	W063 21.7	E001	
Las Lomitas	ITA	112.2	V	U	S24 44.2	W060 32.6	W007	
Madryn (Puerto Madryn)	DRY	116.1	V	D U W	S42 45.6	W065 06.1	E002	
Malargue	MLG	117.2	V	D U W	S35 29.2	W069 34.7	E004	4692
Mar Del Plata	MDP	116.2	V	D U	S37 55.8	W057 34.6	W008	85
Marcos Juarez	MJZ	114.7	V	U	S32 41.2	W062 09.7	W001	
Mariano Moreno	ENO	112.9	V	D U W	S34 33.8	W058 47.4	W005	
Mariano Moreno	Z	395.0	H	L	S34 32.3	W058 48.0	W005	
Mendoza	DOZ	114.9	V	D U W	S32 49.9	W068 47.4	W000	2333
Mercedes	RCE	265.0	H	W	S29 13.6	W058 05.1	W007	
Monte Caseros	MCS	113.9	V	U W	S30 16.0	W057 38.3	W011	74
Monte Quemado	MTQ	116.1	V	U	S25 45.0	W062 52.1	W004	
Neuquen	NEU	116.7	V	D U W	S38 57.0	W068 09.3	E003	885
Oran	ORA	285.0	H	W	S23 09.0	W064 19.5	W004	1171
Parana	PAR	116.8	V	D U	S31 48.5	W060 29.1	W006	250
Paso De Los Libres	L	325.0	H	L	S29 40.2	W057 09.3	W011	
Paso De Los Libres	LIB	250.0	H	W	S29 41.7	W057 08.9	W011	226
Pehuajo	PEH	265.0	H	W	S35 50.5	W061 51.7	W005	
Perito Moreno	PTM	285.0	H	W	S46 32.2	W070 59.2	E014	1407
Posadas	POS	114.9	V	D U W	S27 23.1	W055 58.1	W012	436
Presidencia Roque S. Pena	PSP	205.0	H	W	S26 44.8	W060 29.2	W006	298
Puerto Deseado	ADO	210.0	H	W	S47 44.0	W065 54.6	E011	
Punta Indio	PDI	114.1	V	D U W	S35 20.7	W057 16.5	W003	56
Punta Indio	PDI	325.0	H	W	S35 21.2	W057 18.4	W003	
Quilmes	ILM	210.0	H	W	S34 42.7	W058 14.4	W005	
Reconquista	RTA	117.1	V	D U W	S29 12.5	W059 41.0	W011	170
Resistencia	N	262.0	H	L	S27 25.5	W059 02.7	W012	
Resistencia	SIS	115.1	V	D U	S27 26.8	W059 03.4	W012	198

**ARGENTINA**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Rio Cuarto	R	305.0	H	M	S33 06.5	W064 17.3	W002	
Rio Cuarto	TRC	114.2	V	D U	S33 05.5	W064 15.9	W002	
Rio Gallegos	GAL	116.7	V	D U W	S51 36.7	W069 19.8	E011	85
Rio Grande	GRA	117.3	V	D U W	S53 46.5	W067 44.8	E011	77
Rio Mayo	RMY	290.0	H	W	S45 42.3	W070 15.8	E009	1784
Rosario	ROS	117.3	V	D U W	S32 54.3	W060 46.9	W008	115
Salta	OL	340.0	H	H	S24 53.8	W065 32.7	W005	4077
Salta	SAL	116.7	V	D U W	S24 51.1	W065 29.0	W007	4068
San Antonio De Areco	SNT	117.7	V	D U W	S34 13.3	W059 26.5	W004	
San Antonio Oeste	SAN	220.0	H	W	S40 45.9	W065 02.1	E004	
San Carlos De Bariloche	BAR	117.4	V	D U	S41 08.4	W071 11.3	E007	2740
San Carlos De Bariloche	OB	330.0	H	L	S41 07.2	W071 14.7	E009	
San Fernando	FDO	114.4	V	D U W	S34 27.1	W058 35.0	W008	49
San Juan	JUA	113.1	V	D U W	S31 33.8	W068 25.3	E000	
San Julian	SJU	117.7	V	D U W	S49 18.6	W067 48.8	E012	
San Luis	UIS	116.0	V	U	S33 16.1	W066 21.5	W003	
San Martin De Los Andes	CHP	117.0	V	D U	S40 02.9	W071 05.7	E006	2569
San Rafael	SRA	116.9	V	D H W	S34 35.4	W068 23.7	E001	2500
Santa Cruz	SCZ	245.0	H	W	S50 01.3	W068 34.8	E013	371
Santa Rosa	O	300.0	H	L W	S36 34.2	W064 16.3	W001	
Santa Rosa	OSA	112.5	V	D U W	S36 35.0	W064 16.4	W003	630
Santiago Del Estero	SDE	114.8	V	U	S27 46.7	W064 19.1	W007	651
Sauce Viejo (Santa Fe)	SVO	405.0	H	W	S31 42.7	W060 48.4	W008	56
Sierra Grande	SGR	290.0	H		S41 35.0	W065 21.0	E008	
Sta. Rosa de Con-lara(Valle del	SRC	117.5	V	D U	S32 22.4	W065 11.0	W001	2020
Tandil	DIL	115.9	V	D U W	S37 13.5	W059 13.8	W004	574
Termas de Rio Hondo	TRH	113.7	V	D U	S27 29.8	W064 56.0	W006	
Trelew	T	280.0	H	L	S43 12.1	W065 14.3	E003	
Trelew	TRE	115.1	V	D U W	S43 12.2	W065 14.8	E003	133

## ARGENTINA

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
Tucuman	TUC	114.1	V D U W	S26 50.7	W065 06.5	W007	1483
Ushuaia	USU	113.7	V U	S54 50.3	W068 17.1	E012	33
Viedma	V	305.0	H L	S40 51.9	W063 01.5	E002	
Viedma	VIE	117.1	V U	S40 52.0	W063 00.1	W001	
Villa Dolores	LDR	310.0	H W	S31 57.2	W065 08.6	W000	
Villa Gessell	GES	242.0	H W	S37 14.1	W057 01.4	W008	
Villa Reynolds	RYD	115.7	V D U W	S33 43.7	W065 22.9	W001	1590
Villa Reynolds	RYD	335.0	H W	S33 43.5	W065 23.2	W001	1590
Bahia Blanca (Coman- dante Espora)	BC	109.7	LOC	RWY 17L		W003	
			OM	S38 38.7	W062 11.1		
Buenos Aires (El Palo- mar)	PR	110.5	LOC	RWY 17		W009	
Buenos Aires (Ezeiza Intl Ministro Pistarini)	OC	330.0	LOM	S34 48.3	W058 38.0	W008	
	PC	110.1	LOC	RWY 11		W008	
	OA	270.0	LOM	S34 53.4	W058 30.4	W008	
	EZ	108.7	LOC	RWY 35		W007	
Buenos Aires (Jorge Newbery Aeroparque)	OP	260.0	LO	S34 31.1	W058 29.2	W007	
			OM	S34 31.2	W058 29.2		
Cataratas Del Iguazu (Mayor D Carlos Eduardo Krause)	IG	110.9	LOC	RWY 31		W016	
Comodoro Rivadavia (Gen Enrique Mosconi)	OC	260.0	LOM	S45 46.4	W067 22.4	E007	
	CR	110.3	LOC	RWY 25		E006	
Concordia (Comodoro Pierrestegui)	D	280.0	LO	S31 16.9	W057 59.2	W006	
Cordoba (Ing Aer A L V Taravella)	CB	110.3	LOC	RWY 19		W006	
Corrientes	CR	109.7	LOC	RWY 20		W012	

**ARGENTINA**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Elev. Decl
El Calafate	EC	108.9	LOC	RWY 25		E013
Esquel (Brig. Gral. Antonio Parodi)	LO	275.0	LOM	S42 52.4	W071 04.3	E008
	ES	109.7	LOC	RWY 23		E008
Formosa	FS	110.9	LOC	RWY 22		W012
Goya	G	345.0	LO	S29 05.3	W059 12.0	W008
Jujuy (Gobernador Horacio Guzman)	OJ	315.0	LO	S24 27.7	W065 03.3	W006
	JU	110.1	LOC	RWY 34		W006
			OM	S24 27.7	W065 03.3	
La Rioja (Cap Vicente A Almonacid)	LR	110.1	LOC	RWY 21		W003
Mar Del Plata (Astor Piazzolla)	MP	109.5	LOC	RWY 13		W008
			OM	S37 53.7	W057 38.9	
Mendoza (El Plumerillo)	DO	109.9	LOC	RWY 36		W001
Neuquen (Presidente Peron)	ON	332.0	LO	S38 56.9	W068 15.5	E003
	NE	110.3	LOC	RWY 09		E003
Parana (Gen Urquiza)	OP	330.0	LO	S31 43.4	W060 28.1	W008
	PA	110.3	LOC	RWY 20		W008
Posadas (Liberador Gral D Jose De San M)	PO	109.9	LOC	RWY 19		W012
Resistencia	RS	110.3	LOC	RWY 21		W012
Rio Cuarto (Area De Material)	RC	110.9	LOC	RWY 05		W004
Rio Gallegos (Norberto Fernandez)	GL	110.3	LOC	RWY 25		E011
Rio Grande	GR	109.5	LOC	RWY 26		E011
Rosario (Islas Malvinas)	RO	109.9	LOC	RWY 20		W008
S C De Bariloche	B	305.0	BLCT	S41 08.6	W071 10.9	E008
	BR	109.5	LOC	RWY 29		E007

**ARGENTINA**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Salta (Gen. Don Martin Miguel de Guemes)	SA	110.3	LOC	RWY 02		W007	
San Fernando (San Fernando Intl)	FD	109.1	LOC	RWY 05		W008	
San Juan (Domingo Faustino Sarmiento)	SJ	110.3	LOC	RWY 18		W001	
Santa Fe (Sauce Viejo)	OV	262.0	LO	S31 46.8	W060 50.8	W008	
	SV	109.5	LOC	RWY 21		W008	
Santa Rosa	SR	110.3	LOC	RWY 19		W003	
Santiago Del Estero (Termas de Rio Hondo)	RH	108.7	LOC	RWY 01		W007	
Tandil (Heroes de Malvinas)	OD	300.0	LOM	S37 09.6	W059 13.2	W004	
	DI	109.9	LOC	RWY 19		W007	
Trelew (Almirante Zar)	TR	109.5	LOC	RWY 25		E003	
Tucuman (Benjamin Matienzo)	OU	322.0	LOM	S26 55.1	W065 07.2	W007	
	TU	109.9	LOC	RWY 02		W007	
Ushuaia (Malvinas Argentinas)	US	111.3	LOC	RWY 25		E012	
Villa Reynolds	RY	109.5	LOC	RWY 06		W001	

## BOLIVIA

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
<b>BOLIVIA</b>							
Alcantari	ALC	113.4	V D H	S19 16.1	W065 08.6	W009	10233
Bermejo	BJO	400.0	H	S22 46.2	W064 18.7	W008	
Cobija	CIJ	230.0	H W	S11 02.3	W068 46.8	W009	
Cochabamba	CBA	112.1	V D U W	S17 25.3	W066 10.7	W010	8360
Cochabamba	CBB	320.0	H W	S17 24.8	W066 10.6	W008	8365
Cochabamba	R	402.0	H M	S17 24.0	W066 15.9	W008	
Coroico	CRC	305.0	H	S16 11.6	W067 43.3	W006	
El Porvenir	PVR	430.0	H W	S20 45.0	W063 12.0	W004	
Guayaramerin	GYA	250.0	H W	S10 49.5	W065 20.6	W010	
La Paz	LPZ	114.1	D H	S16 30.5	W068 10.2		13314
La Paz	LPZ	350.0	H H W	S16 30.5	W068 10.2	W007	
La Paz	PAZ	115.7	V D U W	S16 30.7	W068 14.0	W008	13320
Monteagudo	AGU	305.0	H	S19 49.4	W063 57.7	W010	
Oruro	ORU	113.0	V D H	S17 58.8	W067 04.6	W008	12165
Potosi	POI	400.0	H	S19 33.0	W065 43.9	W008	
Potosi	PTS	114.9	V D H	S19 31.4	W065 41.5	W009	12949
Puerto Suarez	PSZ	290.0	H W	S18 58.7	W057 49.1	W015	
Reyes	REY	290.0	H M W	S14 18.2	W067 20.9	W007	
Riberalta	REA	370.0	H W	S11 00.5	W066 04.5	W010	
Robore	OBO	325.0	H	S18 20.0	W059 45.9	W013	986
Robore	RBO	113.5	V U	S18 19.7	W059 46.0	W010	986
Rurrenabaque	RBQ	330.0	H	S14 25.8	W067 30.1	W008	
San Borja	BOR	117.7	V U	S14 51.1	W066 44.2	W007	636
San Borja	SRJ	270.0	H W	S14 51.5	W066 44.1	W007	
San Ignacio De Velasco	SNG	250.0	H W	S16 23.0	W060 57.9	W013	
San Matias	SMT	330.0	H	S16 19.8	W058 23.9	W014	
Santa Ana	ANA	345.0	H W	S13 45.8	W065 25.9	W010	
Sucre	SUR	116.5	V D U W	S19 00.7	W065 17.5	W009	9534
Tarija	TAR	117.0	V D U	S21 32.8	W064 42.8	W009	6102
Trinidad	TRI	115.9	V D U W	S14 48.0	W064 56.3	W008	525

## BOLIVIA

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
Uyuni	UNI	116.0	V D H W	S20 27.2	W066 50.2	W007	12198
Uyuni	UYU	310.0	H H W	S20 26.6	W066 50.5	W007	
Villamontes	VTG	219.0	H	S21 15.3	W063 24.4	W009	
Viru Viru (Santa Cruz)	VIR	113.8	V D U	S17 37.6	W063 08.9	W012	1208
Yacuiba	YAC	385.0	H W	S21 58.0	W063 39.3	W009	2116

Cochabamba (Jorge Wilstermann Intl)	ILCO	110.5	LOC	RWY 32		W010	
La Paz (El Alto Intl)	ILPA	110.3	LOC	RWY 10		W008	
Santa Cruz (Viru Viru Intl)	ILVV	110.9	LOC	RWY 34		W012	
Sucre (Alcantari)	ILCA	109.9	LOC	RWY 36		W010	

## BRAZIL

San Matias	SMT	330.0	H	S16 20.1	W058 23.2	W024	
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## BRAZIL

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Afonso (Rio De Janeiro)	AFS	270.0	H	W	S22 52.0	W043 22.0	W022	
Alcantara	ALR	116.7	V D H		S02 22.3	W044 23.8	W021	168
Aldeia (Sao Pedro Da)	ADA	112.1	V D U W		S22 48.8	W042 05.7	W022	48
Aldeia (Sao Pedro Da-)	ADA	345.0	H		S22 49.4	W042 05.8	W022	146
Alta Floresta	ATF	113.4	V D U		S09 52.1	W056 06.3	W018	944
Alta Floresta	ATF	245.0	H	W	S09 52.2	W056 06.1	W018	
Altamira	ATM	113.2	V	U	S03 15.0	W052 14.9	W018	
Altamira	ATM	295.0	H	W	S03 15.4	W052 15.1	W018	
Amapa	AMP	275.0	H	W	N02 04.1	W050 51.6	W016	
Anapolis	APO	116.8	V D U W		S16 14.7	W048 58.7	W021	3728
Apucarana	APC	215.0	H	W	S23 36.9	W051 25.4	W014	
Aracatuba	ARA	265.0	H	W	S21 08.4	W050 25.6	W018	1394
Araguaia (Conceicao Do-)	ARG	230.0	H	W	S08 21.2	W049 18.0	W019	854
Araraquara	AAQ	205.0	H		S21 48.8	W048 08.4	W019	
Araxa (Uberaba TMA)	ARX	210.0	H	W	S19 33.7	W046 57.9	W022	
Araxa (Uberaba)	ARX	117.0	V D U W		S19 41.3	W047 03.6	W019	3276
Arealva	ARE	340.0	H	W	S22 10.1	W049 04.2	W021	2060
Bacacheri	BCH	300.0	H	W	S25 24.2	W049 13.7	W019	3035
Bage	BGE	115.3	V	H W	S31 23.4	W054 06.6	W014	590
Bage	BGE	235.0	H	W	S31 23.1	W054 06.8	W014	591
Barbacena	BBC	111.7		D L	S21 15.9	W043 45.8		3869
Barbacena	BBC	285.0	H	W	S21 16.0	W043 45.8	W023	3658
Barreiras	BRR	114.3	V D U W		S12 04.8	W045 00.4	W019	
Barretos	BRT	360.0	H		S20 34.9	W048 35.8	W019	
Bauru	BRU	380.0	H	W	S22 18.8	W049 06.4	W018	2005
Belem	BEL	117.3	V D U W		S01 23.1	W048 28.7	W020	52
Belo Horizonte	BHZ	117.7	V D U W		S19 50.1	W044 00.2	W022	590
Boa Vista	BVI	113.1	V D U W		N02 51.1	W060 41.2	W016	234
Bonsucesso (Sao Paulo)	BCO	116.0	V D U		S23 24.4	W046 23.1	W021	2678



**BRAZIL**

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
Braganca (Braganca Paulista)	BGC	116.2	V D U	S22 57.1	W046 34.2	W018	2887
Brasilia	BSI	116.3	V D U	S15 52.3	W048 01.3	W021	4037
CAJU (ARACAJU)	ARU	115.4	V D U	S10 58.9	W037 04.6	W023	18
Cabo Frio	BFR	200.0	H W	S22 55.4	W042 04.3	W022	
Cacador	CAD	400.0	H W	S26 47.5	W050 56.3	W016	
Cachimbo (Novo Pro-gresso)	CBO	115.1	V D U W	S09 19.9	W054 57.9	W018	1792
Cachoeira Porteira	COE	1618.0	H W	S01 05.0	W057 02.0	W012	
Caetite	CEE	390.0	H W	S14 04.7	W042 30.7	W022	
Caldas Novas	CAL	290.0	H L W	S17 43.5	W048 36.6	W020	
Campina Grande	CPG	230.0	H W	S07 16.0	W035 53.6	W022	1777
Campinas	CPN	112.0	V D U W	S23 00.5	W047 07.7	W021	2190
Campinas	CPN	515.0	H W	S23 03.6	W047 03.7	W021	
Campo Grande	GRD	112.8	V D H W	S20 29.0	W054 41.3	W018	1791
Campos	CPO	108.7	D U	S21 42.0	W041 18.5		54
Campos	CPO	225.0	H W	S21 41.8	W041 18.4	W022	69
Cana Brava (Minacu)	CNB	305.0	H W	S13 32.6	W048 11.7	W019	
Canoas (Porto Alegre)	COA	113.6	V D U	S29 57.0	W051 08.8	W016	
Carajas (Parauapebas)	CJS	114.4	V D U W	S06 07.2	W050 00.1	W020	2100
Carajas (Parauapebas)	CRJ	1700.0	H W	S06 06.7	W050 00.2	W020	
Carauari	CUA	285.0	H W	S04 52.2	W066 53.2	W008	
Carolina	CNA	115.3	V U W	S07 19.1	W047 27.3	W020	593
Carolina	CNA	330.0	H H W	S07 19.4	W047 27.3	W020	
Cascavel	CAV	220.0	H	S25 00.2	W053 30.2	W015	2581
Caxias (Rio De Janeiro)	CAX	400.0	H H	S22 45.8	W043 20.3	W022	
Caxias (Rio De Janeiro)	CXI	112.3	V D H	S22 49.0	W043 15.6	W023	28
Cerrito	SMR	215.0	H	S29 42.4	W053 46.1	W016	
Chapeco	XPC	116.1	V D U	S27 08.1	W052 39.8	W015	2146
Comandatuba	COM	335.0	H W	S15 21.6	W039 00.1	W023	20
Confins (Belo Horizonte)	CNF	114.4	V D U W	S19 33.5	W044 02.9	W023	2967

**BRAZIL**

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
Congonhas (Sao Paulo)	CGO	116.9	V D U	S23 37.6	W046 39.3	W021	2616
Conquista (Vitoria Da-)	VCO	260.0	H W	S14 52.0	W040 51.9	W022	
Corumba	CUB	375.0	H W	S19 01.0	W057 39.9	W014	
Criciuma (Forquilha)	CRY	114.4	V D U	S28 43.3	W049 24.6	W018	93
Cruz Alta	CAT	335.0	H W	S28 43.2	W053 38.5	W008	
Cruzeiro	CZS	112.0	V D U	S07 36.4	W072 46.4	W005	642
Cuiaba	CIA	113.7	V D U W	S15 39.4	W056 06.7	W018	609
Curitiba	CTB	116.5	V D U W	S25 31.9	W049 10.1	W020	2986
DIADEMA (Sao Paulo)	DAD	200.0	H M W	S23 42.3	W046 36.1	W021	2631
Do Sul	CXS	112.3	V D H	S29 11.9	W051 11.3	W017	2475
Doura (Dourados)	DOU	285.0	H W	S22 11.8	W054 55.7	W016	
Dourado (Monte Dourado)	MDD	305.0	H W	S00 53.0	W052 36.2	W016	
Eirunepe	ERP	265.0	H W	S06 39.7	W069 52.4	W005	
Embuguacu (Sao Paulo)	EMB	525.0	H	S23 51.0	W046 49.0	W019	
Fernando (Fernando De Noronha)	FNO	113.7	V D U	S03 52.2	W032 25.8	W021	193
Figueiras (Porto Alegre)	FIG	114.7	V D H	S29 59.9	W050 58.5	W017	156
Florianopolis	FLN	113.4	V D H	S27 40.2	W048 32.4	W019	11
Fora (Juiz De Fora)	FRA	1730.0	H W	S21 46.1	W043 23.0	W023	
Formosa	FSA	112.7	V D U	S15 33.3	W047 20.8	W021	3497
Fortaleza	FLZ	114.1	V D U W	S03 46.3	W038 32.9	W021	82
Foz (Foz Do Iguacu)	FOZ	112.1	V D U W	S25 35.0	W054 30.2	W016	729
Franca	FRC	405.0	H	S20 35.0	W047 23.0	W020	
Furnas (Alpinopolis)	FUR	390.0	H W	S20 42.2	W046 20.3	W018	
Garcas	BAG	113.3	V D U	S15 51.2	W052 23.7	W017	1500
Gisa (Curitiba)	IC	370.0	H M W	S25 27.8	W049 14.9	W020	
Goiania	GNV	115.9	V D U	S16 38.5	W049 12.7	W020	2450
Goiania	GOI	112.7	V D U	S16 37.9	W049 12.9	W021	2450
Grossa	PGR	275.0	H W	S25 11.0	W050 08.8	W014	
Guaira	GAI	305.0	H W	S24 05.1	W054 15.3	W010	

**BRAZIL**

Name	Ident	Freq.	Class			INS Coordinates		VAR/Stn Decl	Elev.
Guajara	GMI	335.0	H			S10 46.7	W065 20.3	W007	
Guajara-Mirim (Guajara Mirim)	GJM	400.0	H		W	S10 47.1	W065 16.9	W011	
Guarapuava	GRU	230.0	H	M	W	S25 23.2	W051 31.4	W017	3494
Guaratingueta	GGT	275.0	H		W	S22 47.3	W045 12.9	W022	1759
Ilha (Rio De Janeiro)	YLA	330.0	H		W	S22 47.2	W043 10.1	W023	
Ilheus	YLH	305.0	H		W	S14 48.7	W039 02.2	W023	16
Imperatriz	YTZ	112.7	V	D	U	S05 31.4	W047 27.0	W020	450
Imperatriz	YTZ	390.0	H		W	S05 32.1	W047 27.4	W018	
Ipatinga	YPT	110.9		D	U	S19 28.5	W042 29.3		1034
Ipatinga	YPT	1618.0	H		W	S19 27.8	W042 28.8	W021	
Itacoatiara	YTC	320.0	H		W	S03 07.2	W058 28.9	W015	
Itaituba	YUB	250.0	H			S04 14.4	W056 00.3	W016	
Itumbiara	YBA	245.0	H		W	S18 26.4	W049 13.1	W019	
Jacareacanga	JAC	112.2	V	D	U W	S06 14.1	W057 46.2	W015	360
Jacareacanga	JAC	360.0	H	H	W	S06 14.3	W057 46.4	W015	361
Jaguaruna	JGN	280.0	H	M		S28 40.7	W049 04.0	W019	
Joao Pessoa	JPS	320.0	H	M	W	S07 08.4	W034 57.2	W022	
Juazeiro	JZR	205.0	H			S07 12.8	W039 16.5	W022	
Lages	LJS	240.0	H		W	S27 46.9	W050 16.6	W019	
Lagoa Santa	LST	295.0	H		W	S19 39.5	W043 53.8	W023	
Lapa (Bom Jesus De Lapa)	LAP	113.7	V	D	U W	S13 15.9	W043 24.5	W021	1439
Londrina	LON	112.4	V	D	U	S23 20.4	W051 06.8	W019	1867
Luziania	LUZ	113.1	V	D	U	S16 15.7	W047 58.3	W019	
Macaee	MCA	115.9	V	D	U	S22 20.7	W041 46.1	W023	
Macapa	MCP	112.0	V	D	U	N00 03.1	W051 04.4	W019	86
Manaus	MNS	115.8	V	D	H	S03 02.4	W060 03.3	W016	260
Manicore	MCR	310.0	H		W	S05 48.4	W061 16.9	W011	
Maraba	MRB	113.7	V	D	U	S05 22.1	W049 08.1	W020	358
Marica	MIA	114.8	V	D	U	S22 58.0	W042 53.5	W023	

**BRAZIL**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Marilia	MRA	415.0	H	W	S22 11.7	W049 55.8	W018	
Maringa	MRN	320.0	H	W	S23 28.6	W052 00.4	W019	
Maxaranguape (Natal TMA)	MXN	205.0	H		S05 23.2	W035 31.9	W022	
Montes Claros	MCL	310.0	H	W	S16 42.2	W043 49.2	W022	2188
Mossoro	MSS	112.4	V D U W		S05 11.8	W037 21.9	W022	75
Moz (Porto De Moz)	MOZ	285.0	H	W	S01 45.0	W052 14.0	W017	
Natal	NTL	114.3	V D U W		S05 54.5	W035 14.9	W022	164
Navegantes	NVG	235.0	H	W	S26 52.5	W048 39.2	W018	
Noronha (Fernando De Noronha)	FNR	113.4	V D H		S03 51.4	W032 25.8	W021	193
Nova (Rio De Janeiro TMA)	NOA	215.0	H	W	S22 43.1	W043 28.8	W021	
Oiapoque	OIA	340.0	H	W	N03 51.6	W051 47.9	W018	
Olinda (Recife)	OLD	380.0	H	M W	S08 02.3	W034 57.1	W022	
Paioi (Rio De Janeiro)	PP	415.0	H	W	S22 52.2	W043 09.9	W022	
Palmas	PMS	112.2	V D U W		S10 17.3	W048 21.5	W021	755
Paracatu	PKT	300.0	H	W	S17 13.0	W046 56.0	W022	
Parintins	PRI	114.1	V D U		S02 40.0	W056 46.4	W016	
Parnaiba	PNB	365.0	H	W	S02 53.9	W041 43.7	W020	
Passo Fundo	PFD	112.7	V	U	S28 14.7	W052 20.0	W015	2376
Passo Fundo	PFD	370.0	H	H W	S28 14.5	W052 19.8	W015	
Paulo Afonso	PAF	113.3	V	U	S09 24.1	W038 15.2	W023	
Pedro-Afonso	PDA	365.0	H	W	S08 58.0	W048 11.0	W016	
Pelada (Manaus)	PEL	410.0	H	H W	S03 08.6	W059 59.6	W013	276
Pelotas	PTS	113.3	V D H		S31 43.1	W052 19.6	W014	59
Petrolina	PTL	112.1	V D U W		S09 21.8	W040 33.7	W023	1240
Pirai	PAI	115.0	V D U W		S22 27.2	W043 50.4	W021	1200
Pirassununga	PIR	115.8	V D H		S21 59.1	W047 20.7	W020	
Pirassununga	PSN	310.0	H	W	S21 59.2	W047 20.2	W019	1962
Pocos (Pocos De Caldas)	PCL	415.0	H	W	S21 50.2	W046 33.9	W021	

**BRAZIL**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Ponta Pora	PTP	340.0	H	W	S22 33.0	W055 42.4	W016	2165
Porto (Rio De Janeiro TMA)	PCX	114.6	V	D U W	S22 42.9	W042 51.4	W023	127
Porto Alegre	PAG	330.0	H	W	S30 00.0	W051 10.7	W013	13
Porto Alegre	POR	114.0	V	D U	S29 59.8	W051 09.9	W016	9
Porto Nacional	PNC	113.0	V	D U W	S10 43.1	W048 24.1	W021	951
Porto Seguro	SGR	385.0	H		S16 26.5	W039 05.0	W023	
Porto Velho	PVH	112.7	V	D H	S08 42.8	W063 54.2	W013	297
Prudente (Presidente-)	PRR	113.5	V	D U W	S22 10.4	W051 25.5	W019	1477
Prudente (Presidente-)	PRR	225.0	H	W	S22 11.0	W051 22.4	W015	
Recife	REC	116.9	V	D H W	S08 08.2	W034 55.6	W022	233
Rede (Sao Paulo)	RDE	116.7	V	D U	S23 53.5	W046 31.7	W021	2000
Ribeirao (Ribeirao Preto)	RPR	115.6	V	D U	S21 08.6	W047 46.2	W021	1799
Ribeirao (Ribeirao Preto)	RPR	330.0	H	W	S21 08.6	W047 46.6	W021	
Rio Branco	RBR	270.0	H	W	S09 59.5	W067 48.4	W006	
Rio Branco	RCO	116.4	V	D H	S09 52.6	W067 54.3	W009	671
Rio Claro	RCL	280.0	H	W	S22 25.8	W047 33.7	W020	
Rio Preto(Sao Jose Do Rio Pret	JRP	420.0	H	W	S20 48.8	W049 24.4	W018	
Rondonia (Ji-Parana)	RON	255.0	H	W	S10 53.1	W061 56.9	W013	
Salinopolis	BL	315.0	H		S00 36.9	W047 21.4	W018	
Salvador	SVD	116.5	V	D U W	S12 54.4	W038 19.3	W023	122
Santa Barbara (Anapo-lis)	SBG	230.0	H	W	S16 34.8	W049 41.9	W018	
Santa Cruz (Rio)	SCR	113.6	V	D U	S22 57.0	W043 43.6	W021	10
Santa Maria	SMA	112.0	V	D U W	S29 42.6	W053 42.8	W015	300
Santa Marta (Cabo De-)	SW	310.0	H	W	S28 36.2	W048 48.8	W017	
Santana (Sao Paulo TMA)	STN	114.3	V	D U	S23 29.3	W046 55.4	W021	3100
Santarem	STM	112.3	V	D U	S02 25.6	W054 49.1	W018	180
Santo Angelo	SAN	280.0	H	W	S28 16.7	W054 10.3	W013	
Santos	SAT	375.0	H	W	S23 59.0	W046 15.8	W021	

**BRAZIL**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Sao Gabriel Da Cachoeira	GBR	116.6	V D H	S00 09.0	W066 59.4	W012	251
Sao Goncalo Do Amarante	SGA	115.9	V D H W	S05 46.3	W035 22.1	W021	284
Sao Jose (Sao Jose Dos Campos)	SCP	115.4	V D U	S23 14.0	W045 51.6	W021	2089
Sao Luis	SLI	113.5	V D H W	S02 35.4	W044 14.4	W021	177
Sao Tome (Macao)	SK	300.0	H W	S22 02.0	W041 03.2	W022	
Sorocaba (Sao Paulo TMA)	SCB	115.2	V D U	S23 30.4	W047 22.7	W018	2000
Tabatinga	TBT	230.0	H W	S04 15.0	W069 56.2	W009	
Taquara (Porto Alegre TMA)	TQA	360.0	H W	S29 40.1	W050 46.9	W014	
Taubate	TAU	112.6	V D U	S23 02.1	W045 30.8	W022	2177
Taubate	TBE	430.0	H L	S23 02.7	W045 31.0	W020	
Tefe	TFE	112.9	V D U W	S03 23.3	W064 43.7	W011	213
Tefe	TFE	300.0	H H W	S03 22.8	W064 43.3	W011	
Telamaco (Telamaco Borba)	TLB	285.0	H	S24 19.1	W050 39.2	W016	
Teresina	TNA	112.9	V D T	S05 03.7	W042 49.5	W022	220
Teresina	TRS	112.3	V D U	S05 04.0	W042 49.5	W022	220
Teresina	TRS	215.0	H W	S05 04.0	W042 49.2	W022	
Tirios (Obidos)	TIR	240.0	H W	N02 13.1	W055 56.5	W018	1359
Toledo	TOL	385.0	H	S24 41.1	W053 42.0	W014	1854
Tome	STG	360.0	H	S22 01.7	W041 04.2	W023	
Torres	TOR	230.0	H	S29 24.9	W049 48.4	W018	
Tramandai (Porto Alegre TMA)	FB	300.0	H W	S29 59.8	W050 08.7	W015	
Tres Marias	TRM	114.7	D H	S18 12.2	W045 27.4		3051
Trombetas (Oriximina)	PTT	205.0	H W	S01 29.2	W056 23.9	W018	
Tucurui	TUI	112.9	V D U W	S03 48.1	W049 43.3	W019	200
Tucurui	TUI	220.0	H W	S03 47.2	W049 42.9	W019	
Ubatuba	UBT	295.0	H W	S23 27.0	W045 04.4	W016	

## BRAZIL

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Uberaba	URB	235.0	H	W	S19 45.9	W047 57.6	W021	2657
Uberlandia	ULD	116.1	V D U		S18 52.6	W048 13.3	W021	3094
Uberlandia	ULD	350.0	H	W	S18 53.2	W048 13.8	W021	
Urubupunga (Castilho)	URP	114.2	V D U		S20 46.6	W051 33.5	W017	1169
Uruburetama	URT	235.0	H		S03 35.1	W039 25.6	W021	
Urucu	URC	355.0	H	M	S04 53.2	W065 21.0	W009	
Uruguaiana	URG	275.0	H	H W	S29 47.2	W057 02.2	W009	
Valadares (Governador-)	VAL	380.0	H	W	S18 53.9	W041 59.3	W023	
Varginha	VGH	325.0	H	H W	S21 35.3	W045 28.5	W020	3160
Vibasa (Pindamonhan- gaba)	PND	205.0	H	W	S22 52.9	W045 21.4	W018	
Vilhena	VLH	112.1	V D U		S12 41.6	W060 05.7	W013	2005
Vilhena	VLH	395.0	H	W	S12 41.4	W060 06.2	W015	1696
Vitoria	VRI	116.4	V D U W		S20 15.6	W040 17.1	W024	13
Xavantina	XVT	330.0	H	W	S14 41.3	W052 21.2	W014	984
Zumbi (Maceio)	MCE	115.1	V D H		S09 30.6	W035 47.2	W023	374
Anapolis (Base Aerea)	IAN	111.1	LOC		RWY 24R		W021	
			OM		S16 08.6	W048 53.6		
Belem (Val De Cans/ Julio Cezar Ribeiro Intl)	IBE	109.3	LOC		RWY 06		W020	
Belo Horizonte (Pam- pulha-Carlos Drummond De Andrade)	IPM	109.3	LOC		RWY 13		W022	
Belo Horizonte (Tan- credo Neves Intl)	ICF	109.7	LOC		RWY 16		W023	
Boa Vista (Atlas Brazil Cantanhede Intl)	IBV	109.3	LOC		RWY 08		W016	
Brasilia (PRES Juscelino Kubitschek Intl)	BRS	340.0	LO		S15 52.2	W048 01.3	W021	
	IBR	110.3	LOC		RWY 11L		W021	
	IDF	109.9	LOC		RWY 11R		W021	
	IJK	110.9	LOC		RWY 29L		W022	

**BRAZIL**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
	IND	109.3	LOC	RWY 29R		W021	
Campina Grande (Presidente Joao Suassuna)	IKG	109.1	LOC	RWY 15		W022	
Campinas (Viracopos Intl)	IK	370.0	LOM	S22 57.4	W047 12.3	W021	
	IKP	110.3	LOC	RWY 15		W021	
Campo Grande (Campo Grande Intl)	ICG	110.3	LOC	RWY 06		W018	
Cuiaba (Marechal Rondon Intl)	ICB	109.3	LOC	RWY 35		W018	
Curitiba (Afonso Pena Intl)	IC	370.0	LOM	S25 27.8	W049 14.9	W020	
	ICT	109.3	LOC	RWY 15		W020	
	ITA	110.3	LOC	RWY 33		W020	
Florianopolis (Hercilio Luz Intl)	IFL	110.3	LOC	RWY 14		W019	
Fortaleza (Pinto Martins Intl)	IFZ	109.3	LOC	RWY 13		W021	
Foz Do Iguacu (Cataratas Intl)	IFI	109.1	LOC	RWY 14		W016	
Gaviao Peixoto (Embraer - Unidade Gaviao Peixoto)	GPX	109.1	LOC	RWY 20		W021	
Guaranta Do Norte (Campo de Provas Brig. Veloso)	ICC	109.7	LOC	RWY 12		W018	
Joinville (Lauro Carneiro De Loyola)	IJV	111.1	LOC	RWY 33		W020	
Juiz De Fora (Francisco De Assis)	IJF	109.1	LOC	RWY 03		W023	
Maceio (Zumbi Dos Palmares)	IMC	109.7	LOC	RWY 12		W023	
Manaus (Eduardo Gomes Intl)	IEG	110.3	LOC	RWY 11		W016	
Manaus (Ponta Pelada)	IPE	109.3	LOC	RWY 09		W016	



**BRAZIL**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Natal (Augusto Severo)	INT	109.3	LOC	RWY 16L		W022	
Natal (Gov Aluizio Alves Intl)	ISG	109.7	LOC	RWY 12		W021	
Parauapebas (Carajas)	ICJ	109.3	LOC	RWY 10		W019	
Pirassununga (Campo Fontenelle)	IYS	109.3	LOC	RWY 02C		W020	
			OM	S22 04.1	W047 20.4		
Porto Alegre (Salgado Filho Intl)	IPA	110.3	LOC	RWY 11		W017	
Porto Velho (Governador Jorge Teixeira de Oliveira Intl)	IPV	109.3	LOC	RWY 19		W013	
Recife (Guararapes-Gilberto Freyre Intl)	OLD	380.0	LO	S08 02.3	W034 57.1	W022	
	IRF	110.3	LOC	RWY 18		W022	
			OM	S08 02.3	W034 57.1		
Rio Branco (Placido de Castro)	IRB	109.3	LOC	RWY 06		W009	
Rio De Janeiro (Galeao-Antonio Carlos Jobim Intl)	ITB	109.3	LOC	RWY 10		W023	
			OM	S22 49.8	W043 21.7		
	IJB	110.5	LOC	RWY 15		W023	
Salvador (Dep. L. E. Magalhaes Intl)	ISV	109.3	LOC	RWY 10		W023	
	ILR	110.3	LOC	RWY 28		W023	
Santa Maria	ISM	110.3	LOC	RWY 11		W014	
Santarem (Maestro Wilson Fonseca Intl)	ISN	109.3	LOC	RWY 10		W018	
	ISR	110.9	LOC	RWY 10		W018	
Sao Jose Dos Campos (Prof Urbano Ernesto Stumpf, INTL)	ISJ	110.3	LOC	RWY 15		W021	
Sao Luis (Marechal Cunha Machado Intl)	ISL	109.3	LOC	RWY 06		W021	

**BRAZIL**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Elev. Decl
Sao Paulo (Congonhas)	ISP	109.3	LOC	RWY 17R	W021
			OM	S23 32.7 W046 42.8	
	ICO	110.1	LOC	RWY 35L	W021
			OM	S23 42.3 W046 36.1	
Sao Paulo (Guarulhos-Gov Andre Franco Montoro Intl)	IUC	110.7	LOC	RWY 09L	W021
	IG	410.0	LO	S23 27.7 W046 34.4	W021
	IGR	111.5	LOC	RWY 09R	W021
			OM	S23 24.4 W046 23.1	
	IBC	111.1	LOC	RWY 27L	W021
			OM	S23 24.4 W046 23.1	
	IGS	111.9	LOC	RWY 27R	W021
Uberlandia (Ten Cel Av Cesar Bombonato)	IUB	109.3	LOC	RWY 04	W021
Vitoria (Eurico De Aguiar Salles)	IVI	109.3	LOC	RWY 24	W024

**CHILE**

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
<b>CHILE</b>							
Antofagasta	FAG	114.9	V D U W	S23 28.0	W070 26.9	W004	284
Araucania (Freire)	NIA	114.0	V D H W	S38 54.4	W072 38.6	E007	313
Arica	ARI	116.5	V D U W	S18 22.2	W070 20.8	W005	88
Atacama	DAT	117.1	V D U	S27 16.8	W070 46.7	W001	669
Balmaceda	BAL	115.5	V D U W	S45 54.8	W071 42.8	E010	1719
Balmaceda	BAL	390.0	H H W	S45 55.2	W071 41.9	E011	
Calama	LOA	113.5	V D U W	S22 30.1	W068 52.5	W005	7738
Chaiten	TEN	112.3	V D H	S42 47.4	W072 50.2	E009	18
Chillan	CHI	115.9	V D U W	S36 35.2	W072 02.0	E005	488
Concepcion	CAR	114.3	V D U W	S36 45.3	W073 03.2	E006	7
Curico	ICO	114.7	V D U W	S34 58.1	W071 13.0	E005	745
Domingo	DGO	112.3	V D H	S33 39.4	W071 36.9	E002	259
El Bosque	BQE	117.5	V D U	S33 33.8	W070 41.5	E004	1844
Iquique	IQQ	113.3	V D U W	S20 22.5	W070 10.4	W004	279
Isla Robinson Crusoe	IRC	293.0	H W	S33 38.2	W078 50.0	E011	
La Serena (La Florida)	SER	116.5	V D T	S29 54.9	W071 11.8	E000	461
Los Angeles	MAD	112.9	V D U	S37 24.4	W072 25.5	E006	458
Mocopulli	MPI	113.3	V D H W	S42 20.5	W073 42.8	E010	472
Osorno	OSO	112.5	V D U	S40 37.1	W073 03.2	E008	184
Pudahuel (Santiago)	PDH	117.2	V D U	S33 24.9	W070 48.1	E002	1552
Puerto Aguirre	PAR	114.9	V D U W	S45 09.6	W073 31.4	E011	289
Puerto Montt	MON	115.7	V D U W	S41 25.8	W073 05.5	E008	267
Puerto Natales	PNT	115.9	V D U	S51 44.1	W072 26.9	E013	423
Puerto Williams	PWL	114.9	V D H	S54 55.8	W067 37.3	E012	88
Punta Arenas	NAS	114.1	V D U W	S53 00.2	W070 51.2	E013	120
Punta Arenas	NAS	270.0	H H W	S53 00.6	W070 51.8	E013	
Salinas	SAL	390.0	H	S32 59.2	W071 32.2	E002	
Santiago	AMB	116.1	V D U	S33 25.2	W070 47.1	E002	1558
Santo Domingo	SNO	355.0	H W	S33 39.1	W071 36.8	E003	
Tabon	TBN	113.9	V D U	S32 55.1	W070 50.2	E003	4270

## CHILE

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Tongoy	TOY	115.5	V D U	S30 16.6	W071 28.4	E001	200
Valdivia	VLD	114.5	V D U W	S39 40.3	W073 05.1	E008	62
Ventanas	VTN	113.3	V D U	S32 44.3	W071 29.8	E003	246
Vina Del Mar	VDM	114.9	V D U	S32 56.7	W071 28.4	E002	434
Antofagasta (Andres Sabella)	R	305.0	LO	S23 28.2	W070 26.9	W004	
Balmaceda	IBAL	110.3	LOC	RWY 27R		E010	
Caldera (Desierto De Atacama)	IDAT	110.1	LOC	RWY 17		W001	
Concepcion (Carriel Sur Intl)	ICEP	109.9	LOC	RWY 02		E006	
Dalcabue (Mocopulli)	IMCI	109.9	LOC	RWY 35		E010	
Freire (La Araucania)	INIA	110.3	LOC	RWY 01		E007	
Iquique (Diego Aracena Intl)	IIQQ	109.9	LOC	RWY 19		W005	
Puerto Montt (El Tepual Intl)	IMON	110.1	LOC	RWY 35		E008	
Punta Arenas (Carlos Ibanez Del Campo Intl)	INAS	109.9	LOC	RWY 25		E013	
Santiago (Arturo Merino Benitez Intl)	IUEL	110.3	LOC	RWY 17L		E002	
			OM	S33 18.3	W070 47.4		
	IMER	111.1	LOC	RWY 17R		E002	
Santo Domingo	ISNO	109.9	LOC	RWY 23		E003	
Valdivia (Pichoy)	IVLD	110.5	LOC	RWY 35		E008	
Vina Del Mar	IVDM	110.7	LOC	RWY 05		E002	

## ISLA DE PASCUA

Isla De Pascua	IPA	117.1	V D U W	S27 09.8	W109 24.4	E015	719
Isla De Pascua (Mataveri Intl)	R	305.0	LO	S27 09.4	W109 26.4	E015	

**CHILE**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
	IIPA	110.3	LOC	RWY 10	E015	

**COLOMBIA**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
COLOMBIA							
Ambalema	ABL	112.7	V D H	N04 47.0	W074 46.1	W006	984
Apiay	AP	270.0	H	N04 04.3	W073 28.7	W005	
Apiay	PY	250.0	H	N04 04.5	W073 32.7	W005	
Arauca	AUC	114.0	V D H	N07 04.0	W070 44.0	W009	400
Armenia	AXM	111.6	V D L	N04 27.6	W075 45.9	W006	4055
Barrancabermeja	EJA	115.9	V D H W	N07 01.7	W073 48.3	W008	424
Barranquilla	BAQ	113.7	V D H W	N10 47.7	W074 51.6	W008	295
Bogota	BOG	113.9	V D H A	N04 50.8	W074 19.4	W007	9906
Bucaramanga	BGA	113.5	V D H W	N07 07.9	W073 11.1	W008	3958
Buenaventura	BUN	113.8	V D H W	N03 49.5	W076 59.7	W005	128
Buvis	BUV	116.2	V D H	N05 31.9	W073 51.5	W004	9845
Cali	CLO	115.5	V D H W	N03 24.1	W076 24.3	W006	3158
Cartagena	CT	255.0	H	N10 23.8	W075 30.9	W007	27
Cartagena	CTG	112.3	V D H	N10 12.5	W075 30.4	W007	165
Cerrejon	CJN	113.4	V D U W	N11 13.8	W072 29.6	W009	297
Corozal	CZU	113.4	V D H	N09 20.2	W075 17.0	W006	519
Cucuta	CU	395.0	H	N08 02.1	W072 34.6	W008	1098
Cucuta	CUC	113.3	V D H W	N07 56.0	W072 30.8	W008	1098
Cucuta	UC	264.0	H	N07 57.0	W072 31.6	W008	1098
El Banco	ELB	114.3	V D H W	N09 02.7	W073 58.0	W005	111
El Paso	EPO	225.0	H H	N04 28.4	W075 33.4	W005	10803
El Yopal	EYP	115.6	V D H W	N05 16.6	W072 25.6	W008	941
Florencia	FLA	112.4	V D U	N01 35.3	W075 34.2	W005	808
General Gustavo Rojas Pinilla	TOL	111.2	V D H	N04 15.4	W074 38.4	W007	1650
Girardot	GIR	117.3	V D H W	N04 11.5	W074 52.0	W007	1063
Guapi	GPI	309.0	H H W	N02 34.4	W077 53.7	W004	164
Ibague	IBG	113.1	V D H W	N04 23.9	W075 06.4	W006	2810
Ipiales	IPI	113.6	V D H	N00 51.7	W077 40.4	W004	9767
Jardin	JDN	360.0	H H W	N05 36.1	W075 49.2	W005	6528

**COLOMBIA**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Leticia	LET	117.5	V D H W	S04 11.7	W069 56.4	W009	348
Los Cedros	LCE	112.6	V D H	N07 49.1	W076 43.3	W006	109
Magangue	MGN	114.1	V D H W	N09 17.2	W074 50.8	W006	164
Mani	MNI	322.0	H	N04 44.2	W072 19.6	W005	
Manizales	MZL	112.1	V D H W	N05 03.2	W075 31.7	W006	7018
Marandua	MDU	114.2	V D H	N05 32.0	W068 40.4	W011	337
Marinilla (Rionegro)	MRN	113.0	V D H	N06 10.6	W075 19.4	W007	7054
Mariquita	MQU	116.1	V D H W	N05 12.4	W074 55.5	W007	2780
Medellin	LI	274.0	H	N06 12.4	W075 25.3	W007	7218
Mercaderes	MER	116.3	V D H W	N01 47.3	W077 09.1	W005	3600
Mitu	MTU	112.2	V D H	N01 14.5	W070 14.2	W009	680
Monteria	MTR	114.8	V D H W	N08 50.0	W075 49.8	W006	49
Neiva	NVA	115.8	V D H	N03 03.7	W075 15.4	W006	
Otu	OTU	115.4	V D H W	N07 01.3	W074 42.6	W004	2407
Palanquero (Puerto Salgar)	PAL	114.2	V D H	N05 29.2	W074 39.6	W007	593
Palma (Cali)	PL	274.0	H W	N03 35.7	W076 22.4	W005	3208
Pasto	PSO	113.4	V D H	N01 23.9	W077 17.4	W005	5894
Pereira	PEI	116.0	V D H	N04 46.9	W075 50.2	W006	3854
Piedecuesta	PIE	116.8	V D H	N06 53.0	W073 05.5	W008	5364
Popayan	PPN	114.5	V D H	N02 26.9	W076 36.9	W005	5739
Puerto Asis	SIS	330.0	H H W	N00 30.0	W076 30.1	W005	890
Puerto Carreno	PTC	112.9	V D H	N06 10.9	W067 29.7	W012	180
Puerto Inirida	PDA	114.9	V D H W	N03 51.2	W067 54.2	W011	460
Puerto Leguizamo	PLG	112.8	V D H	S00 10.7	W074 46.5	W004	653
Quibdo	UIB	113.2	V D H	N05 41.5	W076 38.5	W006	207
Riohacha	RHC	117.1	V D U	N11 31.7	W072 55.1	W008	13
Rionegro (Medellin)	RNG	115.1	V D H A	N05 58.8	W075 25.1	W007	8669
San Jose Del Guaviare	SJE	113.3	V D H W	N02 31.9	W072 38.4	W007	725
San Luis (Ipiales)	SLI	244.0	H L W	N00 51.4	W077 40.5	W002	9730
San Vicente Del Caguan	SVC	116.5	V D U	N02 09.4	W074 46.4	W006	887

**COLOMBIA**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Santa Marta	STA	116.6	V D U	N10 57.8	W074 14.4	W008	34
Saravena	SVA	388.0	H	N06 57.2	W071 51.6	W009	700
Soacha (Bogota)	SOA	108.6	V D H	N04 36.2	W074 16.4	W007	8069
Tame	TME	114.5	V D H	N06 27.2	W071 45.2	W009	343
Tres Esquinas	TQS	114.2	V D H	N00 44.5	W075 14.0	W004	663
Tres Esquinas	TQS	341.0	H W	N00 44.7	W075 14.2	W001	
Trinidad	TDA	1610.0	H W	N05 26.0	W071 39.1	W007	
Tulua	ULQ	117.7	V D H W	N04 05.4	W076 13.4	W006	3132
Tumaco (La Florida)	TCO	114.0	V D H	N01 48.9	W078 44.9	W003	1000
Valledupar	VVP	114.6	V D H W	N10 20.3	W073 15.8	W009	453
Villavicencio	VVC	116.7	V D H W	N04 04.0	W073 22.9	W008	1000
Zipaquira (Bogota)	ZIP	114.7	V D H	N05 01.1	W073 59.2	W007	8250
Apiay (CAPT Luis F Gomez Nino)	IAPY	108.9	LOC	RWY 28		W008	
Armenia (El Eden)	IAXM	110.3	LOC	RWY 20		W006	
Barranquilla (Ernesto Cortissoz)	IBAQ	109.9	LOC	RWY 05		W008	
Bogota (El Dorado Intl)	ED	244.0	LOM	N04 45.9	W074 13.2	W007	
	IEDR	111.3	LOC	RWY 13L		W007	
	R	274.0	BLCT	N04 40.6	W074 06.2	W006	
	IADO	110.7	LOC	RWY 13R		W007	
Bucaramanga (Palonegro)	IBGA	110.7	LOC	RWY 35		W008	
Cali (Alfonso Bonilla Aragon Intl)	IPAS	109.9	LOC	RWY 02		W006	
			OM	N03 23.9	W076 24.4		
Cucuta (Camilo Daza Intl)	ICUC	109.9	LOC	RWY 16		W008	
			OM	N08 02.1	W072 34.6		
	ICUX	110.3	LOC	RWY 21		W008	
El Yopal	IEYP	110.9	LOC	RWY 05		W008	



**COLOMBIA**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Leticia (Alfredo Vasquez Cobo)	ILET	110.9	LOC	RWY 21	W009	
Maicao (Jorge Isaac)	ICJN	110.3	LOC	RWY 10	W009	
Monteria (Los Garzones)	IMTR	110.9	LOC	RWY 32	W007	
Palanquero (Capt German Olano)	IPAL	109.3	LOC	RWY 19	W007	
Pasto (Antonio Narino)	IPSO	110.7	LOC	RWY 20	W005	
Quibdo (El Carano)	IUIB	110.7	LOC	RWY 31	W006	
Rionegro (Jose Maria Cordova)	IMDE	110.9	LOC	RWY 01	W007	

**SAN ANDRES**

San Andres	SPP	113.3	V D H A	N12 35.0	W081 42.3	W003	182
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**ECUADOR**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Ambato	AMB	360.0	H	W	S01 12.8	W078 34.6	W002	
Ambato	AMV	112.7	V	D U	S01 17.2	W078 32.8	W003	9977
Bahia (San Vicente)	BCN	316.0	H		S00 36.1	W080 24.4	W002	
Chongon (Guayaquil)	SOL	280.0	H	W	S02 14.1	W080 04.6	W002	
Coca	COC	322.0	H	W	S00 26.9	W076 59.7	W005	886
Coca	COV	115.0	V	D H	S00 26.7	W076 59.7	W005	866
Condorcocha (Quito)	QIT	115.3	V	D H	S00 02.3	W078 30.7	W004	11778
Cuenca	CUN	410.0	H	W	S02 50.1	W078 54.9	W001	
Cuenca	CUR	221.0	H	W	S02 51.7	W078 56.9	W002	
Cuenca	CUV	114.5	V	D H	S02 50.1	W078 55.0	W003	9026
Esmeraldas (Tachina)	ESM	215.0	H	W	N00 58.1	W079 37.5	W003	
Galapagos (Isla Baltra)	GLS	272.0	H	W	S00 27.6	W090 15.5	E004	137
Galapagos (Isla Baltra)	GLV	112.3	V	D H	S00 27.7	W090 15.5	E003	184
Gualaquiza	GLZ	275.0	H	M	S03 25.5	W078 33.9	W002	
Guayaquil	GYV	115.9	V	D H	S02 07.7	W079 52.0	W002	59
Guayaquil	R	315.0	H	M	S02 08.0	W079 52.1	E001	
Isabela	IBL	246.0	H		S00 56.7	W090 57.3	E005	
Jumandy	JUV	114.3	V	D H	S01 03.6	W077 33.9	W004	1247
Jumandy (Ahuano)	JUM	440.0	H	M W	S01 03.4	W077 35.0	W004	
Lago Agrio (Nueva Loja)	LAG	353.0	H	W	N00 05.6	W076 51.9	W004	
Lago Agrio (Nueva Loja)	LAR	412.0	H	M	N00 05.0	W076 52.8	W003	
Lago Agrio (Nueva Loja)	LAV	112.3	V	D H	N00 06.1	W076 51.4	W005	1030
Latacunga	LAT	260.0	H	M W	S00 55.5	W078 37.1	W003	9207
Latacunga	LTV	117.1	V	D H	S00 55.5	W078 37.0	W003	9131
Loja (La Toma)	LOJ	414.0	H	H	S03 59.7	W079 22.0	W002	
Macas	MAS	405.0	H	W	S02 18.2	W078 07.3	W003	3379
Macas	MSV	112.5	V	D H	S02 15.4	W078 06.6	W004	3629
Machala	MHV	112.1	V	D U	S03 17.7	W079 56.7	W001	50
Manta	MNT	205.0	H	W	S00 56.0	W080 39.6	W002	
Manta	MNV	113.9	V	D H	S00 56.1	W080 39.7	W002	79
Norte	QNV	117.4	V	D H	N00 01.0	W078 21.6	W003	8465

**ECUADOR**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Olmedo	OLM	400.0	H	W	N00 10.4	W078 05.6	W003	
Palma (Guayaquil)	PAL	365.0	H	W	S02 01.6	W079 48.5	W002	
Pastaza (Shell)	PAV	113.1	V D H		S01 31.0	W078 02.6	W004	3255
Pastaza (Shell)	PTZ	340.0	H	W	S01 30.2	W078 04.1	W003	
Portoviejo	PTN	390.0	H	W	S01 02.4	W080 28.3	E004	
Riobamba	RIO	212.0	H	W	S01 39.3	W078 39.3	W001	
Salinas	SAV	114.1	V D H		S02 13.3	W080 58.3	W002	36
Salinas	SLS	415.0	H	W	S02 13.1	W080 58.4	W001	
San Cristobal	SCV	113.1	V D H		S00 54.4	W089 37.1	E003	62
San Cristobal (Galapagos)	SCR	300.0	H		S00 54.6	W089 36.9	E004	
Santa Rosa	SRV	116.6	V D H		S03 26.8	W080 00.6	W002	30
Santa Rosa	STR	250.0	H	M	S03 26.9	W080 00.5	W002	
Santo Domingo	STD	270.0	H	M W	S00 14.9	W079 12.4	W002	1642
Sur (Quito)	QSV	116.8	V D U		S00 18.1	W078 20.6	W003	9347
Taisha	TSH	210.0	H	M	S02 23.5	W077 30.1	W003	
Tarapoa	TRP	328.0	H	W	S00 07.9	W076 19.5	W003	
Tiputini	TPU	375.0	H		S00 46.6	W075 31.8	W002	
Tulcan	TLC	418.0	H	W	N00 49.4	W077 41.2	W004	
Ahuano (Jumandy)	ILJ	109.7	LOC		RWY 27		W004	
Baltra I Galapagos Is (Seymour)	ILB	110.9	LOC		RWY 14		E004	
Coca (Francisco De Orellana)	ICC	108.5	LOC		RWY 16		W005	
Cuenca (Mariscal Lamar)	ILC	110.9	LOC		RWY 23		W002	
Guayaquil (Jose Joaquin de Olmedo Intl)	ILG	110.3	LOC		RWY 21		W002	
Latacunga (Cotopaxi Intl Alternative)	ILA	108.7	LOC		RWY 19		W003	
Manta (Eloy Alfaro Intl)	ILM	110.1	LOC		RWY 24		W002	

## ECUADOR

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Nueva Loja (Lago Agrio)	INL	110.3	LOC	RWY 06	W004	
Quito (Mariscal Sucre Intl)	IQN	111.1	LOC	RWY 18	W004	
	IQS	109.3	LOC	RWY 36	W004	
Salinas (Gen Ulpiano Paez)	ISA	108.7	LOC	RWY 31	W001	
Santa Rosa (Santa Rosa Regl)	ISR	111.1	LOC	RWY 07	W002	

**FALKLAND IS.**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Mount Pleasant	MP	380.0	H	S51 49.8	W058 28.7	E004	244
Mount Pleasant	MTP	112.2	T H	S51 49.4	W058 27.4	E004	242
Mount Pleasant	MTP	114.7	V H	S51 49.6	W058 25.4	E004	244
Mount Pleasant	IMP	111.9	LOC	RWY 28		E004	

**FRENCH GUIANA**

Name	Ident	Freq.	Class	INS	Coordinates	VAR/Stn Decl	Elev.
Felix Eboue (Cayenne)	CYR	115.95	V D U	N04 48.8	W052 22.1	W018	55
Felix Eboue (Cayenne)	FXC	327.0	H W	N04 49.5	W052 21.8	W018	26
Saint-Laurent-Du-Maroni	CW	359.0	H	N05 28.1	W054 01.9	W017	
Cayenne (Cayenne Felix Eboue)	CA	110.3	LOC	RWY 08		W018	
			OM	N04 47.3	W052 25.8		

**GUYANA**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Kamarang	KAM	406.0	H	W	N05 53.0	W060 48.0	W010	
Kato	KTO	360.0	H	W	N04 39.0	W059 49.0	W010	
Timehri (Georgetown)	TIM	113.5	V D U W		N06 29.8	W058 15.6	W016	131
Georgetown (Cheddi Jagan Intl)	ITIM	109.3	LOC		RWY 06		W016	

## PARAGUAY

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Asuncion	VAS	115.9	V D U W	S25 14.7	W057 31.3	W014	262
Concepcion	CON	405.0	H W	S23 26.3	W057 25.8	W014	
Encarnacion	VEN	116.9	V U	S27 13.9	W055 50.2	W015	20
Itaipu	ITU	225.0	H W	S25 24.5	W054 37.3	W016	
Mcal. Estigarribia	VME	117.5	V D U W	S22 02.7	W060 37.2	W012	541
Minga Guazu	VES	116.3	V D U	S25 27.6	W054 51.0	W014	840
Pedro Juan Caballero	PJC	353.0	H	S22 38.5	W055 50.0	W016	1843
Asuncion (Silvio Pettir- ossi Intl)	ST	340.0	LO	S25 08.5	W057 29.7	W014	
	IPST	109.5	LOC	RWY 20		W014	
Mariscal Estigarribia (Prof Dr Pac Luis Maria Argana Intl)	IMCL	111.3	LOC	RWY 01		W013	
Minga Guazu (Guarani Intl)	ICES	111.3	LOC	RWY 23		W015	
			OM	S25 22.1	W054 45.7		



## PERU

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Andahuaylas	AND	114.3	V D U W	S13 42.9	W073 22.7	W004	11300
Andoas	OAS	116.8	V D T	S02 47.4	W076 28.7	W004	754
Andoas	OAS	360.0	H	S02 48.4	W076 27.3	W004	
Arequipa	EQU	113.7	V D U	S16 20.4	W071 35.8	W005	8400
Ayacucho	AYA	370.0	H W	S13 09.1	W074 12.3	W003	8917
Cajamarca	MAR	300.0	H W	S07 08.4	W078 29.4	W001	8590
Chachapoyas	POY	115.1	V D U	S06 12.0	W077 51.6	W002	8333
Chiclayo	CLA	114.9	V D U W	S06 43.0	W079 49.1	W001	121
Chimbote	BTE	112.5	V U	S09 08.9	W078 31.3	E001	
Cusco	ZCO	114.9	V D U W	S13 31.2	W072 00.6	W005	10860
ILO	ILO	112.5	V H	S17 41.5	W071 21.0	W004	
Iquitos	IQT	116.5	V D U W	S03 47.6	W073 19.1	W006	335
Jorge Chavez (Lima- Callao)	JCL	116.9	V D H	S12 02.4	W077 06.3	W001	115
Juliaca	JUL	115.5	V D U	S15 28.1	W070 09.1	W006	12564
Malvinas	MLV	117.2	V D H	S11 51.5	W072 56.3	W004	
Pisco	SCO	114.1	V D U	S13 44.3	W076 12.8	W002	100
Piura	URA	117.7	V D U	S05 12.6	W080 37.0	W001	174
Pucallpa	PUL	116.7	V D U	S08 22.6	W074 34.3	W004	537
Puerto Esperanza	PZA	113.9	V U	S09 46.2	W070 42.3	W007	
Puerto Maldonado	PDO	116.1	V D U W	S12 36.5	W069 13.6	W005	850
Quincemil	MIL	1615.0	H W	S13 14.0	W070 44.0	W001	2050
Salinas	SLS	114.7	V D U W	S11 17.3	W077 33.8	W001	112
Sihuas	UAS	113.5	V U W	S16 22.3	W072 08.0	W005	4852
Tacna	TCA	116.8	V D U W	S18 03.5	W070 16.6	W005	1277
Talara	TAL	116.1	V U W	S04 34.8	W081 15.1	E000	282
Tarapoto	TAP	115.5	V D U W	S06 39.5	W076 21.1	W003	1664
Tarapoto	TAP	250.0	H W	S06 30.8	W076 22.0	W003	900
Trompeteros(Corrientes- Trompet	TRO	114.8	V D H	S03 48.2	W075 03.1	W004	418
Trujillo	TRU	116.3	V D U W	S08 05.3	W079 06.7	W001	128

**PERU**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Tumbes	BES	112.9	V D U	S03 32.7 W080 23.3	W001	115
Urcos	URC	115.6	V D U W	S13 39.0 W071 35.2	W005	14086
Andahuaylas	IAND	109.7	LOC	RWY 21	W004	
Arequipa (Rodriguez Ballon)	IARB	109.7	LOC	RWY 10	W005	
Chiclayo (Capt FAP J A Quinones Gonzalez INTL)	IJAQ	109.7	LOC	RWY 19	W001	
Iquitos (Col Francisco Secada Vignetta Intl)	ISEC	109.7	LOC	RWY 06	W006	
Las Malvinas	IMLV	109.7	LOC	RWY 35	W005	
Lima-Callao (Jorge Chavez Intl)	IJCH	109.7	LOC	RWY 15	W001	
Pisco	ISAN	109.7	LOC	RWY 22	W002	
Puerto Maldonado (Padre Aldamiz)	IPJA	109.7	LOC	RWY 01	W007	
Tacna (Col Carlos Ciriani Santa Rosa)	ICSR	109.7	LOC	RWY 02	W005	
Tarapoto (CAP FAP Guillermo del Castillo)	IGDP	109.7	LOC	RWY 35	W003	
Trujillo (Cap Carlos Martinez De Pinillos Intl)	IMDP	109.7	LOC	RWY 02	W001	

**SURINAME**

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Zandery	ZY	114.3	V D H	N05 27.0 W055 11.0	W018	75
Zandery (J.A. Pengel Intl)	IZAN	109.9	LOC	RWY 11	W017	

**URUGUAY**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Adami (Montevideo)	ASI	395.0	H	W	S34 47.4	W056 15.8	W008	
Capitan Curbelo (Maldonado)	LS	239.0	H	W	S34 51.7	W055 06.0	W009	97
Carrasco (Montevideo)	CAR	380.0	H	W	S34 46.1	W056 01.6	W009	
Carrasco (Montevideo)	CRO	305.0	H	W	S34 49.0	W056 01.8	W007	
Carrasco (Montevideo)	CRR	116.9	V D U W		S34 50.0	W056 01.5	W008	98
Curbelo (Maldonado)	LDS	117.6	V D U		S34 51.5	W055 05.5	W009	97
Durazno	BD	277.0	H	L	S33 23.5	W056 30.9	W008	
Durazno	DO	245.0	H	W	S33 21.6	W056 33.0	W008	
Durazno	DUR	117.5	V D U W		S33 21.4	W056 29.8	W010	310
Durazno	MP	298.0	H	L	S33 20.6	W056 29.5	W008	
Melo	MLO	114.3	V	U W	S32 20.5	W054 13.3	W011	
Salto	ST	410.0	H	W	S31 27.0	W057 59.8	W010	187
Salto	STO	117.9	V	U W	S31 26.1	W057 59.1	W011	
Tacuarembó	TBO	260.0	H		S31 45.1	W055 55.7	W008	
Tacuarembó	TMB	112.6	V	U	S31 45.0	W055 55.4	W010	
Durazno (Santa Bernardina Intl)	IDUR	109.9	LOC		RWY 21		W008	
			OM		S33 16.2	W056 27.2		
Montevideo (Carrasco Intl/Gen C L Berisso)	IMVD	111.1	LOC		RWY 19		W009	
	CA	280.0	LOM		S34 47.1	W055 56.6	W009	
	ICAR	109.9	LOC		RWY 24		W009	

**VENEZUELA**

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Acarigua	AGV	113.4	V D U	N09 33.1	W069 14.3	W011	758
Barcelona	BNA	115.9	V D H	N10 06.7	W064 41.4	W013	43
Barinas	BNS	117.5	V D U W	N08 37.0	W070 13.2	W010	627
Barquisimeto	BRM	112.2	V D U	N10 02.6	W069 21.1	W011	2034
Barquisimeto	BRM	134.2	M U	N10 04.0	W069 20.0	W008	2040
Belen	BEL	235.0	H W	N09 59.5	W067 42.0	W006	
Cabo Codera	CBC	113.5	V D U	N10 34.4	W066 03.0	W013	735
Canaima	CMA	117.5	V D U W	N06 15.0	W062 51.5	W014	1345
Carora	COR	112.7	V D U	N10 10.6	W070 04.0	W010	1434
Ciudad Bolivar	CBL	115.1	V D U W	N08 07.3	W063 32.0	W014	184
Coro	CRO	117.3	V D U W	N11 24.7	W069 41.6	W011	72
Cumana	CUM	113.3	V D U	N10 26.7	W064 08.4	W014	52
El Canton	CTN	116.0	V D U W	N07 31.0	W071 26.8	W009	550
El Libertador (Maracay)	BAL	113.9	V D U	N10 11.0	W067 32.9	W012	1421
El Vigia	EVG	116.8	V D U	N08 37.3	W071 40.7	W009	302
El Vigia	EVG	393.0	H W	N08 37.4	W071 39.8	W009	302
Giles	MT	218.0	H L	N10 54.0	W064 02.8	W011	
Guayana	GNA	114.7	V D U	N08 17.6	W062 45.2	W014	505
Kavanayen	KAV	398.0	H W	N05 35.3	W061 45.1	W013	
La Divina Pastora	LDP	117.7	V D U W	N04 41.7	W061 01.8	W015	2582
La Fria	LFA	113.0	V D U	N08 14.5	W072 16.2	W009	322
Los Pijiguaos	PIJ	310.0	H M W	N06 34.1	W066 48.2	W007	59
Maiquetia	MIQ	114.8	V D T	N10 36.6	W066 59.4	W012	261
Maracaibo	MAR	115.7	V T H W	N10 34.9	W071 42.9	W009	220
Margarita (Del Caribe)	MTA	114.1	V D U W	N10 54.8	W063 57.3	W014	108
Maturin	MUN	115.3	V D U W	N09 44.6	W063 09.2	W014	220
Mene Mauroa	MAU	117.9	V D U W	N10 41.3	W071 02.5	W010	400
PUERTO VIVAS	PVA	114.2	V D T	N07 30.0	W071 49.5	W009	1083
Paraguana (Punto Fijo)	PRG	113.6	V D U W	N11 46.9	W070 08.1	W010	98
Puerto Ayacucho	PAY	116.4	V D U W	N05 37.0	W067 36.6	W011	259
Puerto Cabello	PBL	117.7	V D U W	N10 29.1	W068 04.7	W011	23

**VENEZUELA**

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
San Carlos De Rio Negro	SRN	395.0	H	W	N01 55.4	W067 03.4	W007	
San Felipe	SPE	230.0	H	W	N10 17.1	W068 45.2	W005	
San Fernando De Apure	SFD	112.1	V D U	W	N07 53.0	W067 26.3	W012	174
San Sebastian	SSB	318.0	H	W	N09 57.6	W067 09.1	W011	
San Tome	SOM	116.5	V D U		N08 56.5	W064 09.5	W014	850
Santa Barbara Del Zulia	STB	114.9	V D U		N08 58.8	W071 56.4	W009	39
Santo Domingo	STD	115.3	T H		N07 34.2	W072 01.1	W006	1083
Tocomita	GRY	255.0	H	W	N07 45.1	W063 05.1	W013	
Tucupita	TUC	225.0	H	W	N09 05.2	W062 05.9	W014	
Tumeremo	TMO	215.0	H	W	N07 15.4	W061 31.0	W013	
Tuy (Caracas)	TUY	115.2	V D U		N10 17.5	W066 47.9	W012	2415
UONQUEN (Uon-quen)	KEM	272.0	H		N05 14.0	W061 46.0	W010	
Urica	URC	330.0	H	W	N09 42.2	W064 00.0	W011	
Uriman	URM	220.0	H		N05 20.0	W062 46.0	W010	
Valencia	VAL	117.4	V D U		N10 08.9	W067 55.4	W012	1401
Valera	VRA	114.4	V D U		N09 25.5	W070 33.5	W010	1207
Yaritagua	YAR	260.0	H	W	N10 03.0	W069 04.7	W010	1165
Barcelona (Gen. Jose Antonio Anzoategui Intl)	IBNA	110.9	LOC		RWY 15		W013	
Barquisimeto (Jacinto Lara Intl)	IBRM	110.5	LOC		RWY 09		W011	
Caracas (Oscar Machado Zuloaga Intl)	ITUY	109.7	LOC		RWY 10		W012	
El Vigia (Juan Pablo Perez Alfonzo)	IEVG	110.3	LOC		RWY 09		W009	
Maiquetia (Simon Bolivar Intl)	IMIQ	110.1	LOC		RWY 10		W012	
Maracaibo (La Chinita Intl)	IMAR	110.1	LOC		RWY 03L		W009	
Valencia (Arturo Michelena Intl)	IVAL	110.3	LOC		RWY 10		W012	

**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

**A**

A Ezeiza Intl Ministro Pistarini (Buenos Aires), Argentina  
 AAQ Araraquara, Brazil  
 ABA Aruba, Aruba  
 ABL Ambalema, Colombia  
 ADA Aldeia (Sao Pedro Da), Brazil  
 ADA Aldeia (Sao Pedro Da-), Brazil  
 ADO Puerto Deseado, Argentina  
 AFS Afonsos (Rio De Janeiro), Brazil  
 AGU Monteagudo, Bolivia  
 AGV Acarigua, Venezuela  
 ALC Alcantari, Bolivia  
 ALG Guarani Intl (Ciudad Del Este), Paraguay  
 ALR Alcantara, Brazil  
 AMB Ambato, Ecuador  
 AMB Santiago, Chile  
 AMP Amapa, Brazil  
 AMV Ambato, Ecuador  
 ANA Santa Ana, Bolivia  
 AND Andahuaylas, Peru  
 AP Apiay, Colombia  
 APC Apucarana, Brazil  
 APO Anapolis, Brazil  
 AQ Ernesto Cortissoz (Barranquilla), Colombia  
 AR Carrasco Intl/Gen C L Berisso (Montevideo), Uruguay  
 ARA Aracatuba, Brazil  
 ARE Arealva, Brazil  
 ARG Araguaia (Conceicao Do-), Brazil

ARI Arica, Chile  
 ARU CAJU (ARACAJU), Brazil  
 ARX Araxa (Uberaba TMA), Brazil  
 ARX Araxa (Uberaba), Brazil  
 AS Alfonso Bonilla Aragon Intl (Cali), Colombia  
 ASI Adami (Montevideo), Uruguay  
 ATF Alta Floresta, Brazil  
 ATM Altamira, Brazil  
 AUC Arauca, Colombia  
 AXM Armenia, Colombia  
 AYA Ayacucho, Peru

**B**

B S C De Bariloche, Argentina  
 BAG Garcas, Brazil  
 BAL Balmaceda, Chile  
 BAL El Libertador (Maracay), Venezuela  
 BAQ Barranquilla, Colombia  
 BAR San Carlos De Bariloche, Argentina  
 BBC Barbacena, Brazil  
 BC Comandante Espora (Bahia Blanca), Argentina  
 BCA Bahia Blanca, Argentina  
 BCH Bacacheri, Brazil  
 BCN Bahia (San Vicente), Ecuador  
 BCO Bonsucesso (Sao Paulo), Brazil  
 BD Durazno, Uruguay  
 BDT Bocas Del Toro, Panama  
 BEA Beatrix (Aruba), Aruba  
 BEL Belem, Brazil  
 BEL Belen, Venezuela

**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

BES	Tumbes, Peru	C	Gen Enrique Mosconi (Comodoro Rivadavia), Argentina
BFR	Cabo Frio, Brazil	CA	Carrasco Intl/Gen C L Berisso (Montevideo), Uruguay
BGA	Bucaramanga, Colombia	CA	Cayenne Felix Eboue (Cayenne), French Guiana
BGC	Braganca (Braganca Paulista), Brazil	CAD	Cacador, Brazil
BGE	Bage, Brazil	CAI	Canouan (St. Vincent), St Vincent
BGI	Adams (Bridgetown), Barbados	CAL	Caldas Novas, Brazil
BHZ	Belo Horizonte, Brazil	CAR	Carrasco (Montevideo), Uruguay
BIO	El Turbio, Argentina	CAR	Concepcion, Chile
BJO	Bermejo, Bolivia	CAT	Catamarca, Argentina
BL	Salinopolis, Brazil	CAT	Cruz Alta, Brazil
BNA	Barcelona, Venezuela	CAV	Cascavel, Brazil
BNS	Barinas, Venezuela	CAX	Caxias (Rio De Janeiro), Brazil
BOG	Bogota, Colombia	CB	Ing Aer A L V Taravella (Cordoba), Argentina
BOR	San Borja, Bolivia	CBA	Cochabamba, Bolivia
BQE	El Bosque, Chile	CBA	Cordoba, Argentina
BR	S C De Bariloche, Argentina	CBB	Cochabamba, Bolivia
BRM	Barquisimeto, Venezuela	CBC	Cabo Codera, Venezuela
BRR	Barreiras, Brazil	CBL	Ciudad Bolivar, Venezuela
BRS	PRES Juscelino Kubitschek Intl (Brasilia), Brazil	CBO	Cachimbo (Novo Progresso), Brazil
BRT	Barretos, Brazil	CDE	Guarani Intl (Ciudad Del Este), Paraguay
BRU	Bauru, Brazil	CEE	Caetite, Brazil
BSI	Brasilia, Brazil	CGO	Congonhas (Sao Paulo), Brazil
BTE	Chimbote, Peru	CHE	Chitre, Panama
BUN	Buenaventura, Colombia	CHI	Chillan, Chile
BUV	Buvis, Colombia	CHP	Chapelco (San Martin), Argentina
BVI	Boa Vista, Brazil	CHP	San Martin De Los Andes, Argentina
C		CIA	Cuiaba, Brazil
C	Corrientes, Argentina		
C	Ezeiza Intl Ministro Pistarini (Buenos Aires), Argentina		



**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

CIJ	Cobija, Bolivia	CTG	Cartagena, Colombia
CJN	Cerrejon, Colombia	CTN	El Canton, Venezuela
CJS	Carajas (Parauapebas), Brazil	CU	Cucuta, Colombia
CLA	Chiclayo, Peru	CUA	Carauari, Brazil
CLO	Cali, Colombia	CUB	Corumba, Brazil
CMA	Canaima, Venezuela	CUC	Cucuta, Colombia
CNA	Carolina, Brazil	CUM	Cumana, Venezuela
CNB	Cana Brava (Minacu), Brazil	CUN	Cuenca, Ecuador
CNF	Confins (Belo Horizonte), Brazil	CUR	Cuenca, Ecuador
COA	Canoas (Porto Alegre), Brazil	CUV	Cuenca, Ecuador
COC	Coca, Ecuador	CW	Saint-Laurent-Du-Maroni, French Guiana
COE	Cachoeira Porteira, Brazil	CXI	Caxias (Rio De Janeiro), Brazil
COM	Comandatuba, Brazil	CXS	Do Sul, Brazil
CON	Concepcion, Paraguay	CYR	Felix Eboue (Cayenne), French Guiana
COR	Carora, Venezuela	CZS	Cruzeiro, Brazil
COV	Coca, Ecuador	CZU	Corozal, Colombia
CPG	Campina Grande, Brazil		
CPN	Campinas, Brazil	<b>D</b>	
CPO	Campos, Brazil	D	Comodoro Pierrestegui (Concordia), Argentina
CR	Gen Enrique Mosconi (Comodoro Rivadavia), Argentina	D	El Plumerillo (Mendoza), Argentina
CRC	Coroico, Bolivia	D	Heroes de Malvinas (Tandil), Argentina
CRJ	Carajas (Parauapebas), Brazil	D	Vcom Angel D. La Paz Aragonez (Santiago Del Estero), Argentina
CRO	Carrasco (Montevideo), Uruguay	DAD	DIADEMA (Sao Paulo), Brazil
CRO	Coro, Venezuela	DAT	Atacama, Chile
CRR	Carrasco (Montevideo), Uruguay	DAV	David, Panama
CRS	Corrientes, Argentina	DFO	Stanley, Falkland Is
CRV	Comodoro Rivadavia, Argentina	DGO	Domingo, Chile
CRY	Criciuma (Forquilha), Brazil	DIL	Tandil, Argentina
CT	Rafael Nunez (Cartagena), Colombia	DO	Durazno, Uruguay
CTB	Curitiba, Brazil		

**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

DOU Doura (Dourados), Brazil  
 DOZ Mendoza, Argentina  
 DRY Madryn (Puerto Madryn), Argentina  
 DUR Durazno, Uruguay

**E**

EC El Calafate, Argentina  
 ECA Calafate, Argentina  
 ED El Dorado Intl (Bogota), Colombia  
 EJA Barrancabermeja, Colombia  
 ELB El Banco, Colombia  
 EMB Embuguacu (Sao Paulo), Brazil  
 ENO Mariano Moreno, Argentina  
 EPO El Paso, Colombia  
 EQU Arequipa, Peru  
 ERE Ceres, Argentina  
 ERP Eirunepe, Brazil  
 ES Brig. Gral. Antonio Parodi (Esquel), Argentina  
 ESM Esmeraldas (Tachina), Ecuador  
 ESQ Esquel, Argentina  
 EVG El Vigia, Venezuela  
 EYP El Yopal, Colombia  
 EZ Ezeiza Intl Ministro Pistarini (Buenos Aires), Argentina  
 EZE Ezeiza, Argentina

**F**

F Islas Malvinas (Rosario), Argentina  
 FAG Antofagasta, Chile  
 FB Tramandai (Porto Alegre TMA), Brazil  
 FD San Fernando Intl (Buenos Aires), Argentina

FDO San Fernando, Argentina  
 FIG Figueiras (Porto Alegre), Brazil  
 FLA Florencia, Colombia  
 FLN Florianopolis, Brazil  
 FLZ Fortaleza, Brazil  
 FNC France, Panama  
 FNO Fernando (Fernando De Noronha), Brazil  
 FNR Noronha (Fernando De Noronha), Brazil  
 FOZ Foz (Foz Do Iguacu), Brazil  
 FRA Fora (Juiz De Fora), Brazil  
 FRC Franca, Brazil  
 FS Formosa, Argentina  
 FSA Formosa, Argentina  
 FSA Formosa, Brazil  
 FUR Furnas (Alpinopolis), Brazil  
 FXC Felix Eboue (Cayenne), French Guiana

**G**

G General Pico, Argentina  
 G Goya, Argentina  
 G Norberto Fernandez (Rio Gallegos), Argentina  
 GAI Guaira, Brazil  
 GAL Rio Gallegos, Argentina  
 GBE Gen Belgrano (Buenos Aires), Argentina  
 GBR Sao Gabriel Da Cachoeira, Brazil  
 GES Villa Gessell, Argentina  
 GGT Guaratingueta, Brazil  
 GIR Girardot, Colombia  
 GJM Guajara-Mirim (Guajara Mirim), Brazil

## NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA

(See end of listing for Localizers)

GL	Norberto Fernandez (Rio Gallegos), Argentina	IAPY	CAPT Luis F Gomez Nino (Apiay), Colombia
GLS	Galapagos (Isla Baltra), Ecuador	IARB	Rodriguez Ballon (Arequipa), Peru
GLV	Galapagos (Isla Baltra), Ecuador	IASM	Cap Scarlett R Martinez L Intl (Cap Scarlet R Martinez L Intl), Panama
GLZ	Gualaquiza, Ecuador	IAXM	El Eden (Armenia), Colombia
GMI	Guajara, Brazil	IBAQ	Ernesto Cortisoz (Barranquilla), Colombia
GNA	Guayana, Venezuela	IBE	Val De Cans/Julio Cezar Ribeir (Belem), Brazil
GND	Maurice Bishop (Saint George's), Grenada	IBG	Ibague, Colombia
GNR	Gen Roca, Argentina	IBGA	Palonegro (Bucaramanga), Colombia
GNV	Goiania, Brazil	IBL	Isabela, Ecuador
GOI	Goiania, Brazil	IBNA	Gen. Jose Antonio Anzoategui I (Barcelona), Venezuela
GP	Val De Cans/Julio Cezar Ribeir (Belem), Brazil	IBR	PRES Juscelino Kubitschek Intl (Pres Juscelino Kubitschek Intl), Brazil
GPI	General Pico, Argentina	IBRM	Jacinto Lara Intl (Jacinto Lara), Venezuela
GPI	Guapi, Colombia	IBV	Atlas Brazil Cantanhede Intl (Boa Vista), Brazil
GR	Rio Grande, Argentina	IC	Gisa (Curitiba), Brazil
GRA	Rio Grande, Argentina	ICAR	Carrasco Intl/Gen C L Berisso (Montevideo), Uruguay
GRD	Campo Grande, Brazil	ICB	Marechal Rondon Intl (Cuiaba), Brazil
GRE	Gobernador Gregores, Argentina	ICC	Campo de Provas Brig. Veloso (Guaranta Do Norte), Brazil
GRU	Guarapuava, Brazil	ICC	Francisco De Orellana (Coca), Ecuador
GRY	Tocomita, Venezuela	ICEP	Carriel Sur Intl (Concepcion), Chile
GUA	Guaqueguaychu, Argentina	ICES	Guarani Intl (Ciudad Del Este), Paraguay
GYA	Guayaramerin, Bolivia	ICF	Tancredo Neves Intl (Belo Horizonte), Brazil
GYV	Guayaquil, Ecuador	ICG	Campo Grande Intl (Campo Grande), Brazil
<b>H</b>			
H	Ing Aer A L V Taravella (Cordoba), Argentina		
<b>I</b>			
IADO	El Dorado Intl (Bogota), Colombia		
IAND	Andahuaylas, Peru		

## NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA

(See end of listing for Localizers)

ICJ	Carajas, Brazil	IJF	Francisco De Assis (Juiz De Fora), Brazil
ICO	Congonhas (Sao Paulo), Brazil	IJK	PRES Juscelino Kubitschek Intl (Brasilia), Brazil
ICO	Curico, Chile	IJV	Lauro Carneiro De Loyola (Joinville), Brazil
ICSR	Col Carlos Ciriani Santa Rosa (Tacna), Peru	IK	Viracopos Intl (Campinas), Brazil
ICUC	Camilo Daza Intl (Cucuta), Colombia	IKG	Presidente Joao Suassuna (Campina Grande), Brazil
ICUX	Camilo Daza Intl (Cucuta), Colombia	ILA	Cotopaxi Intl Alternative (Latacunga), Ecuador
IDAT	Desierto De Atacama (Copiapo), Chile	ILB	Seymour (Baltra I Galapagos Is), Ecuador
IDF	PRES Juscelino Kubitschek Intl (Brasilia), Brazil	ILC	Mariscal Lamar (Cuenca), Ecuador
IEDR	El Dorado Intl (Bogota), Colombia	ILCA	Alcantari (Sucre), Bolivia
IEG	Eduardo Gomes Intl (Manaus), Brazil	ILCO	Jorge Wilstermann Intl (Cochabamba), Bolivia
IEVG	Juan Pablo Perez Alfonzo (El Vigia), Venezuela	ILET	Alfredo Vasquez Cobo (Leticia), Colombia
IEYP	El Yopal, Colombia	ILG	Jose Joaquin de Olmedo Intl (Guayaquil), Ecuador
IF	Guararapes-Gilberto Freyre Int (Recife), Brazil	ILJ	Jumandy (Ahuano), Ecuador
IFL	Hercilio Luz Intl (Florianopolis), Brazil	ILM	Eloy Alfaro Intl (Manta), Ecuador
IFZ	Pinto Martins Intl (Fortaleza), Brazil	ILM	Quilmes, Argentina
IG	Mayor D Carlos Eduardo Krause (Cataratas Del Iguazu), Argentina	ILO	ILO, Peru
IG	Guarulhos-Gov Andre Franco Mon (Sao Paulo), Brazil	ILPA	El Alto Intl (La Paz), Bolivia
IGDP	CAP FAP Guillermo del Castillo (Tarpoto), Peru	ILR	Dep. L. E. Magalhaes Intl (Salvador), Brazil
IGU	Cataratas Del Iguazu, Argentina	ILVV	Viru Viru Intl (Santa Cruz), Bolivia
IIPA	Mataveri Intl (Isla De Pascua), Isla De Pascua	IMAR	La Chinita Intl (Maracaibo), Venezuela
IIQQ	Diego Aracena Intl (Iquique), Chile	IMC	Zumbi Dos Palmares (Maceio), Brazil
IJAQ	Capt FAP J A Quinones Gonzalez (Chilayo), Peru	IMCI	Mocopulli (Dalcahue), Chile
IJB	Galeao-Antonio Carlos Jobim In (Rio De Janeiro), Brazil	IMCL	Prof Dr Pac Luis Maria Argana, Paraguay
IJCH	Jorge Chavez Intl (Lima-Callao), Peru		

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(See end of listing for Localizers)

IMDE	Jose Maria Cordova (Rionegro), Colombia	IPST	Silvio Pettrossi Intl, Paraguay
IMDP	Cap Carlos Martinez De Pinillo (Trujillo), Peru	IPV	Governador Jorge Teixeira de O (Porto Velho), Brazil
IMER	Arturo Merino Benitez Intl (Santiago), Chile	IQN	Mariscal Sucre Intl (Quito), Ecuador
IMIQ	Simon Bolivar Intl (Maiquetia), Venezuela	IQQ	Iquique, Chile
IMLV	Las Malvinas, Peru	IQS	Mariscal Sucre Intl (Quito), Ecuador
IMON	El Tepual Intl (Puerto Montt), Chile	IQT	Iquitos, Peru
IMP	Mount Pleasant, Falkland Is	IRB	Placido de Castro (Rio Branco), Brazil
IMTR	Los Garzones (Monteria), Colombia	IRC	Isla Robinson Crusoe, Chile
IMVD	Carrasco Intl/Gen C L Berisso (Montevideo), Uruguay	IRF	Guararapes-Gilberto Freyre Int (Recife), Brazil
INAS	Carlos Ibanez Del Campo Intl (Punta Arenas), Chile	ISA	Gen Ulpiano Paez (Salinas), Ecuador
INAT	Tocumen Intl (Panama City), Panama	ISAN	Pisco, Peru
IND	PRES Juscelino Kubitschek Intl (Brasilia), Brazil	ISEC	Col Francisco Secada Vignetta (Iquitos), Peru
INIA	La Araucania (Freire), Chile	ISG	Gov Aluizio Alves Intl (Sao Goncalo Do Amarante), Brazil
INL	Lago Agrio (Nueva Loja), Ecuador	ISJ	Prof Urbano Ernesto Stumpf, IN (Sao Jose Dos Campos), Brazil
INT	Augusto Severo (Natal), Brazil	ISL	Marechal Cunha Machado Intl (Sao Luis), Brazil
IPA	Isla De Pascua, Isla De Pascua	ISN	Maestro Wilson Fonseca Intl (Santar-em), Brazil
IPA	Salgado Filho Intl (Porto Alegre), Brazil	ISP	Congonhas (Sao Paulo), Brazil
IPAS	Alfonso Bonilla Aragon Intl (Cali), Colombia	ISR	Santa Rosa Regl (Santa Rosa), Ecuador
IPE	Ponta Pelada (Manaus), Brazil	ISR	Maestro Wilson Fonseca Intl (Santar-em), Brazil
IPI	Ipiales, Colombia	ISV	Dep. L. E. Magalhaes Intl (Salvador), Brazil
IPJA	Padre Aldamiz (Puerto Maldonado), Peru	ITA	Afonso Pena Intl (Curitiba), Brazil
IPM	Pampulha-Carlos Drummond De An (Belo Horizonte), Brazil	ITA	Las Lomitas, Argentina
IPOS	Piarco Intl (Port Of Spain), Trinidad	ITB	Galeao-Antonio Carlos Jobim In (Rio De Janeiro), Brazil
IPSO	Antonio Narino, Colombia		

## NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA

(See end of listing for Localizers)

ITIM	Cheddi Jagan Intl (Georgetown), Guyana	JUM	Jumandy (Ahuano), Ecuador
ITO	Chilecito, Argentina	JUV	Jumandy, Ecuador
ITU	Itaipu, Paraguay	JZR	Juazeiro, Brazil
IUB	Ten Cel Av Cesar Bombonato (Uberlandia), Brazil	<b>K</b>	
IUEL	Arturo Merino Benitez Intl (Santiago), Chile	KAM	Kamarang, Guyana
IUIB	El Carano (Quibdo), Colombia	KAV	Kavanayen, Venezuela
IVAL	Arturo Michelena Intl (Valencia), Venezuela	KEM	UONQUEN (Uon-quen), Venezuela
IVDM	Vina Del Mar, Chile	KTO	Kato, Guyana
IVI	Eurico De Aguiar Salles (Vitoria), Brazil	<b>L</b>	
IVLD	Pichoy (Valdivia), Chile	L	Brig. Gral. Antonio Parodi (Esquel), Argentina
IYS	Campo Fontenelle (Pirassununga), Brazil	L	Cap Vicente A Almonacid (La Rioja), Argentina
<b>J</b>		L	Gen. Don Martin Miguel de Guem (Salta), Argentina
J	Gobernador Horacio Guzman (Jujuy), Argentina	L	Paso De Los Libres, Argentina
J	Domingo Faustino Sarmiento (San Juan), Argentina	LAG	Lago Agrio (Nueva Loja), Ecuador
JAC	Jacareacanga, Brazil	LAP	Lapa (Bom Jesus De Lapa), Brazil
JCL	Jorge Chavez (Lima-Callao), Peru	LAR	La Rioja, Argentina
JDN	Jardin, Colombia	LAR	Lago Agrio (Nueva Loja), Ecuador
JGN	Jaguaruna, Brazil	LAT	Latacunga, Ecuador
JPS	Joao Pessoa, Brazil	LAV	Lago Agrio (Nueva Loja), Ecuador
JRP	Rio Preto(Sao Jose Do Rio Pret, Brazil	LCE	Los Cedros, Colombia
JSM	Jose De San Martin, Argentina	LDP	La Divina Pastora, Venezuela
JU	Gobernador Horacio Guzman (Jujuy), Argentina	LDR	Villa Dolores, Argentina
JUA	San Juan, Argentina	LDS	Curbelo (Maldonado), Uruguay
JUU	Jujuy, Argentina	LET	Leticia, Colombia
JUL	Juliaca, Peru	LFA	La Fria, Venezuela
		LI	Medellin, Colombia
		LIB	Paso De Los Libres, Argentina
		LJS	Lages, Brazil

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(See end of listing for Localizers)

LO Brig. Gral. Antonio Parodi (Esquel), Argentina  
 LOA Calama, Chile  
 LOJ Loja (La Toma), Ecuador  
 LON Londrina, Brazil  
 LPZ La Paz, Bolivia  
 LR Cap Vicente A Almonacid (La Rioja), Argentina  
 LS Capitan Curbelo (Maldonado), Uruguay  
 LST Lagoa Santa, Brazil  
 LTV Latacunga, Ecuador  
 LUZ Luziania, Brazil  
 LYE Laboulaye, Argentina

**M**

MAD Los Angeles, Chile  
 MAR Cajamarca, Peru  
 MAR Maracaibo, Venezuela  
 MAS Macas, Ecuador  
 MAU Mene Mauroa, Venezuela  
 MCA Macae, Brazil  
 MCE Zumbi (Maceio), Brazil  
 MCL Montes Claros, Brazil  
 MCP Macapa, Brazil  
 MCR Manicore, Brazil  
 MCS Monte Caseros, Argentina  
 MDD Dourado (Monte Dourado), Brazil  
 MDP Mar Del Plata, Argentina  
 MDU Marandua, Colombia  
 MER Mercaderes, Colombia  
 MGN Magangue, Colombia  
 MHV Machala, Ecuador

MIA Marica, Brazil  
 MIL Quincemil, Peru  
 MIQ Maiquetia, Venezuela  
 MJZ Marcos Juarez, Argentina  
 MLG Malargue, Argentina  
 MLO Melo, Uruguay  
 MLV Malvinas, Peru  
 MNI Mani, Colombia  
 MNS Manaus, Brazil  
 MNT Manta, Ecuador  
 MNV Manta, Ecuador  
 MON Puerto Montt, Chile  
 MOZ Moz (Porto De Moz), Brazil  
 MP Astor Piazzolla (Mar Del Plata), Argentina  
 MP Durazno, Uruguay  
 MP Mount Pleasant, Falkland Is  
 MPA Mount Pleasant, Falkland Is  
 MPI Mocopulli, Chile  
 MQU Mariquita, Colombia  
 MRA Marilia, Brazil  
 MRB Maraba, Brazil  
 MRN Maringa, Brazil  
 MRN Marinilla (Rionegro), Colombia  
 MSS Mossoro, Brazil  
 MSV Macas, Ecuador  
 MT Giles, Venezuela  
 MTA Margarita (Del Caribe), Venezuela  
 MTP Mount Pleasant, Falkland Is  
 MTQ Monte Quemado, Argentina  
 MTR Monteria, Colombia

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(See end of listing for Localizers)

MTU Mitu, Colombia  
 MUN Maturin, Venezuela  
 MXN Maxaranguape (Natal TMA), Brazil  
 MZL Manizales, Colombia

**N**

N Resistencia, Argentina  
 NAS Punta Arenas, Chile  
 NE Presidente Peron (Neuquen), Argentina  
 NEU Neuquen, Argentina  
 NIA Araucania (Freire), Chile  
 NIN Junin, Argentina  
 NOA Nova (Rio De Janeiro TMA), Brazil  
 NTL Natal, Brazil  
 NVA Neiva, Colombia  
 NVG Navegantes, Brazil

**O**

O Santa Rosa, Argentina  
 OA Ezeiza Intl Ministro Pistarini (Buenos Aires), Argentina  
 OAS Andoas, Peru  
 OB San Carlos De Bariloche, Argentina  
 OBO Robore, Bolivia  
 OC Corrientes, Argentina  
 OC Ezeiza Intl Ministro Pistarini (Buenos Aires), Argentina  
 OC Gen Enrique Mosconi (Comodoro Rivadavia), Argentina  
 OD Heroes de Malvinas (Tandil), Argentina  
 OEL Choele Choel, Argentina  
 OIA Oiapoque, Brazil

OJ Gobernador Horacio Guzman (Jujuy), Argentina  
 OL Salta, Argentina  
 OLD Guararapes-Gilberto Freyre Int (Recife), Brazil  
 OLM Olmedo, Ecuador  
 ON Presidente Peron (Neuquen), Argentina  
 OP Gen Urquiza (Parana), Argentina  
 OP Jorge Newbery Aeroparque (Buenos Aires), Argentina  
 ORA Oran, Argentina  
 ORU Oruro, Bolivia  
 OSA Santa Rosa, Argentina  
 OSO Osorno, Chile  
 OTU Otu, Colombia  
 OU Benjamin Matienzo (Tucuman), Argentina  
 OV Sauce Viejo (Santa Fe), Argentina

**P**

P Gen Urquiza (Parana), Argentina  
 P Jorge Newbery Aeroparque (Buenos Aires), Argentina  
 P Liberador Gral D Jose De San M (Posadas), Argentina  
 P Rio Grande, Argentina  
 PAF Paulo Afonso, Brazil  
 PAG Porto Alegre, Brazil  
 PAI Pirai, Brazil  
 PAL El Palomar (Buenos Aires), Argentina  
 PAL Palanquero (Puerto Salgar), Colombia  
 PAL Palma (Guayaquil), Ecuador  
 PAR Parana, Argentina



**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

PAR	Puerto Aguirre, Chile	PNB	Parnaiba, Brazil
PAV	Pastaza (Shell), Ecuador	PNC	Porto Nacional, Brazil
PAY	Puerto Ayacucho, Venezuela	PND	Vibasa (Pindamonhangaba), Brazil
PAZ	La Paz, Bolivia	PNT	Puerto Natales, Chile
PBL	Puerto Cabello, Venezuela	PO	Liberador Gral D Jose De San M (Posadas), Argentina
PC	Ezeiza Intl Ministro Pistarini (Buenos Aires), Argentina	POI	Potosi, Bolivia
PCL	Pocos (Pocos De Caldas), Brazil	POR	Porto Alegre, Brazil
PCX	Porto (Rio De Janeiro TMA), Brazil	POS	Piarco (Port Of Spain), Trinidad
PDA	Pedro-Afonso, Brazil	POS	Posadas, Argentina
PDA	Puerto Inirida, Colombia	POY	Chachapoyas, Peru
PDH	Pudahuel (Santiago), Chile	PP	Paio (Rio De Janeiro), Brazil
PDI	Punta Indio, Argentina	PPN	Popayan, Colombia
PDO	Puerto Maldonado, Peru	PR	El Palomar (Buenos Aires), Argentina
PEH	Pehuajo, Argentina	PRG	Paraguana (Punto Fijo), Venezuela
PEI	Pereira, Colombia	PRI	Parintins, Brazil
PEL	Pelada (Manaus), Brazil	PRR	Prudente (Presidente-), Brazil
PFD	Passo Fundo, Brazil	PS	Silvio Pettirossi Intl (Asuncion), Paraguay
PGR	Grossa, Brazil	PSN	Pirassununga, Brazil
PIE	Piedecuesta, Colombia	PSO	Pasto, Colombia
PIJ	Los Pijiguaos, Venezuela	PSP	Presidencia Roque S. Pena, Argentina
PIR	Pirassununga, Brazil	PSZ	Puerto Suarez, Bolivia
PJB	Bonaire, Neth Antilles	PTA	La Plata, Argentina
PJC	Pedro Juan Caballero, Paraguay	PTC	Puerto Carreno, Colombia
PJD	Saint Maarten, Neth Antilles	PTL	Petrolina, Brazil
PJG	Curacao, Neth Antilles	PTM	Perito Moreno, Argentina
PKT	Paracatu, Brazil	PTN	Portoviejo, Ecuador
PL	Palma (Cali), Colombia	PTP	Ponta Pora, Brazil
PLG	Puerto Leguizamo, Colombia	PTS	Pelotas, Brazil
PML	La Palma, Panama	PTS	Potosi, Bolivia
PMS	Palmas, Brazil	PTT	Trombetas (Oriximina), Brazil

**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

PTZ Pastaza (Shell), Ecuador

PUL Pucallpa, Peru

PVA PUERTO VIVAS, Venezuela

PVH Porto Velho, Brazil

PVR El Porvenir, Bolivia

PWL Puerto Williams, Chile

PY Apiay, Colombia

PZA Puerto Esperanza, Peru

**Q**

QIT Condorcocha (Quito), Ecuador

QNV Norte, Ecuador

QSV Sur (Quito), Ecuador

**R**

R Andres Sabella (Antofagasta), Chile

R Cochabamba, Bolivia

R Guayaquil, Ecuador

R Mataveri Intl (Isla De Pascua), Isla De Pascua

R Rio Cuarto, Argentina

R El Dorado Intl (Bogota), Colombia

RBO Robore, Bolivia

RBQ Rurrenabaque, Bolivia

RBR Rio Branco, Brazil

RC Area De Material (Rio Cuarto), Argentina

RCE Mercedes, Argentina

RCL Rio Claro, Brazil

RCO Rio Branco, Brazil

RDE Rede (Sao Paulo), Brazil

REA Riberalta, Bolivia

REC Recife, Brazil

REY Reyes, Bolivia

RH Termas de Rio Hondo (Santiago Del Estero), Argentina

RHC Riohacha, Colombia

RHT Rio Hato, Panama

RIO Riobamba, Ecuador

RMY Rio Mayo, Argentina

RNG Rionegro (Medellin), Colombia

RO Islas Malvinas (Rosario), Argentina

RON Rondonia (Ji-Parana), Brazil

ROS Rosario, Argentina

RPR Ribeirao (Ribeirao Preto), Brazil

RS Resistencia, Argentina

RTA Reconquista, Argentina

RY Villa Reynolds, Argentina

RYD Villa Reynolds, Argentina

**S**

SA Gen. Don Martin Miguel de Guem (Salta), Argentina

SA Stanley, Falkland Is

SAL Salinas, Chile

SAL Salta, Argentina

SAN San Antonio Oeste, Argentina

SAN Santo Angelo, Brazil

SAT Santos, Brazil

SAV Salinas, Ecuador

SBG Santa Barbara (Anapolis), Brazil

SCB Sorocaba (Sao Paulo TMA), Brazil

SCO Pisco, Peru

**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

SCP	Sao Jose (Sao Jose Dos Campos), Brazil	SOM	San Tome, Venezuela
SCR	San Cristobal (Galapagos), Ecuador	SPE	San Felipe, Venezuela
SCR	Santa Cruz (Rio), Brazil	SR	Santa Rosa, Argentina
SCV	San Cristobal, Ecuador	SRA	San Rafael, Argentina
SCZ	Santa Cruz, Argentina	SRC	Sta. Rosa de Conlara(Valle del, Argentina)
SDE	Santiago Del Estero, Argentina	SRJ	San Borja, Bolivia
SER	La Serena (La Florida), Chile	SRN	San Carlos De Rio Negro, Venezuela
SFD	San Fernando De Apure, Venezuela	SRV	Santa Rosa, Ecuador
SGA	Sao Goncalo Do Amarante, Brazil	SSB	San Sebastian, Venezuela
SGR	Porto Seguro, Brazil	ST	Salto, Uruguay
SGR	Sierra Grande, Argentina	ST	Silvio Pettirossi Intl (Asuncion), Paraguay
SIS	Puerto Asis, Colombia	STA	Santa Marta, Colombia
SIS	Resistencia, Argentina	STB	Santa Barbara Del Zulia, Venezuela
SJ	Domingo Faustino Sarmiento (San Juan), Argentina	STD	Santo Domingo, Ecuador
SJE	San Jose Del Guaviare, Colombia	STD	Santo Domingo, Venezuela
SJU	San Julian, Argentina	STG	Santiago, Panama
SK	Sao Tome (Macao), Brazil	STG	Tome, Brazil
SLI	San Luis (Ipiales), Colombia	STM	Santarem, Brazil
SLI	Sao Luis, Brazil	STN	Santana (Sao Paulo TMA), Brazil
SLS	Salinas, Ecuador	STO	Salto, Uruguay
SLS	Salinas, Peru	STR	Santa Rosa, Ecuador
SMA	Santa Maria, Brazil	SUR	Sucre, Bolivia
SMR	Cerrito, Brazil	SV	Sauce Viejo (Santa Fe), Argentina
SMT	San Matias, Bolivia	SV	St Vincent (Saint Vincent I), St Vincent
SMT	San Matias, Brazil	SVA	Saravena, Colombia
SNG	San Ignacio De Velasco, Bolivia	SVC	San Vicente Del Caguan, Colombia
SNO	Santo Domingo, Chile	SVD	Salvador, Brazil
SNT	San Antonio De Areco, Argentina	SVO	Sauce Viejo (Santa Fe), Argentina
SOA	Soacha (Bogota), Colombia	SW	Santa Marta (Cabo De-), Brazil
SOL	Chongon (Guayaquil), Ecuador		

**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

<b>T</b>		TQA Taquara (Porto Alegre TMA), Brazil
T	Trelew, Argentina	TQS Tres Esquinas, Colombia
TAB	Robinson (Scarborough), Trinidad	TR Almirante Zar (Trelew), Argentina
TAL	Talara, Peru	TRC Rio Cuarto, Argentina
TAP	Tarapoto, Peru	TRE Trelew, Argentina
TAR	Tarija, Bolivia	TRH Termas de Rio Hondo, Argentina
TAU	Taubate, Brazil	TRI Piarco (Port Of Spain), Trinidad
TBE	Taubate, Brazil	TRI Trinidad, Bolivia
TBG	Taboga Island, Panama	TRM Tres Marias, Brazil
TBN	Tabon, Chile	TRO Trompeteros(Corrientes-Trompet, Peru
TBO	Tacuarembó, Uruguay	TRP Tarapoa, Ecuador
TBT	Tabatinga, Brazil	TRS Teresina, Brazil
TCA	Tacna, Peru	TRU Trujillo, Peru
TCO	Tumaco (La Florida), Colombia	TSH Taisha, Ecuador
TDA	Trinidad, Colombia	TU Benjamin Matienzo (Tucuman), Argentina
TEN	Chaiten, Chile	TUC Tucuman, Argentina
TFE	Tefe, Brazil	TUC Tucupita, Venezuela
TIM	Timehri (Georgetown), Guyana	TUI Tucurui, Brazil
TIR	Tirios (Obidos), Brazil	TUM Tocumen, Panama
TLB	Telamaco (Telamaco Borba), Brazil	TUY Tuy (Caracas), Venezuela
TLC	Tulcan, Ecuador	
TMB	Tacuarembó, Uruguay	<b>U</b>
TME	Tame, Colombia	UAS Sihuas, Peru
TMO	Tumeremo, Venezuela	UBT Ubatuba, Brazil
TNA	Teresina, Brazil	UC Cucuta, Colombia
TOL	General Gustavo Rojas Pinilla, Colombia	UIB Quibdo, Colombia
TOL	Toledo, Brazil	UIS San Luis, Argentina
TOR	Torres, Brazil	ULD Uberlandia, Brazil
TOY	Tongoy, Chile	ULQ Tulua, Colombia
TPU	Tiputini, Ecuador	UNI Uyuni, Bolivia
		URA Piura, Peru

## NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA

(See end of listing for Localizers)

URB	Uberaba, Brazil
URC	Urcos, Peru
URC	Urica, Venezuela
URC	Urucu, Brazil
URG	Uruguaiana, Brazil
URM	Uriman, Venezuela
URP	Urubupunga (Castilho), Brazil
URT	Uruburetama, Brazil
USU	Ushuaia, Argentina
UYU	Uyuni, Bolivia

**V**

V	Sauce Viejo (Santa Fe), Argentina
V	Viedma, Argentina
VAL	Valadares (Governador-), Brazil
VAL	Valencia, Venezuela
VAS	Asuncion, Paraguay
VCO	Conquista (Vitoria Da-), Brazil
VDM	Vina Del Mar, Chile
VEN	Encarnacion, Paraguay
VES	Minga Guazu, Paraguay
VGH	Varginha, Brazil
VIE	Viedma, Argentina
VIR	Viru Viru (Santa Cruz), Bolivia
VLD	Valdivia, Chile
VLH	Vilhena, Brazil
VME	Mcal. Estigarribia, Paraguay
VRA	Valera, Venezuela
VRI	Vitoria, Brazil
VTN	Ventanas, Chile
VTs	Villamontes, Bolivia

VVC Villavicencio, Colombia  
VVP Valledupar, Colombia

**x**

XPC	Chapeco, Brazil
XVT	Xavantina, Brazil

## Y

Y	El Tehuelche (Puerto Madryn), Argentina
YAC	Yacuiba, Bolivia
YAR	Yaritagua, Venezuela
YBA	Itumbiara, Brazil
YLA	Ilha (Rio De Janeiro), Brazil
YLH	Ilheus, Brazil
YPT	Ipatinga, Brazil
YTC	Itacoatiara, Brazil
YTZ	Imperatriz, Brazil
YUB	Itaituba, Brazil

## Z

Z	Mariano Moreno, Argentina
Z	Mayor D Carlos Eduardo Krause (Cataratas Del Iguazu), Argentina
ZCO	Cusco, Peru
ZIP	Zipaquira (Bogota), Colombia
ZY	Zandery, Suriname

## LOCALIZERS LISTED BY IDENTIFIER

**B**

BC Bahia Blanca (Comandante Espora), Argentina

BR S C De Bariloche, Argentina

**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

**C**

- CA Cayenne (Cayenne Felix Eboue), French Guiana
- CB Cordoba (Ing Aer A L V Taravella), Argentina
- CR Corrientes, Argentina
- CR Comodoro Rivadavia (Gen Enrique Mosconi), Argentina

**D**

- DI Tandil (Heroes de Malvinas), Argentina
- DO Mendoza (El Plumerillo), Argentina

**E**

- EC El Calafate, Argentina
- ES Esquel (Brig. Gral. Antonio Parodi), Argentina
- EZ Buenos Aires (Ezeiza Intl Ministro Pistarini), Argentina

**F**

- FD San Fernando (San Fernando Intl), Argentina
- FS Formosa, Argentina

**G**

- GL Rio Gallegos (Norberto Fernandez), Argentina
- GPX Gavião Peixoto (Embraer - Unidade Gavião Peixoto), Brazil
- GR Rio Grande, Argentina

**H**

- HOWL Balboa (Panama Pacifico), Panama

**I**

- IADO Bogota (El Dorado Intl), Colombia
- IAN Anapolis (Base Aerea), Brazil
- IAND Andahuaylas, Peru
- IAPY Apiay (CAPT Luis F Gomez Nino), Colombia
- IARB Arequipa (Rodriguez Ballon), Peru
- IASM Rio Hato (Cap Scarlett R Martinez L Intl), Panama
- IAXM Armenia (El Eden), Colombia
- IBAL Balmaceda, Chile
- IBAQ Barranquilla (Ernesto Cortissoz), Colombia
- IBC Sao Paulo (Guarulhos-Gov Andre Franco Montoro Intl), Brazil
- IBE Aruba Island (Reina Beatrix Intl), Aruba
- IBE Belem (Val De Cans/Julio Cezar Ribeiro Intl), Brazil
- IBGA Bucaramanga (Palonegro), Colombia
- IBGI Bridgetown (Grantley Adams Intl), Barbados
- IBNA Barcelona (Gen. Jose Antonio Anzoategui Intl), Venezuela
- IBR Brasilia (PRES Juscelino Kubitschek Intl), Brazil
- IBRM Barquisimeto (Jacinto Lara Intl), Venezuela
- IBV Boa Vista (Atlas Brazil Cantanhede Intl), Brazil
- ICAR Montevideo (Carrasco Intl/Gen C L Berisso), Uruguay
- ICB Cuiaba (Marechal Rondon Intl), Brazil
- ICC Guaranta Do Norte (Campo de Provas Brig. Veloso), Brazil

**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

ICC	Coca (Francisco De Orellana), Ecuador	IGS	Sao Paulo (Guarulhos-Gov Andre Franco Montoro Intl), Brazil
ICEP	Concepcion (Carriel Sur Intl), Chile	IIPA	Isla De Pascua (Mataveri Intl), Isla De Pascua
ICES	Minga Guazu (Guarani Intl), Paraguay	IIQQ	Iquique (Diego Aracena Intl), Chile
ICF	Belo Horizonte (Tancredo Neves Intl), Brazil	IJAQ	Chiclayo (Capt FAP J A Quinones Gonzalez INTL), Peru
ICG	Campo Grande (Campo Grande Intl), Brazil	IJB	Rio De Janeiro (Galeao-Antonio Carlos Jobim Intl), Brazil
ICJ	Parauapebas (Carajas), Brazil	IJCH	Lima-Callao (Jorge Chavez Intl), Peru
ICJN	Maicao (Jorge Isaac), Colombia	IJF	Juiz De Fora (Francisco De Assis), Brazil
ICO	Sao Paulo (Congonhas), Brazil	IJK	Brasilia (PRES Juscelino Kubitschek Intl), Brazil
ICSR	Tacna (Col Carlos Ciriani Santa Rosa), Peru	IJV	Joinville (Lauro Carneiro De Loyola), Brazil
ICT	Curitiba (Afonso Pena Intl), Brazil	IKG	Campina Grande (Presidente Joao Suassuna), Brazil
ICUC	Cucuta (Camilo Daza Intl), Colombia	IKP	Campinas (Viracopos Intl), Brazil
ICUX	Cucuta (Camilo Daza Intl), Colombia	ILA	Latacunga (Cotopaxi Intl Alternative), Ecuador
IDAT	Caldera (Desierto De Atacama), Chile	ILB	Baltra I Galapagos Is (Seymour), Ecuador
IDF	Brasilia (PRES Juscelino Kubitschek Intl), Brazil	ILC	Cuenca (Mariscal Lamar), Ecuador
IDUR	Durazno (Santa Bernardina Intl), Uruguay	ILCA	Sucre (Alcantari), Bolivia
IEDR	Bogota (El Dorado Intl), Colombia	ILCO	Cochabamba (Jorge Wilstermann Intl), Bolivia
IEG	Manaus (Eduardo Gomes Intl), Brazil	ILET	Leticia (Alfredo Vasquez Cobo), Colombia
IEVG	El Vigia (Juan Pablo Perez Alfonzo), Venezuela	ILG	Guayaquil (Jose Joaquin de Olmedo Intl), Ecuador
IEYP	El Yopal, Colombia	ILJ	Ahuano (Jumandy), Ecuador
IFI	Foz Do Iguacu (Cataratas Intl), Brazil	ILM	Manta (Eloy Alfaro Intl), Ecuador
IFL	Florianopolis (Hercilio Luz Intl), Brazil	ILPA	La Paz (El Alto Intl), Bolivia
IFZ	Fortaleza (Pinto Martins Intl), Brazil		
IG	Cataratas Del Iguazu (Mayor D Carlos Eduardo Krause), Argentina		
IGDP	Tarapoto (CAP FAP Guillermo del Castillo), Peru		
IGR	Sao Paulo (Guarulhos-Gov Andre Franco Montoro Intl), Brazil		

## NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA

(See end of listing for Localizers)

ILR	Salvador (Dep. L. E. Magalhaes Intl), Brazil	IPAS	Cali (Alfonso Bonilla Aragon Intl), Colombia
ILVV	Santa Cruz (Viru Viru Intl), Bolivia	IPE	Manaus (Ponta Pelada), Brazil
IMAR	Maracaibo (La Chinita Intl), Venezuela	IPJA	Puerto Maldonado (Padre Aldamiz), Peru
IMC	Maceio (Zumbi Dos Palmares), Brazil	IPM	Belo Horizonte (Pampulha-Carlos Drummond De Andrade), Brazil
IMCI	Dalcahue (Mocopulli), Chile	IPOS	Port Of Spain (Piarco Intl), Trinidad
IMCL	Mariscal Estigarribia (Prof Dr Pac Luis Maria Argana Intl), Paraguay	IPSO	Pasto (Antonio Narino), Colombia
IMDE	Rionegro (Jose Maria Cordova), Colombia	IPST	Asuncion (Silvio Pettrossi Intl), Paraguay
IMDP	Trujillo (Cap Carlos Martinez De Pinillos Intl), Peru	IPV	Porto Velho (Governador Jorge Teixeira de Oliveira Intl), Brazil
IMER	Santiago (Arturo Merino Benitez Intl), Chile	IQN	Quito (Mariscal Sucre Intl), Ecuador
IMIQ	Maiquetia (Simon Bolivar Intl), Venezuela	IQS	Quito (Mariscal Sucre Intl), Ecuador
IMLV	Las Malvinas, Peru	IRB	Rio Branco (Placido de Castro), Brazil
IMON	Puerto Montt (El Tepual Intl), Chile	IRF	Recife (Guararapes-Gilberto Freyre Intl), Brazil
IMP	Mount Pleasant, Falkland Is	ISA	Salinas (Gen Ulpiano Paez), Ecuador
IMTR	Monteria (Los Garzones), Colombia	ISAN	Pisco, Peru
IMVD	Montevideo (Carrasco Intl/Gen C L Berisso), Uruguay	ISEC	Iquitos (Col Francisco Secada Vignetta Intl), Peru
INAS	Punta Arenas (Carlos Ibanez Del Campo Intl), Chile	ISG	Natal (Gov Aluizio Alves Intl), Brazil
INAT	Panama City (Tocumen Intl), Panama	ISJ	Sao Jose Dos Campos (Prof Urbano Ernesto Stumpf, INTL), Brazil
IND	Brasilia (PRES Juscelino Kubitschek Intl), Brazil	ISL	Sao Luis (Marechal Cunha Machado Intl), Brazil
INIA	Freire (La Araucania), Chile	ISM	Santa Maria, Brazil
INL	Nueva Loja (Lago Agrio), Ecuador	ISN	Santarem (Maestro Wilson Fonseca Intl), Brazil
INT	Natal (Augusto Severo), Brazil	ISNO	Santo Domingo, Chile
IPA	Porto Alegre (Salgado Filho Intl), Brazil	ISP	Sao Paulo (Congonhas), Brazil
IPAL	Palanquero (Capt German Olano), Colombia	ISR	Santarem (Maestro Wilson Fonseca Intl), Brazil



## NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA

(See end of listing for Localizers)

ISR	Santa Rosa (Santa Rosa Regl), Ecuador	<b>M</b>	
ISV	Salvador (Dep. L. E. Magalhaes Intl), Brazil	MP	Mar Del Plata (Astor Piazzolla), Argentina
ITA	Curitiba (Afonso Pena Intl), Brazil	<b>N</b>	
ITB	Rio De Janeiro (Galeao-Antonio Carlos Jobim Intl), Brazil	NE	Neuquen (Presidente Peron), Argentina
ITIM	Georgetown (Cheddi Jagan Intl), Guyana	<b>P</b>	
ITUY	Caracas (Oscar Machado Zuloaga Intl), Venezuela	PA	Parana (Gen Urquiza), Argentina
IUB	Uberlandia (Ten Cel Av Cesar Bombonato), Brazil	PC	Buenos Aires (Ezeiza Intl Ministro Pistarini), Argentina
IUC	Sao Paulo (Guarulhos-Gov Andre Franco Montoro Intl), Brazil	PO	Posadas (Liberador Gral D Jose De San M), Argentina
IUEL	Santiago (Arturo Merino Benitez Intl), Chile	PR	Buenos Aires (El Palomar), Argentina
IUIB	Quibdo (El Carano), Colombia	<b>R</b>	
IVAL	Valencia (Arturo Michelena Intl), Venezuela	RC	Rio Cuarto (Area De Material), Argentina
IVDM	Vina Del Mar, Chile	RH	Santiago Del Estero (Termas de Rio Hondo), Argentina
IVI	Vitoria (Eurico De Aguiar Salles), Brazil	RO	Rosario (Islas Malvinas), Argentina
IVLD	Valdivia (Pichoy), Chile	RS	Resistencia, Argentina
IYS	Pirassununga (Campo Fontenelle), Brazil	RY	Villa Reynolds, Argentina
IZAN	Zandery (J.A. Pengel Intl), Suriname	<b>S</b>	
<b>J</b>		SA	Salta (Gen. Don Martin Miguel de Guemes), Argentina
JU	Jujuy (Governador Horacio Guzman), Argentina	SJ	San Juan (Domingo Faustino Sarmiento), Argentina
<b>L</b>		SR	Santa Rosa, Argentina
LR	La Rioja (Cap Vicente A Almonacid), Argentina	SV	Santa Fe (Sauce Viejo), Argentina
		<b>T</b>	
		TR	Trelew (Almirante Zar), Argentina
		TU	Tucuman (Benjamin Matienzo), Argentina

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**NAVIGATION AIDS LISTED BY IDENTIFIER - SOUTH AMERICA**

(See end of listing for Localizers)

**U**

US Ushuaia (Malvinas Argentinas), Argentina



# Meteorology



# Meteorology

Meteorology Data - Latin America

**LATIN AMERICA**
**VOLMET BROADCASTS IN PLAIN LANGUAGE**

STATION	CALL SIGN	FREQS (kHz)	BROADCAST TIMES		FORM	BROADCAST CONTENTS
			PERIOD	H+		
New York	New York Radio	3485	H24	00-05	AERODROME FORECASTS	Detroit, Cleveland, Cincinnati
		6604				
		10051			HOURLY REPORTS	Detroit, Cleveland, Cincinnati, Indianapolis, Pittsburgh
		13270				
				05-10	SIGMET	Oceanic-New York FIR
					AERODROME FORECASTS	Bangor, Charlotte, Windsor Locks
					HOURLY REPORTS	Bangor, Windsor Locks, Norfolk, Charlotte
				10-15	AERODROME FORECASTS	New York, New-ark, Boston
					HOURLY REPORTS	New York, New-ark, Boston, Baltimore, Washington
				15-20	SIGMET	Oceanic-Miami/ San Juan FIR
					AERODROME FORECASTS	Bermuda, Miami, Atlanta
					HOURLY REPORTS	Bermuda, Miami, Nassau, Orlando, Atlanta
				30-35	AERODROME FORECASTS	Chicago, Milwaukee, Minneapolis

**LATIN AMERICA**

STATION	CALL SIGN	FREQS (kHz)	BROADCAST TIMES		FORM	BROADCAST CONTENTS
			PERIOD	H+		
					HOURLY RE- PORTS	Chicago, Detroit, Boston, Milwaukee, Minneapolis
					SIGMET	Oceanic-New York FIR
					AERODROME FORECASTS	Indianapolis, St. Louis, Pittsburgh
					HOURLY RE- PORTS	Pittsburgh, Indi- anapolis, St. Louis, Atlantic City
				40-45	AERODROME FORECASTS	Baltimore, Phila- delphia, Wash- ington
					HOURLY RE- PORTS	New York, New- ark, Boston, Bal- timore, Philadel- phia, Washing- ton
				45-50	SIGMET	Oceanic-Miami/ San Juan FIR
					AERODROME FORECASTS	Nassau, Orlando
					HOURLY RE- PORTS	Bermuda, Miami, Nassau, Orlan- do, Tampa, West Palm Beach, At- lanta

**NY Notes:**

- All stations operate on A3 emission H24.
- All broadcasts are made 24 hours daily, seven days a week.



# Meteorology

## Meteorology Data - South America

**SOUTH AMERICA  
AVAILABILITY OF VOLMET BROADCASTS**

## RADIOTELEPHONY

Identify location for which weather is desired and find station(s) disseminating broadcast. Contents of broadcast of each Station is shown below.

WEATHER FOR	AVAILABLE FROM STATIONS
Almeirim	Belem
Alta Floresta	Manaus
Altamira	Belem
Amapa	Belem
Anapolis AB	Brasilia
Antofagasta	Ezeiza, Salta
Aracaju	Recife
Ascension de Guarayos	La Paz
Asuncion	Asuncion, Ezeiza, Resistencia
Ayolas	Asuncion
Bage	Curitiba
Bahia Negra	Asuncion
Barbacena	Rio de Janeiro
Barra Do Garcas	Brasilia
Bauru	Curitiba
Belem	Belem
Belo Horizonte	Rio de Janeiro
Boa Vista	Manaus
Bom Jesus Da Lapa	Recife
Brasilia, Brasilia FIR	Brasilia, Rio de Janeiro
Buenos Aires (Jorge Newbery)	Comodoro Rivadavia, Cordoba, Resistencia, Salta
Campina Grande	Recife
Campo Grande	Curitiba
Campos	Rio de Janeiro
Caravelas	Recife
Carolina	Belem



**SOUTH AMERICA  
AVAILABILITY OF VOLMET BROADCASTS**

<b>WEATHER FOR</b>	<b>AVAILABLE FROM STATIONS</b>
Cascavel	Curitiba
Castilho	Curitiba
Caxias Do Sul (Campo Dos Bugres)	Curitiba
Chapeco	Curitiba
Cobija	La Paz
Cochabamba, Arg. FIR	Ezeiza, Salta
Cochabamba, Bol.	La Paz
Comandante Espora NAS (Bahia Blanca)	Comodoro Rivadavia
Comodoro Rivadavia FIR	Comodoro Rivadavia, Ezeiza
Conceicao Do Araguaia	Belem
Concepcion	Asuncion
Cordoba FIR	Cordoba
Corumba	Curitiba
Criciuma	Curitiba
Cruzeiro do Sul	Manaus
Cuiaba	Brasilia
Curitiba, Curitiba FIR	Curitiba
El Trompillo	La Paz
Encarnacion	Asuncion
Ezeiza FIR	Ezeiza, Comodoro Rivadavia, Resistencia
Fernando de Noronha	Recife
Florianopolis	Curitiba
Fortaleza	Recife
Foz do Iguacu	Curitiba
Goiania	Brasilia
Guajara Mirim	Manaus
Guayaramerin	La Paz
Iguazu	Salta
Ilheus	Recife

**SOUTH AMERICA  
AVAILABILITY OF VOLMET BROADCASTS**

<b>WEATHER FOR</b>	<b>AVAILABLE FROM STATIONS</b>
Imperatriz	Belem
Itacoatiara	Manaus
Itaituba	Belem
Jacareacanga	Belem
Joao Pessoa	Recife
Joinville	Curitiba
Juiz De Fora	Rio de Janeiro
Lagoa Santa	Rio de Janeiro
Lajes	Curitiba
La Paz	La Paz
La Victoria	Asuncion
Londrina	Curitiba
Macaé	Rio de Janeiro
Macapa	Belem
Maceio	Recife
Magdalena	La Paz
Manaus, Manaus FIR	Manaus
Manicore	Manaus
Mcal. Estigarribia	Asuncion
Maraba	Belem
Mendoza FIR	Cordoba, Ezeiza, Salta
Mocoro	Recife
Monte Claros	Rio de Janeiro
Montevideo FIR	Montevideo, Ezeiza
Natal	Recife
Navegantes	Curitiba
Obidos	Belem
Oiapoque	Belem
Oruro	La Paz

**SOUTH AMERICA  
AVAILABILITY OF VOLMET BROADCASTS**

<b>WEATHER FOR</b>	<b>AVAILABLE FROM STATIONS</b>
Parauapebas	Belem
Passo Fundo (Lauro Kutz)	Curitiba
Paulo Afonso	Recife
Pedro Juan Caballero	Asuncion
Pelotas	Curitiba
Petrolina	Recife
Pilar	Asuncion
Pocos de Caldas	Rio de Janeiro
Ponta Poro	Curitiba
Porto Alegre (Salgado Filho) (Canoas AB)	Ezeiza, Curitiba
Porto Nacional	Brasilia
Porto Velho, Porto Velho FIR	Manaus
Pozo Colorado	Asuncion
Presidente Prudente	Curitiba
Pudahuel	Ezeiza
Puerto Suarez	La Paz
Recife, Recife FIR	Recife
Resende	Rio de Janeiro
Resistencia FIR	Ezeiza, Resistencia, Salta
Riberalta	La Paz
Rio Branco	Manaus
Rio de Janeiro	Rio de Janeiro
Robore	La Paz
Rosana	Curitiba
Rosario	Cordoba, Resistencia
Rurrenabaque	La Paz
Salvador	Recife
San Borja	La Paz
San Carlos De Bariloche	Comodoro Rivadavia

**SOUTH AMERICA  
AVAILABILITY OF VOLMET BROADCASTS**

<b>WEATHER FOR</b>	<b>AVAILABLE FROM STATIONS</b>
San Ignacio de Moxos	La Paz
San Ignacio de Velasco	La Paz
Santa Ana	La Paz
Santa Cruz AB	Rio de Janeiro
Santa Fe	Cordoba, Resistencia
Santa Maria	Curitiba
Santarem	Belem
Santo Angelo	Curitiba
Sao Gabriel Da Cachoeira	Manaus
Sao Luis	Belem
Sao Pedro Da Aldeia	Rio de Janeiro
Sucre	La Paz
Tabatinga	Manaus
Tarauaca	Manaus
Tarija	La Paz
Tefe	Manaus
Teresina	Recife
Trinidad	La Paz
Tucuri	Belem
Uberaba	Rio de Janeiro
Uberlandia	Rio de Janeiro
Uruguaiana	Curitiba
Vilhena	Manaus
Viru Viru	La Paz
Vitoria	Rio de Janeiro
Vitoria Da Conquista	Recife
Yacuiba	La Paz

**SOUTH AMERICA**
**VOLMET BROADCASTS IN PLAIN LANGUAGE**

STATION	CALL SIGN	FREQS (kHz)	BROADCAST TIMES		FORM	BROADCAST CONTENTS & SEQUENCE
			PERIOD	H+		
Comodoro Rivadavia, Argentina	Comodoro Rivadavia Aeradio	4675 8938	0900-2400Z	30	METAR	Comodoro Riva-davia FIR and San Carlos De Bariloche, Bahia Blanca (Coman-dante Espora NAS), Buenos Aires (Jorge Newbery)
				40	AREA FORE-CASTS	Comodoro Riva-davia FIR <sup>1</sup> , Ezeiza FIR <sup>2</sup>
Cordoba, Ar-gentina	Cordoba Aeradio	5475 8952	H24	25	METAR	Cordoba FIR, Mendoza FIR, Buenos Aires (Jorge Newbery), Santa Fe (Sauce Viejo), Rosario
				45	AREA FORE-CASTS	Cordoba FIR <sup>1</sup> , Mendoza FIR <sup>2</sup> , Ezeiza FIR <sup>3</sup>
Ezeiza, Ar-gentina	Ezeiza Aeradio	2881 5601 11369	H24	15	METAR	Ezeiza FIR <sup>1</sup> , Cordoba FIR <sup>2</sup> , Mendoza FIR <sup>2</sup> , Resistencia FIR <sup>3</sup> , Comodoro Rivadavia FIR <sup>3</sup>
				01	AREA FORE-CASTS	Ezeiza FIR <sup>1</sup> , Comodoro Riva-davia FIR <sup>2</sup> , Re-sistencia FIR <sup>3</sup>

**SOUTH AMERICA**

STATION	CALL SIGN	FREQS (kHz)	BROADCAST TIMES		FORM	BROADCAST CONTENTS & SEQUENCE
			PERIOD	H+		
Resistencia, Argentina	Resistencia Aeradio	4675	H24	20	METAR	Resistencia and Buenos aires (Jorge Newbery), Rosario, Santa Fe (Sauce Viejo)
				50	AREA FORECASTS	Resistencia FIR <sup>1</sup> , Ezeiza FIR <sup>2</sup> , Cordoba <sup>3</sup>
Salta, Argentina	Salta Aeradio	5475	H24	15	METAR	Cordoba FIR and Resistencia, Cataratas del Iguazu, Buenos Aires (Jorge Newbery)
				05	AREA FORECASTS	Cordoba FIR <sup>1</sup> , Resistencia FIR <sup>2</sup> , Mendoza FIR <sup>3</sup>
Brasilia, Brazil (Intl)	Meteoro Brasilia	132.15 (MHz) 132.25 (MHz) 132.40 (MHz) 132.55 (MHz) 132.60 (MHz)	H24	Continuous	METAR <sup>4</sup> SPECI <sup>4</sup> & TAF <sup>4</sup> , SIG-MET <sup>5</sup>	Brasilia FIR
Curitiba, Brazil (Intl)	Meteoro Curitiba	132.05 (MHz) 132.45 (MHz)	H24	Continuous	METAR <sup>4</sup> SPECI <sup>4</sup> & TAF <sup>4</sup> , SIG-MET <sup>5</sup>	Curitiba FIR

**SOUTH AMERICA**

STATION	CALL SIGN	FREQS (kHz)	BROADCAST TIMES		FORM	BROADCAST CONTENTS & SEQUENCE
			PERIOD	H+		
Manaus, Brazil (Eduardo Gomes)	Meteoro Amazonico	132.05 (MHz) 132.10 (MHz) 132.15 (MHz) 132.25 (MHz) 132.30 (MHz) 132.40 (MHz) 132.45 (MHz) 132.50 (MHz)	H24	Continuous	METAR <sup>4</sup> SPECI <sup>4</sup> & TAF <sup>4</sup> , SIG-MET <sup>5</sup>	Amazonico FIR
Recife, Brazil (Guararapes)	Meteoro Recife	123.95 (MHz) 124.90 (MHz)	H24	Continuous	METAR <sup>4</sup> SPECI <sup>4</sup> & TAF <sup>4</sup> , SIG-MET <sup>5</sup>	Recife FIR
Carrasco, Uruguay	Carrasco Radio	8873 5451	H24	15	METAR, SPECI & TAF	Montevideo FIR

<sup>1</sup> Broadcast every hour.

<sup>2</sup> Broadcast even hours only.

<sup>3</sup> Broadcast odd hours only.

<sup>4</sup> Available by prior request at predetermined time.

<sup>5</sup> This meteorological information will be provided for enroute aircraft where meteorological phenomena are forecast or observed.



# Air Traffic Control





# Air Traffic Control

State Rules and Procedures - Latin  
America

## **LATIN AMERICA REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

### **1 INTRODUCTION**

**1.1** The constant world-wide growth of air traffic, the operational need for aircraft to fly at, or nearest to their optimum flight level, and the demand for a better use of airspace have prompted the implementation of Reduced Vertical Separation Minima (RVSM) of 1000 feet above FL 290 in the different regions of ICAO, such as North Atlantic, Asia-Pacific, Europe, South Atlantic EUR/SAM (SAT) corridor, Western Atlantic Route System (WATRS) and the Mid-East, demonstrating its advantages and that, without any doubt, RVSM represents the best solution to increase the availability of optimum flight levels while at the same time maintaining the required safety levels.

**1.2** Aircraft operators and providers of Air Transit Services will be able to obtain significant benefits with the implementation of RVSM in the CAR/SAM regions that, among others, include:

- a. Improved availability of optimum flight levels;
- b. Improved use of airspace;
- c. Increased airspace capacity;
- d. Use of standardized ATC procedures;
- e. Application of uniform separation minima;
- f. Reduced ground delays and;
- g. Fuel savings of approximately 1% for flights operating at, or very close to optimum flight levels.

**1.3** ICAO Document 9574-Implementation Manual of Minimum Vertical Separation of 300m (1000 ft) between FL 290 and FL 410 Inclusive-contains ample explanations for the safe implementation of RVSM.

### **2 IDENTIFICATION OF RVSM AIRSPACE**

**2.1** The airspace between FL 290 and FL 410 inclusive has been designated as RVSM airspace.
















**2.2** The minimum vertical separation applied in RVSM airspace described in the above paragraph is 1,000 ft.

**2.3** RVSM has been implemented in the national airspace of southern Canada, North American United States, Mexico, Central America, the Caribbean and South America.

#### **2.4 RVSM FLIGHT LEVEL ASSIGNMENT SYSTEM (FLAS)**

**2.4.1** The assignment of flight levels in airspace designated as RVSM will be performed according to the following RVSM Cruising Altitudes table:

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<b>CRUISING LEVELS APPROPRIATE TO DIRECTION OF FLIGHT (FL280 TO FL430)</b>		
<b>Track from 180 degrees to 359 degrees</b>		<b>Track from 000 degrees to 179 degrees</b>
	FL430	(outside RVSM airspace)
	FL410	
	FL400	
	FL390	
	FL380	
	FL370	
	FL360	
	FL350	
	FL340	
	FL330	
	FL320	
	FL310	
	FL300	
	FL290	
	FL280	(outside RVSM airspace)

### **3 AIRWORTHINESS/OPERATIONS APPROVAL AND MONITORING**

#### **3.1 RVSM APPROVAL**

Aircraft operators that conduct or wish to conduct flights in RVSM airspace must obtain RVSM approval from the State of Registry providing the operator complies with the following conditions:

- a. The aircraft satisfies the specifications of “aircraft system performance minima” (MASPS) of the State of Registry.

## **LATIN AMERICA REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

- b. The aircraft is operated under the conditions listed in the RVSM operative approval by the operator's state.

*NOTE: Normally for the operators of general aviation aircraft, the State of Registry coincides with the operator's state.*

### **3.2 AIRCRAFT MONITORING**

Aircraft operators that conduct or wish to conduct flights in RVSM airspace must participate in the RVSM Monitoring Program, which provides confirmation that the aircraft meets the height keeping performance requirements.

**3.2.1** Aircraft operators must present a compliance plan for initial monitoring requirements to their respective Civil Aviation Authority.

**3.2.2** The Regional Monitoring Agency for the Caribbean and South America (CARSAMMA) administers the RVSM Monitoring Program in the CAR/SAM regions. CARSAMMA shares monitoring information, including RVSM approval facts, with other ICAO regions.

### **3.3 DOCUMENTATION FOR RVSM APPROVAL, MONITORING, AND OPERATION**

**3.3.1** Refer to State authority(s) for anticipated flights into, or out of, the respective countries.

## **4 FLIGHT PLANNING**

### **4.1 RVSM APPROVED AIRCRAFT**

**4.1.1** When planning to operate an aircraft in RVSM airspace the operator must indicate the status of RVSM approval by placing the letter W in box 10 of the flight plan, independent of the required flight level.

**4.1.2** In cases of repetitive flight plans, the operator must indicate the status of RVSM approval by placing the letter **W** on point Q of the RPL, independent of the required flight level, in the following manner: EQPT/W.

### **4.2 NON-RVSM APPROVED AIRCRAFT**

#### **4.2.1 State Aircraft Without RVSM Approval**

*NOTE: State aircraft are those utilized in military, customs, or police service (Art. 3 of International Civil Aviation Convention).*

**4.2.1.1** State aircraft without RVSM approval are permitted to operate in RVSM airspace in the CAR/SAM regions. A presented flight plan constitutes prior notice to ATC that an aircraft is requesting to operate in RVSM airspace. State aircraft without RVSM approval presenting flight plans that enter RVSM airspace must include the following in box 18 of the flight plan: STS/NON RVSM and RMK/STATE AIRCRAFT.

LATIN AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)**4.2.2 Civil Aircraft Without RVSM Approval****4.2.2.1 International Flights**

**4.2.2.1.1** Civil aircraft without RVSM approval planning international flights must not flight plan at RVSM flight levels.

**4.2.2.1.2** Ascent and descent through RVSM airspace is only authorized to aircraft without RVSM approval that require attaining a level other than the RVSM strata, given that the climbing or descending aircraft is at a standard level and that it doesn't stop at any intermediate altitude in the RVSM airspace.

Exceptions:

- a. Ferry Flights: aircraft that are being delivered for the first time to the State of Registry or to the operator.
- b. Maintenance Flights: aircraft that have previous RVSM approval but have suffered an equipment failure and are flying to a maintenance facility for repairs in order to comply with the RVSM requirements and or obtain approval.
- c. Humanitarian Flights: aircraft that are being used for charity or humanitarian ends.

**4.2.2.1.3** Aircraft operators in the previously indicated cases must:

- a. obtain ACC authorization not more than 12 hours nor less than 4 hours before the planned departure;

*NOTE: Humanitarian or charity flights are considered exceptions, but it is preferred that the established time table is followed, flight planning allowing.*

- b. Inform all ACCs affected by the flight of said authorization;
- c. Insert the text STS/NON RVSM in box 18 of the flight plan form;
- d. Insert the text "RMK/STATE ACFT" or "RMK/HUMANITARIAN FLIGHT;" or "RMK/FERRY;" or "RMK/MAINT;" as appropriate on the flight plan box.

**4.2.2.1.4** This ATC authorization process is established to comply with the above procedure only, and will not be used as a method to circumvent the normal RVSM approval process.

**4.2.2.2 National Flights (domestic)**

Additional requirements to Complete the Flight Plan Form:

**4.2.2.2.1** Civil aircraft operators without RVSM approval must not place the letter W in box 10 of the flight plan form.

**4.2.2.2.2** Civil aircraft operators without RVSM approval must not place flight levels between FL290 and FL410, inclusive, in box 15 of the flight plan form.

**4.2.2.2.3** Civil aircraft operators without RVSM approval with the intention of entering RVSM airspace must place the desired flight level in box 18 in the following manner: STS/FLXXX and, as an observation (RMK/), the RVSM entry point and the estimated time.

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### ***Additional Requirements to Complete the Repetitive Flight Plan Form:***

**4.2.2.2.4** In case of a Repetitive Flight Plan, the lack of RVSM approval must be indicated, independently of the required flight level, by placing the following code in box Q of the flight plan: EQPT/-

**4.2.2.2.5** Civil aircraft operators without RVSM approval must not place flight levels between FL290 AND FL410, inclusive, in box "O" of the repetitive flight plan form.

**4.2.2.2.6** Civil aircraft operators without RVSM approval with the intention of entering RVSM airspace must place the desired flight level in box "Q" in the following manner: STS/FLXXX and, as an observation (RMK/), the RVSM entry point and the estimated time.

## **5 SUSPENSION OF RVSM PROCEDURES**

**5.1** ATS will consider the suspension of RVSM procedures when pilots report turbulence greater than moderate. When RVSM procedures are suspended, the minimum vertical separation between all aircraft will be 2,000 feet.

## **6 OPERATIONAL PROCEDURES FOR CREWS PREPARING TO ENTER RVSM AIRSPACE**

**6.1** Before entering RVSM airspace, the Pilot in Command of aircraft with RVSM approval must verify that the following equipment required to fly in RVSM airspace in functioning normally:

- a. Two independent primary altimetric systems;
- b. Mode C transponder SSR;
- c. Altitude alert system;
- d. Automatic altitude maintenance system.

**6.2** If any of the equipment listed above is inoperative, the pilot must notify ATC before entering RVSM airspace, using the phraseology: "RVSM UNABLE DUE TO EQUIPMENT."

## **7 OPERATIONAL PROCEDURES AFTER ENTERING RVSM AIRSPACE**

**7.1** During changes in flight level, an aircraft must not overshoot or undershoot it's cleared flight level (CFL) by more than 150 ft.

### **7.2 FAILURE OF SINGLE PRIMARY ALTIMETER SYSTEM**

**7.2.1** In the event one of the Primary Altimeter Systems fails, but the remaining system is functioning normally, the pilot must:

- a. Couple that system to the Automatic Altitude Keeping Device (AKD);
- b. Maintain increased vigilance of altitude keeping; and
- c. Notify ATC of the system failure, using the following phraseology; "FOR INFORMATION, OPERATING WITH ONE ALTIMETRIC SYSTEM ONLY."

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### **7.3 FAILURE OF ALL PRIMARY ALTIMETER SYSTEMS**

**7.3.1** In the event a failure of all Primary Altimeter Systems occurs, or if these systems are considered untrustworthy, the pilot must:

- a. Maintain the flight level indicated by the standby altimeter (if the aircraft is so equipped) at the moment of failure or at the moment that the equipment is considered untrustworthy;
- b. Alert nearby aircraft by illuminating all exterior lighting, and, if not in direct contact with ATC, transmit position, flight level, and intentions on 121.5 MHz;
- c. Notify ATC of the system failure, using the phraseology, "RVSM UNABLE DUE TO EQUIPMENT;"

### **7.4 DISCREPANCY IN PRIMARY ALTIMETER SYSTEMS**

**7.4.1** In the event of a discrepancy greater than 200 feet between primary altimeters, the pilot must;

- a. Attempt to determine the defective system through established procedures and/or by comparing the primary altimeters to the standby altimeter (if required utilizing the correction card).
- b. If the defective system can be identified, couple the functioning altimetric system to the altitude maintenance system and proceed according to FAILURE OF SINGLE PRIMARY ALTIMETER SYSTEM procedures.
- c. If the defective system can not be identified, proceed according to FAILURE OF ALL PRIMARY ALTIMETER SYSTEMS procedures.

### **7.5 FAILURE OF MODE C SSR TRANSPONDER**

**7.5.1** In the event of Mode C SSR transponder failure, the pilot must notify ATC using the phraseology, "RVSM UNABLE DUE TO EQUIPMENT;"

### **7.6 FAILURE OF ALTITUDE ALERT SYSTEM**

**7.6.1** The pilot must notify ATC in the event of altitude alert system failure using the phraseology, "RVSM UNABLE DUE TO EQUIPMENT;"

### **7.7 FAILURE OF AUTOMATIC ALTITUDE KEEPING DEVICE (AKD)**

**7.7.1** In the event of automatic Altitude Keeping Device system failure, the pilot must complete the following actions in the following order:

- a. Maintain the cleared flight level (CFL);
- b. Evaluate the capacity of the aircraft to maintain the assigned flight level through manual control;
- c. Maintain separation with conflicting aircraft by visual scanning and by reference to ACAS;
- d. Alert nearby aircraft by illuminating all exterior lighting, and, if not able to establish direct contact with ATC, transmit position, flight level, and intentions on 121.5 MHz;

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- e. Notify ATC of the system failure, using the phraseology, “RVSM IMPOSSIBLE DUE TO EQUIPMENT.”

**7.8 GUIDANCE FOR PILOTS AND CONTROLLERS FOR ACTIONS IN THE  
EVENT OF AIRCRAFT SYSTEM MALFUNCTION OR TURBULENCE  
GREATER THAN MODERATE**

**7.8.1 Contingency Scenarios**

The following paragraphs summarize pilot action to mitigate the potential for conflict with other aircraft in certain contingency situations. They should be reviewed in conjunction with the expanded contingency scenarios which contain additional technical and operational details.

**Scenario 1: The pilot is: (a) unsure of the vertical position of the aircraft due to the loss or degradation of all primary altimetry systems, or (b) unsure of the capability to maintain cleared flight level (CFL) due to turbulence or loss of all automatic altitude control systems.**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
Maintain CFL while evaluating the situation;	
Watch for conflicting traffic both visually and by reference to ACAS, if equipped;	
If considered necessary, alert nearby aircraft by (a) making maximum use of exterior lights; (b) broadcasting position, FL, and intentions on 121.5 MHz (as a backup, the VHF inter-pilot air-to-air frequency, 123.45 MHz, may be used).	
Notify ATC of the situation and intended course of action. Possible courses of action include:	Obtain the pilot's intentions and pass essential traffic information.



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**Scenario 1: The pilot is: (a) unsure of the vertical position of the aircraft due to the loss or degradation of all primary altimetry systems, or (b) unsure of the capability to maintain cleared flight level (CFL) due to turbulence or loss of all automatic altitude control systems. (continued)**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
(a) maintaining the CFL and route provided that ATC can provide lateral, longitudinal or conventional vertical separation.	(a) If the pilot intends to continue in RVSM airspace, assess traffic situation to determine if the aircraft can be accommodated through the provision of lateral, longitudinal, or conventional vertical separation; and, if so, apply the appropriate minimum.
(b) requesting ATC clearance to climb above or descend below RVSM airspace if the aircraft cannot maintain CFL and ATC cannot establish adequate separation from other aircraft.	(b) If the pilot requests clearance to exit RVSM airspace, accommodate expeditiously, if possible.  (c) If adequate separation cannot be established and it is not possible to comply with the pilot's request for clearance to exit RVSM airspace, advise the pilot of essential traffic information, notify other aircraft in the vicinity and continue to monitor the situation.  Notify adjoining ATC facilities/sectors of the situation.

**Scenario 2: There is a failure or loss of accuracy of one primary altimetry system (e.g., greater than 200 feet difference between primary altimeters).**

<b>The Pilot should:</b>	
Cross check standby altimeter, confirm the accuracy of a primary altimeter system and notify ATC of the loss of redundancy. If unable to confirm primary altimeter system accuracy, follow pilot actions listed in the preceding scenario.	

## **7.8.2 Expanded Equipment Failure And Turbulence Encounter Scenarios**

Operators may consider this material for use in training programs.

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**Scenario 1: All automatic altitude control systems fail (e.g., Automatic Altitude Hold)**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
<b>Initially</b>	
Maintain CFL	
Evaluate the aircraft's capability to maintain altitude through manual control.	
<b>Subsequently</b>	
Watch for conflicting traffic both visually and by reference to ACAS, if equipped.	
If considered necessary, alert nearby aircraft by (a) making maximum use of exterior lights; (b) broadcasting position, FL, and intentions on 121.5 MHz (as a backup, the VHF inter-pilot air-to-air frequency, 123.45 MHz, may be used).	
Notify ATC of the situation and intended course of action. Possible courses of action include:	
(a) maintaining the CFL and route provided that the aircraft can maintain level.	(a) If the pilot intends to continue in RVSM airspace, assess traffic situation to determine if the aircraft can be accommodated through the provision of lateral, longitudinal, or conventional vertical separation; and, if so, apply the appropriate minimum.
(b) requesting ATC clearance to climb above or descend below RVSM airspace if the aircraft cannot maintain CFL and ATC cannot establish lateral, longitudinal or conventional vertical separation.	(b) If the pilot requests clearance to exit RVSM airspace, accommodate expeditiously, if possible.  (c) If adequate separation cannot be established and it is not possible to comply with the pilot's request for clearance to exit RVSM airspace, advise the pilot of essential traffic information, notify other aircraft in the vicinity and continue to monitor the situation.  Notify adjoining ATC facilities/sectors of the situation.

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**Scenario 2: Loss of redundancy in primary altimetry systems**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
If the remaining altimetry system is functioning normally, couple that system to the automatic altitude control system, notify ATC of the loss of redundancy and maintain vigilance of altitude keeping.	Acknowledge the situation and continue to monitor progress.

**Scenario 3: All primary altimetry systems are considered unreliable or fail**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
Maintain CFL by reference to the standby altimeter (if the aircraft is so equipped).	
Alert nearby aircraft by: (a) making maximum use of exterior lights; (b) broadcasting position, FL, and intentions on 121.5 MHz (as a backup, the VHF inter-pilot air-to-air frequency, 123.45 MHz, may be used).	
Consider declaring an emergency. Notify ATC of the failure and intended course of action. Possible courses of action include:	Obtain pilot's intentions, and pass essential traffic information.
(a) maintaining CFL and route provided that ATC can provide lateral, longitudinal or conventional vertical separation.	(a) If the pilot intends to continue in RVSM airspace, assess traffic situation to determine if the aircraft can be accommodated through the provision of lateral, longitudinal, or conventional vertical separation; and, if so, apply the appropriate minimum.

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**Scenario 3: All primary altimetry systems are considered unreliable or fail (continued)**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
(b) requesting ATC clearance to climb above or descend below RVSM airspace if ATC cannot establish adequate separation from other aircraft.	(b) If the pilot requests clearance to exit RVSM airspace, accommodate expeditiously, if possible.
	(c) If adequate separation cannot be established and it is not possible to comply with the pilot's request for clearance to exit RVSM airspace, advise the pilot of essential traffic information, notify other aircraft in the vicinity and continue to monitor the situation.  Notify adjoining ATC facilities/sectors of the situation.

**Scenario 4: The primary altimeters diverge by more than 200 ft (60 m)**

<b>The Pilot should:</b>	
Attempt to determine the defective system through established trouble-shooting procedures and/or comparing the primary altimeter display to the standby altimeter (as corrected by the correction cards, if required).	
If the defective system can be determined, couple the functioning altimeter system to the altitude-keeping device.	
If the defective system cannot be determined, follow the guidance in Scenario 3 for failure or unreliable altimeter indications of all primary altimeters.	

**Scenario 5: Turbulence (greater than moderate) which the pilot believes will impact the aircraft's capability to maintain flight level**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
<b>Subsequently</b>	
Watch for conflicting traffic both visually and by reference to ACAS, if equipped.	

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**Scenario 5: Turbulence (greater than moderate) which the pilot believes will impact the aircraft's capability to maintain flight level (continued)**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
<p>If considered necessary, alert nearby aircraft by</p> <ul style="list-style-type: none"> <li>(a) making maximum use of exterior lights;</li> <li>(b) broadcasting position, FL, and intentions on 121.5 MHz (as a backup, the VHF inter-pilot air-to-air frequency, 123.45 MHz, may be used).</li> </ul>	
<p>Notify ATC of the situation and intended course of action. Possible courses of action include:</p>	
<ul style="list-style-type: none"> <li>(a) maintaining CFL and route ATC can provide lateral, longitudinal or conventional vertical separation.</li> </ul>	<ul style="list-style-type: none"> <li>(a) Assess traffic situation to determine if the aircraft can be accommodated through the provision of lateral, longitudinal, or conventional vertical separation; and, if so, apply the appropriate minimum.</li> </ul>
<ul style="list-style-type: none"> <li>(b) requesting flight level change, if necessary.</li> </ul>	<ul style="list-style-type: none"> <li>(b) If unable to provide adequate separation, advise the pilot of essential traffic information and request pilot's intentions.</li> <li>(c) Notify other aircraft in the vicinity and monitor the situation.</li> </ul> <p>Notify adjoining ATC facilities/sectors of the situation.</p>

## **8 SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES IN OCEANIC OR REMOTE AREAS**

### **8.1 INTRODUCTION**

**8.1.1** Although it is not possible to cover all possible contingencies, the following procedures foresee the most frequent cases, such as:

- a. Inability to maintain assigned flight level due to meteorological conditions, aircraft performance, or depressurization;
- b. Enroute diversion across the prevailing traffic flow; and
- c. Loss or significantly diminished navigation capacity required to conduct operations in airspace in which precision navigation performance is a prerequisite for the safe completion of flight operations.

**8.1.2** The procedures mentioned above are to be applied primarily when a rapid descent and/or a turn-back or diversion is required. The pilots must determine, at their discretion, the order of

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measures to be adopted taking in account the prevailing circumstances. Air traffic control will provide all assistance possible.

### **8.2 GENERAL PROCEDURES**

**8.2.1** If an aircraft is unable to continue flight in accordance with ATC authorization, and/or the aircraft cannot maintain the precision navigation performance specified in the airspace, a revised clearance shall be obtained, whenever possible, prior to initiating any action.

**8.2.2** When appropriate, the pilot must use the distress signal (MAYDAY) or the urgent signal (PANPAN) preferably repeated three times.

**8.2.3** If prior clearance cannot be obtained, until a revised clearance is received the following contingency procedures should be employed and the pilot shall advise air traffic control as soon as practicable, reminding them of the type of aircraft involved and the nature of the problem. In general terms, the aircraft should be flown at a flight level and on an offset track where other aircraft are least likely to be encountered. Specifically, the pilot shall:

- a. leave the assigned route or track by initially turning at least 45 degrees to the right or to the left, in order to acquire a same or opposite direction track offset 15 NM (28km) from the assigned track centerline. When possible, the direction of the turn should be determined by the position of the aircraft relative to any organized route or track system. Other factors which may affect the direction of the turn are:
  1. the direction to an alternate airport;
  2. terrain clearance;
  3. any strategic lateral offset being flown; and
  4. the flight levels allocated on adjacent routes or tracks;
- b. having initiated the turn:
  1. if unable to maintain the assigned flight level, initially minimize the rate of descent to the extent that is operationally feasible (pilots should take into account the possibility that aircraft below on the same track may be flying a 1 or 2 NM strategic lateral offset procedure (SLOP)) and select a final altitude which differs from those normally used by 150m (500 ft) if at or below FL 410, or by 300m (1000 ft) if above FL 410;  
or
  2. if able to maintain the assigned flight level, once the aircraft has deviated 19km (10 NM) from the assigned track centerline, climb or descend to select a flight level which differs from those normally used by 150m (500 ft), if at or below FL 410, or by 300m (1000 ft) if above FL 410;
- c. establish communications with and alert nearby aircraft by broadcasting, at suitable intervals on 121.5 MHz (or, as a backup, on the inter-pilot air-to-air frequency 123.45 MHz) and where appropriate on the frequency in use: aircraft identification, flight level, position (including the ATS route designator or the track code, as appropriate) and intentions;
- d. maintain a watch for conflicting traffic both visually and by reference to ACAS (if equipped);

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- e. turn on all aircraft exterior lights (commensurate with appropriate operating limitations); and
- f. keep the SSR transponder on at all times.

### **8.2.4 Extended Range Operations by Aircraft with Two-Turbine Power-Units (ETOPS)**

**8.2.4.1** If established contingency procedures are employed by a twin engine aircraft due to engine failure or due to critical ETOPS system failure, the pilot must notify ATC as soon as practical, advising ATC of the type of aircraft in use and request immediate assistance.

## **8.3 DEVIATION PROCEDURES DUE TO METEOROLOGICAL CONDITIONS**

### **8.3.1 General**

*NOTE: The following procedures are intended for deviations due to adverse meteorological conditions.*

**8.3.1.1** When the pilot initiates communications with ATC, a rapid response can be obtained using the phraseology, "WEATHER DEVIATION REQUIRED" to indicate desired ATC priority and response. When necessary, the pilot should initiate communications employing the urgency call of "PAN PAN" (preferably repeated three times).

**8.3.1.2** The pilot will notify ATC when a deviation due to meteorological conditions is no longer required, or when the deviation has been completed and the aircraft has returned to the centerline of the cleared route.

**8.3.1.3** Measures to be adopted when pilot-controller communications are established:

**8.3.1.3.1** The pilot must notify ATC and request clearance to deviate from the course, indicating, when possible, the extent of the anticipated deviation.

**8.3.1.3.2** ATC should adopt one of the following measures:

- a. when possible, apply the appropriate separation, expediting the authorization to deviate from course; or
- b. if conflicting traffic and ATC can not establish appropriate separation, ATC shall:
  1. Notify the pilot of inability to issue clearance for the requested deviation;
  2. Advise the pilot of the conflicting traffic; and
  3. Ask the pilot to state intentions.

Phraseology example:

"(requested deviation) UNABLE, THE TRAFFIC IS (call sign, position, altitude, heading), STATE INTENTIONS."

**8.3.1.3.3** The pilot must adopt the following measures:

- a. Comply with the ATC clearance; or
- b. Notify ATC of intentions and execute the procedures detailed below.

**8.3.1.3.4** Measures to adopt if unable to obtain revised ATC clearance.

**LATIN AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

*NOTE: The steps contained in this section are to be applied in cases in which the pilots must exercise their authority as Pilot in Command.*

**8.3.1.3.5** If it is required that the aircraft deviates from its course to avoid adverse meteorological conditions and can not obtain prior clearance, clearance must be obtained as soon as possible. Until ATC clearance is obtained, the pilot will take the following measures:

- a. To the extent possible, deviate from the organized system of courses and routes;
- b. Establish communications and alert near-by aircraft, transmitting by radio at appropriate intervals aircraft identification, flight level, aircraft position (including the ATC route designator or the course code, as appropriate) and pilot intentions, on the frequency in use as well as 121.5 MHz (or, as a standby, on the air-to-air frequency of 123.45 for pilot communications);
- c. Maintain due vigilance to avoid entering into conflict, using visual scanning methods and by reference to ACAS (if so equipped);

*NOTE: If, as a result of actions taken under the steps above, the pilot determines that there is another aircraft nearby or at the same flight level, with which a conflict could occur, the pilot must adjust the flight trajectory, as necessary, to avoid said conflict.*

- d. Illuminate all exterior aircraft lighting (taking into account pertinent operational limitations);
- e. In the event of deviations less than 10 NM, the aircraft must maintain the flight level assigned by ATC;
- f. In the event of deviations greater than 10 NM, when the aircraft is approximately 10 NM from the course, initiate a level change in accordance with the following criteria:

Route Centerline/Track	Deviations > 10 NM	Altitude Change
EAST deg	LEFT OF COURSE	DESCEND 300 feet
000-179M	RIGHT OF COURSE	CLIMB 300 feet
WEST deg	LEFT OF COURSE	CLIMB 300 feet
180-359M	RIGHT OF COURSE	DESCEND 300 feet

- g. When returning to the course, the pilot must maintain the assigned flight level when the aircraft is within approximately 10 NM of the course centerline; and
- h. If contact has not been established before deviating, the pilot should attempt to contact with ATC to obtain clearance. If contact is established, continue notifying ATC of intentions and obtaining essential information concerning the flight.

## **9 OPERATION OF NON-RVSM APPROVED AIRCRAFT IN RVSM AIRSPACE**

**9.1** Aircraft not approved for RVSM operations for international flight will not be approved for operations in RVSM airspace, with the exception of the cases mentioned below.



**LATIN AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

**9.2** With prior coordination, state aircraft without RVSM approval will be permitted to operate in RVSM airspace. Prior coordination will consist of the following text in box 18 of the Flight Plan: "STS/NON-RVSM" and "RMK/STATE ACFT." It is necessary to apply a vertical separation of 2000 feet between aircraft without RVSM approval and all other aircraft.

**9.3** With prior coordination, ferry flights, maintenance flights, and humanitarian flights will be permitted to operate in RVSM airspace. If they leave any FIR, they must obtain authorization from the corresponding ACC normally no more than 12 hours and no less than 4 hours prior to the anticipated departure. The operator must notify all the affected ACC's across the route of flight of this authorization. The following text must be included in box 18 of the Flight Plan: "STS/ NON-RVSM" and "RMK/HUMANITARIAN FLIGHT;" or "RMK/FERRY;" or "RMK/MAINT," as appropriate. It is necessary to apply a minimum vertical separation of 2000 feet between aircraft without RVSM approval and all other aircraft.

**9.4** Aircraft conducting national flights (domestic) without RVSM approval that are not State Aircraft, ferry flights, maintenance flights, or humanitarian flights will only be allowed to fly in RVSM airspace until June 1, 2006.

**9.5** Those operators requesting to enter RVSM airspace must establish contact with the ACC jurisdiction to determine the most convenient hours for entry. Entry into RVSM airspace depends on traffic and controller workload.

**9.6** Aircraft without RVSM approval will only be cleared to enter RVSM airspace with sufficient communications coverage.

**9.7** Aircraft with RVSM approval will be given preference in the utilization of flight levels.

**9.8** Aircraft without RVSM approval must present a Flight Plan to carry out the flight outside of the limits of RVSM airspace (FL290 TO FL410, inclusive).

**9.9** Due to traffic or work load, aircraft without RVSM approval may be instructed to fly outside of RVSM airspace.

**9.10** If airspace safety is compromised due to entry of aircraft without RVSM approval into RVSM airspace, the Appropriate Aeronautical Authority may suspend, at any moment, the authorization of said flight in RVSM airspace.

**10 SPECIAL PROCEDURES FOR STRATEGIC LATERAL  
OFFSETS IN CONTROLLED OCEANIC AREAS AND REMOTE  
CONTINENTAL AIRSPACE**

*NOTE: The following lateral offset procedures are applicable for the mitigation of the increasing overlap due to increased navigation accuracy and wake turbulence encounters.*

**10.1** The use of precision navigation systems (such as the Global Navigation Satellite System (GNSS)), by an increasing number of aircraft has had the effect of reducing the number of lateral deviations with respect to route centerline and, consequently, increasing the probability of a collision should a loss of vertical separation between aircraft navigating on the same route occur.

## **LATIN AMERICA REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

**10.2** The application of lateral offsets to provide lateral separation between aircraft, in accordance with the procedures specified below, may be used to mitigate the effect of said reduction of lateral deviations thereby increasing the safety of the entire system.

### **10.3 IMPLEMENTATION CONSIDERATIONS FOR ATS AUTHORITIES**

The application of lateral offsets requires authorization from the authority responsible for the corresponding airspace. The following considerations will be taken into account by the ATS authority when planning authorization of the use of strategic lateral offsets in a particular airspace.

- a. Strategic lateral offsets will only be authorized in oceanic or remote continental airspace. When a part of the pertinent airspace is controlled by radar, transiting aircraft normally must obtain authorization to initiate or continue the offset;
- b. Strategic lateral offsets will be authorized for the following types of routes (including intersections between routes and route systems):
  1. unidirectional and bidirectional routes; and
  2. parallel route systems in which separation between route centerlines is not less than 30 NM;
- c. In some cases, it may be necessary to impose restrictions on the utilization of strategic lateral offsets; for example, when its application could be inappropriate for reasons relative to the margin of obstacle clearance;
- d. These offset procedures should be applied regionally with due coordination between all pertinent States;
- e. The routes or airspace in which strategic lateral offsets are authorized, such as mandatory procedures, will be published independently through State Authorities and that control the route or airspace in question;
- f. Air traffic controllers will be informed about airspace in which strategic lateral offsets are authorized.

### **10.4 MANDATORY LATERAL OFFSETS**

In the application of strategic lateral offsets, pilots should take the following points into consideration:

- a. offsets will only be applied in airspace authorized by the pertinent ATS authority;
- b. only aircraft with automatic offset capacity will be authorized for offsets;
- c. flight crews are responsible for the decision to apply strategic lateral offsets;
- d. the offset will be one or two nautical miles to the right of centerline, with respect to the direction of flight;
- e. The strategic lateral offset procedure has been designed to include offsets necessary to mitigate the effects of wake turbulence of a preceding aircraft. When necessary to avoid wake turbulence, the pilot will use one of three available options (maintain route centerline, or deviate 1 or 2 NM right of route centerline);

**LATIN AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

- f. In the airspace where the use of lateral offsets has been authorized, pilots are not required to inform air traffic control (ATC) that an offset is being applied; and
- g. Aircraft transiting areas of radar coverage in airspace where offset tracking is permitted may initiate or continue an offset.

**10.5** Pilots may, if necessary, establish contact with other aircraft on the air-to-air frequency 123.45 to coordinate lateral offsets.

## **11 RVSM PHRASEOLOGY**

<b>Circumstance</b>	<b>Phraseology</b>
Reduced Vertical Separation Minima Operations	
... to ascertain aircraft RVSM approval status	a) CONFIRM RVSM APPROVED
... to report RVSM approval status	*b) AFFIRM RVSM
... to report RVSM non-approved status followed by supplementary information	*c) NEGATIVE RVSM (supplementary information, for example aircraft call sign)
... to deny ATC clearance into RVSM airspace	d) UNABLE TO ISSUE CLEARANCE INTO RVSM AIRSPACE, MAINTAIN (or DESCEND TO or CLIMB TO) level
... to report when severe turbulence affects the ability of an aircraft to maintain height-keeping requirements for RVSM	*e) UNABLE RVSM DUE TURBULENCE
... to report that the equipment of an aircraft has degraded below minimum aircraft system performance standards	*f) UNABLE RVSM DUE EQUIPMENT
... to request an aircraft to provide information as soon as RVSM approved status has been regained or the pilot is ready to resume RVSM operations	g) REPORT WHEN ABLE TO RESUME RVSM
... to request confirmation that an aircraft has regained RVSM approved status or a pilot is ready to resume RVSM operations	h) CONFIRM ABLE TO RESUME RVSM
... to report ability to resume RVSM operations after equipment or weather related contingency	*i) READY TO RESUME RVSM
	* Indicates pilot transmission

**BELIZE  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Air traffic services are provided by Belize ATS units below FL190 (FL200 Belize TMA) over Belize and its territorial waters. CENAMER ACC/FIC provides air traffic services at and above FL190 (FL200 Belize TMA) and in the oceanic airspace below FL190 in the Central American FIR.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation position reporting, etc., generally in excess of 2 to 3 NM	Nautical Miles and Tenths (spoken as "miles")
Relatively short distances such as those relating to airport (e.g., runway lengths, distances of obstructions from runway or of facilities from the airport where accuracy of greater than one tenth of a nautical mile is required)	Feet
Position reporting and ranges from touchdown	Nautical Miles and/or Fractions Thereof (spoken as "miles")
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and taking off	Degrees Magnetic
Visibility <i>NOTE: Visibility of less than 10km may be given in meters</i>	Kilometers or Meters
Altimeter setting	Inches of Mercury (Hectopascals on Request)
Temperature	Degrees Celsius
Weight	Pounds (Avoirdupois)
Time	Hours and Minutes, the day of 24 hrs beginning at midnight UTC

**BELIZE  
RULES AND PROCEDURES**
**WGS-84 COMPLIANT**
**FLIGHT PROCEDURES**
**HOLDING**

Holding procedures comply with Jeppesen ATC-Chapter “Flight Procedures (DOC 8168) – Holding Procedures”, Table IV-1-1, Holding Speeds.

**PROCEDURE LIMITATIONS AND OPTIONS**

Holding patterns and instrument approach procedures are based on those contained in the new PANS-OPS, Document 8168, Volume II.

**AIRPORT OPERATING MINIMUMS**

Belize publishes Minimum Descent Altitudes/(Height) [MDA/(H)], which is equivalent to an OCA/(H), for straight-in approaches. Ceiling and visibility are published for circle-to-land.

Jeppesen charted minimums are not below State minimums.

**ATS AIRSPACE CLASSIFICATION**

The Central American UTA is designated as ICAO class “A” airspace at and above FL190 (FL200 Belize TMA). The Central American FIR oceanic airspace (outside Belize and territorial waters) below FL190 is designated ICAO class “F” airspace.

Control service is provided in the TMA, CTR and on airways within the TMA.

**SPECIAL REQUIREMENTS AND REGULATIONS**
**LANDINGS MADE ELSEWHERE THAN AT ALTERNATE AIRPORTS**

Aircraft landing in or departing from the territory from the territory of Belize must first land at or finally depart from Philip A W Goldson International Airport.

If a landing is made elsewhere than at Philip S W Goldson International Airport, the pilot in command shall report the landing as soon as practicable to the health, customs, immigration and civil aviation authorities at Philip S W Goldson International Airport. This notification may be made through any available communication link.

**TRANSITION ALTITUDES**

The transition altitude within the CENAMER FIR is 19,000 ft.

VFR flight is not permitted above 19,000 ft.

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**BELIZE  
RULES AND PROCEDURES****DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ICAO REFERENCE****ANNEX 2**

VFR flights will not be permitted within the Belize CTR when official reported meteorological conditions are below 5 NM (9km) visibility and/or 1500 ft ceiling.

Special VFR flights will not be authorized when cloud ceiling is 600 ft or less, or ground visibility is less than 1500m.

**BERMUDA  
RULES AND PROCEDURES**

## GENERAL

In general, enroute ATS procedures are in conformity with the ICAO standards and recommended practices and procedures, as laid down in Annex 11 to the Convention on International Civil Aviation and PANS/RAC Doc 4444-RAC/501.

All flights at or above FL180 within the NY Oceanic CTA/FIR shall be in accordance with Instrument Flight Rules (IFR). Consequently, all civil aircraft operating into and out of Bermuda must do so in accordance with IFR.

Units of measurement used in Bermuda.

Measurement of	Unit
Distances used for navigation, position reports, etc.	Meters*
Distances relating to an airport, such as runway length	Feet
Altitudes, elevations and heights	Feet and Flight Levels
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction broadcast by ATC prior to landing and take-off	Degrees Magnetic***
Wind direction, except ATC-broadcast wind direction prior to landing and take-off	Degrees True
Visibility	Meters
Visibility (RVR)	Meters
Altimeter setting	Millibars and Hectopascals**
Temperature	Degrees Celsius
Weight	Kilograms (KG) – pounds on request
Date/Time	Year, month, day, hour and minute. The 24-hour day begins at midnight Coordinated Universal Time (UTC).

\*Meters (conversion formula: 1000 meters = 0.54 nautical mile).

\*\*Altimeter provided in Inches of mercury upon request.

\*\*\*Provided as degrees true in ATIS broadcast.

**BERMUDA  
RULES AND PROCEDURES**
**WGS-84 COMPLIANT**
**FLIGHT PROCEDURES**
**HOLDING, APPROACH AND DEPARTURE PROCEDURES**

Holding, Approach and Departure Procedures are developed in accordance with PANS-OPS design criteria and published by Jeppesen. All IFR departure procedures and separation standards applied by NY ARTCC are in accordance with the FAA Handbook 7110.65. In addition:

- a. All IFR flights departing Bermuda will be issued an ATC clearance including climb instructions to be issued by NY ARTCC and transmitted by Bermuda Control Tower on a specified frequency for ATC clearance.
- b. All IFR departures will generally be cleared up to FL250 and to fly runway heading until given a turn on course by NY ARTCC.
- c. When congestion of inbound IFR traffic exists, NY ARTCC may instruct a departing aircraft to make an off-course climb for a specific distance and/or to a specific altitude.

**PROCEDURE LIMITATIONS AND OPTIONS**
**Flight Procedures**

All aircraft operating into and out of L. F. Wade International Airport are required to operate under IFR. NY ARTCC provides IFR ATS. All aircraft operating into and out of L. F. Wade International Airport are required to follow procedures published in FAR 91.185 in the event of loss of radio communication.

**L. F. Wade International Airport Arrivals**

NY ARTCC instructs aircraft when to contact Bermuda Tower during control tower operational hours.

NY ARTCC instructs aircraft when to switch to Common Traffic Advisory Frequency (CTAF: 122.800 MHz) during control tower non-operational hours.

**L. F. Wade International Airport Departures**

Bermuda Tower instructs aircraft when to contact NY ARTCC during control tower operational hours.

NY ARTCC Clearance Delivery instructs aircraft when to contact NY ARTCC during control tower non-operational hours.

VFR flight plan aircraft shall contact Bermuda Tower prior to entering the control zone.

Aircraft desiring Special VFR (SVFR) operations in the control zone shall request approval from Bermuda Tower prior to commencing such operations.

**AIRPORT OPERATING MINIMUMS**

Bermuda publishes DH/DA(HAT), MDA(HAT or HAA), ceiling and visibility for landing.

Jeppesen charted minimums are not below State minimums.



**BERMUDA  
RULES AND PROCEDURES**
**NOISE ABATEMENT PROCEDURES**
**International Aircraft Noise Requirements**

All aircraft operations at L. F. Wade International Airport (TXKF) are to comply with the environmental noise standards as detailed in Chapter 3 or 4 to ICAO Annex 16.

**Noise Restriction On Apron IV**

Operation of Aircraft Auxiliary Power Unit is limited to 45 min before scheduled take-off and shut-down as soon as possible when aircraft is parking on Apron IV.

**ATS AIRSPACE CLASSIFICATION**

Bermuda Control Zone is that airspace within a 4.4 NM radius of L. F. Wade International Airport ARP extending from the surface up to and including 2500 feet AGL. The control zone extends out to 7 NM for 1.7 NM either side of the 114-, 117-, and 301-degree radials of the BDA VOR/DME. The Bermuda TMA is classified as Class E airspace. The L. F. Wade International Airport control zone is classified as Class D airspace, which reverts to Class E airspace after 2300 hrs closure.

*NOTE: Class D airspace reverts to Class E airspace during uncontrolled operations.*

**SPECIAL REQUIREMENTS AND REGULATIONS**

Aircraft arriving and departing Bermuda operate in the NY Oceanic CTA/FIR.

North Atlantic (NAT) regional procedures supplementary to the provisions contained in Annex 2, Annex 6 – Parts I and II, Annex 11, PANS-RAC (Doc 4444) and PANS-OPS (Doc 8168) do not apply in the Bermuda TMA.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

Bermuda is not a contracting State with ICAO. Differences from ICAO standards, recommended practices and procedures are disseminated for Bermuda by the United Kingdom.

**ICAO REFERENCE**
**ANNEX 2**
**4.6 LOW FLYING PROHIBITIONS**
**Rule 5**

- (1) Subject to paragraph (2), an aircraft must comply with the low flying prohibitions in paragraph (3) unless exempted by rule 6.
- (2) If an aircraft is flying in circumstances such that more than one of the low flying prohibitions applies, it must fly at the greatest height required by any of the applicable prohibitions.
- (3) The low flying prohibitions are as follows:
  - (a) Engine failure

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An aircraft must not be flown below such height as would enable it to make an emergency landing without causing danger to persons or property on the surface in the event of an engine failure.

(b) The 500 feet rule

Except with the written permission of the Governor, an aircraft must not be flown closer than 500 feet to any person, vessel, vehicle or structure.

(c) The 1000 feet rule

Except with the written permission of the Governor, an aircraft flying over a congested area of a city, town or settlement must not fly below a height of 1000 feet above the highest fixed obstacle within a horizontal radius of 600 meters of the aircraft.

(d) The land clear rule

An aircraft flying over a congested area of a city, town or settlement must not fly below such height as would permit the aircraft to land clear of the congested area in the event of an engine failure.

(e) Flying over open air assemblies

Except with the written permission of the Governor, an aircraft must not fly over an organized open-air assembly of more than 1000 persons below whichever is the higher of the following heights:

- (i) 1000 feet; or
- (ii) such height as would permit the aircraft to land clear of the assembly in the event of an engine failure.

(f) Landing and taking off near open air assemblies

An aircraft must not land or take-off within 1000 meters of an organized, open-air assembly of more than 1000 persons except—:

- (i) at an airport, in accordance with procedures notified by the Governor; or
- (ii) at a landing site which is not an airport, in accordance with procedures notified by the Governor and with the written permission of the organizer of the assembly.

**EXEMPTIONS FROM THE LOW FLYING PROHIBITIONS**
**Rule 6**

**The exemptions from the low flying prohibitions are as follows—:**

a. Landing and taking off

- (i) An aircraft is exempt from the low flying prohibitions when it is flying in accordance with normal aviation practice for the purpose of:
  - (aa taking off from, landing at or practicing approaches to landing at; or
  - )

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(bb checking navigational aids or procedures at, a certificated or notified airport.  
)

(ii) An aircraft is exempt from the 500 feet rule when landing and taking-off in accordance with normal aviation practice or airtaxiing.

**b. Captive balloons and kites**

None of the low flying prohibitions apply to any captive balloon or kite.

**c. Special VFR flight and notified routes**

(i) Subject to paragraph (ii), an aircraft is exempt from the 1000 feet rule when:

(aa it is flying on a special VFR flight; or  
)

(bb it is operating in accordance with the procedures notified for the route being flown.  
)

(ii) Unless the written permission of the Governor has been obtained, landings may only be made by an aircraft flying under this exemption at a certificated or notified airport.

**d. Balloons and helicopters over congested areas**

(i) A balloon is exempt from the 1000 feet rule if it is landing because it is becalmed.

(ii) Subject to rule 5(3)(a) a helicopter flying over a congested area is exempt from the land clear rule.

**e. Police air operator's certificate**

An aircraft flying in accordance with the terms of a police air operator's certificate is exempt from the 500 feet rule, the 1000 feet rule and the prohibitions on flying over open air assemblies and on landing and taking off near open air assemblies.

**f. Flying displays etc.**

An aircraft taking part in a flying display is exempt from the 500 feet rule when it is within a horizontal distance of 1000 meters of the gathering of persons assembled to witness the event.

**g. Glider hill-soaring**

A glider is exempt from the 500 feet rule if it is hill-soaring.

**h. Picking up and dropping at an airport.**

An aircraft picking up or dropping tow ropes, banners or similar articles at an airport is exempt from the 500 feet rule.

(i) Maneuvering helicopters

(aa Subject to paragraph  
)

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(bb a helicopter is exempt from the 500 feet rule if it is conducting maneuvers, in ) accordance with normal aviation practice, within the boundaries of a certificated or military airport or, with the written permission of the Governor at other sites.

- (ii) When flying in accordance with this exemption the helicopter must not be operated closer than 60 meters to any persons, vessels, vehicles or structures located outside the airport or site.

j. Dropping articles with the permission of the Governor

An aircraft is exempt from the 500 feet rule if it is flying in accordance with:

- (i) article 130(3)(f) of the Air Navigation (Overseas Territories) Order [the dropping of articles by, or with the authority of, the pilot-in-command of the aircraft for the purposes of public health or as a measure against weather conditions, surface icing or oil pollution, or for training for the dropping of articles for any such purposes, if the articles are dropped with the permission of the Governor]; or
- (ii) an aerial application permission granted by the Governor under article 128 of the Air Navigation (Overseas Territories) Order.

**5.1.2** See entry for Chapter 4, 4.6.

**COSTA RICA  
RULES AND PROCEDURES**

## GENERAL

The air traffic rules, and applicable procedures to air traffic in Costa Rica have been adjusted to annex 2 and 11 of the Civil International Aviation and to the sections of procedures for Air Navigation Services- Air Traffic Management (Doc. 4444 ATM/501) applicable to aircraft and Regional Supplementary Procedures in national territory.

Measurement of	Unit
Distance used in navigation position reporting, etc., generally in excess of 2 NM	Nautical Miles and Tenths
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Meters and Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Meters and Kilometers
Altimeter setting	Hectopascals
Temperature	Degrees Centigrade
Weight	Kilograms
Time	Hours and minutes, (UTC)

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### PROCEDURE LIMITATIONS AND OPTIONS

The holding procedures, approach and departure for the Juan Santa Maria International Airport are based on information in the last edition of Doc. 8168/611 (PANS-OPS) of the ICAO.

### AIRPORT OPERATING MINIMUMS

Costa Rica publishes Decision Altitude (Height) [DA(H)], Minimum Descent Altitude (Height) [MDA (H)] ceiling and visibility for landing. Ceiling and visibility are published for take-off and alternate.

Jeppesen charted minimums are not below State minimums.

**COSTA RICA  
RULES AND PROCEDURES**

## **ATS AIRSPACE CLASSIFICATION**

Costa Rica has implemented the standard ICAO airspaces classification over national territory. Classes A, B, D, E, and F are not used.

## **SPECIAL REQUIREMENTS AND REGULATIONS**

The information referring to the projected flight or part of the flight to be delivered to Air Traffic Services, will be presented on a flight plan form.

A flight plan must be presented according to Annex 2,3.3.1 before performing:

- a. any flight or part of the flight which must be presented to air traffic control services;
- b. any IFR flight within the airspace with advisory services;
- c. any flight within the designated areas or along the designated routes, when required by the ATS authority to facilitate the provision of flight information, alert, and search and rescue services;
- d. any flight within the designated areas or along the designated routes, when required by the ATS authority to facilitate the coordination with the air traffic dependencies in adjacent states, in order to avoid the need of interpretation for identification purposes;
- e. all flight through the international borders.

The procedures for the altimeter settings in use generally conform to those contained in Doc 8168/OPS/611 Vol I part VI of ICAO.

QFE altimeter setting is not provided.

**EL SALVADOR  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Air traffic services are provided by El Salvador ATS units below FL200 over El Salvador and its territorial waters. CENAMER ACC/FIC provides air traffic services at and above FL200.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc. generally in excess of 2 nautical miles	Nautical Miles and Tenths
Relatively short distances such as those relating to airport, for example: runway lengths	Meters
Altitudes, elevations and heights	Feet
Horizontal speed, including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for take-off and landing	Degrees Magnetic
Wind direction other than for take-off and landing	Degrees True
Visibility, including runway visual range	Kilometers or meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hour and minutes, from midnight

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### HOLDING

Holding procedures comply with Table IV-1-2, published on AIR TRAFFIC CONTROL – International Civil Aviation Organization Flight Procedures.

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in PANS-OPS, Document 8168.

Unless otherwise authorized by ATC, no aircraft may make a flight in the terminal area (ATM) below 10,000 ft at a speed in excess of 250 kt.

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**EL SALVADOR  
RULES AND PROCEDURES**

If necessary in case of saturation of traffic, ATC will instruct aircraft to turn to DME and wait for an assigned fix.

**AIRPORT OPERATING MINIMUMS**

El Salvador publishes DH(HAT), MDA(HAT or HAA) and visibility for landing. In addition, ceilings are published for selected procedures. Visibility for take-off and, ceiling and visibility for alternate are published for San Salvador Intl airport.

Jeppesen charted minimums are not below State minimums.

**SPECIAL REQUIREMENTS AND REGULATIONS**

Prior coordination is required for operations at Ilopango Intl Airport between 1200 and 0400 UTC.



GUATEMALA  
RULES AND PROCEDURES**GENERAL**

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Air traffic services are provided by Guatemala ATS units below FL195 over Guatemala and its territorial waters. CENAMER ACC/FIC provides air traffic services at and above FL195 and in the oceanic airspace below FL195 in the Central American FIR.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation, position notification, etc. Generally more than 2 nautical miles.	Nautical Miles and Tenths
Relatively short distances such as those relating to airport: e.g., runway lengths	Meters
Altitudes, elevations and heights	Feet
Horizontal speed, including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for take-off and landing	Degrees Magnetic
Visibility, including runway visual range	Kilometers, meters or miles terrestrial
Altimeter setting	Hectopascals (Millibars)
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes, the day of 24 hrs beginning at midnight UTC
<i>NOTE: Metric tons are also used.</i>	

**WGS-84 COMPLIANT****FLIGHT PROCEDURES****HOLDING**

Holding procedures comply with Table IV-1-2, published on AIR TRAFFIC CONTROL – International Civil Aviation Organization Flight Procedures.

**PROCEDURE LIMITATIONS AND OPTIONS**

Instrument approach procedures at Guatemala City, La Aurora Intl are based on those contained in the new PANS-OPS, Document 8168, Volume II.

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**GUATEMALA  
RULES AND PROCEDURES****AIRPORT OPERATING MINIMUMS**

Guatemala publishes DH (HAT), Minimum Descent Altitude (MDA), ceiling and visibility or Minimum Descent Altitude (Height) [MDA(H)] and visibility for landing.

Jeppesen charted minimums are not below State minimums.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ICAO REFERENCE**

None published.

**HONDURAS  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Air traffic services are provided by Honduras ATS units below FL195 over Honduras and its territorial waters. CENAMER ACC/FIC provides air traffic services at and above FL195 and in the oceanic airspace below FL195 in the Central American FIR.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation, position reporting, etc. – generally of more than 2 nautical miles	Nautical Miles and Tenths
Relatively short distances such as those relating to airports (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed, including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Kilometers
Altimeter setting	Hectopascals (hPa) inches, Hg, hPa on request
Temperature	Degrees Celsius
Weight	Kilograms or Short Tons
Time	Hours and Minutes, from midnight UTC.

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### HOLDING

#### Speeds

Flight Levels	Aircraft Categories A & B	Jet Aircraft	
		Normal Conditions	Turbulence Conditions
Up to ALT 140 (4250m) inclusive	170 kt	230 kt (425 km/h)	280 kt (520 km/h) or 0.8 Mach whichever is less

**HONDURAS  
RULES AND PROCEDURES**

Flight Levels	Aircraft Categories A & B	Jet Aircraft	
		Normal Conditions	Turbulence Conditions
Above ALT + 140 (4250m) to FL200	240 kt (445 km/h)		
Above FL200 (6100m) to FL340 (10,350m) inclusive	265 kt (490 km/h)		
Above FL340 (10,350m)	0.83 Mach		0.83 Mach

**PROCEDURE LIMITATIONS AND OPTIONS**

The instrument approach procedures used are based on PANS-OPS Document 8168, Volume II.

**AIRPORT OPERATING MINIMUMS**

Airport operating minimums are published with either Minimum Descent Altitudes (Heights) [MDA(H)], ceiling and visibility; or, Minimum Descent Altitude (MDA), ceiling and visibility for landing.

Jeppesen charted minimums are not below State minimums.

**ATS AIRSPACE CLASSIFICATION**

Honduras airspace consists of the following standard ICAO airspaces classification:

**Class “A”** — CENAMER FIR FL195 and above

**Class “C”** — La Mesa TMA Ground to FL195

**Class “D”** — CENAMER FIR 9000 ft/AMSL; CENAMER ACC/FIC 9000 ft/AMSL

**Class “E”** — Toncontin TMA Ground to FL195

**Class “F”** — CENAMER FIR FL195/3000 ft AMSL; CENAMER ACC/FIC 8500 ft AMSL/3000 ft AMSL

**SPECIAL REQUIREMENTS AND REGULATIONS**

QFE and QNH altimeter settings are available.

**DATA LINK SERVICES**

The Central American Air Navigation Services Corporation (COCESNA) has permanently implemented the data link to provide the ADS-C/CPDLC communication service in the Central American FIR.

The information of the message exchange is as follows:

- a. ICAO Identifier for the Central American FIR **LOG ON: MHCC**

**HONDURAS  
RULES AND PROCEDURES**

- b. Equipment and capabilities: The following equipment must be indicated in field 10 of the flight plan (FPL)
- D1 ADS-C with FANS 1/A and
  - J2 CPDLC FANS 1/A HFDL and/or
  - J5 CPDLC FANS 1/A SATCOM (INMARSAT) and/or
  - J7 CPDLC FANS 1/A IRIDIUM

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ICAO REFERENCE****ANNEX 2**

- 3.3.1.1** Only required on international flights.
- 3.3.1.2** Only flights that cross the borders.
- 3.3.3.1** Only requested for IFR flights and there are exceptions.
- 4.4** Only speed is restricted for flights VFR.

MEXICO  
RULES AND PROCEDURES**GENERAL**

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc. (Generally more than 2 NM)	Nautical Miles and tenths of NM
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters/Feet
Altitudes, elevations and heights	Meters/Feet
Vertical speed	Feet Per Minute
Wind direction for landing and taking off	Degrees Magnetic
Visibility, including runway visual range	Statute Miles / Meters
Altimeter setting	Hectopascals, Millibars or Inches of Mercury
Temperature	Degrees Celsius (Centigrade)
Weight	Metric Tons / Kilograms / Pounds
Time	Hours and Minutes, the day of 24 hours beginning at midnight UTC

**WGS-84 COMPLIANT****FLIGHT PROCEDURES****HOLDING****Maximum Speeds**

- Propeller-driven aircraft to 14,000' – 170 KIAS
- Propeller-driven aircraft above 14,000' – 175 KIAS
- Turbo-Jet aircraft to 6000' – 200 KIAS
- Turbo-Jet above 6000' to 14,000' – 210 KIAS
- Turbo-jet above 14,000' – 230 KIAS

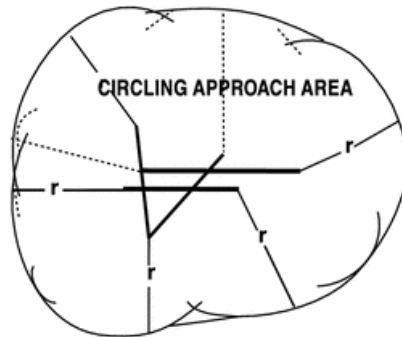
In general, holding pattern circuits are limited to one minute outbound.

**PROCEDURE LIMITATIONS AND OPTIONS**

Instrument approach procedures are based on those contained in PANS-OPS Document 8168.

**MEXICO  
RULES AND PROCEDURES**

**Circling Approach Area**



Radii (r) defining size of areas, vary with the approach category.

<b>APPROACH CATEGORY</b>	<b>RADIUS (NAUTICAL MILES)</b>
A	1.3
B	1.5
C	1.7
D	2.3
E	4.5

A minimum obstacle clearance of 300' is provided within the circling approach area.

**Aircraft Speed Restrictions**

Maximum speed 250 KIAS:

- a. Aircraft operating under VFR;
- b. Aircraft operating under IFR:
  1. below 10,000' in the national airspace;
  2. within 30 NM from any airport at or below 10,000' AGL of the airport elevation.

Maximum speed 200 KIAS:

- Aircraft operating under IFR within 10 NM of an aerodrome when below 3000' AGL above that aerodromes elevation.

Aircraft operating under IFR shall not exceed those speeds established for descent, climb and holding procedures.

When Radar Control is provided, adjusted speeds will not exceed those stipulated by ATC.

**MEXICO  
RULES AND PROCEDURES**
**AIRPORT OPERATING MINIMUMS**

Mexico publishes DH(HAT), MDA(HAT or HAA) and visibility for landing. Ceiling and visibility are published for take-off and alternate.

Jeppesen charted minimums are not below State minimums.

If a current altimeter setting for landing has not been received due to communications failure, a minimum ceiling of 91m (300') above the published meteorology minimums should be observed using the latest altimeter setting received.

**AIRPORT UNDER METEOROLOGICAL MINIMUMS**

According to the values of ceiling and visibility that in a given moment are reported for an airport may have a different value, depending on the observation point (runway threshold, control tower, apron, etc.), must be taken into consideration the possibility that the predominant visibility is different than from the prevailing visibility in a certain direction, so the pilot should be given the opportunity to evaluate the conditions to operate without this presupposing a conflict of credibility with what is reported by the controller.

*NOTE: it is the responsibility of the pilot to observe and comply with the procedures in accordance with the prevailing meteorological minimums. The responsibility of the air traffic services consist in informing the pilot of the reported ceiling and visibility when the meteorological conditions are of flight by instruments, being the pilot who has to make the final decision to continue or not with a certain procedure.*

Procedures in departure operations

When the meteorological conditions are below the minimums to operate VFR, aircraft that intend to operate under these conditions shall be notified that VFR operations are suspended and the authorization to take-off shall be denied.

When the meteorological conditions are lower than the maximum minimum for take-off, the controller shall proceed as follows:

- a. shall inform the reported ceiling and visibility;

If the pilot expresses his/her desire to taxi until the threshold of the runway in use to confirm the visibility on the runway, he/she shall be authorized to do so;

- b. when the aircraft is close to / on the runway threshold and reports the visibility:

1. if the pilot's report is equal to or better than the specified minimums and requests permission to take-off, the controller shall authorize the maneuver;
2. if the values reported by the pilot indicate that the meteorological conditions are lower than the published minimums and insist on carrying out the take-off, the following phraseology shall be used:

*--(Identification) **reported visibility/ceiling....(values), unable to issue take-off clearance in those conditions.***

Procedures in arrival operations



## **MEXICO RULES AND PROCEDURES**

If the reported meteorological conditions are lower than the published meteorological minimums, the approach Control should inform the aircraft at the first contact of the meteorological conditions and shall request the pilot to notify his/her intentions and if he/she wishes to make an attempt to approach in accordance with the established procedure, such maneuver shall be authorized;

Phraseology example:

--“(Identification), **cleared to land if you have landing minimums (o minima)**”.

If an arrival aircraft reports that the meteorological conditions are below its landing minimums:

- a. instructions shall be issued for the aircraft to maintain or proceed to another airport, in accordance with the intentions expressed by the pilot;
- b. adjust, as necessary, the position in the landing sequence of any other aircraft that wishes to make an approach and the corresponding clearances shall be issued;
- c. each aircraft shall be informed of any change in the prevailing visibility or in the runway visual range (RVR), indicating that the visibility is below the published minimum.

## **SPECIAL REQUIREMENTS AND REGULATIONS**

The following RNAV routes within Mexico FIR are RNP 10:

L207, L208, L209, L214, L333, M215, M219, M345, M575, M580, UL207, UL208, UL209, UL214, UL333, UL674, UM215, UM219, UM345, UM575, UM580, UM782, UT17, UT22, UT23, UT24, UT26, UT27, UT28, UT29, UT31, UT37, UT40 and UT45.

## **OPERATIONS AT UNCONTROLLED AIRPORTS**

Radio equipped aircraft operating within 15 miles of a non-controlled airport should select and maintain a listening watch on frequency 122.5 MHz. Broadcast position and pilot intentions 5 miles from the airport and at entry and each point in the traffic circuit.

Aircraft departing a non-controlled airport should maintain a listening watch on 122.5 MHz for other traffic in the area and broadcast intentions, position on the airport and prior to entering the runway for take-off.

VFR is not permitted when operating at and above FL200.

## **ALTIMETRY**

Corrected QNH altimeter settings, provided by ATC or communication stations of the mobile aeronautical service, will be used for enroute operations at or below 18,000' (5488 meters) when operating over:

- a. continental areas;
- b. over oceanic areas within 100 NM of the coast.

A QNE altimeter setting will be used for operations at and above FL200 and above 2000' over oceanic areas more than 100 NM miles from the coast.

During climb the QNH altimeter setting will be changed to QNE when passing 18,500'.

During descent the QNE altimeter setting will be changed to QNH when passing FL195.

**MEXICO  
RULES AND PROCEDURES**

The altimeter transition layer can be used in level flight with previous clearance from ATC or when climbing or descending. ATC may assign aircraft operating above 18,000' QNH altitudes as long as a vertical separation of 2000' (610 meters) is given between aircraft operating on QNE altimeter rules.

## **DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

### **ICAO REFERENCE**

#### **ANNEX 2**

**3.1.7** Unless authorized by the Aeronautical Authority, in order to perform acrobatic flights, the pilot is the only occupant of the aircraft with the exemption of the dual-control Training flights, where he must be accompanied by an authorized instructor and, in any case must do:

- a) over cities, towns or inhabited areas or over gatherings of people outdoors;
- b) in any airway or route, aerodrome/airport controlled airspace;
- c) at a height lower than 150 meters (500 ft) above ground surface or water;
- d) when in instrument meteorological conditions;
- e) any other dictated by the Aeronautical Authority.

**3.3.1.4** A flight plan for a controlled IFR or VFR flight, shall be submitted at least 30 minutes prior departure, or, if submitted during the flight, at least 10 minutes prior the estimated time when the aircraft must reach the expected entry point in a controlled area or an areas with advisory service.

#### **3.9 VMC visibility minimums and distance to clouds**

Except when authorized by the aeronautical authority, all aircraft in VFR flight must observe the ceiling and visibility values equal or greater to those to operate under Visual Meteorological Conditions (VMC), as indicated in table 1.

**4.7** VFR flights in horizontal cruising flight when operating above 600 M (2000 FT) with respect to the terrain or water, must be conducted at a flight level appropriated to the course of the flight, as specified in the cruise level table included in Appendix "C" Regulations.

NICARAGUA  
RULES AND PROCEDURES**GENERAL**

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Air traffic services are provided by Nicaragua ATS units below FL195 over Nicaragua and its territorial waters. CENAMER ACC/FIC provides air traffic services at and above FL195 and in the oceanic airspace below FL195 in the Central American FIR.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation, position reporting, etc., generally more than 2 nautical miles	Nautical Miles
Relatively short distances such as those relating to airport; e.g., runway lengths	Meters
Altitudes, elevations and heights	Meters/Feet
Horizontal speed, including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for take-off and landing	Degrees Magnetic
Wind direction other than for take-off and landing	Degrees True
Visibility, including runway visual range	Kilometers or Meters
Altimeter setting	Inches of Mercury (in HG)
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Year, month, day, hour and minute starting the day of UTC to 6:00 pm

**WGS-84 COMPLIANT****FLIGHT PROCEDURES****PROCEDURE LIMITATIONS AND OPTIONS**

Instrument approach procedures are based on those contained in PANS-OPS, Document 8168, Volume II.

Unless otherwise authorized by an appropriate ATS unit, VFR flights will not take-off between sunset and sunrise.

Inside controlled airspace air traffic services can totally or partially prohibit VFR flights depending on the limitation of space and time, if the intensity of air traffic requires it.

## NICARAGUA RULES AND PROCEDURES

### AIRPORT OPERATING MINIMUMS

Nicaragua publishes MDA(H) DA(H), Obstacle Clearance Altitudes (Heights) [OCA(H)] and visibilities for take-off and landing.

Jeppesen charted minimums are not below State minimums.

### ATS AIRSPACE CLASSIFICATION

Nicaragua airspace is designated in accordance with the following ICAO airspaces classification:

**Class “A”** — Central American UTA FL195 and above;

**Class “E”** — TMA, CTR and airways within the TMA;

**Class “F”** — Central American FIR (below FL195) in the oceanic airspace outside of Nicaragua (including jurisdictional waters);

**Class “G”** — Airspace and routes outside of TMA/CTR below FL195 (Nicaragua and territorial waters).

### SPECIAL REQUIREMENTS AND REGULATIONS

#### FLIGHT PLAN INFORMATION

A flight plan is required before carrying out any of the following types of flights:

- a. Any flight IFR
- b. Any flight VFR
- c. Any flight or part of one that deals with air traffic control service
- d. Any flight within designated areas or along designated routes, when the authorities require ATS to facilitate flight information services for search and rescue.
- e. Any flight through international borders
- f. Every flight over the sea, of 50 nautical miles / 30 minutes or greater.

The flight plans shall be presented/displayed no later than 30 minutes before the estimated time of departure.

QFE altimeter settings are not available.

### DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

#### ICAO REFERENCE

#### ANNEX 2

##### 3.1.2 Minimum Heights

Flight over public gatherings requires special permission, within specified limits and conditions, from the Director General of Civil Aviation.

**NICARAGUA  
RULES AND PROCEDURES**

**4.1** Flight visibility and distance from cloud for VFR flights within the Republic of Nicaragua are as shown in the Basic VFR Weather Minimums table below.

<b>Airspace Classification</b>	<b>C</b>	<b>G</b>
Distance from Clouds	Clear of Clouds 1500m Horizontal 300m Vertical	1500m Horizontal 300m Vertical
Flight Visibility	8km (5 NM) above 3050m (10,000 ft) AMSL 5km (3 NM) below 3050m (10,000 ft) AMSL	8km (5 NM) above 3050m (10,000 ft) AMSL 5km (3 NM) below 3050m (10,000 ft) AMSL

**PANAMA  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation, position reporting, etc., generally in excess of 2 to 3 NM	Nautical Miles
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed, including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Meters and Kilometers
Altimeter setting	Hectopascals (hPa)
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Year, month, day, hour and minutes beginning Universal Time Coordinated at 7:00 p.m.

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in the Panama Airspace Planning Manual.

### AIRPORT OPERATING MINIMUMS

Panama publishes DA, MDA, and visibility. Ceiling may or may not be required for landing.

Jeppesen charted minimums are not below State minimums.

## ATS AIRSPACE CLASSIFICATION

Panama airspace is designated in accordance with the following ICAO airspaces classification:

**Class “A”** — Upper ATS routes FL195 – UNL, Upper National routes FL195 – FL450;

PANAMA  
RULES AND PROCEDURES

**Class “C”** — Panama TMA 700 ft MSL – 14,500 ft MSL;

**Class “D”** — Panama TMA 700 ft MSL – 14,500 ft MSL;

**Class “E”** — Panama CTA 2500 ft MSL – FL195, lower ATS and national routes 2500 ft MSL – FL195;

**Class “F”** — The Panama FIR (oceanic) Gnd – 2500 ft MSL.

## SPECIAL REQUIREMENTS AND REGULATIONS

### PORT AREAS

The port areas are treated as restricted areas because they contain a great quantity of persons and goods. Operations within these areas must comply with the following requirements:

- a. Any operation within these areas require the DAC authorization.
- b. All aircraft operators in these areas shall present the corresponding FPL to the proper authority.
- c. The MSA established shall be observed.

### FLIGHTS OVER THE CANAL

Air operations over Gatun, Pedro Miguel and Miraflores locks; over Gatun and Maden dams; and over any ship passing interoceanically are considered restricted areas from Gnd – 2500 ft MSL.

### IFR FLIGHTS

IFR flights are required, in addition to IMC conditions, when operating within the following:

- a. Nocturnal flight made outside the aerodrome traffic zone;
- b. Flights made over the sea more than twenty miles (20 NM) from coast for more than one hour.

## DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

### ICAO REFERENCE

#### ANNEX 2

**4.3** Unless authorized by the appropriate ATS authority, VFR flights shall not be operated in the period between sunset and sunrise.

**4.4** Unless authorized by the appropriate ATS authority, VFR flights shall not be operated above flight level 190.

**4.8** VFR flights shall comply with the provisions of 3.6 from Annex 2 when operating within Classes D and E airspace.



# Air Traffic Control

## State Rules and Procedures - Caribbean



**ARUBA  
RULES AND PROCEDURES**

## GENERAL

The air traffic rules and procedures applicable to air traffic in the territory of Aruba are in conformity with Annex 2 and Annex 11 to the Convention on international Civil Aviation and to those portions, applicable to aircraft, of the procedures for Air Navigation Services — Air Traffic Management (PANS-ATM, Doc 4444), and the Regional Supplementary Procedures (Doc 7030) applicable to the CAR-Region.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc., in excess of 4000m	Nautical Mile
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility <i>NOTE: Visibility of less than 5km may be given in meters.</i>	Kilometers or Meters
Runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Mass	Kilograms
Time	Seconds, Minutes, Hours, Day, Week, Month, Year. The day of 24 hrs beginning at midnight UTC.

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in the new PANS-OPS, Document 8168, Volume II.

**ARUBA  
RULES AND PROCEDURES****AIRPORT OPERATING MINIMUMS**

Aruba publishes MDA (H) and DA (H), ceiling and visibility for landing.

Jeppesen charted minimums are not below state minimums.

**ATS AIRSPACE CLASSIFICATION**

ATS airspaces are classified and designated in accordance with ICAO ATS Airspace Classifications — Annex 11.

The Beatrix Control Zone (CTR) is a Circle with radius of 25 NM ARP within the limits of the Curaçao FIR with UPPER LIMIT FL065 and is classified as ATS Airspace Class D.

The Beatrix Aerodrome Traffic Zone (ATZ), a circle with radius of 3 NM ARP and UPPER LIMIT 2000 ft.

**SPECIAL REQUIREMENTS AND PROCEDURES****SPECIAL PROCEDURES FOR THE BEATRIX CONTROL ZONE**

The inbound, transit and outbound routes may vary at the discretion of ATC. VFR flights shall contact Beatrix Tower on frequency 120.9 MHz at least 5 minutes prior entering the Beatrix CTR.

**ARRIVING FLIGHTS**

IFR flights entering the Beatrix CTR for the purpose of landing, will be cleared by Curacao Area Control Center to a specified holding point and instructed to contact the approach control unit at a specified time, level or position. The terms of this clearance shall be adhered to until further instructions are received from the approach control unit. If the clearance limit is reached before further instructions have been received, holding procedures shall be carried out the level last authorized.

When circumstances necessitate a holding aircraft to make an immediate approach, APP on receipt of a message to this effect, will take appropriate steps so that the approach can be performed as soon as possible. Aircraft holding at lower altitudes or flight levels as the one concerned will be instructed to leave the holding pattern in a specified direction.

IFR flights originating from JOSEFA CAMEJO AIRPORT/SVJC with destination Aeropuerto Internacional Reina Beatrix/TNCA shall establish radio contract with Beatrix tower on freq. 120.9 MHz as soon as possible after departure to obtain entry clearance to the Beatrix Control Zone.

**VISUAL APPROACH PROCEDURES**

Aircraft can be cleared for visual approach with a level restriction for separation purposes. Traffic information will be issued. After separation is established aircraft will be cleared to decent to circuit altitude.

Aircraft can be cleared to join any part of the traffic circuit with a level restriction, and instructed to expect visual approach. Traffic information will be issued if necessary. After separation is established, the aircraft will be cleared for visual approach after which it can continue decent to circuit altitude.

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**ARUBA**  
**RULES AND PROCEDURES**

Aircraft can be cleared to visual reference points, e.g. N.W. tip of the island, south of the refinery, with a level restriction. Traffic information will be issued if necessary. After separation is established the aircraft will be cleared for visual approach after which it can continue decent to circuit altitude.

No instrument approach procedure will be authorized when tall vessels are in the final approach area for RWY 11.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

None published

**BAHAMAS  
RULES AND PROCEDURES**

## GENERAL

The current Commonwealth laws and regulations relating to civil aviation correspond to the Annexes and Standards and Recommended Practices established by the International Civil Aviation Organization (ICAO), as well as other internationally recognized standards and practices as deemed appropriate by The Bahamas.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc.	Nautical Miles and Tenths
Relatively short distances such as those relating to air-ports (e.g., runway lengths)	Feet
Altitudes, elevations and heights	Feet and Flight Levels
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility	Statute Miles and Meters
Visibility (RVR)	Statute Miles and Meters
Altimeter setting	Inches of Mercury/hectopascals upon request
Temperature	Degrees Fahrenheit
Weight	Pounds
Date/Time	Year, month, day, hours and minutes, the day of 24 hrs beginning at midnight UTC.

## WGS-84 COMPLIANT

### AIRPORT OPERATING MINIMUMS

The Bahamas publish DH, MDA and visibility for landing. Jeppesen charted minimums are not below State minimums.

### ATS AIRSPACE CLASSIFICATION

The Bahamian Domestic Airspace is Class E airspace unless otherwise designated. The airspace extends upward from 1200 ft above the surface.

## BAHAMAS RULES AND PROCEDURES

Nassau Terminal Control Area is designated as Class D airspace and extends from 1500 ft AMSL up to and including 12000 ft AMSL.

Grand Bahama Terminal Control Area is designated as Class D airspace and extends from 1500 ft AMSL up to and including 6000 ft AMSL.

### SPECIAL REQUIREMENTS AND REGULATIONS

#### Visual Flight Rules (VFR) Flying at Night

- All aircraft flying between the hours of official sunset and sunrise (night) within The Bahamas airspace shall be flown in accordance Instrument Flight Rules (IFR).
- A VFR flight shall not commence if termination of the operation is known or expected to occur after official sunset.
- The Director of Civil Aviation may grant prior written approval for specific VFR night flying operations.

#### ATS Clearances and TCAS Advisories

- Pilot actions in response to a TCAS advisory that are contrary to an ATS clearance shall be deemed lawful provided:
  - a. The TCAS equipment and installation are certified by the aircraft's state of registry, and
  - b. TCAS operation by the flight crew is in accordance with instructions for use of the equipment as specified in their company's operations manual (if applicable).
- Pilots must notify the General Manager of BANSO in writing within ten (10) days after deviating from an ATS clearance in response to a TCAS advisory. Particulars of the deviation and circumstances leading to it must be provided.
- Pilots are not expected to initiate avoidance action based solely on a TCAS traffic advisory. Pilots should not request traffic information from ATS unless the other aircraft is not in sight and the pilot believes his aircraft is about to be endangered.
- Pilots are expected to respond immediately to a TCAS resolution advisory. If required, avoidance action should be the minimum necessary for conflict resolution.

### ALTIMETER SETTING

- a. A QNH altimeter setting is relayed as part of an approach clearance, and when clearance to enter the traffic pattern is given.
- b. QFE altimeter settings are not available.
- c. Vertical position of aircraft during approach is controlled by reference to Flight levels down to the transition level below which vertical position is controlled by reference to altitude.

Vertical positioning in this region is based on the QNH altimeter setting at Freeport (Grand Bahama Intl), Abaco I. (Leonard M. Thompson Intl), Exuma (Intl), and Nassau (Pindling Intl).

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**BAHAMAS  
RULES AND PROCEDURES****DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ICAO REFERENCE****DEFINITIONS**

**Visual Approach Contact Approach** — The Bahamas ATC service will accept either the ICAO term “Visual Approach” or the United States term “Contact Approach” to convey virtually the same meaning. Both terms will be interpreted as follows:

“An approach by an IFR flight wherein a pilot has requested a visual/contact approach, and ATC authorization has been obtained to deviate from either part or all of a prescribed instrument approach procedure to proceed to the destination airport by visual reference to the terrain.”

**BARBADOS  
RULES AND PROCEDURES****GENERAL**

The air traffic rules and procedures applicable to air traffic in Barbados conform with Annexes 2 and 11 to the Convention on International Civil Aviation and to those portions of the *Procedures for Air Navigation Services-Air Traffic Management*, applicable to aircraft and of the *Regional Supplementary Procedures* applicable to Caribbean Region.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation	Nautical Miles and Tenths
Relatively short distances (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and minutes, the day of 24 hrs beginning at midnight UTC.

**WGS-84 COMPLIANT****FLIGHT PROCEDURES****PROCEDURE LIMITATIONS AND OPTIONS**

The holding, approach and departure procedures in use are based on those contained in the latest edition of ICAO Doc 8168—Procedures for Air Navigation Services—Aircraft Operations (PANS-OPS).

**BARBADOS  
RULES AND PROCEDURES**

**Holding Speeds**

Flight Level (FL)	Category A and B Aircraft	Jet Aircraft	
		Normal Conditions	Turbulence Conditions
Up to FL140 (4250m) inclusive	170 kt	230 kt (425km/h)	280 kt (520km/h) or Mach 0.8, whichever is less
Above FL140 (4250m) to FL200 (6100m) inclusive	240 kt (445km/h)		
Above FL200 (6100m) to FL340 (10,350m) inclusive	265 kt (490km/h)		
Above FL340 (10,350m)	Mach 0.83		Mach 0.83

**AIRPORT OPERATING MINIMUMS**

Barbados publishes MDA (H) DA (H) (HAA or HAT), ceiling and visibility for landing.

Jeppesen charted minimums are not below state minimums.

**ATS AIRSPACE CLASSIFICATION**

ATS airspaces are classified and designated in accordance with standard ICAO airspace classifications as depicted on Enroute charts.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**
**ICAO REFERENCE**
**ANNEX 2**

VFR not permitted in Barbados' airspace above FL085.



## CAYMAN IS RULES AND PROCEDURES

### GENERAL

The air traffic rules and procedures applicable to air traffic in the Cayman Islands territory conform to Annexes 2 and 11 to the Convention on International Civil Aviation and to those portions of the *Procedures for Air Navigation Services — Rules of the Air and Air Traffic Services* applicable to aircraft and of the *Regional Supplementary Procedures* applicable to the Caribbean Region, except for the differences listed below.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation position reporting, etc.	Nautical Miles and tenths
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility	Meters/Kilometers
Altimeter setting	Hectopascals/Inches
Temperature	Degrees Celsius/Fahrenheit
Weight	Metric tons or kilograms
Time	Hours and Minutes, beginning at midnight UTC.

### WGS-84 COMPLIANT

### FLIGHT PROCEDURES

#### PROCEDURE LIMITATIONS AND OPTIONS

Holding, approach, and departure procedures are based on those contained in PANS-OPS, Document 8168.

#### AIRPORT OPERATING MINIMUMS

The Cayman Is publish Minimum Descent Altitude (Height) [MDA(H)] and visibility for landing. Jeppesen charted minimums are not below State minimums.

### ATS AIRSPACE CLASSIFICATION

ATS airspace is classified and designated in accordance with the following:

## CAYMAN IS RULES AND PROCEDURES

- *Class A.* IFR flights only are permitted, all flights are subject to air traffic control service and are separated from each other.
- *Class D.* IFR and VFR flights are permitted and all flights are subject to air traffic control service, IFR flights are separated from other IFR flights and receive traffic information in respect of VFR flights, VFR flights receive traffic information in respect of all other flights.
- *Class G.* IFR and VFR flights are permitted and receive flight information service if requested.

## SPECIAL REQUIREMENTS AND REGULATIONS

An aircraft should normally communicate with the air-ground control radio station that exercises control in the area in which the aircraft is flying. Aircraft should maintain a continuous watch on the appropriate frequency of the control station and should not abandon watch, except in an emergency, without informing the control radio station.

All flights entering the Cayman Islands TMA are required to establish two-way communications with Cayman Approach at least 10 minutes prior to entry.

IFR flights operating between the Kingston and Havana FIRs as well as the Kingston and Panama FIRs will normally be assigned westbound hemispheric cruising levels when northbound and eastbound hemispheric cruising levels when southbound by Havana, Panama and Kingston ACCs as a result of special agreement between these ACCs.

QFE altimeter settings are not available.

## DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

### ANNEX 2—RULES OF THE AIR, Tenth edition

#### Chapter 4

**4.7** Aircraft in level flight above 3000 ft above mean sea level or above the appropriate transition altitude, whichever is the higher, shall be flown at a level appropriate to its magnetic track: Below 19,500 ft — Quadrantal Rule, Above 19,500 ft — Semicircular Rule.

## CUBA RULES AND PROCEDURES

### GENERAL

The Air Traffic Rules and Procedures applied in the Republic of Cuba are adjusted in general lines to the Standards and Recommended practices contained in the Annexes 2 and 11, Procedures for Air Navigation Services (PANS-ATM), ICAO Doc. 4444 and Supplementary Procedures for CAR/SAM Region, ICAO Doc. 7030.

Units of measurement will be used for operations within Havana FIR/UIR.

Measurement of	Unit
Distance used in navigation, position reporting, etc., generally in excess of 2 NM	Nautical Miles
Distances relating to airports (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Meters and Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes, the day of 24 hrs beginning at midnight UTC.

### WGS-84 COMPLIANT

### FLIGHT PROCEDURES

#### PROCEDURE LIMITATIONS AND OPTIONS

Holding, approach and departure procedures are based on ICAO Doc. 8168-OPS/611 (PANS-OPS).

### ATS AIRSPACE CLASSIFICATION

Controlled airspace is designated in accordance with standard ICAO airspace classifications as depicted on Enroute Charts.

### SPECIAL REQUIREMENTS AND REGULATIONS

Unless authorized by ATC, VFR flights shall not operate between sunset and sunrise.

## CUBA RULES AND PROCEDURES

Departing aircraft must communicate to Havana ATC the expected point and time of FIR crossing no less than 10 minutes prior to crossing. Aircraft that depart an airport less than 10 minutes from crossing should inform Havana ATC immediately after takeoff.

QFE altimeter settings are not available.

## DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

### ICAO REFERENCE

#### PANS-RAC (Doc 4444)

**6.3.2.4** When a departing aircraft on a SID is cleared to climb to a level higher than the initially cleared level or the levels specified in a SID, the aircraft shall interpret that the level indicated in the SID is cancelled and comply with the flight level indicated by the ATC.

**6.5.2.4** When an arriving aircraft on a STAR is cleared to descend to a level lower than the level or the levels specified in a STAR, the aircraft shall interpret that the level indicated in the STAR is cancelled and comply with the flight level indicated by the ATC. Published minimum levels based on terrain clearance shall always be applied.

### Appendix 2

#### 2.2 Instructions for insertion of ATS data

Field 8, Flight rules and type of flight. 8) Type of Flight.	All flight plans presented for operating in Havana FIR must include the letter identifying the type of flight.
Field 10, Equipment and capacities 10a), Equipment and capacities of radio communications, and the air navigations and approach aids.	It is admitted up to a maximum of 50 characters
Field 13, Departures airports and times.	The term AFIL is not admitted for the departure airport when the flight plan is received from a flying aircraft
Field 15, Route. b), Cruiser level c), Route (including change of speed, level or flight rules).	It is not admitted flight levels or altitudes expressed by the letters S and M respectively.
Field 16, Destination airports and expected total flight duration, alternative destination airports.	All flight plans that be presented to operate in airports located inside of Havana FIR shall include alternative destination airports.

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**CUBA**  
**RULES AND PROCEDURES**

Field 18, Other data.

All flight plans presented for operating in Havana FIR must included indicator EET/ data related to the significant points in the field limits and total duration foreseen from departure up to the arrival of such points.

The flight plans of the general aviation flights operating in the Havana FIR shall contain in the field RMK/ the permission number given by the Aviation Authority.

**DOMINICAN REPUBLIC  
RULES AND PROCEDURES****GENERAL**

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation position reporting, etc., generally in excess of 2 to 3 NM	Nautical Miles and Tenths
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Statute Miles, or Kilometers/Meters, when specified
Altimeter setting	Hectopascals/Inches
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and minutes, beginning at mid-night UTC.

**WGS-84 COMPLIANT****FLIGHT PROCEDURES**

The holding, approach, and departure procedures in use are based on those contained in the latest edition of PANS-OPS.

**HOLDING****Speeds****MAXIMUM SPEEDS*****Category A & B Aircraft***

Up to FL140 inclusive — 170 kt

**DOMINICAN REPUBLIC  
RULES AND PROCEDURES*****Jet Aircraft***

Up to FL140 inclusive — 230 kt

From FL140 to FL200 inclusive — 240 kt

From FL200 to FL340 inclusive — 265 kt

Turbulent air up to FL340 — 280 kt or Mach 0.8, whichever is less.

Above FL340, including turbulent conditions — Mach 0.83

Holding should be executed as exact as possible due to limited airspace. Pilots are requested to advise ATC if for any reason holding cannot be conducted in the required manner.

**PROCEDURE LIMITATIONS AND OPTIONS**

Instrument approach procedures are based on those contained in PANS-OPS, Document 8168, Volume II.

**AIRPORT OPERATING MINIMUMS**

The Dominican Republic does not publish Airport Operating Minimums for ILS/LOC procedures at Santo Domingo (Las Americas Intl). Obstacle Clearance Altitudes (Heights) [OCA(H)] are published for these procedures. For all other procedures the Dominican Republic publishes Minimum Descent Altitude (Height) [MDA(H)], ceiling and visibility for landing. Ceiling and visibility are published for take-off.

Jeppesen charted minimums are not below State minimums.

**ATS AIRSPACE CLASSIFICATION**

The Dominican Republic airspace is designated in accordance with the standard ICAO airspace classification as follows:

**Class “A”** — Santo Domingo UIR airspace, FL195 - FL600.

**Class “G”** — Santo Domingo FIR airspace.

**Class “D”** — All control zones, GND - 2000 ft + (AGL), the Las Americas TMA, 2000 ft (AGL) - FL195, the Cibao TMA, 2000 ft (AGL) - FL195 inside a circle of 40 NM from PTA VOR/DME and 6000 ft (AGL) outside a 40 NM circle (limited by the lateral limits of Cibao TMA), the Punta Cana TMA - MVA - 15,500 ft MSL, and all airways and routes, MVA - FL195, within the Santo Domingo FIR/UIR area.

**SPECIAL REQUIREMENTS AND REGULATIONS**

Except when a clearance is obtained from an air traffic control unit, VFR flights shall not take off or land at an aerodrome within a control zone, or enter the aerodrome traffic zone or traffic pattern:

- a. when the ceiling is less than 450m (1500 ft); or
- b. when the ground visibility is less than 5km.

## DOMINICAN REPUBLIC RULES AND PROCEDURES

Within controlled airspace, VFR flights may be prohibited completely or partly by the air traffic services with regard to limitation of space and time if urgently required by the degree of intensity of air traffic subject to air traffic control.

VFR is not permitted above FL195.

### PROHIBITED, RESTRICTED AND DANGEROUS ZONES

All aircraft entering Santo Domingo FIR, from north, east, south and west are requested to contact ten (10) minutes before boundary crossing.

## DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

### ICAO REFERENCE

#### ANNEX 2

4.1 (See VFR Weather Minima Table.)

#### BASIC VFR WEATHER MINIMUMS

Airspace	Flight Visibility	Distance from Cloud
Class "B"	8 kilometers	Clear of Cloud
Class "C," "D" and "E"	8 kilometers	300m (1,000 ft) vertical; 1,500m (5,000 ft) horizontal
Class "F" and "G"		
Above 900m (3000 ft) MSL or above 300m (1000 ft) AGL, whichever is higher	8 kilometers	300m (1,000 ft) vertical; 1,500m (5,000 ft) horizontal
At or below 900m (3000 ft) MSL or 300m (1000 ft) AGL, whichever is higher	8 kilometers	Clear of Cloud and in sight of the surface

#### NOTE:

1. *Flight visibilities lower than 1500m may be permitted for operations:*
  - *at speeds that in the prevailing visibility will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision;*
  - *in circumstances in which the probability of encounters with other traffic would normally be low; e.g., in areas of low traffic volume and for aerial work at low levels.*
2. *Helicopters may be permitted to operate in less than 1500m flight visibility, if maneuvered at a speed that will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision.*
3. *Classes of airspaces "C", "B", "E" and "F" are not used in the Santo Domingo FIR.*



## E CARIBBEAN STATES RULES AND PROCEDURES

### GENERAL

In general, the air traffic rules and procedures in force and the organization of the air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Information on these Rules and Procedure pages are applicable to the following Eastern Caribbean States/Airports in the Caribbean ICAO region:

ANGUILLA (San Juan FIR)	Anguilla I, Anguilla (Wallblake Apt)
ANTIGUA (Piarco FIR)	St Johns, Antigua (V C Bird Intl)
BRITISH VIRGIN IS (San Juan FIR)	Roadtown, British Virgin Is (Lettsome Intl)
DOMINICA (Piarco FIR)	Roseau, Dominica (Canefield Intl)
GRENADA (Piarco FIR)	St George's, Grenada (Point Salines Intl)
MONTSERRAT (Piarco FIR)	Gerald's (Gerald's Airport)
NEVIS I (Piarco FIR)	Charlestown, Nevis I (Vance Winkworth Amory)
ST KITTS (Piarco FIR)	St Kitts I, St Kitts (Bradshaw Intl)
ST LUCIA (Piarco FIR)	Castries, St Lucia (George F. Charles) Vieux Fort, St Lucia (Hewanorra Intl)
ST VINCENT (Piarco FIR)	St Vincent I, St Vincent (Argyle Intl)
TRINIDAD and TOBAGO (Piarco FIR)	Port of Spain, Trinidad (Piarco Intl) Scarborough, Tobago (Crown Point Apt)

Eastern Caribbean States may generally be considered as that line of islands in the West Indies running eastward from Puerto Rico, and then southward to the South American continent. The following are excluded from this group:

- Virgin Is (United States Caribbean Territory)
- St Maarten (Neth Antilles)
- Guadeloupe and Martinique (French Antilles)

## E CARIBBEAN STATES RULES AND PROCEDURES

– Barbados

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation position reporting, etc., generally in excess of 2 NM	Nautical Miles and Tenths
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Meters (Feet)
Horizontal speed including wind speed	Knots
Vertical speed	Feet per minute
Wind direction for landing and taking off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms*
Time	Hours and minutes beginning at midnight UTC.
* Except for Trinidad and Tobago, other States and Territories use in addition, the units pounds (lbs).	

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### PROCEDURE LIMITATIONS AND OPTIONS

The holding, approach and departure procedures in use are based on those contained in the latest edition of ICAO Doc 8168 – *Procedures for Air Navigation Services – Aircraft Operations (PANS-OPS)*.

Holding speeds comply with ATC Chapter ICAO Flight Procedures (DOC 8168) Part IV Holding Procedures, Table “Holding Speeds ICAO DOC 8168 Volume I”.

### AIRPORT OPERATING MINIMUMS

Eastern Caribbean States publish Decision Altitude (Height) [[DA(H)]], Minimum Descent Altitudes (Heights) [[MDA(H)]] and visibility for landing. Visibilities are published for takeoff.

Jeppesen charted minimums are not below State minimums.

**E CARIBBEAN STATES  
RULES AND PROCEDURES****ATS AIRSPACE CLASSIFICATION**

Standard ICAO ATS airspaces classifications have been selected within the Eastern Caribbean States. Specific areas and altitudes are identified on Jeppesen Enroute Charts.

**SPECIAL REQUIREMENTS AND REGULATIONS**

Flight plans for flights or portions thereof along oceanic routes not defined by specific reporting points shall be made in accordance with the following:

- a. For flights whose flight path is generally oriented in an east-west direction, the planned track shall normally be defined by significant points formed by the intersection of half or whole degrees of latitude with meridians spaced at intervals of 10 degrees.
- b. For flights whose flight path is generally oriented in a north-south direction, the planned track shall normally be defined by significant points formed by the intersection of whole degrees of longitude with specific parallels of latitude spaced at 5 degrees intervals.

Aircraft exiting the Piarco CTA/FIR (TTZP) to enter the New York OCA (KZNY) shall:

- a. Request Oceanic Clearance at least 30 minutes before reaching the TTZP/KZNY boundary;
- b. Request Oceanic Clearance before departure from airports within the V C Bird or Pointe-A-Pitre TMAs;
- c. Indicate on the flight plans coordinates at the TTZP/KZNY boundary preceded by TAS given as a Mach number.

Position reports made by aircraft operating within an oceanic control area at a distance of 60 NM or less from the common boundary with an adjacent oceanic control area, including aircraft operating on tracks through successive points on such boundary, shall also be made to the area control center serving the adjacent control area.

**FANS-1/A OPERATIONS IN THE PIARCO FIR****FANS-1/A AIRSPACE**

The entire FIR of Piarco will be designated as FANS-1/A airspace with the following limitations.

- Full FANS-1/A (CPDLC and ADS-C) service will be available East of 057° W longitude from FL060 and above.
- Flights operating West 057° W longitude will logon to Piarco only when instructed to do so.
- Flights operating West of 057° W longitude shall expect only a CPDLC service.

**FANS-1/A SERVICE**

A 'Log-On' address refers to the designator for a given Data Authority For Piarco the FANS-1/A Log On address is TTZP.

## E CARIBBEAN STATES RULES AND PROCEDURES

### AIRCRAFT LOG-ON

FANS-1/A Log On should be established at least 15 minutes prior to the entry time for the Piarco FIR boundary. For flights departing airports in the Piarco's FIR, Log On may be conducted by aircraft on the ground.

### REQUIRED AIRCRAFT LOG-ON PARAMETERS

A FANS-1/A service is only established when all the required Log On parameters match those contained in the ICAO flight plan.

### REQUIREMENTS FOR A FANS-1/A LOG-ON

- Aircraft-ID as stated in item 7 of the ICAO flight plan, and the aircraft registration.
- Departure and destination airfields (not IATA codes).
- Route as stated in the ICAO flight plan.

*These are used to match the particular flight with the flight plan stored in the ground system.*

### FLIGHT PLANNING

In order to use FANS-1/A services, aircraft operators shall file equipage J1 – J7 (as appropriate) in field 10a of their flight plan to indicate CPDLC equipage and D1 in field 10b to indicate ADSC capability.

#### NOTE:

- Using IATA flight ID, inserting additional leading zeros or spaces will result in a failed LOG-ON.*
- Incorrectly filed flight plans or late change of aircraft frame may result in a failed LOG-ON unless the flight plan is updated.*
- Operators shall desist from including hyphens in the aircraft registration when filing.*

Aircraft **must** be set to Log On to the correct Data Authority.

### ESTABLISHING CPDLC CONNECTION

Although an aircraft (FANS equipped) may be logged-on to a Data Authority, no CPDLC service will be available until an active CPDLC connection has been established.

The previous Data Authority is required to send a CPDLC END SERVICE REQUEST message to the aircraft.

A CPDLC CONNECTION REQUEST must then be sent by the receiving ground system and acknowledged by the airborne system.

On entry at Piarco's FIR a CPDLC position report should be made to verify that Piarco is the CURRENT DATA AUTHORITY.

If the downlink message fails then the pilot should attempt a manual logon by **SELECTING ATC COMM OFF THEN LOGON TO TTZP.**

**E CARIBBEAN STATES  
RULES AND PROCEDURES****POSITION REPORTING**

ADS-C shall be the primary means of position reporting in airspace East of 057° W longitude. Flights that are not ADS-C capable shall make reports via CPDLC or voice on the HF assigned.

**TRANSFER OF CPDLC BETWEEN PIARCO DATA AUTHORITY AND ADJACENT DATA AUTHORITIES**

When possible, Piarco ground system will attempt to automatically nominate the appropriate Next Data Authority (NDA) to continue the CPDLC service. Crews should be aware that this may not always succeed and a manual log-on to the Next Data Authority may be required.

**CPDLC ERRORS**

If a flight crew receives an 'ERROR' response to a downlink message it should not be re-sent as this may generate another 'ERROR', and a possible time-out.

**IMPORTANT NOTES**

If a flight crew has any doubt regarding the content, validity or execution of a CPDLC message they must revert to voice communication immediately to clarify the meaning or intent of the message. When querying a CPDLC UPLINK MESSAGE VIA VOICE, flight crews should reply with 'UNABLE', to the uplink message to close the dialogue.

Within Piarco's continental airspace (airspace west of 57W) CPDLC is a supplementary means of communication. Voice over R/T remains the primary means of communication.

In Piarco's oceanic airspace CPDLC shall be the primary means of communication and voice via HF shall be the alternate.

If a CPDLC instruction is superseded by a voice instruction, in order to avoid a time-out the flight crew are requested to respond 'UNABLE' to close the original CPDLC dialogue and follow the voice instruction.

Controllers may be required to respond to a downlink request with 'UNABLE' to close the dialogue.

Flight crews of FANS equipped aircraft are requested to respond promptly to uplinked CPDLC messages due to known network latency issues.

If a flight crew determines they will need a significant amount of time to respond to a message, they should send a STANDBY response.

Due to the potential for FANS message duplication, flight crews are requested to report any suspected instances of duplicated CPDLC messages by filing a safety occurrence report.

Operators should email fault reports or concerns to the Centralized Reporting Unit (CRU) at Piarco. This report should be sent as soon as the possible after the event to:

**cru@caa.gov.tt**

Flight Crews should respond as soon as possible to uplink messages to prevent a message time-out and to ensure no open dialogue exists.

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**E CARIBBEAN STATES  
RULES AND PROCEDURES**

Any queries relating to CPDLC operations should be sent to: **piarcoacc@caa.gov.tt** or **cru@caa.gov.tt**

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

None published.

## FRENCH ANTILLES RULES AND PROCEDURES

### GENERAL

In general, air procedures and regulations comply with ICAO Standards, Recommended Practices and Procedures.

French Departments in the French Antilles:

- Guadeloupe
- Martinique

Units of measurement used in aeronautical publications and NOTAM are as listed in the following table.

Measurement of	Unit
Distances used in navigation	Nautical Miles and Tenths
Altitudes, elevations, heights, dimensions on aerodromes and short distances	Meters, <sup>1</sup> Feet
Horizontal speed	Knots
Vertical speed	Meters Per Second
Wind direction for landing and take-off	Degrees Magnetic
Wind direction for all other use	Degrees True
Cloud altitudes and heights	Meters
Visibility	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes
<sup>1</sup> <i>Altitudes and Heights on Instrument Procedure and Enroute charts</i>	

### WGS-84 COMPLIANT

### FLIGHT PROCEDURES

#### HOLDING

Holding procedures are based on those contained in ICAO PANS-OPS, Document 8168, Volume II.

#### PROCEDURE LIMITATIONS AND OPTIONS

Instrument departure and approach procedures are based on those contained in ICAO PANS-OPS, Document 8168, Volume II.

## FRENCH ANTILLES RULES AND PROCEDURES

When an aircraft has been allotted landing number one and when it is known that it is making use of the QFE to end its approach, the position of this aircraft in the vertical plane is expressed as a function of its height in relation to the QFE reference level during that part of the flight during which the QFE may be used, essentially during final approach. This height is expressed in relation to the altitude of the aerodrome. However, in the case of an IFR approach, height is expressed in relation to the elevation of the runway threshold:

- for all precision approaches;
- for all non precision approaches when the threshold is more than 5m (16') below the aerodrome elevation.

Selection of the altimeter settings used during the missed approach procedure depends on whether the procedure can or cannot be carried out below the transition altitude.

### AIRPORT OPERATING MINIMUMS

#### General

French Antilles State minima are in accordance with EU-OPS, Appendix 1 (new) to Ops 1.430.

Jeppesen published minima on approach charts with label **Standard** are not below State minima.

#### Using MDA(H) as a DA(H) — CDFA Flight Technique

The operational minima published on French Antilles non-precision approach charts have been determined based on the assumption that these approaches are flown using the CDFA flight technique unless otherwise stated by the Authority for a particular approach to a particular runway.

The CDFA flight technique implies a continuous descent on final approach, without level-off at or above the MDA(H).

To avoid descending below the MDA(H) in case of a Missed Approach, France State Authority recommends to add following mean vertical margins to the published MDA(H) to use it as a DA(H):

Aircraft Category	Margin/Add-On
A	20 ft
B	30 ft
C	40 ft
D	60 ft

These margins, however, are not considered necessary by France State Authority, if it is ensured that all three criteria below are fulfilled:

- The visual segment surface (VSS) is not penetrated by an obstacle
- Protection of the initial Missed Approach complies with ICAO recommended rules
- The MAP is located at or after the runway threshold



## FRENCH ANTILLES RULES AND PROCEDURES

Under these conditions, it is assumed that the obstacles will be cleared with sufficient margin if the go-around procedure is initiated at an altitude corresponding to the MDA, provided that the descent slope is strictly monitored and that the go-around maneuver complies with the normal use of the aeroplane.

*NOTE: The fulfillment of these criteria can be derived from the State Source and will be considered on Jeppesen charts accordingly.*

### JEPPESEN Charts

Based on the information above, Jeppesen Non-Precision approach charts will show the following if CDFA criteria fulfilled:

a. **DA/MDA(H)** label

This label indicates that the associated minima (RVR/CMV) are to be used in conjunction with the CDFA flight technique and, in case a Missed Approach must be initiated, an immediate climb out without level-off shall be performed. The lateral part of the missed approach procedure must be flown via the MAP, unless otherwise stated on the approach chart.

b. The published **DA/MDA(H)** values will not include an add-on to account for a height loss below the MDA(H).

c. **CDFA** label

Additional indication that the associated minima can only be used when the CDFA technique is applied.

d. If one or more of the three criteria previously mentioned are **not** fulfilled, an additional note will be published on the chart, referencing the recommendation to apply the add-on margins to the published **DA/MDA(H)** value, to use the MDA(H) as a DA(H).

The note will read:

“For add-on to the MDA(H), see ATC pages FRENCH ANTILLES”.

Should the CDFA technique not be possible for a particular approach, the descent limit will be labeled **MDA(H)** and the Minima Box will show the label **non-CDFA**, to indicate that the charted minima have been increased following EU-OPS regulation (by 200m for Cat A/B aeroplanes and by 400m for Cat C/D aeroplanes, providing that the resulting RVR/CMV value does not exceed 5000m).

## INSTRUMENT DEPARTURE PROCEDURES

### Turning Departures

For Category A and B aircraft, the lowest height at which a turn may be initiated is 90m (295') above the departure end of the runway (DER). There are two types of turning departures to consider:

**Initial Turn** — A turn made at a height of less than 300m (1000') or at a distance of less than 3.2 NM from the DER.

## FRENCH ANTILLES RULES AND PROCEDURES

**Turn After Initial Climb** — A turn made at a height or distance greater than that for an “initial turn.”

Aircraft Category	Maximum indicated airspeeds (kt)	
	Initial Turn	Turn After Initial Climb
A	120	120
B	145	165
C	175	265
D	205	290

## ATS AIRSPACE CLASSIFICATION

For the departments of Guadeloupe and Martinique in the Piarco (Trinidad) FIR/UIR air space:

- a. The air space above the French part of the island of Saint Martin (department of Guadeloupe) which depends on the flight information region SAN JUAN (Puerto Rico) FIR/UIR and lies under the aerodrome control zone of PHILIPSBURG-JULIANA (Dutch West Indies).
- b. The air space above Saint Barthelemy island (department of Guadeloupe) which depends on the flight information region SAN JUAN FIR/UIR.

## SPECIAL REQUIREMENTS AND REGULATIONS

### PROVISIONS REGARDING RADIO COMMUNICATIONS AT NON-CONTROLLED AERODROMES

When an aerodrome is provided with a control tower or an AFIS center and these are out of service, pilots shall use the frequency assigned to the tower or AFIS center.

When neither of these services are available, pilots shall use the self information frequency assigned to the aerodrome, failing this, they shall operate on 123.5 MHz.

Pilots-in-command of aircraft equipped with radio communication equipment shall make position reports, state their intentions and inform the AFIS center of any subsequent modifications or, if not available do the same via a self information procedure as follows:

#### On Arrival

- before joining the aerodrome traffic;
- on the downwind leg;
- on the base leg;
- on the final leg;
- when the runway is clear;
- on the apron.

**FRENCH ANTILLES  
RULES AND PROCEDURES****On Departure**

- on the apron before starting to move;
- at holding point(s) before entering the runway;
- when lined up before take-off;
- when leaving the aerodrome traffic.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ICAO REFERENCE****ANNEX 2**

**3.1.2** ICAO provision complemented by the decree of October 10, 1957 relating to the overflight of agglomerations and gatherings of persons or animals, as well as by decrees and orders for the overflight of national parks and other municipal by-laws.

**3.2.2** An aircraft that is aware that the maneuverability of another aircraft is impaired shall give way to that aircraft.

**3.2.3.2 b)** unless stationary and otherwise adequately illuminated, all aircraft on the movement area of an airport shall display lights intended to indicate the extremities of their structure, as far as practicable.

**3.2.2.4** Sailplanes overtaking. A sailplane overtaking another sailplane may alter its course to the right or to the left.

**3.3.1.2** a flight during which the aircraft must cross a border of the French territory is subject to a flight plan filed at least 60 minutes before departure.

**3.3.5.2** A flight plan for a VFR flight may be closed during the flight when it is not or no longer required. However, it remains mandatory for the duration of a flight that crosses a border.

**3.6.2.2** Involuntary changes. In the event of an unintentional departure of an aircraft in controlled flight from the current flight plan, the following measures shall be taken:

- 1) deviation from the road: if the aircraft has deviated from its course, the pilot rectifies the course immediately to reach the road as soon as possible;
- 2) Variation in true airspeed: If the average true speed at cruising level, between reporting points, differs or is likely to differ by plus or minus 5% from the value indicated in the flight plan, the competent air traffic services is notified;
- 3) estimated time change: if it is found that the estimated time relating to the first of the following: next applicable reporting point, flight information region or destination airport limit, is tainted with an error exceeding two minutes in relation to the time notified to the ATS (or any other period of time specified by the competent authority), a revision of the estimated time shall be notified as soon as possible to the relevant ATS body;

## FRENCH ANTILLES RULES AND PROCEDURES

- 4) In addition, if the flight is subject to an applicable ADS agreement, the air traffic services unit is automatically informed by data link whenever changes occur that exceed the specified thresholds. in the ADS event contract.

**3.9** In uncontrolled airspace, below the surface defined by the highest of the following two levels: 900 meters (3000 feet) above mean sea level or 300 meters (1000 feet) above the surface, the required flight visibility for aircraft other than helicopters is:

- 5000 meters, or
- 1500 meters, if the indicated speed is less than or equal to 140 knots.

In uncontrolled airspace, below the surface defined by the highest of the following two levels: 900 meters (3000 feet) above mean sea level or 300 meters (1000 feet) above the surface, the flight visibility required for helicopters is:

- 5000 meters, if the indicated speed is greater than 140 knots,
- 1500 meters, if the indicated speed is greater than 50 knots and less than or equal to 140 knots,
- 800 meters, if the indicated speed is less than or equal to 50 knots.

**4.1** the special night VFR helicopter is possible if it is moving at an indicated speed below 140 knots and can maintain the following conditions:

- the aircraft moves out of the clouds and in view of the ground;
- flight visibility is 4000 meters or more;
- the ceiling is at least 1000 feet.

**4.5** VFR flights may be authorized above FL195 in reserved airspace (TSA, TRA or CBA).

**4.6** Except when necessary for take-off or landing, or except by permission from the competent authority, a VFR flight shall not be flown:

- (1) over the congested areas of cities, towns or settlements or over an open-air assembly of persons at a height less than 300m (1000 ft) above the highest obstacle within a radius of 600m from the aircraft;
- (2) elsewhere than as specified in (1), at a height less than 150m (500 ft) above the ground or water, or 150m (500 ft) **above the highest obstacle within a radius of 150m (500 ft) from the aircraft.**

**4.6 b)** Remotely piloted aircraft, gliders in slope flight, balloons and PULs may operate at a height of less than 150 meters, In the case of an instructional flight on an airplane, this height is reduced to 50m (150 ft) for training on forced landings or voluntary flight interruptions; on the other hand, a distance of 150m from any person, every vehicle, every ship on the surface and every artificial obstacle is respected at all times.

**5.3.1** In uncontrolled airspace, the first level to be used in IFRs can be performed above the highest of the following two levels: 3000 feet AMSL or 1000 feet above surface.

The helicopter flights carrying inter-hospital transport may derogate from this rule.

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**FRENCH ANTILLES  
RULES AND PROCEDURES**

**5.3.2** All IFRs outside controlled airspace must establish communication with the flight information organization and maintain listening.

## HAITI RULES AND PROCEDURES

### GENERAL

The air traffic rules and procedures applicable to air traffic in Haiti territory conform to Annexes 2 and 11 to the Convention on International Civil Aviation and to those portions of the Procedures for Air Navigation Services/Rules of the Air and Air Traffic Services applicable to aircraft and of the Regional Supplementary Procedures applicable to the CAR/SAM Regions.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc., generally in excess of 2 NM	Nautical Miles and Tenths
Relatively short distances such as those relating to airports (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and taking off	Degrees Magnetic
Wind direction for all other purposes	Degrees True
Visibility, including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes

### WGS-84 COMPLIANT

### FLIGHT PROCEDURES

#### PROCEDURE LIMITATIONS AND OPTIONS

The holding, approach and departure procedures in use are based on those contained in the latest edition of ICAO Doc 8168 — Procedures for Air Navigation Services — Aircraft Operations (PANS-OPS).

### ATS AIRSPACE CLASSIFICATION

Haiti airspace is designated in accordance with ICAO airspace classifications.

Classes of airspace B, C, E and F are not used in Port-au-Prince FIR.

## HAITI RULES AND PROCEDURES

### SPECIAL REQUIREMENTS AND REGULATIONS

Flights shall be conducted in accordance with the instrument flight rules even when not operating in instrument meteorological conditions, when operated more than 90km seaward from the shoreline.

All IFR flights shall comply with the procedures for air traffic advisory service when operating in advisory airspace.

If an aircraft has inadvertently deviated from the route specified in its ATC clearance, it shall forthwith take action to regain such route within one hundred (100) nautical miles from the position at which the deviation was observed.

QFE altimeter settings are not available.

### DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

#### ANNEX 2

##### Chapter 2

It is prohibited to overfly Port-Au-Prince and Cap-Haitien cities at less than 8000 feet

There are no established procedures for SSR equipped aircraft.

##### Chapter 3

##### *Minimal Heights*

Flights over populated areas and the cities of Port-au-Prince and Cap-Haitien are prohibited below an altitude of 2400m (8000 feet) QNH.

Flights over public gathering are prohibited unless necessary for take off or landing or unless operated at sufficient altitude to ensure a safe emergency landing without endangering populations or properties on the ground.

##### *Submission of Flight Plan*

Whether they are operated within or outside controlled airspace, all VFR and IFR Flights are required to file a Flight Plan.

##### *Position Reports*

In the terminal control area (TMA) and in the control area (CTR), position reports are mandatory for VFR flights.

##### Chapter 5

##### *Instrument Flight Rules*

Above flight level 180 within the control traffic area of Port-au-Prince (CTA), flights will be operated in accordance with the instrument flight rules.

**JAMAICA  
RULES AND PROCEDURES****GENERAL**

The rules and procedures applicable to air traffic operating within the territory of Jamaica conform to Annexes 2 and 11 to the Convention on International Civil Aviation and to those portions of the Procedures for Air Navigation Services - Air Traffic Management applicable to aircraft and of the Regional Supplementary Procedures applicable to the CAR Region, except for the differences listed below.

Units of measurement used in operations under current rules are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc.	Nautical Miles and tenths
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility including runway visual range	Meters/Kilometers
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and minutes, beginning at midnight UTC

**WGS-84 COMPLIANT****FLIGHT PROCEDURES****HOLDING**

Holding speeds comply with ATC Chapter ICAO Flight Procedures (DOC 8168) Part IV Holding Procedures, Table "Holding Speeds ICAO DOC 8168 Volume I".

**PROCEDURE LIMITATIONS AND OPTIONS**

The holding, approach and departure procedures in use are based on those contained in the latest edition of ICAO Doc 8168 - *Procedures for Air Navigation Services - Aircraft Operations*(PANS-OPS).



## JAMAICA RULES AND PROCEDURES

### Aircraft Speed Limitations

IFR flights operate at 250 KIAS or less below 10,000 ft AMSL.

VFR flights operate at 220 KIAS or less.

### AIRPORT OPERATING MINIMUMS

Jamaica publishes Decision Altitude (Height) [DA(H)], Minimum Descent Altitude (Height) [MDA(H)] and visibility for landing. Visibility is published for take-off. Ceiling and visibility are published for alternate. In addition, Jamaica publishes Obstacle Clearance Altitude (Height) [OCA(H)].

Jeppesen Charted minimums are not below State minimums.

### ATS AIRSPACE CLASSIFICATION

The following four (4) ATS Airspace classifications are currently employed within the Kingston Flight Information Region (FIR).

**Class A** — IFR flights only are permitted. All flights are provided with Air Traffic Control service and are separated from each other.

Class A airspace extends from 14,501 ft Above Mean Sea Level (AMSL) to unlimited.

**Class D** — IFR and VFR flights are permitted. All flights are provided with air traffic control service. IFR flights are separated from other IFR flights and receive traffic information in respect of VFR flights. VFR flights receive traffic information in respect of all other flights.

**Class E** — IFR and VFR flights are permitted. IFR flights are provided with air traffic control service and are separated from other IFR flights. All flights receive traffic information as far as is practical.

Class E airspace extends from 4501 ft AMSL to 14,500 ft AMSL.

*Difference from ICAO:* Portion of Class E airspace, designated as Traffic Information Zone (TIZ) has requirement for continuous two way radio communication.

**Class G** — IFR and VFR flights are permitted and receive flight information, if requested.

Class G airspace extends from the surface up to 4500 ft AMSL.

*Difference from ICAO:* VFR restricted – only VFR flights are permitted.

### SPECIAL REQUIREMENTS AND REGULATIONS

The following RNAV routes within Kingston FIR are RNP 10:

UL599, UL674, UL780, UL795, UM782.

Flights entering the Kingston FIR shall establish two-way radio communication with Kingston ACT on the appropriate frequency at least three (3) minutes or twenty (20) nautical miles, prior to entering.

## JAMAICA RULES AND PROCEDURES

The pilot-in-command or his designated representative or handling agent, shall submit a flight plan at least 60 minutes prior to planned engine start time. IFR flights departing from non-controlled airports must make arrangements with the area control center prior to take-off.

A flight plan is not to be submitted more than 120 hours (5 days) before EOBT (Estimated Off Block Time), that is departure time.

If a flight plan is filed more than 24 hours in advance of EOBT/departure time, the date of departure must be inserted in item 18 of the flight plan form in the format YYMMDD.

If submitted during flight, a pilot should submit an Air Filed Flight Plan (AFIL) at a time which will ensure its receipt by the appropriate ATC facility at least ten (10) minutes before the aircraft is estimated to reach:

- a. the intended point of entry into a control area or advisory area; or
- b. the point of crossing an airway or advisory route.

IFR flights operating between the Kingston and Havana FIRs as well as the Kingston and Panama FIRs will normally be assigned westbound hemispheric cruising levels when northbound and eastbound hemispheric cruising levels when southbound by Havana, Kingston and Panama ACCs as a result of special agreement between these ACCs.

QFE altimeter settings are not available.

## DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

### ICAO REFERENCE

### ANNEX 2

**3.1.2 Minimum Heights** — Flight(s) over a populous area is prohibited below 1500 feet.

## NETH ANTILLES RULES AND PROCEDURES

### GENERAL

In general, the air traffic rules and procedures applicable to air traffic conform with ICAO Standards, Recommended Practices and Procedures.

Neth Antilles locations/airports in the Caribbean ICAO Region:

- Bonaire I (Kralendijk)/Flamingo Apt (Curacao FIR)
- Curacao I (Willemstad)/Hato Apt (Curacao FIR)
- Saba I (Saba)/Juancho E. Yrausquin Airport (San Juan FIR)
- St Maarten I (Philipsburg)/Princess Juliana Apt (San Juan FIR)
- St Eustatius I (Oranjestad) F.D. Roosevelt (San Juan FIR)

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc., generally in excess of 2 NM	Nautical miles and tenths
Relatively short distances such as those relating to airports (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascal
Temperature	Degrees Celsius
Mass	Metric Tons or Kilograms
Time	Hours and minutes, beginning at midnight UTC

### WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based generally on those contained in PANS-OPS, Document 8168, Volume II.

## NETH ANTILLES RULES AND PROCEDURES

### AIRPORT OPERATING MINIMUMS

The Neth Antilles does not publish State airport operating minimums for landing for airports in the Curacao TMA. For these airports the Neth Antilles publishes either Obstacle Clearance Altitudes (Heights) [OCA(H)] or Obstacle Clearance Limits (OCL). In addition to an OCA(H) for procedures at St Maarten I, the Neth Antilles publishes visibility for landing, and ceiling and visibility for take-off.

### DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

#### ICAO REFERENCE

#### ANNEX 2

#### 2.5 USE OF INTOXICATING LIQUOR, NARCOTICS OR DRUGS

No person shall perform or attempt to perform such service on board an aircraft for which a license is required in pursuance of Section 35 of the Air Navigation Act while under the influence of intoxicating liquor, by reason of which that person's capacity so to act is impaired, apart from duties of secondary importance to safety, in case there is a blood alcohol concentration of 0.40 per thousand or more.

Neither shall any person perform or attempt to perform such service on board an aircraft for which a license is required in pursuance of Section 35 of the Air Navigation Act if, on account of illness, impairment, strain, lack of sleep, or the influence of narcotics or drugs, the ability to act safely on board an aircraft is impaired.

#### 3.1 PROTECTION OF PERSONS AND PROPERTY

In addition to para. 3.1 of ICAO Annex 2, the Rules of the Air contain the following provisions:

**3.1.1.1** The pilot-in-command shall take care that other air traffic is not unnecessarily impeded or disturbed.

**3.1.1.2** The pilot-in-command shall take care that the flight interferes with the surroundings as little as possible. This applies in particular when flying over built-up areas, recreational areas and areas with sensitive fauna.

#### 3.1.7 Acrobatic Flight

In pursuance of para. 3.1.7 of ICAO Annex 2, the following provisions have been established:

**3.1.7.1** No aircraft shall be flown acrobatically unless it is approved for such flight. Acrobatic flight shall be conducted in such a manner as not to endanger life or property of others or other air traffic.

**3.1.7.2** Unless permitted by the Civil Aviation Administration, acrobatic flight shall not be conducted:

- a. over densely built-up areas including areas with summer houses, inhabited camping sites and areas with large gatherings in the open;
- b. under instrument meteorological conditions; and

## NETH ANTILLES RULES AND PROCEDURES

- c. at a height less than 2000 ft (600m) above the highest obstacle within a radius of 1.5km from the aircraft.

### 3.2.5 Operation on and in the Vicinity of an Aerodrome

In addition to para. 3.2.5 of ICAO Annex 2, the Rules of the Air contain the following provision:

The runway in use determined by the appropriate ATS unit shall be used unless safety determines that another runway be preferred.

### 3.7 UNLAWFUL INTERFERENCE

In addition to para. 3.7 of ICAO Annex 2, the Rules of the Air contain the following provision:

On an aircraft which is equipped with an SSR transponder, the pilot-in-command shall, if possible, select Mode A, Code 7500.

### 4.1 WEATHER MINIMA FOR VFR FLIGHTS

In pursuance of para. 4.1 of ICAO Annex 2, the following provisions have been established within Curaçao:

Within a control zone, the appropriate ATS unit can permit special VFR flights to be conducted so that the aircraft is flown with a flight visibility of not less than 1.5km, clear of clouds and in sight of ground or water.

Helicopters may operate, as special VFR flights, with a flight visibility of not less than 0.8km, clear of clouds and in sight of ground or water if manoeuvred at a speed that will give adequate opportunity to observe other traffic or any obstructions in time to avoid collision.

### 4.4 MINIMUM HEIGHTS

In addition to para. 4.4 of ICAO Annex 2, the Rules of the Air contain the following provision:

Flying under bridges and under overhead lines or similar installations is prohibited unless specially authorized by the Civil Aviation Administration.

### PANS-ATM (DOC 4444)

Chapter 7, 12 Special VFR flights will not be authorized when the cloud base is less than 200m and visibility less than prescribed minima.

### REGIONAL SUPPLEMENTARY PROCEDURES (DOC 7030)

The supplementary procedures in force are given in their entirety; differences are shown in bold.

- 1) Visual flight rules (VFR) (ICAO Annex 2, paras. 4.7 and 4.8 refer):

VFR flights to be operated within a control zone established at an aerodrome serving international flights and in specified portions of the associated terminal control area shall:

- a) have two-way radio communications;
- b) obtain permission from the appropriate air traffic control unit; and
- c) report positions, as required.

## NETH ANTILLES RULES AND PROCEDURES

*NOTE: The phrase “specified portions of the associated terminal control area” is intended to signify at least those portions of the TMA used by international IFR flights in association with approach, holding, departure and noise abatement procedures.*

2) Special application of instrument flight rules:

Flights shall be conducted in accordance with the instrument flight rules (even when not operating in instrument meteorological conditions) when operated more than 90km seaward from the shoreline.

3) Air traffic advisory service (PANS-ATM, Chapter 4):

All IFR flights shall comply with the procedures for air traffic advisory service when operating in advisory airspace.

4) Adherence to flight plan (ICAO Annex 2, para. 3.6.2):

If an aircraft has inadvertently deviated from the route specified in its ATC clearance, it shall forthwith take action to regain such route within **ONE HUNDRED (100)** nautical miles from the position at which the deviation was observed.

## TURKS AND CAICOS IS RULES AND PROCEDURES

### GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table:

Measurement of	Unit
Distance used in navigation, position reporting, etc., generally in excess of 2 to 3 NM	Nautical Miles and Tenths*
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet and Flight Levels
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility < 5000 meters (including RVR)	Meters**
Visibility > 5000 meters	Kilometers
Altimeter setting	Inches of Mercury***
Temperature	Degrees Centigrade
Weight	Metric Tons****
Date/Time	Year, month, day, hour and minute, the day of 24 hours beginning at mid-night Coordinated Universal Time
* International nautical miles, for which conversion into meters is given by 1 international nautical mile = 1852 m.	
** Visibility will be provided in nautical miles upon request.	
*** Altimeter will be provided in hectopascals upon request.	
**** Pounds are used to determine charges for aerodrome and air navigation services	

### WGS-84 COMPLIANT

### FLIGHT PROCEDURES

The holding, approach and departure procedures in use are based on those contained in the latest edition of ICAO DOC 8168-OP611 – Procedures for Air Navigation Services—Aircraft Operations (PANS-OPS).

**TURKS AND CAICOS IS  
RULES AND PROCEDURES****PROCEDURE LIMITATIONS AND OPTIONS**

There are no radar services in the Turks and Caicos Islands.

Standard Arrival Charts are not issued in Turks and Caicos Islands.

Air-to-air communications on frequency 123.45 MHz are not permitted.

**AIRPORT OPERATING MINIMUMS**

Turks and Caicos Islands publishes MDA(H) and visibility for landing.

Jeppesen charted minimums are not below State minimums.

**ATS AIRSPACE CLASSIFICATION**

All airspace within Turks and Caicos Island territory is ICAO Class D airspace.

Within Class D airspace, IFR and VFR flights are permitted and all flights are subject to air traffic control service.

**SPECIAL REQUIREMENTS AND REGULATIONS**

Vertical separation during enroute flight shall be expressed in terms of flight levels at all times during an IFR flight and at night.

QFE altimeter settings are not available.

Altimeter setting regions are not applicable in Turks and Caicos Islands airspace.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ANNEX 2**

In the Turks and Caicos Islands:

- a. Minimum height over congested areas is 1500 ft.
- b. There is no minimum height above the surface, but aircraft must maintain a minimum distance of 500 ft from persons, vessels, vehicles and structures.

The minimum heights apply to all flights, whether under VFR or IFR and in all meteorological conditions.

Minimum Flight Altitude

- a. The Turks and Caicos Islands regulations require that an aircraft operating under IFR when operating over high terrain or mountainous areas shall not fly at a height less than 2000 ft above the highest fixed obstacle within a distance of 8km of the aircraft unless the aircraft is flying on a route so notified or is operating at or below 3000 ft AMSL and remains clear of clouds and in sight of the surface.
- b. The Turks and Caicos Islands regulations require that an aircraft operating under IFR shall not fly at a height less than 1000 ft above the highest fixed obstacle within a distance of 8km of the aircraft unless the aircraft is flying on a route so notified or is operating at or below 3000 ft AMSL and remains clear of clouds and in sight of the surface.



## US CAR TERRITORIES RULES AND PROCEDURES

### GENERAL

In general, the air traffic rules and procedures in force and the organization of the air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

United States Federal Aviation Regulations (FARs), ATC procedures and definitions are applicable within the Domestic Airspace, Alaska, Hawaii and Offshore Airspace Areas.

Units of measurement used in the dissemination of aeronautical information.

Measurement of	Unit
Distances used in navigation, position reporting, etc., generally in excess of 2 or 3 NM	Nautical Miles and Tenths
Relatively short distances such as those relating to aerodrome (e.g., runway lengths)	Feet
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Statute Miles or Feet
Altimeter setting	Inches of Mercury
Temperature	Degrees
Weight	Pounds
Time	Hours and Minutes, the day of 24 hours beginning at midnight UTC.

### FLIGHT PROCEDURES

#### HOLDING

Holding procedures comply with Jeppesen ATC – Chapter “Flight Procedures (DOC 8168) – Holding Procedures”, Table IV-1-3, Holding Speeds Per U.S. FAA Regulations.

#### Pilot Action

Start speed reduction when three (3) minutes or less from the holding fix. Cross the holding fix, initially, at or below the maximum holding speed.

Make all turns during entry and while holding at:

- a. 3° per second; or
- b. 30° bank angle; or

## US CAR TERRITORIES RULES AND PROCEDURES

c. 25° bank provided a flight director system is used; whichever requires the least bank angle.

Compensate for wind effect primarily by drift correction on the inbound and outbound legs. When outbound, triple the inbound drift correction to avoid major turning adjustments; e.g., if correcting left by 8° when inbound, correct right by 24° when outbound.

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on joint civil and military criteria contained in the United States Standards for Terminal Procedures (TERPS).

#### Procedure Turns

Where 45°/180° procedure turns are published, the point at which the turn may be commenced and the type and rate of turn is left to the discretion of the pilot. Options to the 45°/180° procedure turn are the:

- a. racetrack pattern;
- b. 80°/260° course reversal;
- c. teardrop procedure turn.

Some procedure turns are specified by procedural track. These turns must be flown exactly as depicted.

*NOTE: When a teardrop procedure turn is depicted, and a course reversal is required, this type turn must be executed.*

When the approach involves a procedure turn, a maximum speed of not more than 200 KIAS should be observed and the turn executed within the distance specified in the profile view.

#### Circling Approach Area

The visual maneuvering area for a circling approach is determined by arcs centered on each runway threshold and joining those arcs with tangent lines. The radius of the arcs are related to the aircraft approach category as follows:

APPROACH CATEGORY	RADIUS (NM)
A	1.3
B	1.5
C	1.7
D	2.3
E	4.5

#### Aircraft Speeds

Aircraft speed (unless otherwise authorized) shall not exceed 250 KIAS below 10,000'.

## US CAR TERRITORIES RULES AND PROCEDURES

Unless otherwise authorized or required by ATC, no person may operate an aircraft within Class C or D surface area at an airspeed of more than 200 KIAS (230 mph).

If the minimum safe airspeed for any particular operation is greater than the maximum speed prescribed, the aircraft may be operated at that minimum speed.

### GPS IFR Equipment Classes/Categories

**Class A** — GPS sensor and navigation capability;

**Class B** — GPS sensor data to an integrated navigation system (i.e., FMS, multi-sensor navigation system, etc.);

**Class C** — GPS sensor data to an integrated navigation system (i.e., FMS, multi-sensor navigation system, etc.); which provides enhanced guidance to an autopilot, or flight director, to reduce flight technical errors. Limited to 14 CFR Part 121 or equivalent criteria.

Equipment Classes A1, 1A1, B1, B2, and C1, C2 require Receiver Autonomous Integrity Monitoring (RAIM). Classes B3, B4 and C3, C4 require an inertial navigation system to provide RAIM equivalent.

### AIRPORT OPERATING MINIMUMS

The United States publishes DH/(HAT), MDA/(HAT or HAA) and visibility for landing. Visibility and, for selected runways/locations, ceilings are published for take-off. Ceiling and visibility are published for alternate at civil airports.

Jeppesen charted minimums are not below State minimums.

### PILOT CONTROLLED LIGHTING (PCL)

Radio control of lighting is available at selected airports to provide airborne control of lights by keying the aircraft's microphone. The control system consists of a 3-step control responsive to 7, 5, and/or 3 microphone clicks. The 3-step and 2-step lighting facilities can be altered in intensity. All lighting is illuminated for a period of 15 minutes (except for 1-step and 2-step REILs which may be turned off by keying the mike 5 or 3 times, respectively).

Suggested use is to initially key the mike 7 times; this assures that all controlled lights are turned on to the maximum available intensity. Adjustment can then be made, where the capability is provided, to a lower intensity (or the REIL turned off) by keying the mike 5 and/or 3 times. Radio controlled lighting receivers may be set at a low sensitivity requiring the aircraft to be relatively close to activate the system. Consequently, even when lights are on, always key mike as directed when overflying an airport of intended landing or just prior to entering the final segment of an approach. This will assure the aircraft is close enough to activate the system and a full 15 minutes of lighting duration is available.

Approved lighting systems may be activated by keying the mike as indicated in the following table:

## US CAR TERRITORIES RULES AND PROCEDURES

KEY MIKE	FUNCTION
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or RE-IL-Off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or RE-IL-Off)

## ATS AIRSPACE CLASSIFICATION

### SPECIAL USE AIRSPACE

Special use airspace consists of airspace wherein activities must be confined because of their nature, or wherein limitations are imposed upon aircraft operations that are not a part of those activities.

#### Restricted Areas

Airspace within which the flight of aircraft while not wholly prohibited, is subject to restrictions. Restricted areas denote the existence of unusual, often invisible, hazards such as artillery firing, aerial gunnery, or guided missiles. Penetration of restricted areas without authorization from the using or controlling agency may be extremely hazardous to aircraft and its occupants.

#### Warning Areas

Airspace of defined dimensions, extending from three nautical miles onward from the Coast of U.S. territory, that contains activity that may be hazardous to non participating aircraft. The purpose of Warning Areas is to warn nonparticipating pilots of the potential danger. A warning area may be located over domestic or international waters or both.

#### Military Operations Areas (MOA)

Airspace established for the purpose of separating certain military activities from IFR traffic. ATC may clear nonparticipating IFR traffic through an active MOA when separation can be provided. If separation cannot be provided, ATC will reroute or restrict IFR traffic. VFR traffic should exercise extreme caution while flying within a MOA when military activity is being conducted.

## SPECIAL REQUIREMENTS AND REGULATIONS

### ALTIMETRY

Within QNH regions (below 18,000') the cruising altitude of an aircraft shall be maintained by reference to an altimeter set to the current reported altimeter setting of a station along the route and within 100 NM of the aircraft, or if there is no station within this area, the current reported altimeter setting of an appropriate available station.

When abnormally low barometric pressure conditions occur (below 28.00 inches), flight operations by aircraft unable to set the actual altimeter setting are not recommended.

## US CAR TERRITORIES RULES AND PROCEDURES

*NOTE: The true altitude of the aircraft is lower than the indicated altitude if the pilot is unable to set the actual altimeter setting.*

## DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

### ICAO REFERENCE

#### DEFINITIONS

**Estimated Off-block Time** — The United States uses the term “estimated departure time” for domestic operations.

**Instrument and Visual Meteorological Conditions** — United States ATS units use the phrase “IFR conditions” and “VFR conditions.”

**Repetitive Flight Plan (RPL)** — The United States uses the term “Stored Flight Plan” for domestic operations.

**Total Estimated Elapsed Time** — The United States uses the term “estimated time enroute” for domestic operations.

### ANNEX 2

#### 3.2.5 Operations on and in the Vicinity of an Aerodrome

Unless otherwise authorized or required by ATC, no person may operate an aircraft within a Class C or D surface area except for the purpose of landing at, or taking off, from an airport within that area.

In addition, in the case of a helicopter approaching to land, avoid the flow of fixed-wing aircraft.

In addition, no person may, within a Class C or D surface area operate an aircraft to, from, or on an airport having a control tower operated by the United States unless two-way radio communications are maintained between that aircraft and the control tower.

**3.3.1.2.2** The United States requires that domestic flight plans be submitted at least thirty minutes before departure. For international flights, the United States recommends that they be transmitted so that they are received by ATC authorities in each FIR to be entered at least two hours prior to entry, unless otherwise provided in that State’s requirements.

**4.2** In the U.S., no person may operate an aircraft beneath the ceiling under VFR within the lateral boundaries of controlled airspace designated to the surface for an airport when the ceiling is less than 1,000 feet. No person may take-off or land an aircraft (other than a helicopter) under special VFR (SVFR) unless ground visibility is at least 1 statute mile or if ground visibility is not reported, unless flight visibility is at least 1 statute mile.

The U.S. restricts the ceiling to 1,000 ft. and ground visibility of 3 miles and greater.

Further differences which exist by virtue of the fact that the Annex contains no comparable standards for the U.S. national regulations.

- a. The regulations covering the selection and use of alternate airports in respect to ceiling and visibility minima, require that:

**US CAR TERRITORIES  
RULES AND PROCEDURES**

Unless otherwise authorized by the FAA Administrator, no person may include an alternate airport in an IFR flight plan unless current weather forecasts indicate that, at the estimated time of arrival at the alternate airport, the ceiling and visibility at that airport will be at or above the alternate airport weather minima.

- b. Operation under IFR in Class A, B, C, D, or E airspace malfunction reports:
  - 1. The pilot-in-command of each aircraft operated in Class A, B, C, D or E airspace under IFR shall report as soon as practical to ATC any malfunctions of navigational, approach, or communication equipment occurring in flight.
  - 2. In each report the pilot-in-command shall include:
    - (a) aircraft identification.
    - (b) equipment affected.
    - (c) degree to which the capability of the pilot to operate under IFR in the ATC system is impaired; and
    - (d) nature and extent of assistance desired from ATC.

**Appendix 1 — Signals, 4.1.1**

The flashing white signal to aircraft in flight, meaning “Land at this aerodrome and proceed to apron” is not used in the United States.

In addition, the alternating red and green signal to aircraft on the ground or in flight means “Exercise extreme caution.”



# Air Traffic Control

State Rules and Procedures - South  
America

**SOUTH AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

## **1 INTRODUCTION**

**1.1** The constant world-wide growth of air traffic, the operational need for aircraft to fly at, or nearest to their optimum flight level, and the demand for a better use of airspace have prompted the implementation of Reduced Vertical Separation Minima (RVSM) of 1000 feet above FL 290 in the different regions of ICAO, such as North Atlantic, Asia-Pacific, Europe, South Atlantic EUR/SAM (SAT) corridor, Western Atlantic Route System (WATRS) and the Mid-East, demonstrating its advantages and that, without any doubt, RVSM represents the best solution to increase the availability of optimum flight levels while at the same time maintaining the required safety levels.

**1.2** Aircraft operators and providers of Air Transit Services will be able to obtain significant benefits with the implementation of RVSM in the CAR/SAM regions that, among others, include:

- a. Improved availability of optimum flight levels;
- b. Improved use of airspace;
- c. Increased airspace capacity;
- d. Use of standardized ATC procedures;
- e. Application of uniform separation minima;
- f. Reduced ground delays and;
- g. Fuel savings of approximately 1% for flights operating at, or very close to optimum flight levels.

**1.3** ICAO Document 9574-Implementation Manual of Minimum Vertical Separation of 300m (1000 ft) between FL 290 and FL 410 Inclusive-contains ample explanations for the safe implementation of RVSM.

## **2 IDENTIFICATION OF RVSM AIRSPACE**

**2.1** The airspace between FL 290 and FL 410 inclusive has been designated as RVSM airspace.

**2.2** The minimum vertical separation applied in RVSM airspace described in the above paragraph is 1,000 ft.
















**2.3** RVSM has been implemented in the national airspace of southern Canada, North American United States, Mexico, Central America, the Caribbean and South America.

### **2.4 RVSM FLIGHT LEVEL ASSIGNMENT SYSTEM (FLAS)**

**2.4.1** The assignment of flight levels in airspace designated as RVSM will be performed according to the following RVSM Cruising Altitudes table:



**SOUTH AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

<b>CRUISING LEVELS APPROPRIATE TO DIRECTION OF FLIGHT (FL280 TO FL430)</b>	
<b>Track from 180 degrees to 359 degrees</b>	<b>Track from 000 degrees to 179 degrees</b>
 FL430	(outside RVSM airspace)
	FL410 
 FL400	
	FL390 
 FL380	
	FL370 
 FL360	
	FL350 
 FL340	
	FL330 
 FL320	
	FL310 
 FL300	
	FL290 
 FL280	(outside RVSM airspace)

### **3 AIRWORTHINESS/OPERATIONS APPROVAL AND MONITORING**

#### **3.1 RVSM APPROVAL**

Aircraft operators that conduct or wish to conduct flights in RVSM airspace must obtain RVSM approval from the State of Registry providing the operator complies with the following conditions:

- a. The aircraft satisfies the specifications of “aircraft system performance minima” (MASPS) of the State of Registry.

## **SOUTH AMERICA REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

- b. The aircraft is operated under the conditions listed in the RVSM operative approval by the operator's state.

*NOTE: Normally for the operators of general aviation aircraft, the State of Registry coincides with the operator's state.*

### **3.2 AIRCRAFT MONITORING**

Aircraft operators that conduct or wish to conduct flights in RVSM airspace must participate in the RVSM Monitoring Program, which provides confirmation that the aircraft meets the height keeping performance requirements.

**3.2.1** Aircraft operators must present a compliance plan for initial monitoring requirements to their respective Civil Aviation Authority.

**3.2.2** The Regional Monitoring Agency for the Caribbean and South America (CARSAMMA) administers the RVSM Monitoring Program in the CAR/SAM regions. CARSAMMA shares monitoring information, including RVSM approval facts, with other ICAO regions.

### **3.3 DOCUMENTATION FOR RVSM APPROVAL, MONITORING, AND OPERATION**

**3.3.1** Refer to State authority(s) for anticipated flights into, or out of, the respective countries.

## **4 FLIGHT PLANNING**

### **4.1 RVSM APPROVED AIRCRAFT**

**4.1.1** When planning to operate an aircraft in RVSM airspace the operator must indicate the status of RVSM approval by placing the letter W in box 10 of the flight plan, independent of the required flight level.

**4.1.2** In cases of repetitive flight plans, the operator must indicate the status of RVSM approval by placing the letter **W** on point Q of the RPL, independent of the required flight level, in the following manner: EQPT/W.

### **4.2 NON-RVSM APPROVED AIRCRAFT**

#### **4.2.1 State Aircraft Without RVSM Approval**

*NOTE: State aircraft are those utilized in military, customs, or police service (Art. 3 of International Civil Aviation Convention).*

**4.2.1.1** State aircraft without RVSM approval are permitted to operate in RVSM airspace in the CAR/SAM regions. A presented flight plan constitutes prior notice to ATC that an aircraft is requesting to operate in RVSM airspace. State aircraft without RVSM approval presenting flight plans that enter RVSM airspace must include the following in box 18 of the flight plan: STS/NON RVSM and RMK/STATE AIRCRAFT.

**SOUTH AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)****4.2.2 Civil Aircraft Without RVSM Approval****4.2.2.1 International Flights**

**4.2.2.1.1** Civil aircraft without RVSM approval planning international flights must not flight plan at RVSM flight levels.

**4.2.2.1.2** Ascent and descent through RVSM airspace is only authorized to aircraft without RVSM approval that require attaining a level other than the RVSM strata, given that the climbing or descending aircraft is at a standard level and that it doesn't stop at any intermediate altitude in the RVSM airspace.

Exceptions:

- a. Ferry Flights: aircraft that are being delivered for the first time to the State of Registry or to the operator.
- b. Maintenance Flights: aircraft that have previous RVSM approval but have suffered an equipment failure and are flying to a maintenance facility for repairs in order to comply with the RVSM requirements and or obtain approval.
- c. Humanitarian Flights: aircraft that are being used for charity or humanitarian ends.

**4.2.2.1.3** Aircraft operators in the previously indicated cases must:

- a. obtain ACC authorization not more than 12 hours nor less than 4 hours before the planned departure;

*NOTE: Humanitarian or charity flights are considered exceptions, but it is preferred that the established time table is followed, flight planning allowing.*

- b. Inform all ACCs affected by the flight of said authorization;
- c. Insert the text STS/NON RVSM in box 18 of the flight plan form;
- d. Insert the text "RMK/STATE ACFT" or "RMK/HUMANITARIAN FLIGHT;" or "RMK/FERRY;" or "RMK/MAINT;" as appropriate on the flight plan box.

**4.2.2.1.4** This ATC authorization process is established to comply with the above procedure only, and will not be used as a method to circumvent the normal RVSM approval process.

**4.2.2.2 National Flights (domestic)**

Additional requirements to Complete the Flight Plan Form:

**4.2.2.2.1** Civil aircraft operators without RVSM approval must not place the letter W in box 10 of the flight plan form.

**4.2.2.2.2** Civil aircraft operators without RVSM approval must not place flight levels between FL290 and FL410, inclusive, in box 15 of the flight plan form.

**4.2.2.2.3** Civil aircraft operators without RVSM approval with the intention of entering RVSM airspace must place the desired flight level in box 18 in the following manner: STS/FLXXX and, as an observation (RMK/), the RVSM entry point and the estimated time.

## SOUTH AMERICA REDUCED VERTICAL SEPARATION MINIMA (RVSM)

### ***Additional Requirements to Complete the Repetitive Flight Plan Form***

**4.2.2.2.4** In case of a Repetitive Flight Plan, the lack of RVSM approval must be indicated, independently of the required flight level, by placing the following code in box Q of the flight plan: EQPT/-

**4.2.2.2.5** Civil aircraft operators without RVSM approval must not place flight levels between FL290 AND FL410, inclusive, in box "O" of the repetitive flight plan form.

**4.2.2.2.6** Civil aircraft operators without RVSM approval with the intention of entering RVSM airspace must place the desired flight level in box "Q" in the following manner: STS/FLXXX and, as an observation (RMK/), the RVSM entry point and the estimated time.

## **5 SUSPENSION OF RVSM PROCEDURES**

**5.1** ATS will consider the suspension of RVSM procedures when pilots report turbulence greater than moderate. When RVSM procedures are suspended, the minimum vertical separation between all aircraft will be 2,000 feet.

## **6 OPERATIONAL PROCEDURES FOR CREWS PREPARING TO ENTER RVSM AIRSPACE**

**6.1** Before entering RVSM airspace, the Pilot in Command of aircraft with RVSM approval must verify that the following equipment required to fly in RVSM airspace in functioning normally:

- a. Two independent primary altimetric systems;
- b. Mode C transponder SSR;
- c. Altitude alert system;
- d. Automatic altitude maintenance system.

**6.2** If any of the equipment listed above is inoperative, the pilot must notify ATC before entering RVSM airspace, using the phraseology: "RVSM UNABLE DUE TO EQUIPMENT."

## **7 OPERATIONAL PROCEDURES AFTER ENTERING RVSM AIRSPACE**

**7.1** During changes in flight level, an aircraft must not overshoot or undershoot it's cleared flight level (CFL) by more than 150 ft.

### **7.2 FAILURE OF SINGLE PRIMARY ALTIMETER SYSTEM**

**7.2.1** In the event one of the Primary Altimeter Systems fails, but the remaining system is functioning normally, the pilot must:

- a. Couple that system to the Automatic Altitude Keeping Device (AKD);
- b. Maintain increased vigilance of altitude keeping; and
- c. Notify ATC of the system failure, using the following phraseology; "FOR INFORMATION, OPERATING WITH ONE ALTIMETRIC SYSTEM ONLY."

**SOUTH AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)****7.3 FAILURE OF ALL PRIMARY ALTIMETER SYSTEMS**

**7.3.1** In the event a failure of all Primary Altimeter Systems occurs, or if these systems are considered untrustworthy, the pilot must:

- a. Maintain the flight level indicated by the standby altimeter (if the aircraft is so equipped) at the moment of failure or at the moment that the equipment is considered untrustworthy;
- b. Alert nearby aircraft by illuminating all exterior lighting, and, if not in direct contact with ATC, transmit position, flight level, and intentions on 121.5 MHz;
- c. Notify ATC of the system failure, using the phraseology, "RVSM UNABLE DUE TO EQUIPMENT;"

**7.4 DISCREPANCY IN PRIMARY ALTIMETER SYSTEMS**

**7.4.1** In the event of a discrepancy greater than 200 feet between primary altimeters, the pilot must;

- a. Attempt to determine the defective system through established procedures and/or by comparing the primary altimeters to the standby altimeter (if required utilizing the correction card).
- b. If the defective system can be identified, couple the functioning altimetric system to the altitude maintenance system and proceed according to FAILURE OF SINGLE PRIMARY ALTIMETER SYSTEM procedures.
- c. If the defective system can not be identified, proceed according to FAILURE OF ALL PRIMARY ALTIMETER SYSTEMS procedures.

**7.5 FAILURE OF MODE C SSR TRANSPONDER**

**7.5.1** In the event of Mode C SSR transponder failure, the pilot must notify ATC using the phraseology, "RVSM UNABLE DUE TO EQUIPMENT;"

**7.6 FAILURE OF ALTITUDE ALERT SYSTEM**

**7.6.1** The pilot must notify ATC in the event of altitude alert system failure using the phraseology, "RVSM UNABLE DUE TO EQUIPMENT;"

**7.7 FAILURE OF AUTOMATIC ALTITUDE KEEPING DEVICE (AKD)**

**7.7.1** In the event of automatic Altitude Keeping Device system failure, the pilot must complete the following actions in the following order:

- a. Maintain the cleared flight level (CFL);
- b. Evaluate the capacity of the aircraft to maintain the assigned flight level through manual control;
- c. Maintain separation with conflicting aircraft by visual scanning and by reference to ACAS;
- d. Alert nearby aircraft by illuminating all exterior lighting, and, if not able to establish direct contact with ATC, transmit position, flight level, and intentions on 121.5 MHz;

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- e. Notify ATC of the system failure, using the phraseology, “RVSM IMPOSSIBLE DUE TO EQUIPMENT.”

**7.8 GUIDANCE FOR PILOTS AND CONTROLLERS FOR ACTIONS IN THE  
EVENT OF AIRCRAFT SYSTEM MALFUNCTION OR TURBULENCE  
GREATER THAN MODERATE**

**7.8.1 Contingency Scenarios**

The following paragraphs summarize pilot action to mitigate the potential for conflict with other aircraft in certain contingency situations. They should be reviewed in conjunction with the expanded contingency scenarios which contain additional technical and operational details.

**Scenario 1: The pilot is: (a) unsure of the vertical position of the aircraft due to the loss or degradation of all primary altimetry systems, or (b) unsure of the capability to maintain cleared flight level (CFL) due to turbulence or loss of all automatic altitude control systems.**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
Maintain CFL while evaluating the situation;	
Watch for conflicting traffic both visually and by reference to ACAS, if equipped;	
If considered necessary, alert nearby aircraft by (a) making maximum use of exterior lights; (b) broadcasting position, FL, and intentions on 121.5 MHz (as a backup, the VHF inter-pilot air-to-air frequency, 123.45 MHz, may be used).	
Notify ATC of the situation and intended course of action. Possible courses of action include:	Obtain the pilot's intentions and pass essential traffic information.

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**Scenario 1: The pilot is: (a) unsure of the vertical position of the aircraft due to the loss or degradation of all primary altimetry systems, or (b) unsure of the capability to maintain cleared flight level (CFL) due to turbulence or loss of all automatic altitude control systems. (continued)**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
(a) maintaining the CFL and route provided that ATC can provide lateral, longitudinal or conventional vertical separation.	(a) If the pilot intends to continue in RVSM airspace, assess traffic situation to determine if the aircraft can be accommodated through the provision of lateral, longitudinal, or conventional vertical separation; and, if so, apply the appropriate minimum.
(b) requesting ATC clearance to climb above or descend below RVSM airspace if the aircraft cannot maintain CFL and ATC cannot establish adequate separation from other aircraft.	(b) If the pilot requests clearance to exit RVSM airspace, accommodate expeditiously, if possible.  (c) If adequate separation cannot be established and it is not possible to comply with the pilot's request for clearance to exit RVSM airspace, advise the pilot of essential traffic information, notify other aircraft in the vicinity and continue to monitor the situation.  Notify adjoining ATC facilities/sectors of the situation.

**Scenario 2: There is a failure or loss of accuracy of one primary altimetry system (e.g., greater than 200 feet difference between primary altimeters).**

<b>The Pilot should:</b>	
Cross check standby altimeter, confirm the accuracy of a primary altimeter system and notify ATC of the loss of redundancy. If unable to confirm primary altimeter system accuracy, follow pilot actions listed in the preceding scenario.	

## **7.8.2 Expanded Equipment Failure And Turbulence Encounter Scenarios**

Operators may consider this material for use in training programs.

**SOUTH AMERICA  
REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

**Scenario 1: All automatic altitude control systems fail (e.g., Automatic Altitude Hold)**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
<b>Initially</b>	
Maintain CFL	
Evaluate the aircraft's capability to maintain altitude through manual control.	
<b>Subsequently</b>	
Watch for conflicting traffic both visually and by reference to ACAS, if equipped.	
If considered necessary, alert nearby aircraft by <ul style="list-style-type: none"> <li>(a) making maximum use of exterior lights;</li> <li>(b) broadcasting position, FL, and intentions on 121.5 MHz (as a backup, the VHF inter-pilot air-to-air frequency, 123.45 MHz, may be used).</li> </ul>	
Notify ATC of the situation and intended course of action. Possible courses of action include:	
<ul style="list-style-type: none"> <li>(a) maintaining the CFL and route provided that the aircraft can maintain level.</li> </ul>	<ul style="list-style-type: none"> <li>(a) If the pilot intends to continue in RVSM airspace, assess traffic situation to determine if the aircraft can be accommodated through the provision of lateral, longitudinal, or conventional vertical separation; and, if so, apply the appropriate minimum.</li> </ul>
<ul style="list-style-type: none"> <li>(b) requesting ATC clearance to climb above or descend below RVSM airspace if the aircraft cannot maintain CFL and ATC cannot establish lateral, longitudinal or conventional vertical separation.</li> </ul>	<ul style="list-style-type: none"> <li>(b) If the pilot requests clearance to exit RVSM airspace, accommodate expeditiously, if possible.</li> <li>(c) If adequate separation cannot be established and it is not possible to comply with the pilot's request for clearance to exit RVSM airspace, advise the pilot of essential traffic information, notify other aircraft in the vicinity and continue to monitor the situation.</li> </ul> <p>Notify adjoining ATC facilities/sectors of the situation.</p>



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REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

**Scenario 2: Loss of redundancy in primary altimetry systems**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
If the remaining altimetry system is functioning normally, couple that system to the automatic altitude control system, notify ATC of the loss of redundancy and maintain vigilance of altitude keeping.	Acknowledge the situation and continue to monitor progress.

**Scenario 3: All primary altimetry systems are considered unreliable or fail**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
Maintain CFL by reference to the standby altimeter (if the aircraft is so equipped).	
Alert nearby aircraft by: <ul style="list-style-type: none"> <li>(a) making maximum use of exterior lights;</li> <li>(b) broadcasting position, FL, and intentions on 121.5 MHz (as a backup, the VHF inter-pilot air-to-air frequency, 123.45 MHz, may be used).</li> </ul>	
Consider declaring an emergency. Notify ATC of the failure and intended course of action. Possible courses of action include:	Obtain pilot's intentions, and pass essential traffic information.
(a) maintaining CFL and route provided that ATC can provide lateral, longitudinal or conventional vertical separation.	(a) If the pilot intends to continue in RVSM airspace, assess traffic situation to determine if the aircraft can be accommodated through the provision of lateral, longitudinal, or conventional vertical separation; and, if so, apply the appropriate minimum.

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REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

**Scenario 3: All primary altimetry systems are considered unreliable or fail (continued)**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
(b) requesting ATC clearance to climb above or descend below RVSM airspace if ATC cannot establish adequate separation from other aircraft.	(b) If the pilot requests clearance to exit RVSM airspace, accommodate expeditiously, if possible.
	(c) If adequate separation cannot be established and it is not possible to comply with the pilot's request for clearance to exit RVSM airspace, advise the pilot of essential traffic information, notify other aircraft in the vicinity and continue to monitor the situation.  Notify adjoining ATC facilities/sectors of the situation.

**Scenario 4: The primary altimeters diverge by more than 200 ft (60 m)**

<b>The Pilot should:</b>	
Attempt to determine the defective system through established trouble-shooting procedures and/or comparing the primary altimeter display to the standby altimeter (as corrected by the correction cards, if required).	
If the defective system can be determined, couple the functioning altimeter system to the altitude-keeping device.	
If the defective system cannot be determined, follow the guidance in Scenario 3 for failure or unreliable altimeter indications of all primary altimeters.	

**Scenario 5: Turbulence (greater than moderate) which the pilot believes will impact the aircraft's capability to maintain flight level**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
<b>Subsequently</b>	
Watch for conflicting traffic both visually and by reference to ACAS, if equipped.	

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REDUCED VERTICAL SEPARATION MINIMA (RVSM)**

**Scenario 5: Turbulence (greater than moderate) which the pilot believes will impact the aircraft's capability to maintain flight level (continued)**

<b>The Pilot should:</b>	<b>ATC can be expected to:</b>
If considered necessary, alert nearby aircraft by (a) making maximum use of exterior lights; (b) broadcasting position, FL, and intentions on 121.5 MHz (as a backup, the VHF inter-pilot air-to-air frequency, 123.45 MHz, may be used).	
Notify ATC of the situation and intended course of action. Possible courses of action include:	
(a) maintaining CFL and route ATC can provide lateral, longitudinal or conventional vertical separation.	(a) Assess traffic situation to determine if the aircraft can be accommodated through the provision of lateral, longitudinal, or conventional vertical separation; and, if so, apply the appropriate minimum.
(b) requesting flight level change, if necessary.	(b) If unable to provide adequate separation, advise the pilot of essential traffic information and request pilot's intentions.  (c) Notify other aircraft in the vicinity and monitor the situation.  Notify adjoining ATC facilities/sectors of the situation.

## **8 SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES IN OCEANIC OR REMOTE AREAS**

### **8.1 INTRODUCTION**

**8.1.1** Although it is not possible to cover all possible contingencies, the following procedures foresee the most frequent cases, such as:

- a. Inability to maintain assigned flight level due to meteorological conditions, aircraft performance, or depressurization;
- b. Enroute diversion across the prevailing traffic flow; and
- c. Loss or significantly diminished navigation capacity required to conduct operations in airspace in which precision navigation performance is a prerequisite for the safe completion of flight operations.

**8.1.2** The procedures mentioned above are to be applied primarily when a rapid descent and/or a turn-back or diversion is required. The pilots must determine, at their discretion, the order of

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measures to be adopted taking in account the prevailing circumstances. Air traffic control will provide all assistance possible.

## **8.2 GENERAL PROCEDURES**

**8.2.1** If an aircraft is unable to continue flight in accordance with ATC authorization, and/or the aircraft cannot maintain the precision navigation performance specified in the airspace, a revised clearance shall be obtained, whenever possible, prior to initiating any action.

**8.2.2** When appropriate, the pilot must use the distress signal (MAYDAY) or the urgent signal (PANPAN) preferably repeated three times.

**8.2.3** If prior clearance cannot be obtained, until a revised clearance is received the following contingency procedures should be employed and the pilot shall advise air traffic control as soon as practicable, reminding them of the type of aircraft involved and the nature of the problem. In general terms, the aircraft should be flown at a flight level and on an offset track where other aircraft are least likely to be encountered. Specifically, the pilot shall:

- a. leave the assigned route or track by initially turning at least 45 degrees to the right or to the left, in order to acquire a same or opposite direction track offset 15 NM (28km) from the assigned track centerline. When possible, the direction of the turn should be determined by the position of the aircraft relative to any organized route or track system. Other factors which may affect the direction of the turn are:
  1. the direction to an alternate airport;
  2. terrain clearance;
  3. any strategic lateral offset being flown; and
  4. the flight levels allocated on adjacent routes or tracks;
- b. having initiated the turn:
  1. if unable to maintain the assigned flight level, initially minimize the rate of descent to the extent that is operationally feasible (pilots should take into account the possibility that aircraft below on the same track may be flying a 1 or 2 NM strategic lateral offset procedure (SLOP)) and select a final altitude which differs from those normally used by 150m (500 ft) if at or below FL 410, or by 300m (1000 ft) if above FL 410;  
or
  2. if able to maintain the assigned flight level, once the aircraft has deviated 19km (10 NM) from the assigned track centerline, climb or descend to select a flight level which differs from those normally used by 150m (500 ft), if at or below FL 410, or by 300m (1000 ft) if above FL 410;
- c. establish communications with and alert nearby aircraft by broadcasting, at suitable intervals on 121.5 MHz (or, as a backup, on the inter-pilot air-to-air frequency 123.45 MHz) and where appropriate on the frequency in use: aircraft identification, flight level, position (including the ATS route designator or the track code, as appropriate) and intentions;
- d. maintain a watch for conflicting traffic both visually and by reference to ACAS (if equipped);

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- e. turn on all aircraft exterior lights (commensurate with appropriate operating limitations); and
- f. keep the SSR transponder on at all times.

**8.2.4 Extended Range Operations by Aircraft with Two-Turbine Power-Units (ETOPS)**

**8.2.4.1** If established contingency procedures are employed by a twin engine aircraft due to engine failure or due to critical ETOPS system failure, the pilot must notify ATC as soon as practical, advising ATC of the type of aircraft in use and request immediate assistance.

**8.3 DEVIATION PROCEDURES DUE TO METEOROLOGICAL CONDITIONS**

**8.3.1 General**

*NOTE: The following procedures are intended for deviations due to adverse meteorological conditions.*

**8.3.1.1** When the pilot initiates communications with ATC, a rapid response can be obtained using the phraseology, "WEATHER DEVIATION REQUIRED" to indicate desired ATC priority and response. When necessary, the pilot should initiate communications employing the urgency call of "PAN PAN" (preferably repeated three times).

**8.3.1.2** The pilot will notify ATC when a deviation due to meteorological conditions is no longer required, or when the deviation has been completed and the aircraft has returned to the centerline of the cleared route.

**8.3.1.3** Measures to be adopted when pilot-controller communications are established:

**8.3.1.3.1** The pilot must notify ATC and request clearance to deviate from the course, indicating, when possible, the extent of the anticipated deviation.

**8.3.1.3.2** ATC should adopt one of the following measures:

- a. when possible, apply the appropriate separation, expediting the authorization to deviate from course; or
- b. if conflicting traffic and ATC can not establish appropriate separation, ATC shall:
  - 1. Notify the pilot of inability to issue clearance for the requested deviation;
  - 2. Advise the pilot of the conflicting traffic; and
  - 3. Ask the pilot to state intentions.

Phraseology example:

"(requested deviation) UNABLE, THE TRAFFIC IS (call sign, position, altitude, heading), STATE INTENTIONS."

**8.3.1.3.3** The pilot must adopt the following measures:

- a. Comply with the ATC clearance; or
- b. Notify ATC of intentions and execute the procedures detailed below.

**8.3.1.3.4** Measures to adopt if unable to obtain revised ATC clearance.

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*NOTE: The steps contained in this section are to be applied in cases in which the pilots must exercise their authority as Pilot in Command.*

**8.3.1.3.5** If it is required that the aircraft deviates from its course to avoid adverse meteorological conditions and can not obtain prior clearance, clearance must be obtained as soon as possible. Until ATC clearance is obtained, the pilot will take the following measures:

- a. To the extent possible, deviate from the organized system of courses and routes;
- b. Establish communications and alert near-by aircraft, transmitting by radio at appropriate intervals aircraft identification, flight level, aircraft position (including the ATC route designator or the course code, as appropriate) and pilot intentions, on the frequency in use as well as 121.5 MHz (or, as a standby, on the air-to-air frequency of 123.45 for pilot communications);
- c. Maintain due vigilance to avoid entering into conflict, using visual scanning methods and by reference to ACAS (if so equipped);

*NOTE: If, as a result of actions taken under the steps above, the pilot determines that there is another aircraft nearby or at the same flight level, with which a conflict could occur, the pilot must adjust the flight trajectory, as necessary, to avoid said conflict.*

- d. Illuminate all exterior aircraft lighting (taking into account pertinent operational limitations);
- e. In the event of deviations less than 10 NM, the aircraft must maintain the flight level assigned by ATC;
- f. In the event of deviations greater than 10 NM, when the aircraft is approximately 10 NM from the course, initiate a level change in accordance with the following criteria:

Route Centerline/Track	Deviations > 10 NM	Altitude Change
EAST deg	LEFT OF COURSE	DESCEND 300 feet
000-179M	RIGHT OF COURSE	CLIMB 300 feet
WEST deg	LEFT OF COURSE	CLIMB 300 feet
180-359M	RIGHT OF COURSE	DESCEND 300 feet

- g. When returning to the course, the pilot must maintain the assigned flight level when the aircraft is within approximately 10 NM of the course centerline; and
- h. If contact has not been established before deviating, the pilot should attempt to contact with ATC to obtain clearance. If contact is established, continue notifying ATC of intentions and obtaining essential information concerning the flight.

## **9 OPERATION OF NON-RVSM APPROVED AIRCRAFT IN RVSM AIRSPACE**

**9.1** Aircraft not approved for RVSM operations for international flight will not be approved for operations in RVSM airspace, with the exception of the cases mentioned below.

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**9.2** With prior coordination, state aircraft without RVSM approval will be permitted to operate in RVSM airspace. Prior coordination will consist of the following text in box 18 of the Flight Plan: "STS/NON-RVSM" and "RMK/STATE ACFT." It is necessary to apply a vertical separation of 2000 feet between aircraft without RVSM approval and all other aircraft.

**9.3** With prior coordination, ferry flights, maintenance flights, and humanitarian flights will be permitted to operate in RVSM airspace. If they leave any FIR, they must obtain authorization from the corresponding ACC normally no more than 12 hours and no less than 4 hours prior to the anticipated departure. The operator must notify all the affected ACC's across the route of flight of this authorization. The following text must be included in box 18 of the Flight Plan: "STS/ NON-RVSM" and "RMK/HUMANITARIAN FLIGHT;" or "RMK/FERRY;" or "RMK/MAINT," as appropriate. It is necessary to apply a minimum vertical separation of 2000 feet between aircraft without RVSM approval and all other aircraft.

**9.4** Aircraft conducting national flights (domestic) without RVSM approval that are not State Aircraft, ferry flights, maintenance flights, or humanitarian flights will only be allowed to fly in RVSM airspace until June 1, 2006.

**9.5** Those operators requesting to enter RVSM airspace must establish contact with the ACC jurisdiction to determine the most convenient hours for entry. Entry into RVSM airspace depends on traffic and controller workload.

**9.6** Aircraft without RVSM approval will only be cleared to enter RVSM airspace with sufficient communications coverage.

**9.7** Aircraft with RVSM approval will be given preference in the utilization of flight levels.

**9.8** Aircraft without RVSM approval must present a Flight Plan to carry out the flight outside of the limits of RVSM airspace (FL290 TO FL410, inclusive).

**9.9** Due to traffic or work load, aircraft without RVSM approval may be instructed to fly outside of RVSM airspace.

**9.10** If airspace safety is compromised due to entry of aircraft without RVSM approval into RVSM airspace, the Appropriate Aeronautical Authority may suspend, at any moment, the authorization of said flight in RVSM airspace.

**10 SPECIAL PROCEDURES FOR STRATEGIC LATERAL  
OFFSETS IN CONTROLLED OCEANIC AREAS AND REMOTE  
CONTINENTAL AIRSPACE**

*NOTE: The following lateral offset procedures are applicable for the mitigation of the increasing overlap due to increased navigation accuracy and wake turbulence encounters.*

**10.1** The use of precision navigation systems (such as the Global Navigation Satellite System (GNSS)), by an increasing number of aircraft has had the effect of reducing the number of lateral deviations with respect to route centerline and, consequently, increasing the probability of a collision should a loss of vertical separation between aircraft navigating on the same route occur.

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**10.2** The application of lateral offsets to provide lateral separation between aircraft, in accordance with the procedures specified below, may be used to mitigate the effect of said reduction of lateral deviations thereby increasing the safety of the entire system.

### **10.3 IMPLEMENTATION CONSIDERATIONS FOR ATS AUTHORITIES**

The application of lateral offsets requires authorization from the authority responsible for the corresponding airspace. The following considerations will be taken into account by the ATS authority when planning authorization of the use of strategic lateral offsets in a particular airspace.

- a. Strategic lateral offsets will only be authorized in oceanic or remote continental airspace. When a part of the pertinent airspace is controlled by radar, transiting aircraft normally must obtain authorization to initiate or continue the offset;
- b. Strategic lateral offsets will be authorized for the following types of routes (including intersections between routes and route systems):
  1. unidirectional and bidirectional routes; and
  2. parallel route systems in which separation between route centerlines is not less than 30 NM;
- c. In some cases, it may be necessary to impose restrictions on the utilization of strategic lateral offsets; for example, when its application could be inappropriate for reasons relative to the margin of obstacle clearance;
- d. These offset procedures should be applied regionally with due coordination between all pertinent States;
- e. The routes or airspace in which strategic lateral offsets are authorized, such as mandatory procedures, will be published independently through State Authorities and that control the route or airspace in question;
- f. Air traffic controllers will be informed about airspace in which strategic lateral offsets are authorized.

### **10.4 MANDATORY LATERAL OFFSETS**

In the application of strategic lateral offsets, pilots should take the following points into consideration:

- a. offsets will only be applied in airspace authorized by the pertinent ATS authority;
- b. only aircraft with automatic offset capacity will be authorized for offsets;
- c. flight crews are responsible for the decision to apply strategic lateral offsets;
- d. the offset will be one or two nautical miles to the right of centerline, with respect to the direction of flight;
- e. The strategic lateral offset procedure has been designed to include offsets necessary to mitigate the effects of wake turbulence of a preceding aircraft. When necessary to avoid wake turbulence, the pilot will use one of three available options (maintain route centerline, or deviate 1 or 2 NM right of route centerline);



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- f. In the airspace where the use of lateral offsets has been authorized, pilots are not required to inform air traffic control (ATC) that an offset is being applied; and
- g. Aircraft transiting areas of radar coverage in airspace where offset tracking is permitted may initiate or continue an offset.

**10.5** Pilots may, if necessary, establish contact with other aircraft on the air-to-air frequency 123.45 to coordinate lateral offsets.

## **11 RVSM PHRASEOLOGY**

<b>Circumstance</b>	<b>Phraseology</b>
Reduced Vertical Separation Minima Operations	
... to ascertain aircraft RVSM approval status	a) CONFIRM RVSM APPROVED
... to report RVSM approval status	*b) AFFIRM RVSM
... to report RVSM non-approved status followed by supplementary information	*c) NEGATIVE RVSM (supplementary information, for example aircraft call sign)
... to deny ATC clearance into RVSM airspace	d) UNABLE TO ISSUE CLEARANCE INTO RVSM AIRSPACE, MAINTAIN (or DESCEND TO or CLIMB TO) level
... to report when severe turbulence affects the ability of an aircraft to maintain height-keeping requirements for RVSM	*e) UNABLE RVSM DUE TURBULENCE
... to report that the equipment of an aircraft has degraded below minimum aircraft system performance standards	*f) UNABLE RVSM DUE EQUIPMENT
... to request an aircraft to provide information as soon as RVSM approved status has been regained or the pilot is ready to resume RVSM operations	g) REPORT WHEN ABLE TO RESUME RVSM
... to request confirmation that an aircraft has regained RVSM approved status or a pilot is ready to resume RVSM operations	h) CONFIRM ABLE TO RESUME RVSM
... to report ability to resume RVSM operations after equipment or weather related contingency	*i) READY TO RESUME RVSM
	* Indicates pilot transmission

**ARGENTINA  
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## GENERAL

In general, flight rules, standards and procedures in force, as well as the organization of air traffic services, are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are listed in the following table.

Measurement of	Unit
Distance used in navigation	Nautical Miles
Relatively short distances	Meters
Altitudes, elevations and heights	Meters and Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Kilometers or Meters (less than 5km)
Altimeter setting	Hectopascals (Millibars)
Temperature	Degrees Celsius
Weight	Kilograms
Time	Hours and Minutes

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### HOLDING

Holding procedures comply with ATC Chapter ICAO Flight Procedures (DOC 8168) Part IV Holding Procedures, Table "PANS-OPS Second Edition Holding Speeds". Additionally, Argentina added 265 kt above FL200 and .83 above FL340.

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in PANS-OPS, Document 8168, Volume II.

### Speed Limitations

Generally maximum speed below FL100 in Argentina airspace is 250 KIAS, except when operating within a TMA where the speed limitation is applicable at and below FL145 unless otherwise authorized by the controlling authority.

When operating within a TMA, ATC may require aircraft to operate at a reduced speed within the safe operating limitations of the aircraft in respect to the operation being performed.

**ARGENTINA  
RULES AND PROCEDURES****AIRPORT OPERATING MINIMUMS**

Argentina publishes Decision Altitudes (DA), Minimum Descent Altitudes (MDA), and visibility for landing. Visibility is published for take-off.

Jeppesen charted minimums are not below State minimums.

**ATS AIRSPACE CLASSIFICATION**

Applicable ICAO airspace classifications are depicted on ENROUTE/AREA charts.

*NOTE: Inactive Restricted, Prohibited and Danger Areas adopt the airspace classification of the surrounding airspace.*

**SPECIAL REQUIREMENTS AND REGULATIONS**

ADS-C/CPDLC operational implementation in the AORRA sector of the Rivadavia Comodoro FIR, including airway UT103

**Area of Application**

FIR/UIR Comodoro Rivadavia (Ocean Sector). From UT103 (inclusive) to the east of it, to the limit with the Johannesburg Oceanic FIR.

As of June 6, 2017, the first phase will be implemented in the Oceanic FIR/UIR of Comodoro Rivadavia and in the second phase, in the Ezeiza Oceanic FIR. Considering that the tentative date of the second phase will be September 01, 2017. Thus, before the end of the second half of 2017, the complete commissioning of the ADS-C and CPDLC will have been completed in the Argentinean airspace areas of Argentina.

Aircraft operators may choose between a single ADS or ADS and CPDLC joint.

In order to comply with prescribed formats and form of specifying data in the ICAO flight plan form, operators of aircraft operating in the airspace shall insert the following:

- a. box 10 – The letter “J” to indicate data link available and in service;
- b. box 10 – The letter “G” to indicate GNSS available and in service;
- c. box 10 – The letter “D” in the Surveillance field to indicate ADS in service;
- d. box 18 – DAT/ followed by one or more letters as appropriate to indicate the type of data link when the letter “J” has been inserted in box 10;
- e. box 18 – RMK/ followed by Comodoro Rivadavia FANS 1 or Comodoro Rivadavia FANS A (specifically required by Comodoro Rivadavia ACC to participating FANS 1/A aircraft).

Aircraft equipped with FANS 1/A must be connected to the ADS-C and CPDLC systems between 5 and 15 minutes prior to their entry into the designated airspace of the FIR/UIR Comodoro Rivadavia, using the 4-character ICAO code SAVC. The flight identification used for the connection must be exactly the same as that on the ATS flight plan.

**ADS Procedures**

Immediately after the connection is made, the system will automatically establish with the aircraft a periodic initial contract of 15 minutes notice interval.

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During the transit of the aircraft through the designated airspace of the Comodoro Rivadavia FIR/UIR, the contract period may vary depending on the automatic management of the system.

Both the ADS and the connection should be terminated by the ground system:

- a. automatically when the aircraft has crossed in the direction of departure the boundary of the Comodoro Rivadavia FIR/UIR;
- b. automatically when the flight plan of the aircraft has been canceled or completed; or
- c. manually by the controller at any time deemed appropriate (the aircraft has landed within the Comodoro Rivadavia FIR, ADS/CPDLC transfer to another unit, etc.)

### **CPDLC Procedures**

The CPDLC controller instructions are to be met having exactly the same value as the instructions transmitted via radio. Therefore, CPDLC messages will be used solely to meet actual operational needs.

The CPDLC connection does not release pilots from the obligation to establish, maintain and monitor.

The disconnection will normally take place during the 5 minutes after leaving the designated airspace of the FIR/UIR Comodoro Rivadavia.

Pilots connected with FANS 1/A, 5 minutes after leaving the designated airspace of the Comodoro Rivadavia FIR/UIR, must disconnect from the ADS-C and CPDLC system in case Comodoro Rivadavia has not done so.

This ensures that the ADS transmission is terminated at the appropriate time in the event that due to a malfunction some ADS contracts are not automatically canceled by the ADS-C and CPDLC system, as would be normal.

Flight plans for controlled flights must be submitted at least 45 minutes prior to the estimated off-block time. IFR flight plans or clearances to cross or enter controlled airspace submitted in flight must be requested at least 10 minutes (for direct transmission) or 20 minutes (if the request requires retransmission) prior to the initiation of controlled flight or entering controlled airspace.

VFR is not authorized:

- a. above FL200;
- b. at transonic and supersonic speeds.
- c.

Prohibition for VFR flights:

No authorization will be granted for VFR flights above FL290 in areas where vertical separation applies minimum 300m (1000 ft) above said flight level.

### **AIR SPACE DESCRIPTION (AORRA)**

Air space between FL290 and FL410 inclusive is named AORRA inside the Atlantico, Comodoro Rivadavia, Ezeiza Oceanic Sector, Johannesburg Oceanic Sector, Luando Oceanic Sector and Montevideo (see Enroute chart).

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Those flights operating in the AORRA Airspace should depart and enter AORRA through or by using charted access waypoints.

Aircraft will be able to operate within their preferred routes mentioned in their flight plan within access points (gates). Before entering or after departing AORRA at a specific point, the aircraft should follow the ATS routes associated with that access or departing point or gate in accordance with ATC and the aircraft will be required to file a flight plan. ADS/CPDLC will be used in the AORRA air space by the providers of ATS services. Operators should keep in mind that some sectors of the air space contain defined routes. ADS/CPDLC is the primary way of communication, having HF as a secondary communication. No aircraft should file a flight plan to operate within the AORRA air space, without being certified RNP10 which is given by registry or by the operator's State, with some limited exceptions.

**FLIGHT PLANS**

When operating an aircraft in the AORRA air space, certification will be written in the flight plan under item 10 with an "R". The flight plans will contain the entering and departing points from the AORRA air space and the stipulated time of each 5 degrees of longitude. In case of repetitive flight plans, the RNP10 certification will be stipulated in item Q of the flight plan with an "R", following the FL required, as in the following: EQPT/R.

**GENERAL PROCEDURES**

If an aircraft cannot enter or continue flying in accordance with the authorization given by ATC and/or cannot maintain the precision performance required for the aircraft in this air space, ATC should be informed immediately.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ICAO REFERENCE****PANS RAC (Doc 4444)****Part II, 12.1.1.2**

A QFE altimeter setting may be used for final approach, however one altimeter must be set to QNH and reports to ATC made in reference to altitudes.

**Part VI, 1.4.2.1 & 1.4.2.2**

Use of the air traffic advisory service is mandatory for IFR flights outside controlled airspace.

**5.9 Clearances to Fly Maintaining Own Separation While in Visual Meteorological Conditions**

When so requested by an aircraft and provided it is agreed by the pilot of the other aircraft and so authorized by the appropriate ATS authority, an ATC unit may clear a controlled flight, in visual meteorological conditions during the hours of daylight to fly subject to maintaining own separation to one other aircraft and remaining in visual meteorological conditions. When a controlled flight is so cleared, the following shall apply:

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RULES AND PROCEDURES**

- a) the clearance shall be for a specified portion of the flight, during climb or descent;

**15.3.3 Chapter 15**

- b) if in instrument meteorological conditions or when conditions are such that it does not appear likely that the pilot will complete the flight in accordance with a):
  - 1) shall maintain the last assigned speed and level, or minimum flight altitude if higher, for a period of 20 minutes following the aircraft's failure to report its position over a compulsory reporting point and thereafter adjust level and speed in accordance with the filed flight plan; or in case the pilot requested a flight level or speed change different to the one established in the FPL, shall maintain those last assigned, provided they have been authorized by ATC unit of jurisdiction.

**BOLIVIA  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc., generally in excess of 2 miles	Nautical Miles and Tenths
Relatively short distances such as those relating to airports (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet and Meters
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and taking off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes, the day of 24 hrs beginning at midnight UTC

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### HOLDING

Holding procedures comply with Table IV-I-I, published on AIR TRAFFIC CONTROL — International Civil Aviation Organization Flight Procedures.

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in ICAO Annex 2/Annex 11, PANS-OPS, and Regional Supplement of CAR/SAM.

Maximum speed within the Santa Cruz TMA for arrival aircraft at and below FL140 is 250 kt.

### AIRPORT OPERATING MINIMUMS

Bolivia publishes Decision Altitude (Height) [DA(H)] and visibility for precision approach procedures. Minimum Descent Altitude (Height) [MDA(H)] and visibility are published for non-precision

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approaches at selected locations. Obstacle Clearance Altitude (Height) [OCA(H)] and visibility are published for other non-precision procedures. Visibility only for Air Carrier operations, or ceiling and visibility for General Aviation aircraft are published for take-off.

Jeppesen charted minimums are not below State minimums.

**ATS AIRSPACE CLASSIFICATION**

Bolivia airspace is designated in accordance with ICAO airspaces classification as follows:

**Class “A”** — The Cochabamba, La Paz, Santa Cruz, Sucre, Tarija and Trinidad TMAs, FL200 – FL245.

**Class “C”** — All ATZs and CTRs.

**Class “D”** — The airspace in the Cochabamba, La Paz, Puerto Suarez, Sucre and Tarija TMA from 2000’ AGL to FL195; the Santa Cruz and Trinidad TMAs from 1000’ AGL to FL195.

**Class “G”** — The airspace in the La Paz FIR, including ATS routes, not designated Class “A”, “C” or “D.”

**SPECIAL REQUIREMENTS AND REGULATIONS**

QFE altimeter settings are available on request.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ICAO REFERENCE****ANNEX 2**

**4.5** In addition, VFR flight will not be flown within a minimum of 300m from the slope of mountains.



## BRAZIL RULES AND PROCEDURES

### GENERAL

In general, the air traffic rules and procedures and air traffic services conform to ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance	Kilometers/Nautical Miles
Short distances	Meters and Feet
Altitudes, heights, elevations, and aerodrome dimensions	Meters and Feet
Horizontal speed	Kilometers Per Hour or Knots
Wind speed	Knots
Vertical speed	Feet per Minute
Wind direction for landing and taking off	Degrees Magnetic
Altitudes and heights of clouds	Meters or Feet
Visibility <i>NOTE: Visibility of less than 5km may be given in meters.</i>	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Kilograms
Time	Hours and Minutes, the day of 24 hrs beginning at midnight UTC.

*NOTE: On TERMINAL Charts altitudes and elevations are in feet, speeds are in knots, and distances, except for visibility, are in nautical miles.*

### WGS-84 COMPLIANT

### FLIGHT PROCEDURES

#### HOLDING

Holding procedures comply with ATC Chapter ICAO Flight Procedures (DOC 8168) Part IV Holding Procedures, Table "Holding Speeds ICAO DOC 8168 Volume I".

Level changes in the holding pattern must be executed at a climb/descent rate within 500 ft and 1000 ft per minute. Climb/descent rates greater or less than prescribed may be used with prior clearance from Approach or, when necessary, requested by Approach.

## **BRAZIL RULES AND PROCEDURES**

### **PROCEDURE LIMITATIONS AND OPTIONS**

Instrument approach procedures conform to those contained in PANS-OPS, Document 8168, Volume II.

### **AIRPORT OPERATING MINIMUMS**

Brazil publishes Decision Altitudes (DA), Minimum Descent Altitudes (MDA) ceiling and visibility for landing.

Whenever an ATS unit reports meteorological minima lower than minima established on the approach procedure, the pilot-in-command shall, at his/her discretion and after informing the ATS unit of his/her decision, execute the instrument approach procedure for straight in landing prescribed on the approach chart. The execution of circling approach procedures is prohibited, however a straight in approach may be conducted to the MDA or DA. The pilot shall only proceed to landing if visual contact with the runway or approach lights is established. If visual contact is not established at or prior to the missed approach point, the missed approach procedure must be executed.

### **ATS AIRSPACE CLASSIFICATION**

Brazil airspace is designated in accordance with ICAO airspaces classification and are depicted on ENROUTE/AREA Charts.

### **SPECIAL REQUIREMENTS AND REGULATIONS**

#### **ATLANTIC OCEAN RANDOM ROUTING RNAV AREA (AORRA)**

The Atlantic Ocean Random Routing RNAV Area (AORRA) is the volume of airspace between FL290 and FL410 inclusive within the Atlantico, Accra, Comodoro Rivadavia, Dakar, Dakar Oceanic, Ezeiza, Johannesburg Oceanic, Luanda and Montevideo FIRs. (See Enroute Chart).

Flights operating within the AORRA shall enter and exit AORRA via charted gates.

In cases where there is no fixed route structure, Standard Instrument Arrival (STAR) or Standard Instrument Departure (SID), soon after entering/leaving the AORRA that supports the origin/destination of a specific flight, aircraft may enter/leave the AORRA out of the gates.

Aircraft may track via a flight plan preferred track between these gates. Prior to entering or after exiting the AORRA at a particular gate, aircraft are to comply with the fixed route structure associated with that particular entry or exit point or as instructed by ATC, and are required to flight plan accordingly.

ADS/CPDLC will be utilized in AORRA airspace by suitably equipped service providers to provide this kind of communication and/or surveillance to aircraft equipped with FANS 1/A Functionalities. Operators are to note that in some sectors of the random routing air space, ADS/CPDLC is the primary form of surveillance/communication. In this case, HF communication will be considered a secondary means of communication.

No aircraft shall flight plan to operate in the AORRA airspace unless it is RNP10 certified to operate in this airspace by the State of Registry or the State of operator as the case may be, except in limited circumstances.

**BRAZIL  
RULES AND PROCEDURES****FLIGHT PLANS**

When it is intended to operate an aircraft in AORRA airspace, RNP10 compliance shall be indicated by placing an "R" in box 10 of the flight plan form. Flight plans shall contain entry and exit points to AORRA and the estimated time for every 5° of longitude. In the case of repetitive flight plans RNP10 compliance shall be indicated by placing an "R" in box Q of the RPL, as follows EQPT/R.

**GENERAL PROCEDURES**

If an aircraft cannot enter or continue the flight in compliance with the ATC clearance issued and/or cannot maintain the precision required for the specified navigation performance in the airspace, ATC will be advised immediately.

Position reporting shall be required at entry/exit gates, every 10° longitude, and any other position required by ATC.

**PROCEDURE FOR LOGON TO THE ATC DATA LINK SYSTEM**

Aircraft inbound from airspace without ADS-C/CPDLC.

Connection shall be established, by procedure performed by the pilot, using the ICAO code for Atlantico ACC: SBAO.

Connection shall be established, at least, 10 minutes prior to entering the Atlantico FIR and, no more than 25 minutes in advance.

Aircraft inbound from airspace with ADS-C/CPDLC.

CPDLC and ADS-C will be automatically transferred between Atlantico ACC and the ACC responsible for the adjacent FIR, just in case the latter unit also uses such applications. CPDLC connection will remain inactive until the procedure described below is accomplished.

CPDLC connection will be transferred, approximately, 5 (five) minutes prior to crossing boundary point of Atlantico FIR, when its status will change to active.

Pilots shall verify the data link status of connection at crossing Atlantic FIR limits. If SBAO is not an active connection, that is to say the transfer has not happened automatically, when crossing Atlantic FIR limits, the pilot should terminate the existing CPDLC connection and execute procedure to establish a new connection, by using SBAO address.

To avoid an automatic rejection of the LOGON, the pilot shall ensure the flight identification and registration numbers contained in the message FN\_CON are exactly the same as the flight identification and registration numbers filed in the Flight Plan.

Aircraft inbound from Atlantico FIR towards FIR without ADS-C and CPDLC will receive the message END SERVICE, 5 minutes before crossing the FIR limit. Pilots shall verify the data link status of FANS 1/A connection at crossing Atlantico FIR limits and terminate CPDLC connection, in case it stays activated.

In the event of a login failure, the flight crew should confirm the aircraft identification matches the information provided in the FPL and, as appropriate:

- a. make the necessary corrections; and then

**BRAZIL  
RULES AND PROCEDURES**

- b. re-initiate the login.

If no reason for the failure is evident, the flight crew should:

- a. contact the ATC unit by voice to advise of the failure; and
- b. contact the operations center of the company to advise of the failure.

**CONTROLLER-PILOT DATA LINK COMMUNICATIONS (CPDLC)**

The equipped aircraft should use CPDLC for all ATC communications. Position report messages will be by ADS-C.

In case CPDLC is not available or exceptionally required by the Atlantico ACC, the communications with that unit shall be accomplished on HF frequency informed by the ATS unit responsible by adjacent FIR or established by means of MONITOR or CONTACT message.

When crossing Atlantico FIR, the aircraft in data link communication (CPDLC) shall not perform SELCAL check at first contact, unless requested by the ATS unit, in order to avoid jamming HF frequencies.

When a MONITOR up link message is received, the pilot shall change to the nominated frequency at the appropriate time. A check call is not required on that frequency.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES****ICAO REFERENCE****ANNEX 2**

**3.3.1.2** – It is compulsory to submit a Flight Plan previously, when a flight, partially or totally, is planned to operate:

- a) according to Instrument Flight Rules;
- b) according to Visual Flight Rules, in case it is subject to the Air Traffic Control Service;
- c) in aerodrome with ATS unit provision;
- d) in certain airspace or aerodrome, where this submission is required, according to aeronautical publications; or
- e) in Air Defense Identification Zone (ADIZ).

**3.3.1.3** – before departure, a flight plan shall be submitted before departure to an Aerodrome Aeronautical Information Office.

**3.3.1.4** – A flight Plan shall be submitted, at least, 45 (forty five) minutes before the EOBT.

**3.3.5.3 and 3.3.5.4** – The closing of a flight plan to an aerodrome not provided with an ATS unit will occur automatically at being completed the estimated elapsed time (EET).

**3.6.5.2.2** An aircraft with communication failure, under IFR meteorological conditions or when the pilot of an IFR flight considers it inadvisable to complete the flight in accordance with 3.6.5.2.1 a) shall;

## **BRAZIL RULES AND PROCEDURES**

- a) maintain speed an level, in accordance with the Current Flight Plan, up to the clearance limit and, if that is not the expected destination aerodrome, continue the flight in accordance with the Filled Flight Plan taking into consideration the applicable minimum flight altitude;
- b) proceed according to a) above up to the appropriate designated navigation aid or fix serving the destination aerodrome and, when required to ensure compliance with d) hold over this aid or fix until commencement of descent;
- c) when being radar vectored or having been directed by ATC to proceed offset (perform lateral deviation) using RNAV without a specified limit, rejoin the current flight plan route no later than the next significant point, also taking into consideration the applicable minimum flight altitude;
- d) commence the descent from the navigation aid or fix specified in b);
  - at or as close as possible to the last estimated approach time received and acknowledged of that time; or
  - if no expected approach time has been received and acknowledged; at or as close as possible to the estimated time of arrival resulting from the current flight plan or filed flight plan in the event that the clearance limit has not been destination aerodrome, in accordance with a) and b) above;
- e) complete the instrument approach procedure as specified for the designated navigation aid or fix; and
- f) land, if possible, within the subsequent 30 (thirty) minutes to the estimated time of arrival, specified in d), or the last estimated approach time, whichever is after.

## **APPENDIX 1. SIGNALS**

### **4.2.7 – Aerodrome AIS units**

The letter C displayed vertically in black against a yellow background (Figure 1.10) indicates the location of the Aerodrome Aeronautical Information Office.

## **ANNEX 11**

**3.2 a) 2)** By an approach control unit to which the attribution of providing such service has been delegated in a certain airspace.

**3.3.3** This recommendation is not implemented yet.

## **PANS-ATM (DOC 4444)**

### **4.4.2 Submission of a flight plan**

#### **4.4.2.1 Prior to Departure**

**4.4.2.1.2** Except when other arrangements have been made for submission of Repetitive Flight Plan, a Flight Plan submitted prior to departure should be submitted to the Aeronautical Information Office at the departure aerodrome. If no such unit exists at the departure aerodrome, the Flight Plan should be submitted to the ATS UNIT at the departure aerodrome or, if prescribed by an Aeronautical Information Publication, to a specific unit to the concerning aerodrome.

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**BRAZIL  
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**4.4.2.1.3** In the event of a delay of 45 minutes in excess of the EOBT for which a Flight Plan has been submitted, this flight plan shall be amended or a new flight plan shall be submitted and the old flight plan cancelled, whichever is applicable.

## CHILE RULES AND PROCEDURES

### GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Annexes 2 and 11, and ICAO Regional Supplementary Procedures.

The Director General for Civil Aviation is the authority responsible for air traffic services in Chile.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc.	Nautical Miles
Relatively short distances (Less than 4000m)	Meters
Altitudes, elevations and heights	Meters and Feet
Horizontal speed including wind speed	Knots or Mach
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, Runway visual range <i>NOTE: Visibility less than 5km may be given in meters.</i>	Kilometers
Altimeter setting	Hectopascals (millibars)
Temperature	Degrees Celsius
Weight	Kilograms
Time	Hours and Minutes

### WGS-84 COMPLIANT

### FLIGHT PROCEDURES

#### HOLDING

Holding procedures comply with Table IV-1-3, published on AIR TRAFFIC CONTROL – International Civil Aviation Organization Flight Procedures.

#### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on the United States Standards for Terminal Procedures (TERPS) criteria and ICAO PANS-OPS 8168 Vol II.

## CHILE RULES AND PROCEDURES

### AIRPORT OPERATING MINIMUMS

Chile publishes Decision Altitudes (Heights) [DA (H)], Minimum Descent Altitudes (Heights) [MDA (H)] and visibility for landing. Ceiling and visibility or visibility only are published for take-off. Ceiling and visibility are published for alternate.

Jeppesen charted minimums are not below State minimums.

### ATS PROCEDURES TO USE IN OCEAN ROUTES BETWEEN SANTIAGO, CHILE AND LIMA, PERU

Measures established to manage the air traffic crossing the common boundary between Antofagasta FIR, Chile and Lima FIR, Peru.

### FLIGHT LEVELS

The flight levels assigned for the transfer of responsibilities will be as indicated in the following table, corresponding column "1" for tracks between 000° to 179° and column "2" for tracks between 180° to 359°.

1	2
000° to 179°	180° to 359°
FL290	FL300
FL310	FL320
FL330	FL340
FL350	FL360
FL370	FL380
FL390	FL400
FL410	FL430
FL450	FL490*
FL530*	FL570*
*Only in PASCUA FIR	

### TRANSFER OF RESPONSIBILITY AND COMMUNICATIONS

In the RVSM airspace, between flight levels 290 and 410, no transfers between ACCs will be accepted of aircraft that are not RVSM certified, except for state aircraft, maintenance flights, delivery flights or for humanitarian reasons.

Non RVSM certified aircraft, except those mentioned above, shall be transferred at flight levels below FL290 or above FL410.



## **CHILE RULES AND PROCEDURES**

All aircraft flying to LIMA FIR shall contact LIMA ACC on published frequencies at least 5 minutes before the entry point to report ETO and flight level, monitoring Santiago Radar on 128.7 MHz to report the ATO over the exit point of Antofagasta FIR to Santiago ACC.

### **STRATEGIC LATERAL OFFSET PROCEDURES (SLOP)**

The strategic lateral offset procedures (SLOP) is allowed in airway UL 302 between ELASA and IREMI fixes, AWY UL 780 between SULNA and SORTA fixes and in AWY UL 401 between ANPUK and ESDIN fixes.

For all offsets, pilots should note the following:

- a. only the aircraft with automatic offset programming capability can fly offset;
- b. the flight crew is responsible for the decision to fly offset;
- c. the offset will be one (1) or two (2) NM right off the centerline with respect to the direction of flight;
- d. In the airspace in which the use of SLOP is authorized, pilots shall inform the ACC that they are flying offset.

Pilots may contact, if necessary, other aircraft to coordinate lateral displacement on air-to-air frequency 123.45 MHz.

### **SPECIAL REQUIREMENTS AND REGULATIONS**

QFE altimeter settings are not available.

VFR is not authorized above FL195, (above FL245 in the Isla De Pascua (Easter I) FIR).

### **OPERATIONAL REQUIREMENTS – ISLA DE PASCUA (EASTER I)/MATAVERI INTL**

#### **Flights Plan**

The pilot in command operating from and to Isla De Pascua (Easter I)/Mataveri Intl or is going to conduct an overflight using Isla De Pascua (Easter I)/Mataveri Intl as enroute alternate, should indicate in its flight plan, a point over which if it is not possible to continue the flight to the projected destination, must return to the departure airport.

Should be submitted with the following minimum advance:

- a. Four (4) hours for a scheduled flight subject to itinerary originated in national territory.
- b. Twelve (12) hours for other flights originated in national territory.
- c. Twelve (12) hours for an scheduled international flight.
- d. Thirty six (36) hours for a non-scheduled international flight.

When an air operator requires modification of its EOBT (Estimated Off Blocks Time), shall inform to one of the following telephones:

- (56)-32-2100245
- (56)-32-2100247

## **CHILE RULES AND PROCEDURES**

– (56)-32-2100237

The time at which should be able to operate a flight to and from Mataverí Airport, Easter Island Isla De Pascua (Easter I)/Mataverí Intl, including those flights that use such airport as enroute alternate airport, shall be informed by Isla De Pascua (Easter I)/Mataverí Intl ATCO.

### **Local Flights at Mataverí Airport**

A local flight can be made at Mataverí Airport:

- a. Before the aircraft bound to Mataverí Airport without destination alternate airport, has crossed its specified point in the flight plan or after it has landed.
- b. Before or after the period that an overflight have designated Mataverí Airport as it enroute alternate airport.

### **Priority for Aircraft Arriving and Departing**

It will be in accordance with the provisions of DAP 11 00 “Air Traffic Services Procedures”. (not published herein)

In other cases, the priority will be determined by ATCO of the Easter Island approach control unit.

### **Permit Request for Non-Scheduled Flights**

Any national or international non-scheduled air operator projecting to conduct one or more overflights in the Flight Information Region (FIR) of Easter Island Isla De Pascua (Easter I)/Mataverí Intl or for the purposes of technical stop at Mataverí Airport, should submit the operation permit application to the Direccion General de Aeronautica Civil (Directorate General of Civil Aviation), with a minimum advance:

- a. Forty eight (48) hours:
  - via AFTN to: SCELZPX; SCIPZRZX; SCELZPX; SCIPZPX
  - via e-mail to operaciones\_amb@dgac.gob.cl
  - via Fax (56)-22-6019366
- b. Seventy two (72) hours to:
  - By post: Castilla 61, Correo Aeropuerto Arturo Merino Benitez, Pudahuel – Santiago – Chile.

## **RNAV/RNP10 IMPLEMENTATION IN UPPER AIRSPACE OF EASTERN ISLAND FIR AND OCEANIC ACC DELEGATED AIRSPACE OF ANTOFAGASTA, SANTIAGO, PUERTO MONTT AND PUNTA ARENAS FIR**

To harmonize the use of the ocean airspace with adjacent FIRs and allow users to use optimal levels in its most convenient routes (UPR) in Chilean jurisdictional airspace, the General Directorate of Civil Aviation of Chile (DGAC), has implemented the RNAV/RNP10 in upper airspace Easter Island FIR and in the airspace delegated to the Oceanic ACC inside the Antofagasta, San-

## **CHILE RULES AND PROCEDURES**

tiago, Puerto Montt and Punta Arenas FIR, allowing reducing lateral separation to 50 NM between trajectories of aircraft flying at the same flight level.

### **OPERATIONS WITHIN RNAV/RNP10 AIRSPACE**

Only aircraft approved RNAV/RNP10 or better will be authorized to operate within RNAV/RNP10 airspace, allowing the following exceptions:

- a. State aircraft;
- b. aircraft being used for humanitarian purposes;
- c. aircraft which is being delivered for the first time to the registration State or to the Manager; and
- d. Aircraft that has previously received RNAV/RNP10 approval, but has suffered an equipment failure and is flying into a maintenance or repair installation.

RNAV/RNP10 non-approved civil aircraft, that perform domestic or international flights into or toward RNAV/RNP10 airspace, may be authorized to operate, prior coordination to Oceanic ACC, as referred to below.

RNAV/RNP10 non-approved civil aircraft, making international flights towards the oceanic FIR of Tahiti or New Zealand, must be the necessary coordination, directly with Tahiti or Auckland ACCs, before coordinating with the Chilean Oceanic ACC.

### **RNAV/RNP10 APPROVAL**

The Operator State will issue RNAV/RNP10 approval.

National operators will contact with Operational Safety Department (DSO) of DGAC to request RNAV/RNP10 approval. Other operators should refer to the authority of their State of registration or the appropriate Operator State.

### **RNAV/RNP10 PROCEDURES INFORMATION**

ATS procedures required to RNAV/RNP10 implementation will be those described below:

#### **ATS PROCEDURES**

- a. Aircraft flying on designated RNAV/RNP10 oceanic airspace should be approved RNAV/RNP10 or better.
- b. To indicate the RNAV/RNP10 approval, letter "R" shall be inserted in item 10 of ICAO FPL. Item 15, will include the Mach number and in the item 18, PBN information.
- c. 50 NM of lateral separation will be applied between approved RNAV/RNP10 aircraft.
- d. The applicable lateral separation between an RNAV/RNP10 approved aircraft, with other unapproved RNAV/RNP10 aircraft, or non-approved RNAV/RNP10 aircraft will be 100 NM.
- e. Minimum of 15 minutes longitudinal separation will be used, which may be reduced to 10 minutes or 50 NM RNAV between aircraft at the same level, which follow the same route, using the MACH number technique (MNT).

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- f. Non-approved RNAV/RNP10 aircraft, be allowed to operate in the declared RNAV/RNP10 airspace with prior coordination. This coordination will be made by phone with Oceanic ACC, with an advance of at least 12 hours for international flights and at least 4 hours before EOBT, for domestic flights.
- g. Non-RNAV/RNP10 aircraft, authorized to operate in the RNAV/RNP10 airspace, shall annotate ICAO flight plan Item 18 as follows: "RMK/NONRNP10" (no space between letters and numbers).
- h. Coordination between ACCs shall be through the ATS means of coordination currently established, incorporating these procedures to the letter of agreement.
- i. Operational preference to assign user preferred routes (UPR) and Flight Levels will be given to approval RNAV/RNP10 aircraft, unless give preference to Non-RNAV/RNP10 aircraft means an operational advantage.

**COLOMBIA  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation position reporting, etc., generally in excess of 2 or 3 NM	Nautical Miles and Tenths
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Meters and Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Visibility, including runway visibility	Kilometers or Meters
Altimeter setting	Inches of Mercury (Hectopascals on Request)
Temperature	Degrees Celsius
Mass	Metric Tons or Kilograms
Time	Hours and Minutes

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### HOLDING

Holding procedures comply with Table IV-1-1, published on AIR TRAFFIC CONTROL – International Civil Aviation Organization Flight Procedures.

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in the new PANS-OPS, Document 8168, Volume II.

### AIRPORT OPERATING MINIMUMS

Colombia does not publish complete airport operating minimums for all procedures. Decision Altitude (Height) [DA(H)] is published for precision and non-precision approaches as they are revised. On non-precision procedures which have not been revised Colombia publishes MDA.

**COLOMBIA  
RULES AND PROCEDURES**

Jeppesen charted minimums are not below State minimums.

## SPECIAL REQUIREMENTS AND REGULATIONS

VFR flight is not authorized above 18,000 feet.

## DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

### ICAO REFERENCE

#### ANNEX 2

**4.4** Minimum Visual Flight Conditions are as shown in the Table below.

#### Appendix 1, 4.1

SIGNALS FOR AERODROME TRAFFIC: Alternating green and red light signal means for aircraft in flight and on the ground — “EXERCISE EXTREME CAUTION” — added.

#### MINIMUM FLIGHT CONDITIONS \*

Air Space Class	A*** B C D E	F	G
		Above 3000 ft (900m) MSL or above 1000 ft (300m) AGL, the highest value	Above 3000 ft (900m) MSL or above 1000 ft (300m) AGL, the highest value
Distance from Clouds	1500m horizontal and 1000 ft (300m) vertical		Clear of clouds and surface is visual
Visibility	10,000 ft (8Km to 3,050m) MSL or above 5Km and below 10,000 ft (3,050m) MSL		5Km**

\*When the transition altitude is below 10,000 ft (3,050m) MSL, FL-100 should be used instead of 10,000 ft.

\*\*When ATC authority prescribes:

- a. Flight with inferior visibilities, up to 1,500m, these flights should:
  1. Under predominant visibility conditions and under speeds that give the pilot the opportunity to observe traffic, or any obstacle, with enough time to avoid a collision; or
  2. In circumstances where traffic is minimum, for example, in low traffic areas and in low altitude areas where some type is needed to be performed.
- b. Helicopters can be authorized to fly under 1500m of visibility if they maneuver at the correct speed to observe traffic, or find any obstacle, with enough time to avoid a collision.

\*\*\*The VMC minimums in Class “A” airspace are included as guidance to pilots and do not assume that VFR flights are accepted in Class “A” airspace.

**ECUADOR  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

The Director General for Civil Aviation through the Department for Air Traffic Control is the authority for air traffic services within Ecuador and the Galapagos Is.

Units of measurement used in air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation position reporting, etc.	Nautical Miles and tenths
Relatively short distances such as those relating to airport	Meters
Altitudes, elevations and heights	Feet
Horizontal speed, including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for take-off and landing	Degrees Magnetic
Wind direction except for take-off and landing	Degrees True
Visibility including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric tons or kilograms
Time	Hours and Minutes. The day of 24 hrs beginning at midnight UTC.

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### HOLDING

Holding procedures comply with Table IV-1-1, published on AIR TRAFFIC CONTROL – International Civil Aviation Organization Flight Procedures.

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are established on those contained in the PANS-OPS, Document 8168, Volume II, Third Edition.

**ECUADOR  
RULES AND PROCEDURES**
**AIRPORT OPERATING MINIMUMS**

Ecuador publishes Decision Altitudes (DA), Minimum Descent Altitudes (MDA) and visibility for landing. Ceiling and visibility are published for take-off.

Jeppesen charted minimums are not below State minimums.

**Approach Ban**

Unless in cases of emergency, the responsible ATC **WILL NOT AUTHORIZE** any aircraft to initiate an approach procedure or instrument departure, if the conditions of ceiling and/or visibility at the airport or the airfield encounters values lower than those published for all procedures.

The responsible ATC will authorize an aircraft to carry out an instrument approach procedure for arrival or departure if the conditions of ceiling and visibility of the airport are at or above the minimum values published in the requested procedure.

The visibility and ceiling required for landing or take-off must be observed in the direction of the IFR approach or departure, according the values published in the procedures.

The aircraft that arrives and which carries out the instrument approach procedure will notify control when a procedure turn is initiated. The ATC controller will request the pilot-in-command to notify [the controller] when reaching the minimum descent altitude (MDA) or the decision altitude (DA) with the runway in sight or when initiating the missed approach, utilizing the following phraseology: "The MDA or DA.....has been reached with runway in sight or initiating missed approach".

Under no circumstances will the published MDA or DA for the procedure, will be reduced to the minimum margin of obstacle clearance.

If at the decision altitude, visual contact with the runway is established, the pilot-in-command will notify Control "...runway in sight...". The ATC controller receiving the message, will authorize the landing of the aircraft with the phrase "...with runway in sight."

If at the decision altitude, visual contact with the runway is not established, the pilot-in-command will notify Control "...visual contact negative, initiating missed approach...". The ATC controller will expedite the pertinent clearances.

Once the instrument approach is authorized and the pilot has stated that the procedure was initiated, if a change in the conditions occurs for ceiling and/or visibility at the airport putting the values below the published minimums, the aircraft will complete the procedure to the minimum descent altitude (MDA) or the decision altitude (DA) without passing below it.

If upon reaching the MDA or DA, visual contact with the runway can be established, proceed according that stated in the paragraph above.

If upon reaching the MDA or DA, visual contact with the runway cannot be established, proceed according to that stated in the paragraph above.

Departure will not be authorized when meteorological conditions are below published take-off minimums.



ECUADOR  
RULES AND PROCEDURES**SPECIAL REQUIREMENTS AND REGULATIONS****TIME OF PRESENTATION**

Flight plans may not be submitted more than 120 hours in advance of the expected off-block time of a flight but must be submitted at least 30 minutes prior to departure, taking into account the requirements of timely information to ATS units in airspace along the route to be flown, including prompt filing requirements for the organization of the flow of air traffic (ATFM).

QFE altimeter settings are not available.

**CONTINGENCY PLAN****CONDORCOCHA (QIT) VOR/DME NAVAID OUT OF SERVICE****Objective**

Establish alternative ATS routes for entry/departure of aircraft to the Terminal Area of Quito and overflying aircraft using the airways sustained in Condorcocha VOR/DME (QIT) FREQ 115.3 MHZ CH100X, when the latter is out of service.

**General**

Air Traffic Management in anticipation of this event has developed this “Contingency Plan - Condorcocha (QIT) VOR/DME navaid out of service” to mitigate the operational impact that will be generated in the period during which this navaid remains out of service.

The Plan will also be executed by Air Traffic Units involved, when technical and operational reasons warrant its activation to maintain safety margins in the area of their responsibility.

**Scope**

Guayaquil Area Control Center, Quito Approach Control, Quito Aerodrome Control, Latacunga Aerodrome Control, Air Navigation Service, Air Traffic Management, International NOTAM Office and Bureau of Safety Management System.

**AFFECTED AIRWAYS**

W23G	W6	W9G
W5	W21G	W20G
W1	G439	W25G
W9	G426	G675

UW5	UW6
UA550/UG438	UG439
UW9	UW21G
UW1	UW23G

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RULES AND PROCEDURES

UM674	UM776
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**OVERFLIGHTS**

Area Control Center will allow direct flights between points to aircraft flying over Ecuadorian airspace provided that their flight plan includes Condorcocha VOR (QIT).

Area Control Center will authorize over flights as far as possible, by reference to the following routes available:

PLANNED ROUTE	CLEARED TO FLY BY FOLLOWING POINTS
UG439/UM776	ESV – ENVIG – TERAS y VICEVERSA
UM674	ENSOL – EVLIM y VICEVERSA
UM674/UM776	ENSOL – ENVIG – TERAS y VICEVERSA
UM674/UM776	ENSOL – TERAS y VICEVERSA
UA550/UM674	BOKAN – KETON – EVLIM y VICEVERSA
UA550/UM674	BOKAN – EVLIM y VICEVERSA
UA550/UL780	BOKAN – BIVAN – GYV – VAKUD – y VICEVERSA
UA550/UL780	BOKAN – VAKUD y VICEVERSA

Aircraft flying in airway UA550 to SEGU as destination, from BOKAN position will be authorized to fly to EDMIR or MIDEX position to intercept the airway UW1 and proceed to GYV VOR/DME.

Aircraft flying in airway UA550 from SEGU will be routed from BIVAN position to BOKAN position.

**CONTINGENCY PLAN RELEASE**

The emergency measures deemed necessary for the care of ATS contingency situations, will be published by NOTAM.

This ATS Contingency Plan is not intended to establish procedures that cover all possible situations that would occur in the absence of this radio navigation aid and/or procedures that are based on it, because these can be numerous, so the personnel that provides air traffic control service in Ecuador where possible will apply the provisions of this Contingency Plan, to manage traffic safely, orderly and efficiency.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

None published.

FRENCH GUIANA  
RULES AND PROCEDURES

## GENERAL

In general, air procedures and regulations comply with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in aeronautical publications and NOTAM are as listed in the following table.

Measurement of	Unit
Distances	Nautical Miles and Tenths
Altitudes, elevations, heights, dimensions on aerodromes and short distances	Meters <sup>1</sup>
Horizontal speed	Knots
Vertical speed	Meters Per Second
Wind speed	Knots
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Cloud altitudes and heights	Meters
Visibility	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes UTC unless local is stated.
<sup>1</sup> Except for altitudes and heights shown on IAC, VAC and TMA charts, which are given in feet.	

## WGS-84 COMPLIANT

## ATS AIRSPACE CLASSIFICATION

French Guiana airspace consists of the following standard ICAO airspaces classification:

**Class “A”** — All airspace in the Rochambeau UTA (FL245 and above);

**Class “E”** — The Cayenne TMA and CTR;

**Class “G”** — Airspace in the Rochambeau FIR (Gnd FL245).

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## FLIGHT PROCEDURES

<b>AIRCRAFT CATEGORY AND ASSOCIATED INDICATED SPEED</b>								
<b>Speeds are express in knots</b>								
Aircraft Category	Vat <sup>1</sup>	Initial approach speed		Final approach speed		MAX speed for visual maneuvering	MAX speed for missed approach	
		MIN.	MAX.	MIN.	MAX.	<b>MVI or MVL</b>	Initial and Intermediate	Final
A	91	90	150	70	110	110	110	110
B	91/120	120	180 (170 <sup>2</sup> )	85	130	135	130	150
C	121/140	160	240 (220 <sup>2</sup> )	115	160	180	160	240
D	141/165	185	250 (220 <sup>2</sup> )	130	185	205	185	265
E	166/210	185	250 (220 <sup>2</sup> )	155	230	240	230	275

<sup>1</sup> Vat: (Speed at Threshold: 1.3 times stalling speed in landing configuration at maximum weight certificated for landing.

<sup>2</sup> Maximum speed for reversal or racetrack procedure.

## HOLDING

Holding procedures are based on those contained in ICAO PANS-OPS, Document 8168, Volume II.

### Particularities of Entries into a VOR DME Holding Pattern

Apart from cases of radar vectoring, arrivals into a VOR DME holding pattern are protected only:

- when following the inbound track of the holding.
- when following a published track.

In the case of an arrival along the VOR radial on which the inbound track of the holding is based, but in reverse course of the inbound track, the only procedure with a 30° diverging angle (type 2) is protected (whereas in PANS-OPS, there is a choice between two possibilities: type 1 and type 2).

## PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in PANS-OPS, Document 8168, Volume II.

When an aircraft has been allotted landing number one and when it is known that it is making use of the QFE to end its approach, the position of this aircraft in the vertical plane is expressed as a

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function of its height in relation to the QFE reference level during that part of the flight during which the QFE may be used, essentially during final approach. This height is expressed in relation to the altitude of the aerodrome. However, in the case of an IFR approach, height is expressed in relation to the elevation of the runway threshold:

- for all precision approaches;
- for all non precision approaches when the threshold is more than 5m (16') below the aerodrome elevation.

Selection of the altimeter settings used during the missed approach procedure depends on whether the procedure can or cannot be carried out below the transition altitude.

**Visual Maneuvering Without Prescribed Track (Circling — MVL)**

The dimensions of the area associated with an MVL must be noted as they vary with the aircraft category. The area is calculated by plotting an arc with a radius described below from the threshold of every usable runway. These are:

**Cat A** — 2.2 NM

**Cat B** — 3.1 NM

**Cat C** — 4.5 NM

**Cat D** — 5.5 NM

When an acceleration segment is provided for in the final phase of the missed approach segment, the following criteria apply:

- a. minimum length — 6 NM;
- b. minimum obstacle clearance (in the primary area) — 90m (300').

**AIRPORT OPERATING MINIMUMS****General**

French Guiana State minima are in accordance with EU-OPS, Appendix 1 (new) to Ops 1.430.

Jeppesen published minima on approach charts with label **Standard** are not below State minima.

**Using MDA(H) as a DA(H) – CDFA Flight Technique**

The operational minima published on French Guiana non-precision approach charts have been determined based on the assumption that these approaches are flown using the CDFA flight technique unless otherwise stated by the Authority for a particular approach to a particular runway.

The CDFA flight technique implies a continuous descent on final approach, without level-off at or above the MDA(H).

To avoid descending below the MDA(H) in case of a Missed Approach, France State Authority recommends to add following mean vertical margins to the published MDA(H) to use it as a DA(H):

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Aircraft Category	Margin/Add-On
A	20 ft
B	30 ft
C	40 ft
D	60 ft

These margins, however, are not considered necessary by France State Authority, if it is ensured that all three criteria below are fulfilled:

- The visual segment surface (VSS) is not penetrated by an obstacle
- Protection of the initial Missed Approach complies with ICAO recommended rules
- The MAP is located at or after the runway threshold

Under these conditions, it is assumed that the obstacles will be cleared with sufficient margin if the go-around procedure is initiated at an altitude corresponding to the MDA, provided that the descent slope is strictly monitored and that the go-around maneuver complies with the normal use of the aeroplane.

*NOTE: The fulfillment of these criteria can be derived from the State Source and will be considered on Jeppesen charts accordingly.*

**JEPPESEN Charts**

Based on the information above, Jeppesen Non-Precision approach charts will show the following if CDFA criteria fulfilled:

a. **DA/MDA(H)** label

This label indicates that the associated minima (RVR/CMV) are to be used in conjunction with the CDFA flight technique and, in case a Missed Approach must be initiated, an immediate climb out without level-off shall be performed. The lateral part of the missed approach procedure must be flown via the MAP, unless otherwise stated on the approach chart.

b. The published **DA/MDA(H)** values will not include an add-on to account for a height loss below the MDA(H).

c. **CDFA** label

Additional indication that the associated minima can only be used when the CDFA technique is applied.

d. If one or more of the three criteria previously mentioned are **not** fulfilled, an additional note will be published on the chart, referencing the recommendation to apply the add-on margins to the published **DA/MDA(H)** value, to use the MDA(H) as a DA(H).

The note will read:

“For add-on to the MDA(H), see ATC pages FRENCH GUIANA”

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Should the CDFA technique not be possible for a particular approach, the descent limit will be labeled **MDA(H)** and the Minima Box will show the label **non-CDFA**, to indicate that the charted minima have been increased following EU-OPS regulation (by *200m for Cat A/B aeroplanes and by 400m for Cat C/D aeroplanes, providing that the resulting RVR/CMV value does not exceed 5000m*).

## INSTRUMENT DEPARTURE PROCEDURES

## Turning Departures

For Category A and B aircraft, the lowest height at which a turn may be initiated is 90m (295') above the departure end of the runway (DER). There are two types of turning departures to consider:

**Turn After Initial Climb** — A turn made at a height of less than 300m (1000') or at a distance of less than 3.2 NM from the DER.

**Turn After Initial Climb** — A turn made at a height or distance greater than that for an “initial turn.”

Departure procedure maximum indicated airspeed (KIAS) for initial turn and turn after initial climb procedures are indicated in the following table for each category of aircraft.

Aircraft Category	Initial Turn	Turn After Initial Climb
A	120	120
B	145	165
C	175	265
D	205	290

## SPECIAL REQUIREMENTS AND REGULATIONS

PROVISIONS REGARDING RADIO COMMUNICATIONS AT NON-CONTROLLED  
AERODROMES

When an aerodrome is provided with a control tower or an AFIS center and these are out of service, pilots shall use the frequency assigned to the tower or AFIS center.

When neither of these services are available, pilots shall use the self information frequency assigned to the aerodrome, failing this, they shall operate on 123.5 MHz.

Pilots-in-command of aircraft equipped with radio communication equipment shall make position reports, state their intentions and inform the AFIS center of any subsequent modifications or, if not available do the same via a self information procedure as follows:

## On Arrival

- before joining the aerodrome traffic;
- on the downwind leg;

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- on the base leg;
- when the runway is clear;
- on the apron.

**On Departure**

- on the apron before starting to move;
- at stop point(s) before entering the runway;
- when lined up before take-off;
- when leaving the aerodrome traffic.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**
**ICAO REFERENCE**
**DEFINITIONS**
**ANNEX 2**

**4. 6 b)** Anywhere except in locations specified in a), at a height less than 150m (500') above ground level or sea level and at a distance less than 150m (500') from any people, vehicle or surface ship or artificial obstacle. Aircraft not power driven performing ridge soaring flights are not required to comply with this regulation provided that there is no risk for persons or surface property.

**5.3.1** The first usable level shall keep a margin of at least 150m (500') above the higher of the two levels:

- 900m (3000') AMSL,
- 300m (1000') ASFC.



**GUYANA  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc., generally in excess of 2 NM	<sup>1</sup> Nautical miles and tenths
Relatively short distances such as those relating to airports (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet per minute
Wind direction for landing and taking off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
<sup>2</sup> Visibility	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Mass (weight)	Kilograms or Metric Tons
Time	Hours and minutes, beginning at midnight UTC
<sup>1</sup> International nautical miles, for which conversion into meters is given by 1 international nautical mile = 1852m.	
<sup>2</sup> Visibility of less than 5 KM may be given in meters.	

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### HOLDING

Holding procedures comply with AIR TRAFFIC CONTROL – International Civil Aviation Organization Flight Procedures.

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on the current PANS-OPS, Document 8168, Parts III and IV of Vol. 1.

**GUYANA  
RULES AND PROCEDURES**
**AIRPORT OPERATING MINIMUMS**

Guyana publishes State airport operating minimums, Obstacle Clearance Altitudes/Heights (OCA/H), ceiling/visibility for landing and Obstacle Clearance Limits (OCL) for procedures based on the current version of PANS-OPS.

Jeppesen charted minimums are not below State minimums.

**ATS AIRSPACE CLASSIFICATION**

Guyana airspace is designated in accordance with the following ICAO airspaces classification:

**Class “A”** — Georgetown UTA FL245-Unl; Upper ATS routes FL245-Unl;

**Class “C”** — Georgetown CTA 3000"-FL245; Timehri TMA 3000"-FL95 including the Timehri CTR; ATS routes 3000"-FL245

**Class “G”** — All other areas excluding above

**SPECIAL REQUIREMENTS AND REGULATIONS**

A flight plan shall be submitted prior to operating any flight or portion thereof within the Georgetown FIR.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

None published.

PARAGUAY  
RULES AND PROCEDURES

## GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc., generally greater than 2 nautical miles.	Nautical Miles (NM)
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and taking off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility, including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Mass (weight)	Metric Tons or Kilograms
Time	Hours and Minutes, from midnight UTC

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

## HOLDING

## HOLDING SPEEDS

Flight Levels (FL)	Aircraft Category A & B	Jet Aircraft	
		Normal Conditions	Turbulence Conditions
1	2	3	4
Up to FL140 (4250m) inclusive	170 kt	230 kt (425 km/h)	280 kt (250 km/h) or 0.8 Mach, whichever is lower

**PARAGUAY  
RULES AND PROCEDURES**
**HOLDING SPEEDS (continued)**

Flight Levels (FL)	Aircraft Category A & B	Jet Aircraft	
		Normal Conditions	Turbulence Conditions
Above FL140 (4250m) to FL200 (6100m) inclusive	240 kt (445 km/h)		
Above FL200 (6100m) to FL340 (10350m) inclusive	265 kt (490 km/h)		
Above FL340 (10350m)	0.83 Mach		0.83 Mach

**PROCEDURE LIMITATIONS AND OPTIONS**

Instrument approach procedures are based on those contained in PANS-OPS, Document 8168, Volume II.

**AIRPORT OPERATING MINIMUMS**

Paraguay publishes Decision Altitude (DA), Minimum Descent Altitude (MDA), ceiling and visibilities for landing.

Jeppesen charted minimums are not lower than State minimums.

Lower than regular take-off minimums are published for Commercial Air Transport aircraft consisting of visibility only, applicable only when at least one take-off alternate airport is filed and for:

- Two engine aircraft** — the take-off alternate airport is not more than one hour flying time at normal cruising speed, in still air, with one inoperative engine;
- Three or more engine aircraft** — the take-off alternate airport is not more than two hours flying time at normal cruising speed, in still air, with one inoperative engine.

*NOTE: Indicate the alternate take-off airport in item 18 of the ICAO Flight Plan as follows:*

*RMK/ALTN DEP...(the four letter airport location indicator)*

The aircraft must be able to maintain the minimum climb gradient, with one engine inoperative, established on the departure procedure authorized by ATC and can reach the minimum flight level required to proceed to the alternate.

**Visibility Take-off Requirements**

- Turboprops with two engines: RVR or visibility of 1500m.

## **PARAGUAY RULES AND PROCEDURES**

- b. Jets with 2 or more engines and turboprops with more than 2 engines: RVR 700m or 800m visibility.

*NOTE 1: RVR is in this case the basic meteorological information and should be used if available. The visibility value should only be used when the RVR value is not available.*

*NOTE 2: The visibility minima indicated above will be applicable only if the following equipment is available:*

- a. Runway lights
- b. Center line rwy lights

Adherence to the above conditions will be the responsibility of the pilot-in-command. ATC will only verify compliance as to the aircraft type, that a take-off alternate has been indicated in the flight plan, and that meteorological take-off requirements have been met.

### **Speed Limitations**

VFR in Class C airspace – 250 KIAS below 3050m (10,000');

IFR and VFR in Class D, E, F and G airspaces – 250 KIAS below 3050m (10,000').

## **ATS AIRSPACE CLASSIFICATION**

In general, the airspaces in the Asuncion FIR are designated in accordance with the standard ICAO airspaces classification as follows;

**Class A** — All upper and lower airways above FL195;

**Class B** — The Asuncion TMA and CTR;

**Class C** — Lower airways A311 and A430 below FL195, between: EKILO/COSTA, GUARI/COATI respectively;

**Class D** — FOZ TMA, FOZ CTR, GUARANI CTR, airways A556 and W1 below FL195, between ASATI/REPAM and EKESA/CON respectively;

**Class E** — Lower airways A307, A428, A430, A556, B688, W1 and W2, below FL195, between: BOBIK/ALGEL, EROTI/GEMAS, KIDUS/PTP, UKELA/GERNI, ORUGA/UDENO, CON/PTP and ISEVO/KALAD respectively.

**Class G** — All uncontrolled airspace within the Asuncion FIR.

## **SPECIAL REQUIREMENTS AND REGULATIONS**

Flight plans must be submitted at least 30 minutes prior to departure.

For turbojet aircraft intending to operate along area navigation (RNAV) routes, the Mach number planned to be used shall be specified in Item 15 of the flight plan.

If the estimated time for the next position last reported to ATC is found to be in error by three minutes or more, a revised estimate shall be transmitted to the ATS unit concerned as soon as possible.

QFE altimeter setting will be made available on request.

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**PARAGUAY  
RULES AND PROCEDURES**

VFR is not permitted:

- a. above FL085;
- b. at transonic and supersonic speed.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

None published.

## PERU RULES AND PROCEDURES

### GENERAL

In general, the air traffic rules and procedures and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation, position reporting, etc., generally in excess of 2 NM.	Nautical Miles and Tenths
Relatively short distances such as those relating to airports (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Feet
Horizontal speed, including wind speed	Knots
Vertical Velocity	Feet per Minute
Wind direction for landing and taking off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility, including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes, the day of 24 hours beginning at midnight UTC

### WGS-84 COMPLIANT

### FLIGHT PROCEDURES

#### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in PANS-OPS, Document 8168, Volume II.

#### AIRPORT OPERATING MINIMUMS

Peru does not publish complete airport operating minimums. Peru publishes Obstacle Clearance Altitudes (Heights) [OCA(H)], visibility, and for a few selected procedures, ceiling.

Jeppesen charted minimums are not below State minimums.

### ATS AIRSPACE CLASSIFICATION

Peru airspace is designated in accordance with the following ICAO airspaces classification:

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RULES AND PROCEDURES**

**CLASS A**

- Lima UTA, FL250 – Unl.
- TMAs and controlled airways, FL210 – FL245.

**CLASS D**

- TMAs, 2000' – FL145.
- Controlled airways, MEA – FL200.
- CTRs and ATZs.

**CLASS G**

- All uncontrolled airspace within the Lima FIR.

**FLIGHT LEVELS**

The flight levels assigned for the transfer of responsibilities will be as indicated in the following table, corresponding column "1" for tracks between 000° to 179° and column "2" for tracks between 180° to 359°.

<b>1</b>	<b>2</b>
<b>000° to 179°</b>	<b>180° to 359°</b>
FL290	FL300
FL310	FL320
FL330	FL340
FL350	FL360
FL370	FL380
FL390	FL400
FL410	FL430
FL450	
See NOTE 1	See NOTE 1

*NOTE 1: The flights that enter and leave from Antofagasta FIR to Pascua FIR (Chile) with flight levels above FL450 have a special allocation. These flights must be coordinated between ACC Lima and ACC Santiago.*

**TRANSFER OF CONTROL AND COMMUNICATIONS**

In the RVSM airspace between flight levels 290 and 410, no transfers will be accepted between ACCs and aircraft not RVSM certified with flight exception made by state aircraft, flight maintenance/first delivery (FERRY) or for humanitarian reasons.



**PERU  
RULES AND PROCEDURES**

Non RVSM certified aircraft, except those mentioned above, must be transferred to flight levels below FL290 or above FL410.

All aircraft before entering the Antofagasta FIR must contact the ACC Santiago published at frequencies at least 5 minutes before the transfer point, to notify his ETO and flight level, maintaining and listening simultaneously with Lima Control South Area on 128.8 MHz to report to this office the ATO on the tip of Lima FIR output.

### **STRATEGIC LATERAL OFFSET (SLOP)**

The strategic lateral displacement is allowed in airway:

- a. UL 302 between ILMAR and IREMI,
- b. UL 780 between Moxen and SORTA, and
- c. UL between ILVOS and ESDIN.

At lateral movement, pilots **MUST** implement the following:

- a. Lateral displacements may be forwarded only by aircraft with automatic shift capability;
- b. The flight crew is responsible for the decision to make a lateral displacement;
- c. Lateral distance displacement will be **one (1) or two (2) nautical miles** right route axis with respect to the direction of flight;
- d. SLOP displacements are carried out in the airspace referred to above; the pilots must notify the ACC of Lima.

Pilots will be able, if necessary, to contact other aircraft to coordinate lateral displacement on air-to-air frequency 123.45 MHz (TIBA).

### **SPECIAL REQUIREMENTS AND REGULATIONS**

The following RNAV routes within Lima FIR are RNP 10: L302, UL302, UL308, UL312, UL344, UL401, UL780.

Flights shall be conducted in accordance with the instrument flight rules (even when not operating in IMC) when operated more than 20 NM from the shoreline, for a duration of more than one hour, except that compliance with IFR minimum levels is not required during the day in VMC.

The use of the air traffic advisory service is mandatory for all IFR flights operating outside of controlled airspace.

### **DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

None published.

**SURINAME  
RULES AND PROCEDURES****GENERAL**

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation, position reporting, etc. generally in excess of 2 nautical miles	Nautical Miles and Tenths
Relatively short distances such as those relating to airports (e.g., runway lengths)	Meters
Altitudes Elevations and heights	Feet
Horizontal speed, including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility, including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes, the day of 24 hrs beginning at midnight UTC

**WGS-84 COMPLIANT****FLIGHT PROCEDURES****HOLDING**

Holding procedures comply with information, published on AIR TRAFFIC CONTROL — International Civil Aviation Organization Flight Procedures.

**PROCEDURE LIMITATIONS AND OPTIONS**

Instrument approach and departure procedures are based on those contained in Parts III of Vol. I of the PANS-OPS.

## SURINAME RULES AND PROCEDURES

### Speed Limitations IFR Flights Departing from Controlled Aerodromes

Flight Level (FL)	Category A and B aircraft	Jet aircraft	
		Normal conditions	Turbulence conditions
Up to FL140 (4250 M) inclusive	170 KT	230 KT (425 KM/H)	280 KT (520 KM/H) or Mach 0.8, whichever is less
Above FL140 (4250 M) to FL200 (6100 M) inclusive		240 KT (445 KM/H)	
Above FL200 (6100 M) to FL340 (10,350 M) inclusive		265 KT (490 KM/H)	
Above FL340 (10,350 M)		Mach 0.83	Mach 0.83

### AIRPORT OPERATING MINIMUMS

Suriname publishes Decision Altitudes (Heights) [DA(H)], Minimum Descent Altitudes (Heights) [MDA(H)], ceiling and visibility for landing.

Jeppesen charted minimums are not below state minimums.

### ATS AIRSPACE CLASSIFICATION

Suriname airspace is designated in accordance with ICAO airspaces classification as follows:

**Class “A”** — Paramaribo FIR FL245-Unl; Upper ATS routes

**Class “B”** — Paramaribo UCA FL245-Unl; Paramaribo FIR CA 075-FL245; Zandery TCA 1500-FL125; Zorgen Hoop cz Gnd-1500; Lower ATS routes

**Class “G”** — Paramaribo FIR Gnd-FL245; Nickerie TCA Gnd-1500

### DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES

#### ICAO REFERENCE

#### ANNEX 2

**3.3.1.2** All flights, except flights within the Zandery TMA, are required to submit a flight plan to the appropriate ATS unit by radio before departure.

## 4 VISUAL FLIGHT RULES

VFR flights in terminal control areas and control zones shall be operated in accordance with Air Traffic Control Procedures.

**URUGUAY  
RULES AND PROCEDURES**

## GENERAL

In general, the air traffic rules and procedures in force and the organization of air traffic services are in conformity with ICAO Standards, Recommended Practices and Procedures.

Units of measurement used in air and ground operations are in accordance with ICAO Annex 5 (both SI and Non-SI) as listed in the following table.

Measurement of	Unit
Distance used in navigation, position reporting, etc.	Kilometers; Nautical Miles and hundreds
Relatively short distances such as those relating to airports (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Meters/Feet
Horizontal speed including wind speed	Kilometers Per Hour/Knots
Vertical speed	Meters Per Second/Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility	Kilometers or Meters
Runway visual range	Meters
Altimeter setting	Hectopascals (Inches of Mercury On Request)
Temperature	Degrees Celsius
Mass (Weight)	Kilograms or Metric Tons
Time	Hours, minutes, beginning at midnight UTC.

## WGS-84 COMPLIANT

## FLIGHT PROCEDURES

### HOLDING

Holding procedures comply with Table II, published on AIR TRAFFIC CONTROL — International Civil Aviation Organization Flight Procedures.

### PROCEDURE LIMITATIONS AND OPTIONS

Instrument approach procedures are based on those contained in PANS-OPS, Document 8168, Volume II.

Unless authorized by ATC, maximum speed while operating within a TMA below FL100 is 250 KIAS.

URUGUAY  
RULES AND PROCEDURES**AIRPORT OPERATING MINIMUMS**

Uruguay publishes Minimum Descent Altitudes (MDA) Obstacle Clearance Altitudes (Heights) [OCA(H)] and visibility for landing.

Jeppesen charted minimums are not below State minimums.

**ATS AIRSPACE CLASSIFICATION**

Uruguay airspace is designated in accordance with ICAO airspaces classification as follows:

**Class A** — Carrasco TMA FL195 – FL245, Montevideo CTA FL195 – Unl;

**Class C** — CTRs and ATZs, Montevideo CTA FL85 – FL195, Carrasco TMA 600m – FL195, Durazno TMA GND – FL195;

**Class F** — Carmelo FIZ, Paysandu FIZ, Tacuarembó FIZ, GND – FL55;

**Class G** — Montevideo FIR GND – Unl, Montevideo CTA GND – FL85, Montevideo Oceanic and Oriental sectors MSL – Unl, Carrasco TMA GND – 600m.

The lower limit of the CTA is generally FL35 with lower limit steps of 1000' (300m) and 2000' (600m) in the vicinity of airport CTRs.

**SPECIAL REQUIREMENTS AND REGULATIONS****ATLANTIC OCEAN RANDOM ROUTING RNAV AREA (AORRA)**

The airspace between FL290 and FL410 inclusive shall be designated as **AORRA** within the Atlántico, Comodoro Rivadavia, Ezeiza, Johannesburg Oceanic, Luanda Oceanic and Montevideo FIRs.

Prior to entering or after exiting the AORRA at a particular gate, aircraft are to comply with the ATS routes associated with that particular entry or exit point or as instructed by ATC, and are required to flight plan accordingly.

**AUTOMATIC DEPENDENT SURVEILLANCE AND CONTROLLED PILOT DATA LINK COMMUNICATION (ADS/CPDLC)**

ADS/CPDLC will be utilized in AORRA airspace by suitably equipped service providers to provide an ATS service to aircraft able to take advantage of this form of communication. Operators are to note that in some sectors of the random routing airspace, ADS/CPDLC is the primary form of communication, as HF as secondary means of communication.

**REQUIRED NAVIGATION PERFORMANCE (RNP 10) PROCEDURES FOR AIRCRAFT OPERATIONS WITHIN AORRA**

Only those aircraft certified for RNP 10 operations shall operate within the AORRA.

No aircraft shall flight plan to operate in the AORRA airspace unless it is RNP 10 certified to operate in this airspace by the State of Registry or the State of operator, as the case may be, except in the following circumstances:

- a. The aircraft is being initially delivered to the State of Registry or the State of the operator.

**URUGUAY  
RULES AND PROCEDURES**

- b. The aircraft is certified but experience navigation degradation and is being flown back to base or to a maintenance facility for repairs.
- c. The aircraft is engaged on a humanitarian or mercy flight.
- d. State aircraft.

**OPERATIONAL PROCEDURES BEFORE ENTERING TO AORRA AIRSPACE**

Before entering the AORRA airspace the pilot-in-command of an aircraft RNP 10 certified, shall verify that the required equipment to fly within AORRA is operating normally and also verify with the greatest possible accuracy the position of the aircraft through external air navigation aids.

If any equipment is not operating normally, the pilot should notify ATC before entering the AORRA airspace.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**
**ICAO REFERENCE**
**ANNEX 2**

**3.3.1.2** Flight plans are required to be submitted for all flights, except for VFR flight in Class G airspace.

**3.3.5.4** When the pilot submits a Flight Plan within the national borders, know before initiating it, that none of the procedures in this Annex to give notice of arrival (ARR) shall be practicable, shall record such inability by annotating in item 18 of the Flight Plan form, the following: ARR/NIL.

*NOTE: The annotation ARR/NIL, made in item 18 of the Flight Plan form shall prevent unnecessary activation of alert, search and rescue services.*

**3.6.2.2.1** Not applicable.

**3.6.3.1.1** Not applicable.

**4.3** VFR flights operate from 30 minutes before sunrise until 30 minutes after the sunset. Night VFR flights are permitted provided they meet the requirements of RAU 91 and RAU 135.

**4.4** VFR flights are not permitted:

- c) when operating over the ocean more than 20 NM (37km) from the shore line for more than one hour;
- d) over clouds, fog and other meteorological formation, when they obstruct the continuous visual references with the ground.

**4.5 a)** VFR levels up to FL195 only.

**ANNEX 11**

**3.3.5 c)** Not applicable within Uruguay airspace, there are no agreements with bordering countries for its application.

**3.6.1.3.1 c)** Not applicable for arriving aircraft.

**URUGUAY  
RULES AND PROCEDURES**

**3.10** Surface movement radar (SMR) not available.

**PANS-RAC (Doc 4444)**

**4.3.2.1.1** Numeral (c) is not applicable

**4.4.2.1.2** In the event of a delay of 60 minutes in excess of the estimated off-block time for a controlled flight or a delay of one hour for an uncontrolled flight for which a flight plan has been submitted, the flight plan should be amended or a new flight plan submitted and the old flight plan cancelled, whichever is applicable.

**4.10.4.6** QFE altimeter settings are not provided.

**5.4.2.2.2.1** Not applicable at the time of transfer of responsibilities, when flights are going to cross international borders. Instead shall apply the procedures established in the Letters of Agreement signed with Ezeiza, Resistencia and Curitiba ACC.

**5.4.2.3.3.1** Not applicable at the time of transfer of responsibilities, when flights are going to cross international borders.

**9.2.2.1** By regional agreement the period is of three minutes.

**SUPPLEMENTARY REGIONAL PROCEDURES (Doc 7030)**

**ANNEX 2**

Flights shall be conducted in accordance with instrument flight rules (even when not operating under meteorological instrument flight rule conditions) when operation over sea to more than 20 nautical miles from the coast, for more than an hour, except that shall not be required the observance of the minimum IFR levels during daylight, when visual meteorological conditions exist.

If an aircraft has deviated involuntarily from the specified route in its ATC authorization, shall adapt immediately the steps to recover the route within “one hundred (100)” nautical miles from the point where the deviation is observed.

VENEZUELA  
RULES AND PROCEDURES**GENERAL**

Air traffic rules and procedures applied in the territory of the Republic Bolivariana of Venezuela are adjusted to Annexes 2 and 11 to the International Civil Aviation Convention, to the parts of Procedures for Air Navigation Services, Air Traffic Management (Doc. 4444) applicable to aircraft, and to South American (SAM) Regional Supplementary Procedures.

Units of measurement used in all air and ground operations are as listed in the following table.

Measurement of	Unit
Distances used in navigation, position reporting, etc., generally in excess of 2 NM	Nautical Miles and Tenths
Relatively short distances such as those relating to airport (e.g., runway lengths)	Meters
Altitudes, elevations and heights	Meters and Feet
Horizontal speed including wind speed	Knots
Vertical speed	Feet Per Minute
Wind direction for landing and take-off	Degrees Magnetic
Wind direction except for landing and take-off	Degrees True
Visibility, including runway visual range	Kilometers or Meters
Altimeter setting	Hectopascals
Temperature	Degrees Celsius
Weight	Metric Tons or Kilograms
Time	Hours and Minutes, the day of 24 hours beginning at midnight UTC.

**WGS-84 COMPLIANT****FLIGHT PROCEDURES**

The holding, approach, arrival and departure procedures published have been prepared based on the contents of the ICAO - Doc. 8168 Procedures for Air Navigation Services - Aircraft Operations (PANS - OPS). The areas of holding have been provided, so that within the definite airspace, Jet Aircraft can operate, with indicated air speeds up to 230 kt, at/or above FL140 and 210 kt from 6000 ft to FL140.

**AIRPORT OPERATING MINIMUMS**

Venezuela publishes DH, MDA, HAA, HAT and visibility for landing. Ceiling and visibility or visibility only are published for take-off. Ceiling and visibility are published for alternate.



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**VENEZUELA  
RULES AND PROCEDURES****SPECIAL REQUIREMENTS AND REGULATIONS**

The operation in the Maiquetia TMA will only be permissible for the flights which have presented an IFR plan and have received a clearance from the corresponding ATC unit.

**DIFFERENCES FROM ICAO STANDARDS AND PROCEDURES**

None published.



# Entry Requirements



# Entry Requirements

State Rules and Procedures - Latin  
America

**BELIZE  
NATIONAL REGULATIONS AND REQUIREMENTS**

**PASSPORT**

Required of all visitors to enter or leave Belize. Exceptions are: nationals in possession of official documents such as those issued by the Secretariat of the Caribbean Community, or documents which establish the identity of the bearer to the satisfaction of the Immigration Officer.

**VISA**

No visas are required of passengers arriving and departing on the same through flight or transferring to another international flight at the same authorized airport of entry.

Entrance visas are required from temporary visitors with the exception of the following:

- a. citizens of Commonwealth countries, except India (whose application must be referred).
- b. nationals of countries with which Belize has Reciprocal Visa Abolition Agreements. e.g., Denmark, France, Sweden.
- c. nationals of the following countries do not require visas to enter Belize:

Belgium	Norway and colonies
Finland	Panama
Greece	San Marino
Iceland	Switzerland
Italy	Tunisia
Liechtenstein	Turkey
Luxembourg	United States of America
Mexico	Uruguay
Netherlands	Venezuela

- d. in-transit passengers provided that such passengers do not intend to remain in Belize for more than seven days, and are in possession of tickets and of such valid documents as will permit them to enter the country of their destination.
- e. all nationals of Communist countries must be referred.
- f. all applicants (except those covered by (g) below) must possess the following requirements:
  1. return or onward air tickets and visas, where applicable, or other means to return to their country of residence or some other country
  2. sufficient funds to maintain themselves for the period of intended stay in Belize, calculated at the rate of B\$60.00 per day (US\$30.00)
  3. give an address in Belize where they intend to stay
- g. businessmen, in addition to the requirements of (e) must produce evidence of transactions with commercial establishments in Belize.

## **BELIZE NATIONAL REGULATIONS AND REQUIREMENTS**

- h. official visitors and visitors to Government authorities in Belize must be in possession of letters of appointment, or of introduction, to a Belize Government Department.
- i. nationals of Guatemala may be granted visas without reference if they meet the appropriate requirements of (f). except that if they apply to enter Belize to take up a Consular post, their applications should be referred to the Director, Immigration and Nationality Department, Belmopan, Belize.

## **HEALTH**

All aircraft entering Belize shall make their first landing at Philip S W Goldson International Airport, which is designated as a sanitary airport.

## **ARRIVALS**

The commander of an aircraft arriving from abroad shall:

- a. before arrival, inform the proper officer by radio of any death, and of any case of infectious disease on board the aircraft.
- b. upon arrival produce a General Declaration and Fumigation Certificate, and answer any questions as to health conditions on board which may be put to him by an authorized officer.
- c. present to an authorized officer a declaration of health, in the appropriate form, containing the places of call and any facts relevant to public health which have arisen in the course of the voyage, and any health measures undergone by the aircraft, crew and passengers, before departure and during the flight.

Operators must ensure that any refuse taken from the aircraft is disposed of hygienically to the satisfaction of the Public Health Service.

## **DISINSECTIZATION**

The Director of Health Services may prohibit aircraft arriving from an area from which they are liable to bring insect vectors of malaria, dengue or any other disease, unless they have been disinfected during the voyage. Special sanitary measures apply to arrivals from yellow fever, plague, cholera, typhus and smallpox infected or endemic areas. Where required quarantine/vaccination arrangements will be made locally.

## **AIRCRAFT LANDING OTHERWISE THAN AT THE SANITARY AIRPORT**

If, due to unavoidable reasons, an aircraft is compelled to land at other than a sanitary airport, the commander:

- a. shall, as soon as possible after landing, report the fact to an officer of the Public Health Services, or to an officer of the police.
- b. shall prevent the removal of any merchandise or baggage from the aircraft, or the departure from the landing place of crew or passengers, without the permission of an authorized officer.

## BELIZE NATIONAL REGULATIONS AND REQUIREMENTS

### DEPARTURES

The Public Health Authority may, before the departure of an aircraft, medically inspect the passengers and crew and may prohibit the embarkation of any person with symptoms of any infectious disease.

### AIRCRAFT ENTRY REQUIREMENTS

#### GENERAL

- a. **All flights** into, from or over the territory of Belize and landings in such territory shall be carried out in accordance with the valid regulations of Belize regarding civil aviation.
- b. **Aircraft** landing in or departing from the territory of Belize must first land at or finally depart from Philip S. W. Goldson International Airport.

#### DESIGNATED AUTHORITIES

Director of Civil Aviation

Address: P.O. Box 367

Belize City

Belize

Central America

Tel: (501) 225-2014 or (501) 225-2052

Fax: (501) 225-2533

Telex: Nil

E-Mail: dcabelize@btl.net

AFS: MZBZYAYX

#### LANDING AND OVERFLIGHT CLEARANCE

##### Landing

If an operator intends to carry out a non-scheduled commercial flight, charter or private flight into Belize, the operator must apply to the Department of Civil Aviation via email [belize.ais@civilaviation.gov.bz](mailto:belize.ais@civilaviation.gov.bz) for permission to carry out such operation. The request must be made no less than **twenty-four hours** in advance of the intended landing. Only flights on urgencies or emergencies, including ambulance flights, will be considered at the last minute.

All flights must land at the Philip S. W. Goldson International Airport as the only port of entry via air.

The application for a landing must include the following information and must be sent electronically:

- a. Air Transport Form: **BDCA AIM F-14**. This must be duly filled out in **Microsoft Word**.
- b. Certificate of Airworthiness of aircraft  
Certificate of Registration of aircraft

## **BELIZE NATIONAL REGULATIONS AND REQUIREMENTS**

Pilot's or crew license(s)

Pilot's or crew medical certificate(s)

Third Party Insurance covering the territory of Belize

Air Operators Certificate (AOC) for Non-Schedule commercial flights (charters)

*NOTE: Private flights desiring to fly to domestic airports will require a written approval from the General Manager of the Belize Airports Authority.*

### **Overflights**

If an operator or aircraft intends to overfly Belizean airspace, the application must be made to the Department of Civil Aviation via email [belize.ais@civilaviation.gov.bz](mailto:belize.ais@civilaviation.gov.bz) for permission to carry out such operation no less than **twenty-four hours** in advance of the operation.

The application must include the following information:

- a. Name and address of operator
- b. Type of aircraft
- c. Nationality and Registration marks
- d. Itinerary showing point of origin and destination
- e. Date(s) and time(s) of operation in UTC

### **SCHEDULED AND NON-SCHEDULED FLIGHTS**

- a. Philip S. W. Goldson International Airport

All flights being private, non scheduled (charters) for passengers or cargo will be required to obtain a permit from the Department of Civil Aviation.

The following requirements must be met:

1. The request must be forwarded at least 24 hours in advance.
2. Documentation is to be presented as stated in the Belize Aeronautical Information Publication (AIP) which must include:
  - The purpose of the flight to Belize.
  - Copies of:
    - Certificate of Airworthiness of the aircraft,
    - Certificate of Registration of the aircraft,
    - Pilots medical,
    - Pilots license, and
    - Insurance policy covering the territory of Belize.
  - Passport information for crew and passengers as indicated in the table below:

## BELIZE

### NATIONAL REGULATIONS AND REQUIREMENTS

NAME OF CREW	NATIONALITY	PLACE AND DATE OF BIRTH	PASSPORT NUMBER	ISSUE DATE OF PASSPORT	EXPIRY DATE OF PASSPORT
NAME OF PASSENGER(S)					

– The table duly filled must accompany the request.

– Aircraft originating from the USA or Canada are not required to submit crew and passenger details.

In the event that a flight intends to operate on a Saturday or Sunday, the information should be provided not later than midday on Friday. In the case of a holiday, it should be provided not later than midday on the last working day prior to the holiday.

All charter flights will require a local ground handler.

All flights desiring to operate before or beyond established airport operating hours and especially at night must use the services of an authorized local ground handler.

Having complied with aforementioned requirements, the Department of Civil Aviation will proceed to issue a permit (via a clearance number) to operate to and from Belize.

The appropriate Flight Plan must be filed.

Any further queries can be directed to the Belize Department of Civil Aviation. Addresses and other relevant information can be found in the Department's website: [www.civilaviation.gov.bz](http://www.civilaviation.gov.bz)

- b. Applications should be accompanied by authenticated copies of Air Operators Certificates and Licenses or Permits to operate public transport services issued by the country of registry, and copies of insurance certificates covering liability for carriage of passengers, luggage and freight and damages to Third Parties. Airlines will be required to appoint a ground handling agent in Belize.
- c. Applications for **charter** permits required at short notice should be sent to the Chief Civil Aviation Officer, and must contain the following information:
  - Name and address of operator
  - Type of aircraft
  - Nationality and registration marks
  - Name of pilot-in-command
  - Points of origin and destination
  - Number of passengers and/or weight and type of cargo
  - Name of consignee (cargo flights)
  - Purpose of visit
  - Proposed dates and times of arrival and departure in Belize



**BELIZE  
NATIONAL REGULATIONS AND REQUIREMENTS**

- Route
- Name of handling agent

Applications may be made by AFTN to MZBZYAYX or by telephone on 025 2052.

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the under mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from Belize. All documents listed below must follow the ICAO standard format as set forth in the relevant \*Appendices to Annex 9 and are acceptable when furnished in English or Spanish and completed in legible handwriting.

**Aircraft Documents Required (Arrival/Departure)**

Required by Manifest	General Declaration	Passenger Manifest	Cargo
Customs	6	2	6
Immigration	2	1	1
Health	1		1
Quarantine			1
Department of Civil Aviation		1	1

Belize Airports Authority require: Airworthiness certificate, Registration, Licenses/Medical certificates, Logbooks, Insurance and Passenger Manifest if applicable.

Public Health Services require a Fumigation Certificate.

**Public Health Requirements**

All aircraft entering Belize shall make their first landing at Philip S W Goldson International Airport, which is designated as a sanitary airport.

**Arrivals**

The commander of an aircraft arriving from abroad shall:

- before arrival, inform the proper officer by radio of any death, and of any case of infectious disease on board the aircraft.
- upon arrival produce a General Declaration and Fumigation Certificate, and answer any questions as to health conditions on board which may be put to him by an authorized officer.
- present to an authorized officer a declaration of health, in the appropriate form, containing the places of call and any facts relevant to public health which have arisen in the course of the voyage, and any health measures undergone by the aircraft, crew and passengers, before departure and during the flight.

Operators must ensure that any refuse taken from the aircraft is disposed of hygienically to the satisfaction of the Public Health Service.

BELIZE  
NATIONAL REGULATIONS AND REQUIREMENTS***Disinsectization***

The Director of Health Services may prohibit aircraft arriving from an area from which they are liable to bring insect vectors of malaria, dengue or any other disease, unless they have been disinfected during the voyage. Special sanitary measures apply to arrivals from yellow fever, plague, cholera, typhus and smallpox infected or endemic areas. Where required quarantine/vaccination arrangements will be made locally.

***Aircraft Landing Otherwise Than at the Sanitary Airport***

If, due to unavoidable reasons, an aircraft is compelled to land at other than a sanitary airport, the commander:

- a. shall, as soon as possible after landing, report the fact to an officer of the Public Health Services, or to an officer of the police.
- b. shall prevent the removal of any merchandise or baggage from the aircraft, or the departure from the landing place of crew or passengers, without the permission of an authorized officer.

***Departures***

The Public Health Authority may, before the departure of an aircraft, medically inspect the passengers and crew and may prohibit the embarkation of any person with symptoms of any infectious disease.

**FEES**

The charges set out hereunder apply to all airports administered by the Belize Airport Authority or the Civil Aviation Department. Unless an alternative arrangement has been made, all charges for use of the airport are payable by the pilot of the aircraft on demand, or before the aircraft departs from the airport.

Fees include those for:

- a. Landing;
- b. Parking;
- c. Passenger Departure;
- d. Overtime;
- e. Hangar and Parking;
- f. Fuel Throughput Charge; and
- g. Air Navigation Facility Charge.

A charge for the use of navigational aids, including communications is levied on aircraft. By arrangement this charge is collected by the Central American Corporation for Air Navigation (COCESNA).

**BELIZE  
NATIONAL REGULATIONS AND REQUIREMENTS****CUSTOMS****ARRIVALS**

Upon arrival from abroad the commander of an aircraft shall cause to be delivered to the proper officer:

- a. General Declaration forms (6 in total) including crew names
- b. the documents constituting the customs clearance from the airport of departure, and if required the aircraft journey logbook
- c. a manifest of goods carried (in duplicate)
- d. a passenger manifest (in duplicate)
- e. a list of stores carried (in duplicate)

All passengers will present their luggage for inspection; and all goods and stores carried in the aircraft. Passengers, goods and stores to be carried on to a destination abroad may be exempted from this requirement.

**AIRCRAFT LANDING OTHERWISE THAN AT THE CUSTOMS AIRPORT**

If, due to unavoidable causes an aircraft is compelled to land at other than a customs airport, the commander:

- a. shall immediately report the landing to an officer, or to an officer of police, and on demand produce the aircraft's journey logbook;
- b. shall not, without the consent of an officer, permit any goods or stores to be unladen from, or any of the crew or passengers to depart from the vicinity of, the aircraft, and
- c. shall comply with any directions given by an officer with respect to goods or stores carried on board.

**DEPARTURES**

Before departure the pilot will deliver to the proper authorities:

- a. General Declaration including crew names
- b. the aircraft journey logbook
- c. a notice of intended departure and application for clearance (in duplicate)
- d. a manifest of goods carried (in duplicate)
- e. a passenger manifest (in duplicate)
- f. a list of stores laden at Belize and of stores remaining on board the aircraft (in duplicate)

These documents, when approved by the proper officer, constitute customs clearance and authority to depart.

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**BELIZE  
NATIONAL REGULATIONS AND REQUIREMENTS****SPECIAL NOTICES**

The CENAMER ATC Center, operated by COCESNA, keeps Belize ATC informed on movements of aircraft in the area. However, this does not relieve pilots from the responsibility of contacting Belize ATC when in Belize airspace. Pilots must radio Belize tower of intention to land. Navigation fees are charged to all aircraft overflying the territory of Belize, by COCESNA.

**AIRPORT OF ENTRY**

Belize City (Philip S.W. Goldson Intl)<sup>1</sup>

<sup>1</sup> Mon–Sun 1200–0000Z, excludes holidays.

COSTA RICA  
NATIONAL REGULATIONS AND REQUIREMENTS**PASSPORT**

A passport is usually required except as noted below.

**VISA**

Tourists must have a valid passport and a visa obtained from Costa Rican Consular Authorities abroad. Temporary visitors must have a valid passport except Canadian and U.S. visitors who can obtain a tourism card by presenting a birth certificate and a drivers license or other photographic Identity Card. Residents of other countries should confirm entry requirements with Costa Rican Authorities.

**HEALTH**

It is not required for the passengers that disembark to present vaccination certificates, except when they are coming directly from an area infected with cholera, yellow fever or smallpox.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

All flights to, from and over the territory of Costa Rica shall be carried out in accordance with the valid regulations of Costa Rica regarding civil aircraft.

All aircraft landing or departing the territory of Costa Rica must first land at or finally depart from an international airport.

**DESIGNATED AUTHORITIES****Civil Aviation Authority**

General Direction of Civil Aviation

Address: Ministry of Public Works and Transport

San José

Costa Rica C.A.

P.O. Box 5026-1000

Tel: (506) 2242-8000

Fax: (506) 2231-2107

Internet: [www.dgac.go.cr](http://www.dgac.go.cr)

**SCHEDULED FLIGHTS**

For international scheduled flights operated by foreign airlines into or in transit across Costa Rica, the following requirements must be met:

- a. The State of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement. Costa Rica is a part of both agreements.
- b. The airline must be eligible to make the flights under the provisions of a bilateral or multilateral agreement to which the state of the airline and Costa Rica are contracting parties, and

## COSTA RICA NATIONAL REGULATIONS AND REQUIREMENTS

must have a permit to operate into or in transit across Costa Rica. Applications for such permits must be submitted to the Director of Civil Aviation at the address shown above.

### Documentary Requirements for Clearance of Aircraft

The following aircraft documents must be presented by airline operators for clearance of aircraft on entry and departure to/from Costa Rica. All documents must follow the ICAO format as shown in the relevant appendices to Annex 9. They must be completed in legible handwriting and are acceptable when furnished in either English or Spanish. Visas are not necessary in connection with these documents.

- a. Name of the aircraft operator.
- b. Type of aircraft and registration.
- c. Dates and times of arrival and departure at the destination airport.
- d. The location of loading or unloading of passengers and/or cargo, whichever is the case.
- e. The purpose of the trip and the number of passengers, and/or the nature and amount of cargo.
- f. The name, address and type of business of the charterer, if applicable.

### Aircraft Documents Required (Arrival/Departure)

Required by	General Declaration	Passenger Manifest	Cargo Manifest
Immigration	1	1	nil
Customs	1	1	1

### Public Health Measures Applied to Aircraft

Aircraft arriving from foreign ports must be disinfected approximately (30) thirty minutes before arrival. This action should be carefully registered in the health section of the general declaration. The insecticide to be used for this procedure must be of the kind based on piretrina (Koooper Aerosol). If in special circumstances the Health authorities consider it necessary to make a second spraying while on the ground, they will permit the passengers and crew to disembark.

### NON-SCHEDULED COMMERCIAL FLIGHTS

An operator of a non-scheduled airline that makes a non-scheduled stop or makes refueling/maintenance stops in Costa Rica is not required to obtain prior authorization.

If an operator of a non-scheduled airline sets out to fly to Costa Rica for the purpose of transporting passengers, merchandise, or mail, it is necessary to obtain authorization from the Dirección General de Aviación Civil of Costa Rica not less than 48 hours in advance of anticipated landing. Authorization request should include the following information in the order shown.

- a. The name of the operator.
- b. Type of aircraft and registration.

**COSTA RICA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

- c. The dates and times of arrival and departure from the destination airport.
- d. The site or sites of embarkation or disembarkation of passengers and/or the nature and amount of cargo.
- e. The name, direction and branch of businesses of the charterer, if applicable.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS****NOTIFICATION OF ARRIVAL**

Information contained in the flight plan is sufficient notification of the arrival of an aircraft as long as the destination officials receive it prior to aircraft arrival.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**FEES**

Fees are assessed for the use and services of the airport. All passengers embarking at international airports for travel to other countries will be assessed before departure.

**AIRPORTS OF ENTRY**

Liberia (Daniel Oduber Quiros Intl) (1200/2359)<sup>3</sup>

Puerto Limon (Intl)<sup>1, 2</sup>

San Jose (Juan Santamaria Intl)

<sup>1</sup> Customs part time.

<sup>2</sup> Customs on request.

<sup>3</sup> Between 2359 and 0600 UTC and other aeronautical airport services should be coordinated well in advance with the Airport Administration at the telephone number 2668-1032 or 2668-1010.

EL SALVADOR  
NATIONAL REGULATIONS AND REQUIREMENTS**PASSPORT**

Required.

**Ordinary Passport (A) Visa Exempt; Diplomatic, Official and Service Passport (A) Visa Exempt – Do not require tourist card:**

Andorra, Antigua & Barbuda, Argentina and South Orkney Islands, Austria, Belgium, Canada, Chile—(Easter Island, Juan Fernandez Archipelago, St. Ambrosia Island, St. Felix Island), Costa Rica, Cyprus, Czech Republic, Denmark-Greenland, Estonia, Fiji, Finland, France—(Guadeloupe, French Guyana, French Polynesia, Martinique, New Caledonia, Reunion Islands), Germany, Greece, Hungary, Iceland, India, Ireland, Israel, Italy, Japan, Liechtenstein, Lithuania, Luxemburg, Malta, Monaco, Netherlands (Holland)—(Native from Netherland Antilles, Aruba, Bonaire, Curacao, Guadeloupe, Martinique, Saint Marteen, and other associated territories), New Zealand—(Cook Islands and Niue Islands), Norway—(Svalbard Archipelago and Jan Mayen Island), Panama, Paraguay, Poland, Portugal, Russia, Federation of—(Tatarstan), Saint Kitts—(Nevis), Saint Vincent—(Grenadines), San Marino, Sao Tome—(Principe), Saudi Arabia, Slovakia, Slovenia, South Africa, South Korea, Spain, Sweden, Switzerland, Trinidad & Tobago, Turkey, Ukraine, United Arab Emirates, United Kingdom of Great Britain—(Anguilla, Bermuda, Caicos Islands, Cayman Islands, Gibraltar and Malvinas (Falkland) Islands, Isle of Man, Macao, Montserrat, Northern Ireland, South Georgia, South Sandwich Islands, Territory of Guernsey, Territory of Jersey, Turkish Islands, Virgin Islands\*), United States—(Alaska, American Virgin Islands, Guam, Hawaii, North Mariana Islands, Puerto Rico), Uruguay, Vatican City.

\*Holders of a British passport native from Hong Kong in which reads “Nationality British” shall be given Visa (A) treatment. If the above is not indicated inside the British passport of those native from Hong Kong but instead reads “Overseas” the holder shall be given Consulted Visa (C) treatment.

International Agencies: Organization of American States – OEA; Organization of United Nations – ONU (UN); European Commission.

**Ordinary Passport (A) Visa Exempt; Diplomatic, Official and Service Passport (A) Visa Exempt – Require tourist card:**

Australia, Bahamas, Bahrain, Barbados, Belize, Brazil, Brunei Darussalam, Bulgaria, China—(Taiwan), Colombia, Croatia, Kuwait, Lithuania, Macedonia, Madagascar, Malaysia, Marshall Islands, Mexico, Qatar, Romania, Saint Lucia, Singapore, Solomon Islands, Tuvalu, Vanuatu.

**Ordinary Passport (B) Consular Visa or without consultation; Diplomatic, Official and Service Passport (A) Visa Exempt:**

Belarus, Bolivia, Cuba, Dominica, Dominican Republic, Ecuador—(Galapagos Islands), Egypt, Grenada, Guyana, Jamaica, Montenegro, Morocco (Kingdom of), Papua New Guinea, Peru, Philippines, Serbia, Suriname, Thailand, Venezuela—(Margarita Island).

**Ordinary Passport (C) Consulted; Diplomatic, Official and Service Passport (A) Visa Exempt:**

Haiti, Jordan (Kingdom of), Kenya, Pakistan (Islamic Republic of).



**EL SALVADOR  
NATIONAL REGULATIONS AND REQUIREMENTS**

**Ordinary Passport (B) Consular or without consultation; Diplomatic, Official and Service Passport (B) Consular or without consultation – Does not require tourist card:**

Azerbaijan, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, Comoros, Equatorial Guinea, Djibouti, Gabon, Gambia, Georgia, Guinea (Republic of), Guinea–(Bissau), Ivory Coast, Kazakhstan, Kyrgyzstan, Kiribati, Lesotho, Malawi, Maldives, Mauricio, Mauritania, Micronesia (Federated States of), Moldova (Republic of), Myanmar (Burma), Namibia, Nauru, Niger, Palau, Rwanda, Samoa, Senegal, Seychelles, Swaziland, Tanzania, Tajikistan, Togo, Tonga, Tunisia, Turkmenistan, Uganda, Uzbekistan, Zambia, Zimbabwe.

**Ordinary Passport (B) Consular or without consultation); Diplomatic, Official and Service Passport (B) – Require Tourist Card**

Cape Verde, East Timor, Nigeria, Oman, Sierra Leone, Somalia, Sri Lanka, Sudan, Syria, Vietnam, Yemen.

Entities or authorities recognized as State: Palestine Authority or National Palestine Authority (ANP) (Palestine); West Sahara, (Sahrawi Arab Democratic Republic RASD).

**Exception to the passport or visa requirement:**

The license or certificate of a crew member instead of a passport or visa for temporary admission to El Salvador is accepted with regard to flight crew members who are on scheduled service, who retain their licenses at embarking and disembarking, who remain at the airport where the aircraft has made the stop or within the limits of neighboring cities and who depart El Salvador on the same aircraft or on the next scheduled service. This provision also applies to a crew member who enters El Salvador by another means of transportation, with the purpose of joining an aircraft.

**Entry and Exit Card (TIE):**

An entry and exit card (TIE) is an international card for embarking and disembarking passengers not ICAO formalized. The card is generally completed by the passenger and serves to avoid delays in the dispatch of aircraft because when a passenger has entered or exited the country the immigration delegates will obtain from the card the required data for their respective controls.

**VISA**

Required.

Since 2005 El Salvador is part of the agreement to establish the Central America single visa for the free movement of foreigners among the Republics of El Salvador, Honduras, Guatemala, and Nicaragua, which define, according to the country of origin of the citizen wishing to visit El Salvador, Guatemala, Nicaragua and Honduras (CA-4), the type of visa for which to apply. Furthermore, the type of visa for which to apply to enter El Salvador or any other country of the CA-4, depends on the type of passport held. To determine the type of visa needed, see the approved visa list for CA-4. Additional requirements may exist. Please contact the appropriate authority to confirm information.

**Exception to the passport or visa requirement:**

Same requirements as for **PASSPORTS**.

**EL SALVADOR  
NATIONAL REGULATIONS AND REQUIREMENTS****HEALTH**

No health or vaccination certificates are required except for travelers arriving from areas infected with cholera, smallpox, or yellow fever.

**PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

No public health measures required for aircraft entering El Salvador except as follows:

Aircraft arriving from abroad may land at any international airport within El Salvador provided the aircraft has been disinfected approximately 30 minutes prior to arrival to the airport. This action must be properly registered in the health section of the general declaration.

The insecticide to be used is based on pirethrina (sumithrin). If under special circumstances the public health authorities require a second spray of the aircraft on ground, passengers and crew are permitted to disembark beforehand.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

All flights into, from, or over the territory of El Salvador, and landings in such territory, shall be carried out in accordance with the valid regulations of El Salvador relative to civil aviation.

All aircraft conducting international operations must first land at and finally depart from an international airport.

Landing rights will be denied to a flight in the air if prior permission has not been obtained.

**SCHEDULED FLIGHTS**

For international scheduled flights operated by foreign airlines to El Salvador or transiting through its territory, the following requirements must be met:

- a. The state of the airline must be a contracting party in an Agreement Relative to the Transit of International Air services and Agreements of International Air transport. El Salvador is a party to both Agreements.
- b. The airline must meet the conditions required to conduct flights within the provisions of a bilateral or multilateral agreement to which the State of the airline and El Salvador are contracting parties, and must have a permit to operate into or transit across the territory of El Salvador. Applications for such permits shall be submitted to:

Autoridad de Aviacion Civil (AAC) (Civil Aviation Authority)

Sub Direccion de Navegacion Aerea (Sub Division of Air Navigation)

Address:           Boulevard del Ejercito Km. 9 ½  
                  Contiguo Zona Franca San Bartolo  
                  Ilopango, San Salvador  
                  El Salvador, Centro America (Central America)  
Tel:               (503) 2565-4462  
                  PBX: (503) 2565-4400 Ext. 4462

## EL SALVADOR NATIONAL REGULATIONS AND REQUIREMENTS

Fax: (503) 2565-4478  
 E-Mail: mrodas@aac.gob.sv  
 Internet: www.aac.gob.sv  
 AFS: MSSSYAYZ MSSSYOYX

### Documentary Requirements for Clearance of Aircraft

The following documents must be submitted by airline operators for clearance on entry and departure of their aircraft to and from El Salvador. The documents must follow the ICAO standard format as set forth in the relevant *Appendices to Annex 9* and are acceptable when submitted in English, French, or Spanish and completed in legible handwriting. No visas are required in connection with such documents.

- Third party insurance policy,
- Export certificate or permit,
- Airworthiness certificate.

### Required Aircraft Documents (Arrival/Departure)

Required by	General Declaration	Passenger Manifest	Cargo Manifest
AAC	1	NA	1
Customs	1	NA	1
CEPA	1	NA	1
Quarantine	–	NA	–
Immigration	1	NA	–

Other documents required by AAC:

- Registration certificate
- Airworthiness certificate
- Third party liability insurance with coverage in El Salvador
- Pilot license and valid certificate
- Logbook (maintenance)
- Copy of the authorization message issued by the AAC
- Flight Plan from origin

*NOTE: If no passengers are embarking (disembarking) and no articles are laden (unladen), no aircraft documents need to be submitted, except copies of the General declaration.*

**EL SALVADOR  
NATIONAL REGULATIONS AND REQUIREMENTS****NON-SCHEDULED FLIGHTS****Procedures**

An operator who intends to conduct a (series of) non-scheduled flight(s) into El Salvador for the purpose of embarking or disembarking passengers, cargo or mail should request authorization from the Civil Aviation Authority (CAA) at least five (5) days in advance of the intended landing. Failure to comply will result in a fine in accordance with the provisions of the Ley Organica de Aviacion Civil (Organic Law of Civil Aviation). The application for authorization should contain the following information in the order shown:

- Name of the operator
- Name and license number of the pilot in command of the aircraft and crew
- Type of aircraft and registration marks
- Date and time of the estimated arrival and departure from El Salvador
- Airport of arrival/departure
- Purpose of flight
- Route
- Postal address of the operator

The application may be remitted as follows:

Civil Aviation Authority (CAA)

Address: Boulevard del Ejercito Km. 9 ½  
Contiguo Zona Franca San Bartolo  
Ilopango, San Salvador  
El Salvador, Central America

Fax: (503)-2564-4478

E-Mail: rmenendez@aac.gob.sv  
mrodas@aac.gob.sv

AFS: MSSSYAYX, MSSSYPYX

**Documentary Requirements for Clearance of Aircraft**

Same requirement as for SCHEDULED FLIGHTS.

Aircraft intending to enter with commercial purposes, in addition to the notification, must submit a copy of the given authorization by the AAC.

Military aircraft, even if they do not transport weapons or military equipment, will submit the respective request through the Ministry of Nation Defense. Said request must subsequently be sent to the AAC for coordination.

**EL SALVADOR  
NATIONAL REGULATIONS AND REQUIREMENTS**

In case of Hospital Aircraft (ambulances), Search and Rescue flights or Humanitarian Missions, the information contained in the flight plan, is considered as advance notice of arrival, as long as the reason is duly indicated in the corresponding box.

Foreign civilian aircraft overflying or landing in Salvadoran territory, on official mission, must apply for permission through the Ministry of Foreign Affairs, which will be forwarded to the AAC for the relevant coordination.

Civil aircraft with foreign registration that require to enter Salvadoran territory to overflight or land at an international airport can do so only by submitting their Flight Plan (FPL) through the AMHS System to the following addresses: MSSSYAYX, MSSSYOYX, MSLPYAYX, MSLPZPX, MSLPZTZX, MSSSZPX and MSSSZTZX.

Comply with the legal provisions established on requirements of: Customs, Immigration, Health and other applicable for the entry or exit of aircraft, passengers, merchandise and live animals through the country's international airports.

**PRIVATE FLIGHTS****Notification Prior Arrival**

All aircraft with foreign registration that enter Salvadoran territory to overfly and/or land at an International Airport may do so only by submitting its Flight Plan (FPL), through AFTN system, to the following addresses: MSSSYOYX MSSSYAYX, MSSSZTZX MSSSZPX, ICAO Document 4444, Air Traffic Management, Chapter 4.4.2.1.2.

Upon completion of the operation, the pilot must close the Flight Plan at an AIS office of the arrival airport and leave a copy at the office.

Military aircraft, official flights and aircraft of foreign government agencies (embassies) are not included.

**Documentation Requirements to Authorize Aircraft**

No additional documentation is required except as indicated in NON-SCHEDULED FLIGHTS.

**AIRPORTS OF ENTRY**

San Salvador (El Salvador Intl)<sup>1</sup>

San Salvador (Ilopango Intl)<sup>2</sup>

<sup>1</sup>Customs Part Time

<sup>2</sup>Daily 1200 to 0400 UTC; other hours prior coordination.

GUATEMALA  
NATIONAL REGULATIONS AND REQUIREMENTS**PASSPORT**

Required.

**VISA**

Not required for visits under 90 days.

**HEALTH**

The only requirement for aircraft crew and passengers who arrive and depart the country is an international vaccine certificate.

The corpses that need to enter the country should be accompanied by a death certificate, which states the cause of death and the embalment certificate.

There is no required public health measure with regard to aircraft entering the Republic of Guatemala, with the following exception: If the aircraft comes from a place or country affected by an epidemic, the corresponding health certificate will be required. In this case, the aircraft, crew, passengers and goods transported will be subject to the health provisions of the Republic and **PAN AMERICAN HEALTH CODE**.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

International flights to, from or overflying the territory of Guatemala are subject to the regulations of Guatemala concerning civil aviation. These regulations in essence follow the standards and recommended practices contained in Annex 9 to the Convention on International Civil Aviation.

An aircraft flying into the territory of Guatemala or departing from it will make its first landing or final departure from an international airport as listed in **AIRPORTS OF ENTRY**.

*NOTE: The aircraft must take off and land at public or private airports. This obligation does not apply in case of force majeure or in case of public aircraft exercising their specific functions. However in case of force majeure the nearest aviation authority shall be notified.*

**SCHEDULED FLIGHTS****General**

Scheduled flights operated by foreign airlines into Guatemala or transiting through its territory should meet the following requirements:

- a. To operate any international public transport air service, an air operator certificate and a document containing the specifications and operating limitations issued by the State of origin of the company is required. The certification or exploitation contract issued by the Civil Aviation of Guatemala in accordance with the civil aviation act, and the rules and regulations of civil aviation, must provide the following evidence:
  - Indication of the location to receive notification in Guatemala City.
  - Demonstration of registration as a foreign company in the Republic Mercantile Registry.

**GUATEMALA  
NATIONAL REGULATIONS AND REQUIREMENTS**

- Proof of the appointment of a legal representative duly registered in Guatemala.
- Information and documentation of the commercial service including: frequencies of flights, schedules, aircraft nationality, air freedoms requested, routes, policy or certificate of insurance covering civil liability, airworthiness certificate, registration certificate, lease of charter contract if the aircraft is not owned by the applicant, demonstration of financial capacity, proof of solvency for payments for services rendered by COCESNA.
- b. If the State of origin of the company has not signed a bilateral or multilateral Agreement of air services with Guatemala, a letter of reciprocity to the aviation authority must be submitted.
- c. Any documentation from abroad must contain the international law permits and its certified translation, if not in Spanish.

**General Directorate of Civil Aviation**

General Directorate of Civil Aviation

Address: 9 AV 14-75, Zone 13  
Ciudad de Guatemala,  
Centro América  
01013

Tel: (502) 2321-5000

Internet: [www.dgac.gob.gt](http://www.dgac.gob.gt)

AFTN: MGGTYAYX

**Documentation Requirements for Aircraft Authorization**

To obtain authorization for entry and exit of aircraft to and from Guatemala, operators must submit the aircraft documents listed below. All listed documents must follow the ICAO standard format as presented in the corresponding appendices of Annex and are acceptable when presented in Spanish and completed by hand with legible handwriting.

***Aircraft Documents Required (Entry/Exit)***

Required by Immigration: General Declaration, passenger and cargo manifest.

*NOTE: Any domestic or foreign aircraft must carry on board the following documents:*

- *Certificate of registration.*
- *Certificate of airworthiness.*
- *The appropriate licenses for each crew member.*
- *Logbook.*
- *If equipped with radio, the license of the aircraft radio station.*
- *If carrying passengers, a list with their names and places of embarkation and destination.*

## GUATEMALA

### NATIONAL REGULATIONS AND REQUIREMENTS

- *If carrying cargo, a cargo manifest and a detailed declaration of the cargo.*
- *If there is no embarking/disembarking of passengers or loading/unloading of cargo, it is not necessary to submit to the indicated authorities any aircraft document, except copies of the general declaration.*

## NON-SCHEDULED FLIGHTS

### Procedures

If an operator intends to undertake a flight or a series of non-scheduled flights in transit or make technical stops in the territory of Guatemala, the operator is required to obtain prior authorization.

If an operator intends to undertake a flight or a series of non-scheduled flights to the State of Guatemala for the purpose of embarking or disembarking passengers, cargo, or mail, the operator **should request authorization** from the **General Directorate of Civil Aviation**, La Aurora International Airport 9av. 14-75 Zone 13, with a minimum of **15 days** advance notice, and attach the following documentation:

- a. name of the operator;
- b. copy of Air Operator Certificate (AOC);
- c. make and type of aircraft;
- d. aircraft registration;
- e. times and dates of arrival and departure from the airport;
- f. place or places of embarking/disembarking passengers or cargo aboard, as applicable;
- g. purpose of the trip and number of passengers, or the nature and amount of cargo;
- h. name, address and branch business of the charterer, if applicable;
- i. requested routes;
- j. entry/exit flight number;
- k. airworthiness certificate;
- l. registration certificate;
- m. insurance policy with coverage in the territory of Guatemala and/or Central America that at least has civil liability coverage and/or damage to third parties; and
- n. current and valid licenses and medical certificates on board.

The Company intending to carry out non-scheduled flights whose traffic originates in Guatemala must present an insurance policy or bond that covers the passengers for non-fulfillment of the services agreed or agreed between the person and company that organize the trip and the passenger, for a minimum quantity in quetzals equivalent to US \$300.00 per seat.

### Documentation Requirements for Aircraft Authorization

Same requirements as for SCHEDULED FLIGHTS.



**GUATEMALA  
NATIONAL REGULATIONS AND REQUIREMENTS**

## **PRIVATE FLIGHTS**

### **Notification Prior Arrival**

For reasons of flight safety, a special permit is required, which can be obtained accessing the website [www.dgac.gob.gt](http://www.dgac.gob.gt), AIP/AIM link where the form GNA-001 can be downloaded and completed, submitted to the AIS section with 24 hours notice to the e-mail address [supervisoresais@dgac.gob.gt](mailto:supervisoresais@dgac.gob.gt) with the following scanned documentation attached:

- Form GNA-001 completed;
- Copy of the registration certificate;
- Copy of the airworthiness certificate;
- Insurance policy with coverage in the territory of Guatemala and/or worldwide that at least has civil liability coverage and/or damage to third parties.
- Pilot license, Certificate of Validity (if applicable) and Medical Certificate.

If the request is made after landing at La Aurora airport to expedite the process, a photocopy of the documents referred to above must be submitted to the AIM/ARO Office. **Make available to the AIM officers the original documents to be compared with the copies delivered.**

However after landing the pilot and/or Handling Agent responsible for the formalities should go to the AIM-ARO Office with the Original Documents and copies to pay for the corresponding Airport Charges.

Entry flights (remaining in the country up to a maximum of 15 days) must submit form AIS 16, which can be requested from the AIM/ARO office at La Aurora International airport and may enter the website [www.dgac.gob.gt](http://www.dgac.gob.gt) at the AIP/AIM link where form GNA-002 can be downloaded, completed, and submitted to the AIM unit with 24 hrs notice at [supervisoresais@dgac.gob.gt](mailto:supervisoresais@dgac.gob.gt) with the following documents attached:

- Form GNA-002 completed;
- Copy of the registration certificate;
- Copy of the certificate of airworthiness;
- Insurance policy with coverage in the territory of Guatemala and/or Central America that at least has civil liability coverage and/or damage to third parties.
- Pilot license, Certificate of Validity (if applicable) and Medical Certificate.
- Upon arrival you must present the AIM/ARO office a photocopy of the documents sent.

If the request is made after landing at La Aurora airport to expedite the process, a photocopy of the documents referred to above must be submitted to the AIM/ARO Office. **Make available to the AIM officers the original documents to be compared with the copies delivered. Make the aircraft available to the Ramp official to perform an internal and external visual inspection.**

Make the corresponding Airport Charges payments.

**GUATEMALA  
NATIONAL REGULATIONS AND REQUIREMENTS**

***Flight Plan Submission***

All operators operating within the National Territory of Guatemala upon submitting the Flight Plan at the Aeronautical Information Management (AIM) office with the domestic Flight Plan format should indicate in the remarks section the type of flight in question: (private, commercial, military, humanitarian aid, ambulance, charter, official, instruction, advertising, traffic pattern, recreation or tourism, work, parachuting drop, spraying, aerial photography) or, if applicable, the activity in question.

**Documentation Requirements for Aircraft Authorization**

No documents, other than those mentioned in SCHEDULED FLIGHTS, are required while the aircraft remains within Guatemala at least 15 days.

To carry out general aviation activities in any of its forms, individuals or legal entities should obtain an operation permit or a flight permit, which satisfies the requirements established in the civil aviation act rules.

Aircraft in the following situations are exempt from paying airport charges:

- a. State aircraft intended for military services, customs, police and the Directorate itself.
- b. landings by force majeure, due to technical or mechanical malfunctions.
- c. civil aircraft of any kind which are used in cases of disorderly conduct or state of emergency.
- d. In-flight aircraft which are required to return to the airport due to safety reasons, without a landing at other airports and provided that the reasons of flight safety invoked are justified according the General Directorate of Civil Aviation criteria.
- e. Aircraft in dangerous conditions making an emergency landing at the airport, provided that this airport has not been indicated in the flight plan.
- f. Aircraft in search and rescue, or emergency, but only if they are operating in compliance with such mission and authorized by the competent official from the General Directorate of Civil Aviation.
- g. Foreign state aircraft or aircraft in diplomatic mission, which are not operating as a commercial service, but are duly authorized by the Government of Guatemala under existing agreements or based on reciprocity.

**AIRPORTS OF ENTRY**

Flores (Mundo Maya Intl)

Guatemala City (La Aurora Intl)

**HONDURAS  
NATIONAL REGULATIONS AND REQUIREMENTS**

## **PASSPORT AND VISA**

### **IMMIGRATION REQUIREMENTS**

To enter the national territory, foreigners must complete the following requirements:

- Identify via valid travel documents (valid passport for at least three months, round trip ticket or ticket to continue the trip, immigration control pass (TIE), yellow fever vaccination for domestic and foreign travelers from Trinidad & Tobago, Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guyana, Guyana, Peru, Surinam, Venezuela, Paraguay and most African countries);
- Provide to immigration authorities the information they require (i.e., economic means, purpose of the trip, address in Honduras, immigration check according to the provisions established by the Direccion General de Migracion y Extranjeria [General Directorate of Immigration and Alien status]);
- Possess the qualifications required for the entry permit (i.e., not having been deported or expelled from Honduras, consular or consulted visa whenever appropriate, not having a record in the INTERPOL database, organized crime, international terrorism and other organizations of similar condition). Also, must take into account all causes and conditions established in article 81 of the Law of Immigration and Aliens;
- Consulted visa processes are binding on an interagency basis to the Direccion General de Migracion y Extranjeria [General Directorate of Immigration and Alien status], Relaciones Exteriores [Foreign Affairs], and Secretaria de Seguridad [Secretary of Homeland Security].

### **SOME IMMIGRATION EXEMPTIONS**

Nationals of CA4 countries can enter Honduras with their passport, accepted until the last day of validity, or identity card (Nicaragua), single identification document DUI (El Salvador), or residence card (Guatemala);

Foreigners residing in the territories of CA4 may move across such territories showing the residence card and current passport, accepted until the last day of validity;

Nationals from CA4 and foreigners residing in any of the territories can make use of exemptions traveling by air, sea and over land;

Foreigners residing in the territories of the CA4, regardless of nationality, are exempt from any visa to enter Honduras;

Foreigners category B (consular visa) who have U.S., Canadian, or Exchange visa, or who are residents of a country classified in category A (visa exempt) shall be given the treatment of visa exempt;

Foreigners category C (consulted visa) who have U.S., Canadian, or Exchange visa, or who are residents of a country classified in category A or B, shall be given category B treatment, which is to say they need a consular visa;

Foreigners with a pass are not permitted entry.

**HONDURAS  
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Crews of international transport (air, sea or ground), despite enjoying some exemptions, are obligated by the Ley de Migracion y Extranjeria (Immigration and Aliens law) to go through immigration when their stay is longer than 24 hours, showing a passport and visa where applicable;

The temporary stay of a foreigner is granted at the port of entry as follows: up to 90 days (except for transit travelers); after 90 days, the foreigner is entitled to a 30-day extension and then must exit the national territory.

A foreigner applying for permanent or temporary residency does not have to exit the country and is entitled to the necessary extensions while the respective decision is being issued and provided the foreigner is enrolled in the National Register of Foreigners, which for this purpose is kept by the Direccion National Institute of Migration.

**HEALTH****PUBLIC HEALTH REQUIREMENTS**

Passengers are not required to present certificates of yellow fever vaccination, except when coming directly from a region or nation with the disease.

**PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

Health measurements are not required with respect to aircraft entering Honduras, with the exception of aircraft coming from South America. Those aircraft require a special permit issued by SEPA (Servicio de Proteccion Agropecuaria (SEPA)/Secretaria de Agricultura) (Agricultural Protection Service (SEPA/Secretary of Agriculture).

Aircraft whose destination is any international airport in Honduras may land provided the aircraft has been disinfected about 30 minutes before arriving at the airport. This measure should be recorded properly in the health section of the General Declaration. The insecticide to be used is SITRACSUM.

If in special circumstances the authorities of Public Health consider that a second spraying should take place while on the ground, the passengers and crew will be permitted to disembark prior to the spraying.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

All flights to, from or over the territory of Honduras shall be conducted in accordance with the regulations prescribed by Honduras on civil aviation.

Aircraft that land or depart the territory of Honduras must first land or finally depart from an international airport.

**HONDURAS  
NATIONAL REGULATIONS AND REQUIREMENTS**

**DESIGNATED AUTHORITIES**

Honduran Civil Aeronautics Agency  
 Address: PO Box No. 30145  
           Tegucigalpa, M.D.C.  
           Honduras  
 Tel: (504) 2233 11 15  
 Fax: (504) 2233 16 22  
 E-Mail: direccion@ahac.gob.hn  
 Internet: www.ahac.gob.hn  
 AFTN: MHTGYAYX

**SCHEDULED FLIGHTS**

For regular international scheduled flights operated by foreign airlines into or in-transit across Honduras, the following requirements must be met:

- a. The State of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement. Honduras is a party to both agreements.
- b. The airline must be eligible to make the flights under the provisions of a bilateral or multi-lateral agreement to which the State of the airline and Honduras are contracting parties, and must have a permit to operate into or in transit across Honduras. Applications for such permits shall be submitted to:

The Legal Secretariat of the Honduran Civil Aeronautics Agency (AHAC) 500 meters North of the Air Terminal of Toncontin International Airport.

**Documentary Requirements for Clearance of Aircraft**

To obtain authorization of entry and exit of its aircraft to and from Honduras, it is necessary that the airline operators submit the aircraft documents listed below. All documents listed below must follow the ICAO standard format as set forth in the relevant *Appendices to Annex 9* and are acceptable when furnished in Spanish and completed in legible handwriting. No visas are required in connection with such documents.

- a. Customs Declaration
- b. Passenger Manifest (customs and Immigration)
- c. Cargo Manifest
- d. Registration Certificate
- e. Certificate of Airworthiness
- f. Pilots License
- g. Trip Log (Libro de Aborda)

**HONDURAS  
NATIONAL REGULATIONS AND REQUIREMENTS**

- h. Copy of the permit, and in the case of commercial transport aircraft conducting scheduled flights of mail, cargo and/or passengers, a copy of the authorization issued by the Direccion General.
- i. Flight plan from departure.

*NOTE: If passengers do not embark (disembark) and if no articles are laden (unladen), no aircraft documents except copies of the General Declaration need to be submitted to the above-mentioned authorities.*

**NON-SCHEDULED FLIGHTS**

An operator who intends to conduct a non-scheduled flight (or a series of non-scheduled flights) in transit through the territory of Honduras or to make technical stops in such territory may do so by submitting to the Honduran Civil Aeronautics Agency 24 hours in advance of conducting the flight (see DESIGNATED AUTHORITIES for address and telephone). The operator should not have to wait for confirmation; presenting a copy of the application will suffice.

An operator who intends to conduct a non-scheduled flight (or a series of non-scheduled flights) to Honduras with the purpose of embarking or disembarking passengers, cargo, or mail, should submit the application to:

The Legal Secretariat of the Honduran Civil Aeronautics Agency (AHAC) 500 meters North of the Air Terminal of Toncontin International Airport.

In order to obtain prior authorization from the office of the Secretary, it is required that the operator present his/her application to the respective Consul of Honduras, who will process it through the office of the Secretary of Foreign Affairs. The application must include the following information, in the order that subsequently appears:

- a. Name of the operator;
- b. Type of aircraft and registration markings;
- c. Name and nationality of the crew;
- d. Date and estimated time of arrival;
- e. Route;
- f. Class of payload transported (passengers, cargo);
- g. Commercial rights requested (origin and destination of the payload);
- h. Tariffs to be charged, if the payload originates within national territory.

The Honduran Civil Aeronautics Agency shall communicate to the interested party the resolution of SOPTRAVI, who will not grant the permit if another company which already has a certificate of operation or authorization to operate in Honduras may provide the service.

*NOTE: Operators of state aircraft who wish to overfly the territory of Honduras or land within it shall request permission through the Secretaria de Defensa y Seguridad Publica (Secretary of Defense and Public Security). If deemed necessary, Secretary when providing the permit, shall notify the Honduran Civil Aeronautics Agency for purposes of transit security.*

HONDURAS  
NATIONAL REGULATIONS AND REQUIREMENTS**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS****Prior Notification of Arrival**

For aircraft operating within the Central America area, the information contained in the flight plan is accepted as sufficient advance notification of the anticipated arrival with the requirement that the information shall be sent via AFS (MHTGZPZX) at least two (2) hours prior to the estimated time of departure of the aircraft.

Other aircraft outside the Central America area should send the application request for overflight permit using Form NAV-AIS/02, via fax, AFS, telephone or email at least 24 hours in advance.

*NOTE: The initial landing should be carried out at an international airport.*

**Instructions for Private Pilots Arriving at or Departing from Any International Airport**

All private pilots planning to conduct an international flight from any of the international airports and to remain parked at the Aero Club, Aviation Schools and Hangars should taxi through to the international apron for a safety, customs, and immigration check. This applies as well for arriving aircraft.

After completing the above, a private pilot shall proceed to continue with the flight plan or otherwise be authorized by the Control Tower to park at any of the above-mentioned places.

**Documentary Requirements for Clearance of Aircraft**

The same requirements as for SCHEDULED FLIGHTS.

Owners of foreign-registration aircraft or in lease or private service who have completed one (1) year or more of stay in the country shall not be granted permission to circulate in the country unless the SAR Servicio de Administracion de Renta (Income Management Service), expresses approval by written resolution or demonstrates to have authorization to stay in the country from the SAR.

**SPECIAL FLIGHTS PROCEDURES**

Operators and owners of commercial aircraft that have an operating certificate to operate in Honduras must obtain prior permission from the Honduran Civil Aeronautics Agency, for the commercial flights within their routes and outside their schedule.

The granted permission shall have a validity of 48 hours after the estimated departure time of the flight. The application shall be the same Flight Plan identified as special flights with a prefix to the flight number corresponding to that route. If the aircraft operates a ferry flight shall be identified as such (ferry) with the aircraft registration.

Operators or owners of commercial aircraft that do not have an operating certificate to operate in Honduras that wish to land in national territory with commercial purposes, shall obtain prior authorization from the Legal Secretariat of the Honduran Civil Aeronautics Agency (AHAC), sub-

## **HONDURAS NATIONAL REGULATIONS AND REQUIREMENTS**

mitting the application to the respective Honduras Consul, who will process it through the Secretaria de Relaciones Exteriores (Secretary of Foreign Affairs).

The application should contain the following data:

- Name of the operator;
- Type of aircraft and registration markings;
- Name and nationality of the crew;
- Date and estimated time of arrival;
- Route;
- Class of payload transported (passengers, cargo);
- Commercial rights requested (origin and destination of the payload);
- Call sign characteristics.

Operators of State aircraft wishing to overfly or land in the territory, shall request through the Secretaria de Relaciones Exteriores (Secretary of Foreign Affairs) the authorization from the Secretaria de Defensa (Defense Secretary). The Secretaria de Defensa upon granting the permit shall notify the Honduran Civil Aeronautics Agency, if appropriate, for purposes of transit security. Operators shall notify it through the same mean.

### **SPECIAL NOTICES**

Airlines wishing services outside the normal established hours of operation at MHTG, MHLC, MHLM and MHRO shall provide advance notice of these operations to the regional Head of Air Traffic Services, at the international airports Ramon Villeda Morales, Goloson and Juan Manuel Galvez according to the case, and Toncontin Intl to the Headquarters of Air Traffic.

On holidays, Saturdays, Sundays and outside office hours (1400–2200 except MHTG 15:00–23:00), should contact the Air Traffic Services Supervisor on duty of the airport to be used, who will make the necessary arrangements.

### **AIRPORTS OF ENTRY**

La Cieba (Goloson Intl) — 1200–0400 UTC

Roatan (Juan Manuel Galvez Intl) — Monday to Sunday 1200–0200 UTC

San Pedro Sula (Ramon Villeda Morales Intl) — 1200–0600 UTC

Tegucigalpa (Toncontin Intl) — 1200–0400 UTC



**MEXICO  
NATIONAL REGULATIONS AND REQUIREMENTS**
**PASSPORT**

Required, except for U.S. and Canadian citizens who can enter Mexico with an Original Birth Certificate and a picture ID. Passengers that do not disembark do not require a passport if arriving and departing on the same through flight. Passengers transferring to another flight, either national or international, will be asked to show immigration documents. Airline crewmembers in regularly scheduled service need only their license or crew certificate when remaining within the city limits of the arrival location and depart on a regularly schedule flight.

**HEALTH**

Arriving passengers must present a vaccination certificate, and in some cases, other health requirements depending on the country of origin.

**AIRCRAFT ENTRY REQUIREMENTS**
**GENERAL**

All flights to, from, overflying or landing in Mexican territory will be made in accordance with the valid regulations of the Dirección General de Aeronáutica Civil. A flight plan must be on file for all flights in Mexican territory.

All aircraft landing or departing Mexican territory must first land at or finally depart from an international airport as listed in AIRPORTS OF ENTRY.

**DESIGNATED AUTHORITIES**
**Civil Aviation**

Secretaría de Comunicaciones y Transportes

Address: Dirección General de Aeronáutica Civil  
Boulevard Adolfo Lopez Mateos Num. 1990  
Col. Los Alpes Tlacopac  
Del. Alvaro Obregon  
México, D.F.  
C.P. 01010

Tel: 57 23 93 00 Ext. 18000 or 18019  
57 23 94 00 Ext. 18000 or 18019

E-Mail: aargudin@sct.gob.mx

**Customs**

Secretaría de Hacienda y Crédito Público

Address: Administración General de Aduanas  
Av. Hidalgo Número 77, módulo 4, planta baja  
Col. Guerrero  
México, D.F.

**MEXICO  
NATIONAL REGULATIONS AND REQUIREMENTS**

C.P. 06300

Tel: 01 800 46 36 728  
52 28 34 36, 52 28 34 37, 52 28 34 39

Fax: 52 28 33 53

E-Mail: [aduana.mexico.usuariosweb2@sat.gob.mx](mailto:aduana.mexico.usuariosweb2@sat.gob.mx)

## **SCHEDULED FLIGHTS**

For regular international scheduled flights operated by foreign airlines into or in transit through Mexico, the following requirements must be met.

### **General Procedures**

The airline must meet the required conditions to conduct flights in accordance with the dispositions of a bilateral agreement of which the state of the airline and Mexico are contracting parties, and must have a permit to operate into or in transit across Mexico. Applications to obtain such permits must be submitted to:

Secretaría de Comunicaciones y Transportes

Address: Dirección General de Aeronáutica Civil  
Boulevard Adolfo López Mateos Num. 1990  
Col. Los Alpes Tlacopac  
Del. Alvaro Obregón  
Mexico, D.F.  
C.P. 01010

Tel: 57 23 93 00 Ext. 18100  
57 23 94 00 Ext. 18100

E-Mail: [jretamar@sct.gob.mx](mailto:jretamar@sct.gob.mx)

### **Documentary Requirements for Clearance of Aircraft**

It is necessary that the under-mentioned aircraft documents be submitted by the airline operators for clearance of their aircraft to enter or depart Mexico. The documents must follow the ICAO format as set forth in the relevant Appendices to Annex 9 and be written in clear, legible Spanish.

- Log books
- Registration certificate
- Airworthiness certificate
- License for each crew member
- List of passengers:

departure – 3 copies

arrival – 4 copies

**MEXICO  
NATIONAL REGULATIONS AND REQUIREMENTS**

- Cargo manifest:
 

departure – 3 copies
arrival – 4 copies
- General declaration:
 

departure – 3 copies
arrival – 4 copies

The operations official authorized by the D.G.A.C. and airline, or the pilot in command of the aircraft is responsible for providing:

Required by	General Declaration	Passenger Manifest	Cargo Manifest
Customs	1 Copy	1 Copy	1 Copy
Immigration	1 Copy	1 Copy	1 Copy
Airport Hqtrs	1 Copy	1 Copy	1 Copy
Health	1 Copy (Arr only)	1 Copy (Arr only)	1 Copy (Arr only)

If no passenger(s) is/are boarded or disembarked and no merchandise is loaded or unloaded, it is not necessary to present the aircraft documents, except for the general declaration, to the aforementioned authorities.

### **Public Health Measures Applied to Aircraft**

Public health measures are not applied with respect to aircraft entering Mexico, with the exception of aircraft that, because of their condition and origin, are necessary to apply these measures.

Aircraft arriving from foreign countries can land at any international airport in Mexico provided the aircraft has been disinfected approximately 30 minutes before arrival at the airport. If special circumstances the health authorities deem a second spraying is necessary on the ground, the passengers and crew may disembark beforehand.

## **NON-SCHEDULED FLIGHTS**

### **General Procedures**

If an operator intends to carry out a non-scheduled flight in transit, or is making stops that are not of a commercial nature in the territory of Mexico, he/she may do so by requesting permission one (1) day in advance. If an operator intends to perform a nonscheduled flight (or series of non-scheduled flights) into Mexico with the purpose of loading or unloading cargo or mail, he/she should request permission no less than five (5) working days in advance of the proposed landing from the:

Secretaría de Comunicaciones y Transportes

Address: Dirección General de Aeronáutica Civil  
Boulevard Adolfo López Mateos Num. 1990

**MEXICO  
NATIONAL REGULATIONS AND REQUIREMENTS**

Col. Los Alpes Tlacopac  
Del. Alvaro Obregón  
Mexico, D.F.  
C.P. 01010

Tel: 57 23 93 00 Ext. 18100  
57 23 94 00 Ext. 18100

E-Mail: jretamar@sct.gob.mx

The request should include the following information in the order shown:

- a. Name or social title, nationality, address and profession that the applicant is involved in.
- b. Route to be followed including origin and destination of each flight, intermediate stops, international airports of entry into, and departure from, Mexican territory.
- c. Type of chartering including purpose of trip.
- d. Type, nationality markings, registration number and date of the airworthiness certificate of the aircraft using the service.
- e. Names and nationality of the crew and their license.
- f. Price that is charged for the service (in Mexican currency).

The request for a non-scheduled flight should be accompanied by the following documents:

- a. Certified copy of the operator permit for public air service and the airworthiness certificate that the country of nationality has given the applicant.
- b. Copy of the contract between the company and user.
- c. Proof that the applicant has aeronautical maintenance service, ground support, air traffic control service, aeronautical and meteorological communications, and any other support services to air navigation that guarantees the safety of transport.
- d. The applicant has proof of insurance policies in accordance with the Varsovia Convention, or has contracted insurance with Mexican companies authorized to practice liability and transport insurance, or, has coverage with a foreign subsidiary company authorized to operate in Mexico.
- e. Proof that crew members licenses are in force.

All documents will also be sent to the Dirección De Tarifas, Maniobras y Servicios Conexos.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

MEXICO  
NATIONAL REGULATIONS AND REQUIREMENTS**PRIVATE FLIGHTS**

All air operations of general aviation with a final destination or stopover at any international airport of Mexico coming from territories abroad must enter the country under the following operation criteria:

When coming from abroad and the operator has a valid "Secure Flight Certificate" issued by the aeronautical authority, the operator may use any international airport of entry to the country in accordance with the paragraph below and will be subject to the level of inspection according to the risk profile determined by the "Secure Flight Certificate".

When coming from regions other than the Caribbean, Central or South America and the operator does not have a valid "Secure Flight Certificate" issued by the aeronautical authority, the operator may use any international airport of entry to the country and will be subject to the standard inspection determined by the competent authorities.

When coming from the Caribbean region, Central or South America and the operator does not have a valid "Secure Flight Certificate", the operator must only use Tapachula and Cozumel as airports of entry to the country, and will be subject to the standard inspection determined by the competent authorities. This requirement does not apply to State aircraft or general aviation aircraft that transport officials of the following rank: Head of State, Head of Government, Ministers, Vice-minister or special envoys with prior diplomatic notification.

The authorized international airports for landing when having a "Secure Flight Certification" are as follows:

MMAA, MMAN, MMCP, MMSL, MMCL, MMUN, MMCU, MMCZ, MMGL, MMHO, MMBT, MMMD, MMMZ, MMPR, MMQT, MMSD, MMTP, MMTJ, MMTO and MMVR.

All other general aviation aircraft with a final destination or stopover in any airport of Mexico coming from any other region of the world must land or take off from an international airport.

**FEES**

Mexico charges fees for the use of State Airports. Official Mexican sources should be consulted for updated fee schedules.

**AIRPORTS OF ENTRY**

The airports listed herein are for entry into or departure from Mexican territory.

Acapulco (Gen. Juan N. Alvarez Intl)

Aguascalientes (Jesus Teran Intl)

Bahias De Huatulco (Intl)

Cabo San Lucas (Intl)

Campeche (Alberto Acuna Ongay Intl)

Cancun (Intl)

Chetumal (Intl)

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**MEXICO**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Chihuahua (Gen. Div. P.A. Roberto Fierro Villalobos Intl)

Ciudad Del Carmen (Intl)

Ciudad Juarez (Abraham Gonzales Intl)

Ciudad Victoria (Gen Pedro Jose Mendez Intl)

Cozumel (Intl)

Culiacan (Intl)

Ensenada (Gen. Div. P.A.A.L. Salinas C. Intl)

Guadalajara (Miguel Hidalgo Intl)

Guaymas (Gen. Jose Maria Yanez Intl)

Hermosillo (Gen Ignacio Pesqueira Garcia Intl)

Ixtapa-Zihuatanejo (Intl)

La Paz (Gen. Manuel Marquez de Leon Intl)

Loreto (Intl)

Los Mochis (Valle del Fuerte Intl)

Manzanillo (Playa de Oro Intl)

Matamoros (Gen. Servando Canales Intl)

Mazatlan (Gen. Rafael Buelna Intl)

Merida (Lic. Manuel Crescencio Rejon Intl)

Mexicali (Gen. Rodolfo Sanchez Taboada Intl)

Mexico City (Lic. Benito Juarez Intl)

Minatitlan (Intl)

Monterrey (Del Norte Intl)

Monterrey (Gen. Mariano Escobedo Intl)

Morelia (Gen Francisco J Mujica Intl)

Nuevo Laredo (Quetzalcoatl Intl)

Oaxaca (Xoxocotlan Intl)

Piedras Negras (Intl)

Puebla (Hermanos Serdan Intl)

Puerto Escondido (Intl)

Puerto Penasco (Mar de Cortes Intl)

Puerto Vallarta (Lic Gustavo Diaz Ordaz Intl)

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Queretaro (Intl)  
Reynosa (Gen Lucio Blanco Intl)  
Saltillo (Plan de Guadalupe Intl)  
San Jose Del Cabo (Los Cabos Intl)  
San Luis Potosi (Ponciano Arriaga Intl)  
Tampico (Gen Francisco Javier Mina Intl)  
Tapachula (Intl)  
Tijuana (Gen Abelardo L. Rodriguez Intl)  
Toluca (Lic Adolfo Lopez Mateos Intl)  
Torreon (Intl)  
Veracruz (Gen Heriberto Jara Intl)  
Villahermosa (C.P.A. Carlos Rovirosa Intl)  
Zacatecas (Gen Leobardo C. Ruiz Intl)

**REENTRY INTO THE UNITED STATES**

Pilots of aircraft returning to the United States must comply with the requirements set forth in the following:

**Advance Report of Penetration of United States Airspace via Pacific Coast, U.S./Mexican Border or Gulf and Atlantic Coasts**

All private aircraft arriving in the United States via (a) the United States/Mexican border or Pacific Coast from a foreign place in the Western Hemisphere south of 33 degrees north latitude or (b) the Gulf of Mexico and Atlantic Coasts from a foreign place in the Western Hemisphere south of 30 degrees north latitude, from any place in Mexico, or from the U.S. Virgin Islands, shall furnish a notice of intended arrival to the Customs service at the *nearest* designated airport, to the point of first border or coastline crossing. They must land at this airport for inspection, unless they have an overflight exemption. Landing rights must be obtained from Customs to land at designated airports that are *not* also approved as International Airports.

The requirement to furnish an advance notice of intended arrival shall not apply to private aircraft departing from Puerto Rico and conducting their flights under Instrument Flight Rules (IFR) until crossing the United States coastline or proceeding north of 30 degrees north latitude prior to crossing the coastline. The notice must be furnished at least one hour before crossing the United States coastline or border. The notice may be furnished directly to Customs by telephone, radio, or other means, or may be furnished by means of an ADCUS message in the flight plan through the Federal Aviation Administration (FAA) to Customs. The FAA will accept these notices up to 23 hours in advance.

A one-hour advance notice of coastline or border penetration (but not landing) is required of private aircraft arriving in the continental United States from Puerto Rico that are *not* conducting

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NATIONAL REGULATIONS AND REQUIREMENTS

their flight on an IFR flight plan and those private aircraft that have flown beyond the inner boundary of the Air Defense Identification Zone (ADIZ) south of 30 degrees north latitude on the Atlantic Coast, beyond the inner boundary of the Gulf Coast ADIZ, south of the United States/Mexican border, or beyond the inner boundary of the Pacific Coast ADIZ south of 33 degrees north latitude which *have not landed in a foreign place*. This notice requirement may be satisfied by either filing a flight plan with the FAA and placing ADCUS in the remarks section of the flight plan or by contacting Customs directly at least one hour prior to the inbound crossing of the U.S. border or coastline.



NICARAGUA  
NATIONAL REGULATIONS AND REQUIREMENTS**PASSPORT**

Required.

**VISA**

Required for many countries. Check with Nicaraguan Embassy/Consulate.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

All flights to, from, or over the territory of the Republic of Nicaragua should be in accordance with the rules and regulations established by the Nicaraguan Institute of Civil Aviation and other existing laws on the subject.

Aircraft landing in or taking off from the country should make the first landing and last takeoff at Augusto Cesar Sandino Intl.

For flight crew members on scheduled flights that retain their licenses when embarking and disembarking, remain at the airport in which the aircraft has made the stop or within the limits of the neighboring cities, and depart Nicaragua on the same aircraft or on the next scheduled flight, their license or crew member certificate is accepted instead of a passport or visa for temporary admission in Nicaragua. This disposition is also applicable if the crew member is entering the territory of Nicaragua by another means of transportation with the purpose of joining an aircraft.

No departure formalities are required for embarking passengers.

**DESIGNATED AUTHORITIES****Civil Aviation Authority**

Instituto Nicaraguense de Aeronautica Civil (I.N.A.C.)

Address: KM 11 1/2 Carretera Norte  
Apartado P.O. Box 4936  
Managua  
Nicaragua

Tel: (505) 2276-8580/86

Fax: (505) 2276-8588

E-Mail: dg@inac.gob.ni

Internet: <http://www.inac.gob.ni>

AFTN: MNMGYOYX

**SCHEDULED FLIGHTS****General**

The international scheduled flights operated by foreign airlines into Nicaragua or transiting through its territory shall meet the following requirements:

## NICARAGUA NATIONAL REGULATIONS AND REQUIREMENTS

- a. The State of the airline must be a party to the agreement on the transit of international air services and/or international air transport. Nicaragua is a party to both agreements;
- b. The airline must complete the requirements for carrying out the flights under the provisions of a bilateral or multilateral agreement in which the State of the airline and Nicaragua are parties and must have an operating permit to fly to Nicaragua or pass in transit through Nicaragua. To obtain such permit, the request must be submitted to the Air Transport Directorate of the Nicaraguan Institute of Civil Aviation (INAC), Address: KM 11½ C. Norte Managua, Nicaragua. E-mail: dta@inac.gob.ni; estuiose@inac.gob.ni.

### Documentation Requirements for Clearance of Aircraft

To obtain authorization for entry and departure of their aircraft to and from Nicaragua, operators of commercial airlines, private and/or business, must submit the aircraft documentation. All documents must comply with the ICAO standard format as presented in the appendices corresponding to Annex 9 and must be acceptable when presented in Spanish and English and completed by legible hand. No visas are required in connection with such documents.

#### Required Aircraft Documents (Entry/Exit)

Required By	General Description	Passenger Manifest	Cargo Manifest	Health Declaration
Operations	1	-	-	-
Customs	1	1	1	-
Immigration	1	1	-	-
Statistical	1	1	1	-
Inspectors	1	1	1	-
Quarantine	1	-	-	-
Intl. Health Control	-	-	-	1

*NOTE 1: Customs endorse and return a copy of the general declaration, authorizing the dispatch.*

*NOTE 2: Without embarking (disembarking) passengers and no load (unload) any cargo, it is not necessary to submit to the mentioned authorities any aircraft document, except copies of the General Declaration.*

## NON-SCHEDULED FLIGHTS

### Procedures

If an operator intends to embark on a flight (or series of flights) non-scheduled in transit or to make stops in the territory of Nicaragua, the operator is required to obtain prior authorization by application sent via AFS MNMGYOYX or via the following e-mails: aisfpl86@gmail.com with copy

## NICARAGUA NATIONAL REGULATIONS AND REQUIREMENTS

to: aeronav@inac.gob.ni and also to the telefax (505) 2276-8588; Telephones / 2276-8580 to 86 ext. 1550.

If an operator intends to embark on a flight (or series of flights) non-scheduled to Nicaragua for the purpose of embarking or disembarking passengers, cargo or mail (passenger or cargo charter flights, extra flights), it is necessary to request with 24 hours advance notice (business days between 8:00 am to 1:00 pm) to the Air Transport Directorate of the Nicaraguan Institute of Civil Aviation (INAC), # Tel 22768580 ext. Fax (505) 2276-8588, institutional e-mail: dta@inac.gob.ni; facilitacion@inac.gob.ni; estuiose@inac.gob.ni.

The request for passenger or cargo charter flights must contain the following information in the order listed below:

- a. Name of the operator;
- b. Type of aircraft and registration marks;
- c. Date and time of arrival and departure of the destination airport;
- d. Embarking or disembarking passengers or cargo aboard, as applicable;
- e. Purpose of the trip and number of passengers, or nature and quantity of the cargo;
- f. Name, address and line of business of the charterer, if applicable; and
- g. Cargo Manifest.

### Documentation Requirements for Aircraft Clearance

Same requirements as for SCHEDULED FLIGHTS.

### PRIVATE AND/OR BUSINESS FLIGHTS (INTERNATIONAL GENERAL AVIATION – IGA)

The owner of any aircraft that wishes to overfly, land, in transit; technical stop or business flight within the Nicaraguan airspace should land at a pre-designated international airport. Aircraft with **Central American and November** registration should send the corresponding request 24 hours in advance and the flight plan within 1 (one) hour prior to the arrival of the aircraft to the care unit to private and official flights (**UNAVIO**) of Air Navigation Directorate from Monday to Sunday attended 24 hours to the Telephone #: (505) 2233-2908; 2276-8580 Ext. 1550/1560, e-mail: aisfpl86@gmail.com with copy to: aeronav@inac.gob.ni, aisvof@inac.gob.ni, aimaro@inac.gob.ni.

Aircraft with different registration than described above must send the overflight and/or landing request with 72 hours advance notice and the flight plan within 1 (one) hour prior to take-off.

Aircraft landing at Augusto Cesar Sandino International airport due to emergency, without IAC authorization, or have been rerouted due to fuel shortage, its departure or take-off will be authorized within a period of 72 hours.

The request for special flights with landings or departures from domestic airports, landing at Augusto Sandino International Airport proceeding to a domestic airport, must be sent with 5 days

## NICARAGUA NATIONAL REGULATIONS AND REQUIREMENTS

advance notice. The operator will previously coordinate with Immigration, Customs and National Police, then be authorized by the INAC according to the case.

In the case of requests for special flights mentioned in the previous paragraph, the operator should make corresponding arrangements with the Customs General Directorate 30 days in advance, in order to obtain a temporary Import permission with Re-export to the same state. Address: KM 4 ½ C. North Phone: 22493151/53 Fax: 22495729 email: [consultas@dga.com.ni](mailto:consultas@dga.com.ni)

First and last landing should be made only at Augusto Cesar Sandino International airport. Upon landing the flight plan must be closed at the AIS office, attached also to the flight plan the names of the passengers arriving and those departing if any onboard.

Applications sent that meet the above provisions are assigned a landing or overflight case number, a copy of the application must be presented on arrival at the AIS office and close the flight plan in person. It is mandatory to fill in the 13 (thirteen) fields of the AIS-PE-07 form with the flight data. Detailed as following:

The data to be included in the applications are:

- a. Date of the application
- b. Aircraft data
- c. Date of flight
- d. Type of flight
- e. UTC hours
- f. Route
- g. Destination and departure airports
- h. Departure data
  - i. Reason of the flight (tourist, official (government) charter, private, business or technical stop)
  - j. Aircraft operator
  - k. Origin and Destination
    - l. Company name (operator)
- m. Payment information for overflight and/or landing
- n. Attached documentation
- o. Name, nationality and identification of the crew
- p. Name, nationality and identification of passengers

The overflight or landing shall be denied if the boxes in the form are incomplete. Processing shall be initiated when the form AIS-PE-07 has all the correct and complete data. To overfly or land in the Nicaraguan airspace the user or operator must obtain a IAC number or it is considered a non-authorized flight; therefore no air traffic service will be provided and will be diverted to international waters. Comply with the times established in the paragraph above.

NICARAGUA  
NATIONAL REGULATIONS AND REQUIREMENTS

**Official** or **State** flights may land and/or overfly Nicaraguan territory after obtaining authorization from the Nicaraguan Institute of Civil Aviation requested through the Ministry of Foreign Affairs with not less than 72 hours notice. Tel # 2244-8047.

It is established the value of **ONE HUNDRED AMERICAN DOLLARS (\$100.00)** or its equivalent in cordobas to the official exchange rate at the time payment for those authorizations that involve making overflight and/or landing (**round trip**) operations, made by Private Operators, business, charter, or by foreign airlines which have no Operating Certificate issued by the Executive Branch of Nicaragua through INAC. This also applies to operators conducting overflight and/or landing operations made by foreign airlines that have an operating certificate issued by the Executive Branch through INAC involving seasonal operations.

For those operators under the modality of International General Aviation (**IGA**) who do not comply with the provisions established above shall pay one hundred percent (100%) of the additional cost of normal processing. Authorizations (**IAC**) for overflight and/or landing applications should be valid once the payment has been deposited into the INAC accounts (dollars): #100-109-159-22111, SWIFT: **BAPRNIMA**, name of (**INSTITUTO NICARAGUENSE DE AERONAUTICA CIVIL-INAC**) by the means established for it, for the totality of the applications and flights made.

**Documentation Requirements for Aircraft Clearance**

Applications for overflights and landings to Nicaragua should be accompanied with the following documents, presenting the originals on arrival:

- a. Current License and Medical certificate of the crew;
- b. Current Aircraft Documents;
- c. Certificate of Airworthiness;
- d. Certificate of registration;
- e. Insurance policy;
- f. Payment of overflight voucher;
- g. Passenger declaration or passenger list.

**HEALTH**

Yellow fever, cholera, or small pox certificates of vaccination are required of travelers arriving from infected areas.

**PUBLIC HEALTH MEASURES APPLICABLE TO AIRCRAFT**

Aircraft from abroad will be subject to a medical inspection upon arrival. The applicable supplementary health measures will apply to the aircraft while in flight or during a medical visit to an infected country, without prejudice to the international measures of health regulations that apply to aircraft arriving from infected areas.

All aircraft arriving from abroad to the Republic of Nicaragua must have been previously disinfected during flight. If the origin of the aircraft can cause the import of agents that cause the trans-

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**NICARAGUA  
NATIONAL REGULATIONS AND REQUIREMENTS**

mission of malaria or other mosquito-borne diseases or if the health authority is not satisfied with the fumigation carried on board, the health authority may again order disinfection.

The data for the Sanitary Aircraft General Declaration that reflect the health status on board and the disinfections shall be submitted to the health authorities on arrival.

Aircraft departing the Republic of Nicaragua to countries that have eradicated the mosquito *Aedes Aegypti* shall be disinfected upon departure.

**Aircraft General Declaration**

People on board who have a disease other than the effects of motion sickness or the consequences of an accident (including those presenting symptoms or signs of illness such as rash, fever, chills or diarrhea) and illness and disembarked during the trip. Any other onboard circumstance that could lead to spread of a disease. Details of each disinsection or sanitary treatments carried out during the trip (place, date, time and method). If no disinsection has been carried out during the trip, the details of the most recent disinsection should be annotated.

**FEES**

The following types of fees and charges may be assessed:

- a. Landing Fees
- b. Parking Charges
- c. Passenger Service Charge

**AIRPORTS OF ENTRY**

Managua (Augusto Cesar Sandino Intl)

PANAMA  
NATIONAL REGULATIONS AND REQUIREMENTS**PASSPORT**

Required.

**VISA/TOURIST CARD**

Required, except temporary visitors from Austria, Costa Rica, Denmark, Spain, Finland, Great Britain, Honduras, Iceland, Ireland, Norway, Sweden, Switzerland.

**HEALTH****PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

Decree 232 on November 8, 1979, regulates about public health measures for diseases transmissible in boat or aircraft to travel by the Republic of Panama.

All aircraft with destiny at airport in the Republic of Panama must adjust to the health measures prescribe by the foreign departure airport authority according with the regulations established in the International Sanitary Regulations, to avoid departing of infect persons or the introduction on board aircraft the possible agents of infection or vectors of diseases to perform quarantine.

Commander of aircraft with destiny of the Republic of Panama must inform by radio, as soon possible to Public Health Chief responsible for the landing place the suspicion or existence on board or any following diseases: ántrax, chancre, varicella, cholera, dengue, estreptocócica hemolytic infection, contagious impetigo, intestinal inflammation, leprosy, venereal linfogranaloma, measles, meningitis, meningocócica, pest, poliomyelitis, sitacosis, recurrent fever, pock syphilis, trachoma, tuberculosis, typhoid fever, yellow fever, SIDA, and other diseases characterized by fever or eruption in the skin.

It will require to disinfect into aircraft according procedure that determine the correspondent authority if these aircraft coming from territories or areas declared in epidemic diseases or that Health General Director considers necessary, even into our national territory, with the purpose to avoid the importation or propagation of vectors or diseases. The Public Health authority arranges the actualized list of countries or areas justly. The Ministry of Health will see to the maintenance of this disposition.

The inspection of quarantine of aircraft includes the following:

- a. Inspection of the aircraft, load, manifest and other documents to confirm the historical sanitary.
- b. Examination of the persons on board aircraft, their baggage, files to determine the presence or risk of introduction of transmissible diseases.
- c. Any other situation that Health Inspector from Public Health considers suspicion.

Public Health Inspector (quarantine) responsible must require from aircraft stay under control of quarantine until complete the measures authorized that are necessities to avoid to introduce or propagate a disease of quarantine or transmissible.

## PANAMA

### NATIONAL REGULATIONS AND REQUIREMENTS

#### GENERAL

All flights from, into or over the territory of Panama and landing in such territory shall be subject to the current with the regulations of the Republic of Panama, relating to civil aviation. Aircraft landing in, or departing from the territory of Panama must land at, or finally depart from an International Airport.

#### AIRCRAFT ENTRY REQUIREMENTS

**All private and non-scheduled commercial aircraft overflying or landing for non-commercial purposes** must provide at least 24 hours prior notice.

#### DESIGNATED AUTHORITY

Civil Aeronautical Authority, Panama

AUTORIDAD AERONÁUTICA CIVIL

Address: P.O. Box 0816-03073 or 0816-03187

Zona 5

Panama

Tel: (507) 501-9000

Fax: (507) 501-9487

#### SCHEDULED FLIGHTS

##### General

The regular international scheduled flights, operated by foreign airlines into, or in transit through Panama, must fulfill the following requirements:

- a. The State of the airline must be a party to the international air services transit agreement and/or the international air transport agreement. Panama is a party to both agreements.
- b. The airline must meet the required conditions to operate flights under the dispositions of a bilateral or multilateral agreement of which the State of the airline and Panama are contracting parties and must have a permit to operate into or pass in transit across Panamá. The applications to obtain such permits must be presented to the Civil Aeronautical Authority.

##### Documentary Requirements for Clearance of Aircraft

If is necessary that the under mentioned aircraft documents be submitted by airline operators for clearance on entry or departure of their aircraft to or from Panama. All documents listed below must be in ICAO standard format as set forth in the relevant appendixes to ICAO Annex 9, and are acceptable when furnished in Spanish, English or French and completed in legible handwriting. No visas are required in connection with such documents.



## PANAMA NATIONAL REGULATIONS AND REQUIREMENTS

### Aircraft Documents Required (Arrival/Departure)

Required by	General declaration	Passenger manifest	Cargo manifest	Postage letter
Operations	1	—	—	—
Statistics	1	1	1	—
Air Transport (inspectors)	1	1	1	1**
Customs	1	—	1	—
National Police	1	1	1	—
Judicial Police Technician	1	1	1	—
Immigration	1*	1	—	—
Quarantine	1	—	—	—
* not required for aircraft departure.				
** required for aircraft departure.				

**NOTE 1:** one copy of the general declaration is endorsed and returned by Customs, signifying clearance.

**NOTE 2:** if no passengers are embarking (disembarking) and no articles are laden (unladen), no aircraft documents excepts copies of the general declaration need be submitted to the above authorities.

## NON-SCHEDULED FLIGHTS

**Non-scheduled aircraft landing for commercial purposes** must obtain prior permission at least 72 hours prior to projected landing from the Civil Aeronautical Authority. All requests must include:

- a. Name of operator;
- b. Type of aircraft and identification marks;
- c. Date and time of arrival to, and departure from, Panama;
- d. Place or places of embarkation and disembarkation in the exterior, as the case may be, of passengers and/or freight;
- e. Purpose of flight and number of passengers and/or nature and amount of freight; and
- f. Name address and occupation of the operator.

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**PANAMA  
NATIONAL REGULATIONS AND REQUIREMENTS**
**PRIVATE FLIGHTS**
**Advance Notification of Arrival**

The operator or owner of a foreign private aircraft wishing to carry out landing operations, overflying and/or internal circulation in the Republic of Panama must comply with the following procedures:

- a. Landing and/or overflying: the operation must be notified to make the Department of Air Services of Civil Aviation Authority by completing and sending the "Notification of landing and/or overflying" form found on the website [www.aeronautica.qob.pa](http://www.aeronautica.qob.pa) of the Civil Aeronautical Authority of Panama.
- b. Internal circulation: once the aircraft is situated in the national territory and requires domestic flights, the captain or the operator must application before the Operations Department or Administration of airports of "Internal circulation". This internal circulation is valid for 30 days, at the end of which can apply for its renewal.

Any foreign aircraft coming toward the Republic of Panama, on the Ministry on official mission must have a permit granted by the Ministry of Exterior Relations. Such request will be received and processed by the Ministry and sent to the Civil Aeronautical Authority for its proper processing and control.

**Requirement of Document**

Documents which must be on board the aircraft:

- a. Certificate of registration
- b. Certificate of airworthiness
- c. Certificate approval of noise airworthiness
- d. Journey, Logbook
- e. Flight Manual
- f. Radio License
- g. The full aircraft insurance
- h. Any other document or requirement in the Regulation of Civil Aviation of Panama (R.A.C.P.) or normative Panamanian aviation.

Every pilot must have their License and Medical Certificate, Qualifications current and consistent with the aircraft operating. The requested documentation, do not relieve the captain of the aircraft to present to different authorities the documents required in the procedures of people and aircraft at airports.

**AIRPORTS OF ENTRY**

Balboa (Panama Pacifico) 1100–0300 UTC

Changuinola (Cap. Manuel Nino) VFR Only. 1100–2300 UTC. Other times on request

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**PANAMA  
NATIONAL REGULATIONS AND REQUIREMENTS**

David (Enrique Malek Intl) 1100–0300 UTC

Jose Ezequiel Hall 1100–2300 UTC

Panama City (Tocumen Intl)

Panama City (Marcos A. Gelabert Intl) 1100–0300 UTC

Rio Hato (Cap. Scarlett R. Martinez Intl) Sunrise – Sunset



# Entry Requirements

State Rules and Procedures -  
Caribbean

## ANGUILLA NATIONAL REGULATIONS AND REQUIREMENTS

Refer to Entry Requirements, E Caribbean States for requirements common to the Eastern Caribbean States of which Anguilla is a member. Exceptions are listed herein.

### PASSPORT AND VISA

Temporary visitors must also complete an ICAO E/D and be in possession of a valid passport, with the exception of the following nationals for whom existing official documents of identity such as a birth certificate or driving license is accepted in lieu:

- a. Proof of identity of nationals of Canada and USA (not applicable to Anguilla).
- b. Seaman's Book (traveling on duty) (not applicable to Anguilla).

VISAs are required except for:

- a. British subject being "Citizen of the United Kingdom and Colonies";
- b. Nationals of the Commonwealth of Nations, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Haiti, Iceland, Italy, Liechtenstein, Luxembourg, Netherlands, Norway, San Marino, Spain, Sweden, Switzerland, Tunisia, Turkey, Uruguay, USA, Venezuela (provided they hold return/onward tickets for next destinations and the Visa is for 30 days maximum);
- c. Holders of re-entry permits (not applicable to Anguilla);
- d. Passengers continuing their journey within 14 days, provided that they hold onward/return tickets to next destination (not applicable to Anguilla);
- e. Merchant seamen arriving to join a ship, or leaving by air on departing a ship;
- f. Transit passengers not leaving the airport;
- g. Nationals of Haiti continuing their journey within 24 hours. (For Anguilla: Nationals of Haiti arriving and departing on the same day).

### HEALTH

Refer to Entry Requirements, E Caribbean States for health requirements.

### AIRCRAFT ENTRY REQUIREMENTS

All arriving and departing aircraft are required to provide the Anguilla Air and Sea Ports Authority (AASPA) with a passenger and flight crew manifest.

Prior Permission Required for aircraft not registered in the UK or UK overseas territories.

Refer to Entry Requirements, E Caribbean States for operations requiring prior permission.

*Aircraft documents required (arrival/departure).*

	<b>Agency</b>	<b>General Declaration</b>	<b>Passenger Manifest</b>	<b>Cargo Manifest</b>
<b>Anguilla</b>	ATC	-	-	-

**ANGUILLA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

	<b><i>Agency</i></b>	<b><i>General Declaration</i></b>	<b><i>Passenger Manifest</i></b>	<b><i>Cargo Manifest</i></b>
	Customs	-	-	3 ARR/2 DEP
	Immigration	3 ARR/DEP	3 ARR/DEP	-
	Health	-	-	-

## FEES

In addition to the fees assessed for the use and services of the airport, each passenger departing for a foreign country is charged a fee. Lloyd Intl airport also charges a pollution fee for all jet-propelled aircraft and a surcharge for use of airport facilities outside normal working hours. Consult airport authorities for amounts and methods of payment.

## AIRPORT OF ENTRY

The Valley, Anguilla (Lloyd Intl) TQPF

## ANTIGUA NATIONAL REGULATIONS AND REQUIREMENTS

Refer to Entry Requirements, E Caribbean States for requirements common to the Eastern Caribbean States of which Antigua is a member. Exceptions are listed herein.

### PASSPORT AND VISA

Temporary visitors must also complete an ICAO E/D and be in possession of a valid passport, with the exception of the following nationals for whom existing official documents of identity such as a birth certificate or driving license is accepted in lieu:

- a. Proof of identity of nationals of Canada and USA;
- b. Seaman's Book (traveling on duty).

VISAs are required except for:

- a. British subject being "Citizen of the United Kingdom and Colonies";
- b. Nationals of the Commonwealth of Nations, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Haiti, Iceland, Italy, Liechtenstein, Luxembourg, Netherlands, Norway, San Marino, Spain, Sweden, Switzerland, Tunisia, Turkey, Uruguay, USA, Venezuela (provided they hold return/onward tickets for next destinations and the Visa is for 30 days maximum).
- c. Holders of re-entry permits;
- d. Passengers continuing their journey within 14 days, provided that they hold onward/return tickets to next destination;
- e. Merchant seamen arriving to join a ship, or leaving by air on departing a ship;
- f. Transit passengers not leaving the airport;
- g. Nationals of Haiti continuing their journey within 24 hours.

### HEALTH

Refer to Entry Requirements, E Caribbean States for health requirements.

### AIRCRAFT ENTRY REQUIREMENTS

Refer to Entry Requirements, E Caribbean States for operations requiring prior permission.

### AIRCRAFT DOCUMENTS REQUIRED (ARRIVAL/DEPARTURE)

The following documents must be submitted by airline and aircraft operators for clearance on entry and departure of their aircraft to and from Antigua.

Agency	General Declaration	Passenger Manifest	Cargo Manifest
ATC	—	—	—
Customs	1	—	—

**ANTIGUA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Agency	General Declaration	Passenger Manifest	Cargo Manifest
Immig.	1	—	—
Health	—	—	—

## FEES

Fees apply; consult airport authorities.

## AIRPORT OF ENTRY

St. Johns (V.C. Bird Intl)/TAPA



**ARUBA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## **PASSPORT AND VISA**

All visitors to Aruba must be in possession of a passport or other valid travel documents. Arriving passengers should present a completed E/D card.

Upon arrival in Aruba a tourist must have:

- a passport that is valid upon entry and for the duration of stay in Aruba. If the tourist holds a passport from a visa-required country (list A), he/she must have a valid visa sticker in his/her passport;
- a completely filled-in and signed Embarkation and Disembarkation card (ED-card);
- a valid return- or onward-ticket;
- the necessary documents for returning to the country of origin or to a country that he/she has the right to enter, for example a valid residence permit (temporary or permanent), a re-entry permit or a (entry) visa;
- if so requested, the tourist has to be able to prove to the satisfaction of the migration officer that he/she has a valid reservation for an accommodation in Aruba (e.g., hotel or apartment) or that he/she owns property in Aruba (a residence, condominium, apartment, timeshare apartment or a pleasure yacht moored in Aruba with a length of at least 14m (46 ft) measured at the nominal water line);
- if so requested, the tourist has to be able to prove to the satisfaction of the migration officer to dispose of adequate financial means to provide for hotel expenses (if applicable) and living expenses during his/her stay or that he/she has a declaration of guarantee from a legal resident of Aruba.

The final authorization for admission to Aruba remains with the migration officer at the border-crossing/port of entry. The migration authorities at the border-crossing/port of entry have the authority to grant or refuse admission. Admission can be refused if not all admission requirements are fulfilled by the time of entering Aruba or if the tourist has been blacklisted. **Holding a valid visa for Aruba does not guarantee entry to Aruba.**

## **DURATION OF ADMISSION**

The maximum period of time that a person can be admitted to Aruba as a tourist is 30 days. The total amount of days a person can stay in Aruba as a tourist cannot exceed 180 days per year.

### **Extension of Stay upon Entry**

Upon entry in Aruba, the following persons can apply for an extension of their stay for more than 30 days but not exceeding 180 days:

- nationals of the Kingdom of the Netherlands can request an extension of their stay for up to 180 consecutive days;
- nationals from the countries mentioned in list A and visa-required persons who are exempt from the visa requirement can request an extension of their stay for up to 180 consecutive days, if:

## ARUBA NATIONAL REGULATIONS AND REQUIREMENTS

- They have property in Aruba, i.e., a house, condominium, apartment, timeshare apartment or a pleasure yacht moored in Aruba with a length of at least 14m (46 ft) measured at the nominal water line. They must show proof of ownership of the property for a stay of up to 180 days.
- If they don't have property in Aruba, they must have a declaration of guarantee from a resident of Aruba who will act as guarantor for and be liable for any costs incurred during their stay. The guarantor in Aruba can download the declaration of guarantee from our website, follow the procedures to have it legalized and send it to the visitor abroad; the tourist can request for a stay of up to 90 days. Some restrictions may apply.
- The migration officer can grant an extension for up to 90 days if he is satisfied that the visitor has sufficient funds to cover his extended stay.

All tourists who apply for an extension of their stay beyond 30 days are required to have travel insurance (medical and liability) valid for the duration of the extended stay.

If a tourist wants to stay longer than the number of days granted by the immigration officer on the ED-card upon admission, he or she can apply at the office of DIMAS for an extension for up to 180 days if applicable. The form for a tourist stay extension can be downloaded from [www.dima-saruba.aw](http://www.dima-saruba.aw). An application for an extension of stay can be filed at the DIMAS from Monday to Thursday, from 7:30am to 11:30am and 2:30pm to 4:00pm and on Friday from 7:30am to 11:30am. There is no filing fee for a tourist extension application. **Staying longer than the number of days granted by the immigration officer without asking for an extension can have negative consequences for future admission to Aruba.**

The following documents have to be presented:

- original application form for extension of tourist stay;
- copy of the profile page and all the written and stamped pages of the petitioner's passport, valid for at least another 3 months when the extension is applied for;
- if applicable, a copy of his/her visa to enter Aruba;
- copy of Embarkation-Disembarkation card (ED-card);
- copy of valid return ticket;
- copy of travel insurance (medical and liability) valid for the duration of the extended stay;
- if the petitioner is not staying at his own private residence or at a hotel/resort, he/she will need a resident of Aruba to act as guarantor for their stay.

**Anyone wanting to stay longer than 180 days in Aruba will need a residence permit and will not be considered a tourist.**

### LIST A — NATIONALS WHO NEED A VISA TO TRAVEL TO ARUBA

Nationals of one of the following countries need a visa to travel to Aruba:

**ARUBA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Afghanistan	Guinea-Republic	Palestina National Authority
Algeria	Haiti	Papua New Guinea
Angola	India	Philippines
Armenia	Indonesia	Qatar
Azerbaijan	Iran	Rwanda
Bahrain	Iraq	Russian Federation
Bangladesh	Jamaica	Samoa
Belarus	Jordan	Sao Tome and Principe
Benin	Kazakhstan	Saudi Arabia
Bhutan	Kenya	Senegal
Bolivia	Kiribati	Sierra Leone
Botswana	Kuwait	Solomon Islands
Burkina Faso	Kyrgyzstan	Somalia
Burundi	Laos	South Africa
Cambodia	Lebanon	Sri Lanka
Cameroon	Lesotho	Sudan
Cape Verde	Liberia	Swaziland
Central African Rep.	Libya	Syria
Chad	Madagascar	Taiwan
China	Malawi	Tajikistan
Comoros	Maldives	Tanzania
Congo (Brazzaville)	Mali	Thailand
Congo (Kinshasa)	Marshall Islands	Togo
Cote d'Ivoire	Mauritania	Tonga
Cuba	Micronesia	Tunesia
Djibouti	Mongolia	Turaku
Dominican Rep.	Morocco	Turkey
East Timor	Mozambique	Turkmenistan
Egypt	Myanmar	Tuvalu
Equatorial Guinea	Namibia	Uganda
Eritrea	Nauru	Ukraine

## ARUBA

### NATIONAL REGULATIONS AND REQUIREMENTS

Ethiopia	Nepal	Uzbekistan
Fiji Islands	Niger	Vanuatu
Gabon	Nigeria	Vietnam
Gambia	North Korea	Yemen
Georgia	Northern Mariana	Zambia
Ghana	Oman	Zimbabwe
Guinea	Pakistan	
Guinea-Bissau	Palau	

#### Visa-Required Persons Exempted from the Visa Requirement

The following persons, who normally require a visa, are exempt from this requirement:

- Holders of a valid residence permit (temporary or permanent) from:
  - another part of the Kingdom of the Netherlands;
  - the United States of America;
  - Canada;
  - the Schengen Territory;
  - United Kingdom;
  - Ireland.
- Bolivian, Chinese, Cuban, Dominican, Haitian, Indian, Jamaican, and Peruvian nationals who are holders of a valid multi entry visa for the United States of America, Canada, United Kingdom or Ireland;
- **All** nationals who are holders of a valid multi entry visa for the Schengen Territory (Schengen Visa);
- Those who are continuing (in transit) to a third country within 24 hours or within the same day by aircraft, and who are holding tickets with reserved seats and all documents required for onward journey;
- Those who arrive by aircraft to board a cruise ship or vice versa (in transit) for a period not exceeding 24 hours;
- Cruise ship passengers if they disembark in Aruba as part of their cruise, for a period not exceeding 24 hours;
- Children younger than 12 years if they are traveling with a parent or guardian;
- Holders of a diplomatic passport who are nationals of Bolivia, Chad, Indonesia, Jamaica, Malawi, Morocco, Pakistan, Peru, Russian Federation, Senegal, Serbia, Thailand, Ukraine, Tunisia or Turkey;

## ARUBA NATIONAL REGULATIONS AND REQUIREMENTS

- Holders of a service passport who are nationals of Bolivia, Indonesia, Jamaica, Malawi, Morocco, Peru, Thailand, Tunisia or Turkey;
- Holders of passports or laissez passer issued by the IMF, the World Bank, the United Nations or one of its agencies;
- Crew members of vessels or aircrafts mooring or landing in Aruba for commercial purposes who don't pose a threat to the public order and safety of the island or the Kingdom of the Netherlands. This category is exempt from the visa requirement for a period of admission of up to 48 hours.

Visa-required tourists need to apply for and have a visitor visa **before** coming to Aruba. The visa must be applied for in person at an embassy or consulate of the Kingdom of the Netherlands (diplomatic mission). In some countries certain approved travel agencies can apply for a visa on behalf of their customers.

For more information about the visa requirements, to apply for a visa for Aruba, and for information on appointments/opening hours, the tourist can contact a consulate or embassy of the Kingdom of the Netherlands in his country of residence or visit the websites of the Embassy or consulates concerned. For address information and websites of Dutch diplomatic missions abroad, visit the website of the Ministry of Foreign Affairs, <http://www.government.nl/issues/embassies-consulates-and-other-representations/contents>.

## TRANSIT PASSENGERS AND CREWMEMBERS

No documents are required of passengers and crewmembers arriving and departing on the same through flight or transferring to another flight.

## HEALTH

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with ebola, cholera, yellow fever, chicken pox or smallpox.

## AIRCRAFT ENTRY REQUIREMENTS

### GENERAL

International flights into, from or over Curaçao, Aruba and Bonaire shall be subject to the current regulations relating to civil aviation as laid down in the Civil Aviation Act PB 2001 nr. 151. These regulations correspond in all essentials to the Standards and Recommended Practices contained in ICAO Annex 9 to the Convention on International Civil Aviation.

All flights into, from the territory of Aruba and landing in such territory shall be carried out in accordance with the valid regulations of Aruba regarding air navigation.

Aircraft landing in or departing from territory of Aruba must first depart from or finally land at Aeropuerto Internacional Reina Beatrix.

**ARUBA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## **DESIGNATED AUTHORITIES**

Department of Civil Aviation

Aruba Civil Aviation Authority

Address: Sabana Berde 73-B

Oranjestad

Aruba

Tel: (297) 523-2665

Fax: (297) 582-3038

E-Mail: dca@dca.gov.aw

AFS: TNCAAYYX

## **SCHEDULED FLIGHTS**

For regular international scheduled flights operated by foreign airlines into or in transit across Curaçao FIR, Aruba CTR or St. Maarten TMA, the following requirements must be met:

- a. The State of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement. The Kingdom of the Netherlands is a party to both agreements.
- b. The airline must be eligible to make the flights under the provisions of a bilateral or multi-lateral agreement to which the State of the airline and Aruba are contracting parties, and must have a permit to operate into or in transit across Aruba. Applications for such permits shall be submitted to:

Department of Civil Aviation Aruba

Address: Sabana Berde 73-B

Oranjestad

Aruba

Tel: (297) 523-2665

Fax: (297) 582-3038

E-Mail: dca@dca.gov.aw

AFS: TNCAAYYX

## **Documentary Requirements for Clearance of Aircraft**

It is necessary that the under mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from Aruba. All documents listed below must follow the ICAO standard format as set forth in the relevant *Appendices to Annex 9* and are acceptable when furnished in English or Spanish and completed in legible handwriting. No visas are required in connection with such documents.

## ARUBA NATIONAL REGULATIONS AND REQUIREMENTS

### Commercial Flights

Required by		General Declaration	Passenger Manifest	Cargo Manifest
Customs	arr	1		
	dep	1	1	1
Immigration	arr	1		
	dep	1	–	1

### General Aviation

Required by		General Declaration	Passenger Manifest	Cargo Manifest
Customs	arr	1		
	dep	1	1	1
Immigration	arr	1		
	dep	1	–	1

#### NOTE:

- a. *One copy of the General Declaration is endorsed and returned by Customs, signifying clearance;*
- b. *If no passengers are embarking (disembarking) and no articles are laden (unladen), no aircraft documents except copies of the General Declaration need be submitted to the above-mentioned authorities;*
- c. *Separate documents to be submitted to customs for each of the following categories:*
  1. *cargo being unladen at the airport where the aircraft has landed;*
  2. *direct transit cargo;*
  3. *transit cargo on other flights.*

### NON-SCHEDULED FLIGHTS

- a. If an operator intends to carry out a (series of) non-scheduled flight(s) making non-traffic stops in the territory of **Aruba** he must obtain prior permission from the Department of Civil Aviation Aruba.
- b. If an operator intends to perform a (series of) non-scheduled flight(s) into **Aruba CTR** for the purpose of taking on or disembarking passengers, cargo or mail, he shall apply to the Department of Civil Aviation Aruba, Sabana Berde 73-B, for permission to carry out such operations not less than Five (5) working days in advance of the intended flights. The application must include the following information:
  1. name of operator;
  2. type of aircraft and registration marks;

**ARUBA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

3. date and time of arrival at, and departure from Aruba;
4. place or places of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight;
5. purpose of flight and number of passengers and/or nature and amount of freight;
6. name, address and business of charterer, if any;
7. a copy of the insurance certificate with amounts covering liabilities according to international guidelines.
8. airworthiness certificate;
9. registration certificate;
10. a copy of the operating certificate issued by the State of registry;
11. name and address of the ground handler at the airport(s) in Aruba.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

Pilots or operators who are not in possession of a landing/uplift permit in writing, issued by the Civil Aviation Authorities of Aruba, shall neither be permitted to put down and/or take on passengers nor load and/or off-load freight or mail.

**PRIVATE FLIGHTS**

**Advance Notification of Arrival**

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft. Such information must be transmitted so that it will be received by the public authorities concerned at least two hours in advance of arrival; the landing must be carried out at a previously designated international airport.

It is prohibited to transport passengers, mail or cargo for remuneration or hire on private flights.

**Special Flights**

For reasons of flight safety, special permission in addition to the filing of a flight plan is required under the following circumstances: Acrobatic flights, air displays, survey flights using drones, UAV, banner towing, and parachute jumping.

Application for special permission must be submitted to the Directors of the respective Civil Aviation Authorities at least 14 days in advance of the entry into the airspace over Curaçao, Aruba, St. Maarten, Bonaire, St. Eustatius or Saba.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS in the case of an aircraft remaining within Aruba for less than 60 days. For a stay beyond 60 days, a “carnet de passages en douane” will be accepted in lieu of a bond or of any other financial guarantee.



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**ARUBA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

No public health measures are required to be carried out in respect of aircraft entering Curaçao FIR, Aruba CTR or St. Maarten TMA, unless otherwise prescribed by the appropriate authorities.

When so required by the public health authorities, aircraft arriving from any infected region or state may land at any international airport in Aruba CTR provided that the aircraft has been disinfected approximately thirty minutes before arrival at the airport. This action, including the insecticide used, must be properly recorded in the Health Section of the General Declaration. If, in special circumstances, a second spraying of the aircraft to be carried out on the ground is deemed necessary by the public health authorities, passengers and crew are permitted to disembark beforehand.

## **FEES**

Fees and charges are assessed for the use and services of the aerodrome and are payable upon demand, or before the aircraft departs the aerodrome. Passengers are assessed an Airport Tax upon departure.

## **AIRPORT OF ENTRY**

Aruba I (Oranjestad) Reina Beatrix Intl (1100-0400 UTC)

**BAHAMAS  
NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT**

Entry requirements for The Bahamas differ slightly depending upon place of birth, length of stay, and items accompanying the passenger. Each person entering The Bahamas requires a passport, return or onward journey ticket, and proof of funds to support the traveler during the visit, except:

**a. United States Citizens****1. National citizens**

- (a) Passports must be current.
- (b) Original birth certificate (or certified copy with raised seal) and official photo identification (driver's license or voter's registration card) is no longer accepted.

**2. Naturalized citizens must have current passport.****3. Alien Residents of the United States must be in possession of a current national passport along with their US Alien Registration Card.****b. Canadian Citizens****1. National citizens**

- (a) Passports must be current.
- (b) Original birth certificate (copy not acceptable) for visits up to 21 days is no longer accepted.

**2. Permanent residents must be in possession of a valid Canadian Permanent Resident Card along with a valid travel document.**

Landed immigrants must be in possession of a current national passport along with their Landed Immigration Record Form 1000.

**c. United Kingdom Citizens**

- 1. Passports must be current.
- 2. Official photo identification in lieu of a passport is not accepted.

**HEALTH**

Disembarking passengers are not required to present vaccination certificates.

Temporary health formalities may be applied to meet unforeseen situations. These measures will be notified by NOTAM.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

Civil flights into, from, or over The Bahamas territory shall be subject to the current Commonwealth laws and regulations relating to civil aviation.

An aircraft shall not fly in or over the Bahamas unless it is registered in:

**BAHAMAS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

- a. Any State (including The Bahamas) which is party to the Convention or International Civil Aviation, or
- b. Some other country in relation to which there is in force an agreement between the Government of The Bahamas and the Government of that country which makes provision for the flight over The Bahamas of aircraft registered in that country.

An aircraft shall not fly in or over The Bahamas unless a certificate of airworthiness has been duly issued or rendered valid, and is in force, under the law of the country in which the aircraft is registered, and any conditions to which the certificate is subject are in compliance.

The following requirements must be met by all flights operating into, from, or over The Bahamas:

- a. An aircraft registered in The Bahamas shall, when in flight, carry documents in accordance with Civil Aviation (Air Navigation) Regulations, 2001. However, if the flight is intended to begin and end at the same airport and does not include passage over the territory of any country other than The Bahamas, the documents may be kept at the airport instead of being carried in the aircraft.
- b. An aircraft not registered in The Bahamas shall not fly in or over Bahamian territory unless it carries all documents that it is required to carry under the law of the country in which it is registered.

To act as a pilot of a civil aircraft:

- a. Of Bahamian registry, a pilot shall have in his or her possession or readily accessible in the aircraft a valid pilot license or special purpose authorization issued under Schedules 1 and 8 of the Civil Aviation (Air Navigation) Regulations, 2001.
- b. Of foreign registry within The Bahamas, a pilot shall be the holder of a valid pilot license and have the license in his or her possession or readily accessible in the aircraft.

Aircraft flying into or departing from The Bahamas territory shall make their first landing at, and final departure from, an international airport.

All aircraft operations, unless the pilot in command is in possession of written authorization from the Minister of Tourism and Aviation to operate otherwise, shall operate from designated registered or licensed airports. Such registration or license must be appropriate, in addition to the airport dimensions, to the particular type of operations desired.

**Nighttime Airport Operations**

- a. No aircraft shall takeoff or land at any airport in The Bahamas between the hours of sunset and sunrise unless that airport has been designated by the General Manager of BANSD as being available for takeoffs and landings between the hours of sunset and sunrise.
- b. An airport is considered closed between the hours of sunset and sunrise.
  - 1. Requests permission to land or takeoff is obtained from the Manager ATM operations or Chief Operations Officer in charge of operations during the hours 9AM to 5PM Mon–Fri and from Watch Supervisor on duty holidays, weekends and after 5PM weekdays.

**BAHAMAS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

2. Requests shall be made for individually identified aircraft operations at a specific airport. Requests for multiple aircraft or multiple airports require additional coordination.
3. Request should be made at least 8 hours in advanced prior to intended flight.
- c. ATS will accept information on an inbound flight from an adjacent ATS facility to a closed airport only after receiving the following information from the aircraft operator:
  1. Written permission was received from the Manager ATM operations, Chief Operations in charge of operations or the Watch Supervisor on duty prior to dispatch of the aircraft.
  2. Arrangements with the following persons/agencies, as required, have been coordinated and appropriate procedures will be adhered to:
    - (a) Customs Department
    - (b) Department of Immigration
    - (c) Aeronautical Flight Information Service
    - (d) Airport Superintendent
    - (e) Airport Security Department
  3. Coordination to make the airport ready to accept the flight has been completed with personnel/agencies at the airport of intended landing.
- d. Airport owners/operators shall take necessary measures to prohibit takeoffs and landings at airports considered closed between the hours of sunset and sunrise. Obstructions placed on a runway must be lighted and require General Manager of BANSND authorization.
- e. All expenses for takeoffs and landings at a closed airport between the hours of sunset and sunrise shall be borne by the person/agency requesting such operations.
- f. Aircraft operators, in the event of an emergency, may land at an airport closed to takeoffs and landings between the hours of sunset and sunrise. The aircraft operator shall, within 48 hours of the emergency landing, provide a written report to the General Manager of BANSND and to Air Accident Investigation Department explaining the circumstances concerning the emergency landing.

**Visual Flight Rules (VFR) Flying at Night**

- a. All aircraft flying between the hours of official sunset and sunrise (night) within The Bahamas airspace shall be flown in accordance Instrument Flight Rules (IFR).
- b. A VFR flight shall not commence if termination of the operation is known or expected to occur after official sunset.
- c. The General Manager of BANSND may grant prior written approval for specific VFR night flying operations.

**Closed Airports**

The Governor General may close any airport within The Bahamas for any reason and for any period deemed to affect the public interest.

**BAHAMAS  
NATIONAL REGULATIONS AND REQUIREMENTS****DESIGNATED AUTHORITIES****Civil Aviation**

General Manager of BANSD

Address: Bahamas Air Navigation Services Division  
J.L.Center  
Blake Road off John F. Kennedy Drive  
P.O. Box N 975  
Nassau, N.P.  
Bahamas

Tel: 1-242-397-4700

Fax: 1-242-326-3591

**Air Traffic Services**

Air Traffic Services

Address: Lynden Pindling International Airport  
P.O. Box N 975  
Nassau, N.P.  
Bahamas

Tel: 1-242-377-2003/2004/2005

Manager ATM Operations: 1-242-377-2009/2004/2005

Chief Operations Officer OPS: 1-242-377-2008/2004/2005

Watch Supervisor ATS: 1-242-377-7108/377-7116

Fax: 1-242-377-2166/377-2375

**Customs**

Comptroller of Customs

Customs Department

Address: Customs House  
Thompson Blvd.  
P.O. Box N 155  
Nassau, N.P.  
The Bahamas

Tel: 1-242-325-6550

1-242-326-4401/6

Fax: 1-242-322-6223

**BAHAMAS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

**Health**

Minister of Health

Address: Meeting Street  
P.O. Box N 3729 or 3730  
Nassau, N.P.  
The Bahamas

Tel: 1-242-502-4700/9

Fax: 1-242-502-4874  
1-242-323-3535

**SCHEDULED FLIGHTS****General**

The following requirements must be met by international scheduled commercial flights operated by foreign airlines into or transiting The Bahamas.

- a. The State of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement, or
- b. The airline must be eligible to make the flights under the provisions of a bilateral or multilateral agreement to which its State and The Bahamas are contracting parties. The airline must receive a permit from The Bahamas prior to commencement of operations. Permit application shall be submitted through the General Manager of BANS. Accepted flight plans are required in addition to permit approval.

Prior permission, other than an accepted flight plan, is not required for scheduled airline operations in transit across, or not embarking/disembarking passengers and/or lading/unlading cargo within, the territory of The Bahamas. Appropriate authorities must receive a flight plan to consider it for acceptability.

**Documentary Requirements for Clearance of Aircraft**

Documents required for scheduled airline operations embarking/disembarking passengers and/or lading/unlading cargo within the territory of The Bahamas are listed below. Documents must follow the ICAO standard format as set forth in the relevant *Appendices to Annex 9* and are acceptable when furnished in English and completed in legible handwriting. No visas are required in connection with the documents. Separate documents shall be submitted at each airport if operations are conducted at more than one airport.

- a. The following documents must be submitted in triplicate by aircraft operators for clearance into and out of the Bahamas:
  1. Aircraft General Declaration
  2. Aircraft Cargo Manifest
- b. The following documents may be required in triplicate by aircraft operators for clearance into and out of the Bahamas:

**BAHAMAS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

1. Declaration of Consumable Stores On Board Aircraft
  2. Declaration of Dutiable Goods in the Possession of the Crew of an Aircraft or Vessel
  3. Aircraft Passenger Manifest
- c. The Customs Department indicates clearance approval by returning an endorsed copy of the Aircraft General Declaration to the aircraft operator.

## **NON-SCHEDULED (COMMERCIAL) FLIGHTS**

### **General**

The following requirements must be met by international non-scheduled commercial flights operated by foreign airlines into or over territory of The Bahamas.

- a. Prior permission, other than an accepted flight plan, is not required for non-scheduled airline operations in transit across, or not embarking/disembarking passengers and/or lading/unlading cargo within, the territory of The Bahamas.
- b. Prior permission and an accepted flight plan are required for non-scheduled airline operations embarking/disembarking passengers and/or lading/unlading cargo within the territory of The Bahamas. Permission must be obtained from the General Manager of BANSI not less than 48 hours prior to intended operation. Appropriate authorities must receive a flight plan to consider it for acceptability.
- c. Application for prior permission must include the following information:
  1. Operator/business name, address, and telephone number
  2. Aircraft type and registration marks
  3. Dates, times, and locations of intended operations
  4. Location(s) of passenger embarkation/disembarkation and/or cargo lading/unlading as applicable
  5. Purpose of flight, number of passengers, and/or description of cargo as applicable
  6. One copy of each of the following documents:
    - (a) Airworthiness certificate
    - (b) Air carrier certificate
    - (c) Insurance certificate

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

### **PRIVATE FLIGHTS**

An accepted flight plan is required for private international operations. Appropriate authorities must receive a flight plan to consider it for acceptability.

## BAHAMAS NATIONAL REGULATIONS AND REQUIREMENTS

Prior permission is required for private international operations conducted to or from a Bahamian airport during other than published hours of operation. Permission must be obtained from the General Manager of BANSI not less than 48 hours prior to intended operation.

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

*NOTE: The Customs Department may permit private aircraft operators to submit Inward Declaration and Cruising Permit for Private Aircraft Entering The Bahamas in lieu of Aircraft General Declaration if the private aircraft is not carrying cargo and is being operated for pleasure and recreation only by a pilot not flying for reward or remuneration or for business purposes.*

Lynden Pindling Intl is open H24, Grand Bahama Intl 1100–0300 UTC and Family Island Airports from sunrise to sunset.

### **PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

No public health measures are required to be carried out in respect of aircraft entering The Bahamas.

Temporary health formalities may be applied to meet unforeseen situations. These measures will be notified by NOTAM.

### **FEES**

Fees and charges are assessed for the use and services of the airport. Each passenger departing the Bahamas is assessed a departure fee.

### **AIRPORTS OF ENTRY**

#### **Abaco Island**

Leonard M. Thompson Intl<sup>1</sup>

Treasure Cay<sup>1</sup>

#### **Andros Island**

Congo Town<sup>2</sup>

Fresh Creek<sup>3</sup>

San Andros<sup>4</sup>

#### **Berry Islands**

Great Harbour Cay<sup>5</sup>

#### **Bimini Island**

South Bimini<sup>6</sup>

#### **Cat Island**



**BAHAMAS  
NATIONAL REGULATIONS AND REQUIREMENTS**

New Bight<sup>7</sup>

**Eleuthera**

Governor's Harbour<sup>8</sup>

North Eleuthera<sup>9</sup>

Rock Sound<sup>10</sup>

**Grand Bahama Island**

Grand Bahama Intl

**Great Exuma Island**

Exuma Intl<sup>11</sup>

**Great Inagua Islands**

Inagua<sup>12</sup>

**New Providence**

Lynden Pindling Intl

**San Salvador**

San Salvador Intl<sup>11</sup>

***CAUTION: South Caicos Island (Apt) is NOT an Airport of Entry for the Bahamas. (Refer to Caicos I.)***

<sup>1</sup> 1400–2200. Before and after operational hours, on request, overtime in effect. Tel: 1-242-367-2675.

<sup>2</sup> Mon–Fri: 1400–2200. Tel: 1-242-369-2640.

<sup>3</sup> Daily: 1400–2230.

<sup>4</sup> Mon–Fri: 1400–2230. Tel: 1-242-329-2278.

<sup>5</sup> Daily: 1400–2230. Tel: 1-242-367-8566.

<sup>6</sup> Daily: 1400–2200. Tel: 1-242-347-3100.

<sup>7</sup> Daily: 1330–2200.

<sup>8</sup> 0800–1900 LT. Before and after operational hours, on request, overtime in effect.

<sup>9</sup> 0700 LT – Official Sunset. Before and after operational hours, on request, overtime in effect.

<sup>10</sup> 0700–1900 LT. Before and after operational hours, on request, overtime in effect.

<sup>11</sup> 1400–2200. Before and after operational hours, on request, overtime in effect.

<sup>12</sup> Daily: 1400–2230. Tel: 1-242-339-1254.

It is essential that persons engaged in air operations in the Bahamas be acquainted with the relevant regulations.

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**BARBADOS**  
**NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT AND VISA**

Persons entering Barbados must be in possession of valid passports.

Entry visas for Barbados are required from nationals of certain countries. Information on these countries may be obtained by contacting [immigration.cio@barbados.gov.bb](mailto:immigration.cio@barbados.gov.bb).

Such visas may be issued by Barbados Missions or Consulates.

Persons holding Inter-Caribbean Travel Documents (Travel Permits) and Emergency Passports issued by neighboring Caribbean States may still be permitted to enter Barbados. However, the use of these documents is discouraged.

Accredited Officers of international organizations are allowed to enter the island on the Laissez Passer or any similar travel document issued by these organizations when on official business. (eg UN, OAS, CARICOM).

The Embarkation/Disembarkation (E/D) Card is also to be completed by all persons entering Barbados.

Crew members are subjected to cursory checks against the incoming aircraft's General Declaration.

The departure side of the E/D card is required from all embarking (departing) passengers.

**HEALTH**

Disembarking passengers may be required to present vaccination certificates in special cases to the Port Health Officer.

On departure, no health formalities are required.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

All flights into, from or over the territory of Barbados, and landings in such territory, shall be carried out in accordance with the valid regulations of Barbados regarding civil aviation.

Aircraft landing in, or departing from the territory of Barbados must land at or depart from Grantley Adams International Airport.

**DESIGNATED AUTHORITIES****International Transport Division**

Ministry of International Transport

Address: 4th & 5th Floors  
One Barbados Place  
Warrens  
St. Michael  
Barbados

Tel: (246) 535-3304

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**BARBADOS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Fax: (246) 535-3342

**Aeronautical Information Services**

Grantley Adams International Airport

Address: Christ Church  
Barbados

Tel: (246) 428-7101 x4200, 4202, 4203

Fax: (246) 420-7333

AFS: TBPBYOYX

**Customs**

Comptroller of Customs

Address: Customs & Excise Department  
2nd Floor, West Wing  
Warrens Office Complex, Warrens  
St. Michael–BB12001  
Barbados

Tel: (246) 310-2310

Fax: (246) 421-2029

**Health**

Chief Medical Officer

Address: Ministry of Health  
Frank Walcott Building  
Culloden Rd  
St. Michael  
Barbados

Tel: (246) 426-5080

Fax: (246) 429-5953

**SCHEDULED FLIGHTS**

For regular international scheduled flights into or in transit across Barbados, operated by foreign airlines, the following will have to be complied with.

- a. The airline must have been designated pursuant to the provisions of the International Air Services Transit Agreement or the International Air Transport Agreement, provided that the State in which the airline is registered is a contracting party to either or both agreement(s).
- b. The airline must have designated pursuant to a bilateral or multilateral agreement signed by Barbados and the State in which the airline is registered.

**BARBADOS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

- c. The airline must have a license to operate into or in transit across Barbados. Application for such licenses shall be submitted to:

The Secretary Air Transport Licensing Authority

Address: Charnocks  
Christ Church  
Barbados  
BB17087

Tel: (246) 535-0031

Fax: (246) 535-0030

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the under mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from Barbados. All documents listed must follow the ICAO standard format as set forth in the relevant Appendices to Annex 9 (not published herein) and are accepted when furnished in English and completed in legible handwriting. No visas are required in connection with such documents.

**Aircraft Documents Required (Arrival/Departure)**

Required by	General Declaration		Passenger Manifest	Cargo Manifest	
	In	Out		In	Out
Health	1	0	(Not Required)	1*	0
Immigration	1	1		0	0
Customs	2	2		2	2

\*Required for aircraft arriving with food and human remains as part of the cargo.

**NOTE:**

- a. One copy of the General Declaration must be signed by the pilot-in-command. The General Declaration shall state under the column headed 'Total Number of Crew' the names of such crew.
- b. Except for copies of the General Declaration, other aircraft documents need not be submitted to the above authorities if no passengers are embarking (disembarking) and no articles are loaded (unloaded).

**Public Health Measures Applied to Aircraft**

No public health measures are to be carried out in respect to aircraft entering Grantley Adams Intl, except the following:

A pilot or captain should radio ahead to the Airport Authority where a case of unusual sickness occurs onboard. While various diseases have different symptoms the following symptoms should always raise suspicion that a person is suffering from an infectious disease:

**BARBADOS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

- a. diarrhea and/or vomiting (especially if severe or associated with a rash);
- b. fever (high temperature, shivering, rigors);
- c. rash or skin lesions.

The State party reserves the right to vary its health measures to respond to health risks or public health emergencies of international concern.

All aircraft arriving in Barbados are to be disinfected. This action must be properly recorded in the health section of the General Declaration. The insecticide to be used should be approved by the World Health Organization.

### **NON-SCHEDULED FLIGHTS**

If an operator intends to operate a non-scheduled flight in transit across the territory of Barbados, or in airspace not over the territory of Barbados but falling under the control of Barbados, or into Barbados for non-traffic purposes, he may do so without the necessity of obtaining permission as set out below. However, in order that control of the aircraft may be safely pre-planned, the operator is required to notify the Adams air traffic services of the intended flight at least seventy two (72) hours prior to such operation.

Non-scheduled flights for commercial purposes may only be operated into or out of Barbados under, and in accordance with a permit granted by the Permanent Secretary, in the Ministry responsible for International Transport in Barbados. Applications for such permits must be submitted to the Permanent Secretary at least ten working days prior to the date of planned operations, and must contain the following required information (as appropriate) as indicated on the Ministry of Tourism and International Transport Form T.01 (not published herein).

#### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

#### **Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

### **PRIVATE FLIGHTS**

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft.

#### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

#### **Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

### **FEES**

Fees are assessed for the services and facilities concerning the use of Grantley Adams International Airport. Unless an alternative arrangement has been made, all charges for the use of the

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**BARBADOS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

airport are payable by the pilot of the aircraft on demand or before the aircraft departs from the airport. The following types of fees and charges may be expected.

- a. Fee for non-scheduled aircraft arrivals;
- b. Landing fees;
- c. Passenger service charges on arrival and departure;
- d. Cargo charges; and
- e. Parking fees.

**AIRPORT OF ENTRY**

Barbados (Bridgetown) (Grantley Adams Intl)

**BERMUDA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## **PASSPORT AND VISA**

The entry, transit and departure requirements for passengers and crew are in general accordance with ICAO Annex 9 – Facilitation – and Supplement to Annex 9, as amended, under the United Kingdom.

Passports are the preferred document for entry into Bermuda and are required of all visitors from countries that require a passport for re-entry purposes or for entry through another country to which the passenger has right of entry.

A return or onward ticket, or other proof of onward transportation to a country to which the passenger has right of entry, is required of all visitors.

The following exceptions exist between the requirements of the Bermuda Government and ICAO Annex 9:

a. Nationals of the following countries require Bermuda entry visas.

1. Afghanistan
2. Albania
3. Algeria
4. Armenia
5. Azerbaijan
6. Bahrain
7. Belarus
8. Bosnia-Herzegovina
9. Bulgaria
10. Cambodia
11. China, People's Republic of
12. Croatia
13. Cuba
14. Djibouti
15. Egypt
16. Estonia
17. Georgia
18. Ghana
19. Haiti
20. Iran
21. Iraq

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**BERMUDA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

22. Jamaica
23. Jordan
24. Kazakhstan
25. Kuwait
26. Kyrgyzstan
27. Latvia
28. Lebanon
29. Liberia
30. Libya
31. Lithuania
32. Macedonia
33. Moldova
34. Mongolia
35. Montenegro
36. Morocco
37. Nigeria
38. North Korea
39. Oman
40. Pakistan
41. Qatar
42. Romania
43. Russia
44. Saudi Arabia
45. Serbia
46. Somalia
47. Sri Lanka
48. Syria
49. Tajikistan
50. Tunisia
51. Turkmenistan
52. Ukraine



## BERMUDA NATIONAL REGULATIONS AND REQUIREMENTS

- 53. United Arab Emirates
- 54. Uzbekistan
- 55. Vietnam
- 56. Yemen
- b. Holders of Hong Kong Special Administrative Region passports or British National (Overseas) passports do NOT require visas for Bermuda.
- c. Bermuda entry visas are not required for visa controlled nationals who:
  - 1. Have the right to reside in the United States (Permanent Resident), Canada (Permanent Resident), or the United Kingdom (no limit on stay in the United Kingdom); and
  - 2. Are in possession of proof of such status and a valid passport

## HEALTH

No health certificates are required.

Diversions where passengers or crew exhibit infectious symptoms or fever should not be considered unless life threatening, as Bermuda (TXKF) has limited medical quarantine and/or isolation capabilities.

## AIRCRAFT ENTRY REQUIREMENTS

### GENERAL

Flight in Bermuda airspace shall be conducted in accordance with United Kingdom Statutory Instrument 2001 No. 2128: The Air Navigation (Overseas Territories) Order 2013, as amended.

### SCHEDULED FLIGHTS

#### Military Aircraft

- a. All military flights must obtain slot time approval from the Department of Airport Operator.
- b. Diplomatic Clearances
  - 1. Military aircraft belonging to countries that are contracting states to ICAO do not require diplomatic clearance to overfly or operate into Bermuda.
  - 2. The United Nations classification of dangerous goods and munitions of war carried on any military aircraft must be declared to the Department of Airport Operator.

Bermuda requires that the transportation of all classes of dangerous goods is conducted in accordance with instructions contained in the "Technical Instructions for the Safe Transport of Dangerous Goods by Air" (ICAO Doc 9284-AN/905) and in accordance with the Air Navigation (Overseas Territories) Order 2013 as amended, Article 58 and the Acceptable Means of Compliance found in Overseas Territories Aviation Requirements (OTAR) Part 92 (not published herein).

Weapons and Munitions of War can only be transported by the granting of a Governor's Approval in accordance with the Air Navigation (Overseas Territories) Order 2013 as amended, Article 57

## BERMUDA NATIONAL REGULATIONS AND REQUIREMENTS

(not published herein). Applications for consideration are to be submitted to the Bermuda Civil Aviation Authority 15 days prior to the requested flight.

### Commercial Aircraft

- a. Commercial aircraft registered in countries that are contracting states to ICAO do not require prior permission from the Airport Operator for overflying or landing in Bermuda. Prior permission from the Airport Operator should be requested for aircraft flying ETOPs via Bermuda. Notification must be given to the Airport Operator.

In addition, TXKF has not been evaluated to serve as an A380 alternate and no services are available. A380 landings are limited to emergency use only.

- b. Commercial aircraft registered in countries that are not contracting states to ICAO must request diplomatic clearance from the Deputy Governor for overflight of, or operations into, Bermuda at least seven (7) calendar days in advance of the planned flight.

### NON-SCHEDULED FLIGHTS

Any request for take-off and or landing between 2200–0700 local time and/or landing between 2300–0700 local time must submit the proper PPR 24 hours prior to the planned day of the flight.

Non-scheduled commercial flight operators, for hire or reward with either passengers or cargo to or from Bermuda, shall submit a Flight Permit Application to the Director General Bermuda Civil Aviation Authority and obtain a non-scheduled flight permit. The Flight Permit Application form is available on the Internet. (See address under DESIGNATED AUTHORITIES – Director General)

Notification of intent should be submitted to the Airport Operator as soon as possible for transient flights requesting landing and requiring only technical services. The Airport Operator may refuse permission for a technical landing if it appears that normal scheduled services cannot be properly accommodated.

### PRIVATE FLIGHTS

Any request for take-off and or landing between the hours of 2300 and 0700 local time must submit the proper PPR 24 hours prior to the planned day of the flight.

Private aircraft do not require prior permission from the Airport Operator for over flying or landing in Bermuda. However, private aircraft operators are strongly encouraged to notify the Airport Operator prior to commencing flight to Bermuda and to include the department in the associated departure plan message.

All flights at or above FL180 within New York Oceanic Control Area must be conducted in accordance with Instrument Flight Rules (IFR). Flight plan submission is mandatory.

### PRE-CLEARANCE DEPARTURE PROVISIONS

Pre-clearance departure provisions of the United States Customs Service and United States Immigration Service are established for passengers and crew of all scheduled civil aircraft departing Bermuda for United States airports.

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**BERMUDA  
NATIONAL REGULATIONS AND REQUIREMENTS**

Pre-clearance departure provisions to the United States are not normally available to non-scheduled carriers or private operators unless prior action has been taken to fulfil the requirements of each Service. Submit applications for authorization to use these provisions to:

**U.S. Department of Justice**

Address: Immigration and Naturalization Services  
(Travel Control)  
Federal Building  
Burlington  
VT  
05042

Tel: 1 (802) 951-5037

Fax: 1 (802) 660-1175

**DESIGNATED AUTHORITIES**

**CIVIL AVIATION**

**Director General**

Address: Bermuda Civil Aviation Authority  
P.O. Box GE 218  
St George's GE BX  
Bermuda

Tel: 1 (441) 293-1640

Fax: 1 (441) 293-2417

Internet: [www.bcaa.bm](http://www.bcaa.bm)

AFTN / AIS-R: TXKFYAYX

**AIRPORT AUTHORITY**

**Bermuda Airport Authority**

Address: Building 332 East  
11 Waller's Point Road  
St. George's DD03  
Bermuda

Tel: 1 (441) 242-2004

E-Mail: [ais@airportauthority.bm](mailto:ais@airportauthority.bm)

Internet: [www.airportauthority.bm](http://www.airportauthority.bm)

AFTN / AIS-R: TXKFDAOX

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**BERMUDA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

**AIRPORT OPERATIONS**

Bermuda Skyport Corporation Limited

Address: 3 Cahow Way  
St. George's GEBX  
Bermuda

Tel: 1 (441) 293-2470  
Airport Duty Officer:  
1 (441) 299-4828

Fax: 1 (441) 293-4504

Internet: [www.skyport.bm](http://www.skyport.bm)

**CUSTOMS**

Collector of Customs

Address: H.M. Customs  
P.O. Box HM 2084  
Hamilton HM HX  
Bermuda

Tel: 1.441.293.4020 or  
1.441.293.2424

Fax: 1.441.293.1418

Internet: [www.customs.gov.bm](http://www.customs.gov.bm)

**DIPLOMATIC CLEARANCES**

The Deputy Governor

Address: Deputy Governor's Office, Government House  
11 Langton Hill  
Pembroke HM 13  
Bermuda

Tel: 1 (441) 292-3600

Fax: 1 (441) 295-3823

**FEES**

a. Legislated rates/security

Aviation Security Fees per departing.

b. Landing fees

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**BERMUDA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

For additional airport related charges, contact the Department of Airport Operations for information.

- c. Passenger service;
- d. Terminal fees;
- e. Parking fees;
- f. Cargo charges;
- g. Airport infrastructure charge;
- h. Common use terminal equipment fee; and
- i. Aviation fuel throughput fee.

## **AIRPORT OF ENTRY**

L.F. Wade (Intl) 1030–2300 (local time); officer on call after hours for emergency.

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**BRITISH VIRGIN IS  
NATIONAL REGULATIONS AND REQUIREMENTS**

**Refer to Entry Requirements, E Caribbean States for requirements common to the Eastern Caribbean States of which British Virgin Islands is a member. Exceptions are listed herein.**

## **PASSPORT AND VISA**

No documents or visas are required of passengers arriving and departing on the same through flight or transferring to another flight at the same airport.

A person entering any of the states listed in a standard ICAO E/D card for the purposes of immigration must hold a valid passport and an immigration visa, the latter being issued at the relevant state's consulates abroad.

Temporary visitors must complete an ICAO E/D and be in possession of a valid passport with the exception of the following nationals for whom existing official documents of identity, such as a birth certificate, or driving licence is accepted in lieu:

- a. Citizens of the U.S.A.
- b. Citizens of Canada

Visas are required except for:

- a. Nationals of Belgium, Denmark, Finland, France, Greece, Iceland, Italy, Liechtenstein, Luxembourg, Netherlands, Norway and Colonies, San Marino, Spain, Sweden, Switzerland, Tunisia, Turkey and Uruguay.
- b. Citizens of the U.S.A. for a stay not exceeding six months.
- c. Nationals of the German Federal Republic and Venezuela for a stay not exceeding one month.

## **HEALTH**

Refer to Entry Requirements, E Caribbean States for health requirements.

## **DESIGNATED AUTHORITIES**

### **CIVIL AVIATION**

Air Safety Support International

Floor 2 Northgate House

Address: 115 High Street Crawley  
West Sussex  
UK  
RH10 1FY

Tel: +44 (0) 1 293 897000

Fax: +44 (0) 1 293 897049

E-Mail: [enquires@airsafety.aero](mailto:enquires@airsafety.aero)

## BRITISH VIRGIN IS NATIONAL REGULATIONS AND REQUIREMENTS

### CUSTOMS

H.M Customs

Address: Road Town  
Tortola  
British Virgin Islands  
VG1110

Tel: (284) 494-3475; 468-6450

Fax: (284) 494-6906

### HEALTH

Ministry of Health

Address: Road Town  
Tortola  
British Virgin Islands  
VG1110

Tel: (284) 468-0649/3701 (EXT 2174)

Fax: (284)-494-5018

AFS: NIL

## AIRCRAFT ENTRY REQUIREMENTS

### DOCUMENTARY REQUIREMENTS FOR CLEARANCE OF AIRCRAFT (SCHEDULED, NON-SCHEDULED, AND PRIVATE)

It is necessary that the under mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from the relevant Eastern Caribbean States listed in GEN 0.1. All documents listed below must follow the ICAO standard format as set forth in the relevant appendices to ICAO Annex 9 and are acceptable when furnished in English, and completed in legible handwriting. No visas are required in connection with such documents.

*Aircraft documents required (arrival/departure)*

<b><i>British Virgin Islands</i></b>	ATC	1	1	NIL
	Customs	1	1	1
	Immigration	1	1	1
	Health	NIL	NIL	NIL

**BRITISH VIRGIN IS  
NATIONAL REGULATIONS AND REQUIREMENTS****NON-SCHEDULED FLIGHTS****General**

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across, or making non-traffic stops in the territory of The British Virgin Islands it is not necessary for the operator to obtain prior permission.

Refer to Entry Requirements, E Caribbean States for operations requiring prior permission.

**SPECIAL NOTICES**

All aircraft intending to operate at the Virgin Gorda airport in Spanishtown or at the Auguste George airport in Anegada must obtain prior approval. Twenty four (24) hours notice must be given prior to landing. Application forms are available at [www.BVIAA.com](http://www.BVIAA.com). Apart from the numbers provided on the application form, all forms can be faxed to 284-852-9048/9046. A slot time will accompany all permissions assigned by the BVIAA in a manner that ensures one landing per thirty minute period. Flights must arrive during slot times assigned; arrival outside this time will not be approved.

Flights are permitted to and from Virgin Gorda Airport between 1130 UTC and sunset providing the following meteorological conditions prevail:

- Minimum forward visibility of 5km.
- Minimum cloud ceiling of 1500 ft. Beef Island (QNH)

It remains the captain's responsibility to check immediately prior to the flight that the weather at Virgin Gorda Airport is within the required limits, and is likely to remain so for the duration of the flight.

Pilot in Command of all flights into and out of Virgin Gorda Airport must fill out the Virgin Gorda Airport PPR Form (BVIAA Form 005) and shall provide certified proof that the following requirements are met:

- a. A minimum of fifteen hundred (1500) hours total flying time,
- b. A minimum of one hundred (100) hours on the type of aircraft being used for the operation and,
- c. Twenty-five (25) landings at the said airport, with at least one of the landings made during the last sixty (60) days.

Where the conditions at (i) and (ii) above cannot be met, proof of a successful Check Ride into Virgin Gorda Airport conducted by a Flight Operations Inspector from Air Safety Support International (ASSI) is acceptable.

In this instance the take-off and landing requirements at (iii) above are waived for the first sixty days, but must be met thereafter.

For further information please contact:

B.V.I. Airports Authority

Tel: (284) 852-9033/9000



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**BRITISH VIRGIN IS  
NATIONAL REGULATIONS AND REQUIREMENTS**

Fax: (284) 852-9048

Acceptable certified proof of Pilot in Command and currency requirements consists of entry of the above requirements in the pilot's logbook and subsequent certification by the Air Operator's Chief Pilot or Operations Manager.

Pilots shall keep Proof of Currency on board the aircraft for each flight and will be required to surrender such proof upon request to the BVIAA or ASSI, for the purpose of inspection.

Training flights shall not be conducted into or out of Virgin Gorda Airport, except for the purpose of preparing for a Check Ride to fulfil the PIC requirements.

The types of aircraft currently approved to operate are as follows:

- Cessna 401 and 402
- Islander
- Mitsubishi MU-2
- Partenavia P68
- Piper: Aztec, Navajo, Seneca
- Trislander
- Twin otter

Single engine aircraft operation prohibited.

## **FEES**

Domestic and International flights are subject to landing and additional ramp fees. Passenger service fees apply.

## **AIRPORTS OF ENTRY**

ROADTOWN / Terrance B. Lettsome / TUPJ

1100–0200

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**CAYMAN IS  
NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT AND VISA**

No documents or visas are required of passengers arriving and departing on the same through flight or transferring to another flight at the same airport.

A person entering the Cayman Islands for the purpose of immigration must hold a valid passport and an immigration visa, the latter being issued at British consulates abroad. Temporary visitors must be in possession of a valid passport, with the exception of United States and Canadian nationals from whom existing official documents of identity, such as expired passports, national registration cards or alien resident permits, are acceptable in lieu of a valid passport.

No entrance visas are required from temporary visitors with the exception of the following states: Albania, Bulgaria, China, Colombia, Cuba, Czechoslovakia, El Salvador, Guatemala, Honduras, Hungary, Jamaica, N. Korea, Nigeria, Peru, Poland, Romania, Taiwan, Vietnam.

For flight crew members on scheduled services who keep possession of their licenses when embarking and disembarking, remain at the airport where the aircraft has stopped or within the confines of the cities adjacent thereto, and depart on the same aircraft or on the next regularly scheduled flight out of the Cayman Islands, the crew member license or certificate is accepted in lieu of a passport or visa for temporary admission into the Cayman Islands. This provision is also applicable if the crewmember enters the Cayman Islands by other means of transport for the purpose of joining an aircraft.

**PUBLIC HEALTH REQUIREMENTS**

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever or smallpox.

On departure, no health formalities are required.

**FEES**

Fees and charges for the landing, parking or housing of aircraft shall be those published from time to time by the Civil Aviation Authority of the Cayman Islands.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

International flights into, from or over the Cayman Islands territory shall be subject to the current Cayman Islands regulations relating to civil aviation. These regulations correspond in all essentials to the ICAO Standards and Recommended Practices.

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**CAYMAN IS**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## **DESIGNATED AUTHORITIES**

Director General of Civil Aviation  
Civil Aviation Authority of the Cayman Islands  
Address: Unit 2 Grand Harbour  
P.O. Box 10277  
Grand Cayman  
Cayman Islands  
KY1-1003  
Tel: 345 949 7811  
Fax: 345 949 0761  
E-Mail: richard.smith@caacayman.com  
Internet: www.caacayman.com

## **Customs**

Collector of Customs  
Address: Customs Headquarters  
P.O. Box 898  
Grand Cayman  
Cayman Islands  
KY1-1103  
Tel: 345 949 4579  
Fax: 345 945 1573  
Internet: www.customs.gov.ky

## **SCHEDULED FLIGHTS**

### **General**

For regular international scheduled flights operated by foreign airlines into or in transit across the Cayman Islands, the following requirements must be met:

- a. The state of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement. The Cayman Islands through the UK is a party to both.
- b. The airline must be eligible to make the flight under the provisions of a bilateral or multilateral agreement to which the state of the airline and the Cayman Islands are contracting parties, and must have a permit to operate into or in transit across the Cayman Islands. Applications for such permits shall be submitted to:

## CAYMAN IS NATIONAL REGULATIONS AND REQUIREMENTS

The Director General of Civil Aviation

Address: Unit 2 Cayman Grand Harbour  
P.O. Box 10277  
Grand Cayman  
Cayman Islands  
KY1-003

Tel: 345 949 7811

Fax: 345 949 0761

E-Mail: [civil.aviation@caacayman.com](mailto:civil.aviation@caacayman.com)

Internet: [www.caacayman.com](http://www.caacayman.com)

### Documentary Requirements for Clearance of Aircraft

It is necessary that the under-mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from the Cayman Islands. All documents listed below must follow the ICAO standard format as set forth in the relevant Appendices to Annex 9 and are acceptable when furnished in English and completed in legible handwriting. No visas are required in connection with such documents.

#### Aircraft Documents Required (Arrival/Departure)

Required by	General Declaration	Passenger Manifest	Cargo Manifest
Immigration	1	1	Nil
Customs	1	1	1
Health	1	Nil	Nil

*NOTE 1: One copy of the General Declaration is endorsed and returned by Customs, signifying clearance.*

*NOTE 2: If no passengers are embarking (disembarking) and no articles are laden (unladen), no aircraft documents except copies of the General Declaration need be submitted to the above authorities.*

### NON-SCHEDULED FLIGHTS

#### Procedures

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across, or making non-traffic stops in, the territory of the Cayman Islands, it is not necessary for the operator to obtain prior permission.

If an operator intends to perform a (series of) non-scheduled flight(s) into the Cayman Islands for the purpose of taking on or discharging passengers, cargo or mail, it is necessary for the operator to apply to the Director General of Civil Aviation for permission to carry out such operations not

**CAYMAN IS  
NATIONAL REGULATIONS AND REQUIREMENTS**

less than twenty-four hours in advance of the intended landing. The application must include the following information in the order shown hereunder:

- a. name of operator;
- b. type of aircraft and registration marks/IATA designator code;
- c. period of time for which the operating permit is required;
- d. place or places of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight;
- e. purpose of flight and number of passengers and/or nature and amount of freight;
- f. name, address and business of charterer, if any; and;
- g. total number of flights.

Fees for operating permits will be invoiced by and are payable to the Civil Aviation Authority of the Cayman Islands separate and apart from airport charges. Subsequent to grant of operating permit, the operator should contact the Cayman Islands Airports Authority to obtain approval for landing times.

**Document Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS**

**Advance Notification of Arrival**

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft with the exception as stated in the following paragraph; such information must be transmitted so that it will be received by the public authorities concerned at least two hours in advance of arrival; the landing must be carried out at a previously designated international airport of entry.

For reasons of flight safety, special permission in addition to the filing of a flight plan is required for flights operating outside the published airport operating hours.

Application for special permission must be submitted to:

Air Traffic Control Manager

Cayman Islands Airports Authority

Address: 298 Owen Roberts Drive

P.O. Box 10098

Grand Cayman

Cayman Islands

Tel: 1 345 943 7070

Fax: 1 345 943 7071, EXT: 244 5824

E-Mail: erick.bodden@caymanairports.com

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**CAYMAN IS  
NATIONAL REGULATIONS AND REQUIREMENTS**

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at least three days in advance of the entry into the airspace over the Cayman Islands.

**Document Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS in the case of an aircraft remaining within the Cayman Islands for less than 30 days.

**PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

No public health measures are required to be carried out in respect of aircraft entering the Cayman Islands, with the exception of passengers who are coming directly from an area infected with cholera, yellow fever or smallpox; they are required to present vaccination certificates.

Aircraft arriving from outside the Cayman Islands may land at any international airport in the Cayman Islands provided that the aircraft has been disinfected approximately thirty minutes before arrival at the airport. This action must be properly recorded in the Health Section of the General Declaration. If spraying of the aircraft is to be carried out on the ground, passengers and crew are permitted to disembark beforehand.

**AIRPORTS OF ENTRY**

Aircraft landing or departing from the Cayman Islands territory must first land at or finally depart from an international airport.

Owen Roberts Intl MWCR<sup>1</sup>

Charles Kirkconnell Intl MWCB<sup>2</sup>

<sup>1</sup> MON–FRI: 1200–0200 UTC (0700–2100 LST); SAT, SUN + HOL: 1200–0200 UTC (0700–2100 LST)

<sup>2</sup> MON–FRI: 1330–2130 UTC (0830–1630) LST; SAT: 1330–1830 UTC (0830–1230) LST; SUN, HOL: Available on request and subject to a service charge.

## CUBA NATIONAL REGULATIONS AND REQUIREMENTS

### PASSPORT AND VISA

Every **foreign citizen** to enter the national territory must be in possession of a passport or an equivalent valid travel document; Visa according to the motive of the trip, return or continuous ticket. For those who have diplomatic or consular representation in our country, travel documents must be valid at the moment of crossing the border and for those who do not have these, validity must reach a minimum of 2 months and they must comply with the following requirements:

- Those who travel as tourists, must have a solvency consistent with the length of the stay in Cuba.

Visas for tourist purposes can be purchased in the Cuban Office of the foreign service, travel agencies and tour-operators. For the purposes of entering Cuba, that visa is valid for 30 days, extendable up to 90 days, except for Canadians who have 90 initial days, renewable for equal term.

Nationals of: Afghanistan, Bangladesh, Cameroon, Eritrea, Ethiopia, Ghana, Guinea, India, Irán, Iraq, Kenya, Nepal, Nigeria, Pakistán, the Philippines, Sierra Leone, Somalia, Sri Lanka, Syria and Yemen, **must acquire the visa consular in the Cuban diplomatic representations in the foreign service.** Citizens of these countries with diplomatic or service passports, visas, residence permits, work and/or study, issued by the USA, Canada, and any country of the European Union are excepted.

Excepted from the visa requirement are, citizens of countries with which Cuba has signed agreement of exemption for categories, motivations and periods of time laying down the letters of these agreements.

- Crew members, to enter the national territory must own a passport or certificate of crew member and both valid and current license for flying reflected in the General Declaration.

Can disembark and remain in the areas of the airport grounds, provided that equal treatment to the Cuban crew members is granted in the other country.

For crew rotation and those who unrolled by sea or enter by air way to enroll, the maximum stay will be seven days.

- Passengers in transit or transshipment by less than 72 hours, do not need a visa. They can remain at the airport or enter the country, upon presentation of the return ticket or to continue confirmed travel and the express authorization of the Identification, Immigration and Foreigners Directorate. A stay exceeding this term, can only be extended in cases of force majeure.

### CUSTOMS REQUIREMENTS

#### CUSTOMS DECLARATION

All passenger or responsible for a family who enters the Republic of Cuba will fill the customs declaration for passengers, providing all the information that is requested; as a prior and indispensable prerequisite for the submission and talking to the Customs authorities.

All imports performed by aircraft and ships crew members residents in the national territory, require of Crews Custom Declaration, properly filled, at the time of the dispatch.

**CUBA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## HEALTH

### PUBLIC HEALTH REQUIREMENTS

People coming from countries where illnesses of epidemic interest exist for Cuba, can be subjected to interrogations or medical exam.

- When antecedent or suspicion of illnesses exist on board, until the inspection of the aircraft has not ended the sanitary authority will prohibit aircraft ascent or descent of any person, defining the risk and adopting the pertinent measures.
- Due to the international knowledge of epidemic situations of interest and risk for Cuba, specific vigilance will be established for illnesses on Cuban travelers and foreigners who come from epidemic countries or areas, which will be informed to the National System of Health and the corresponding state authorities (Republic General Customs, Immigration and Airport Authorities).
- The Cubans coming from endemic areas should fill the Sanity Declaration at the time of arrival to Cuba.

### DESIGNATED AUTHORITIES

Institute of Civil Aeronautics of Cuba

Address: Calle 23 no. 64  
Plaza de la Revolución  
La Habana  
Cuba

Tel: (537) 838 1138  
(537) 838 1140  
(537) 838 1145

E-Mail: presidencia@iacc.avianet.cu  
vp@iacc.avianet.cu

SITA: HAVYACU

AFTN: MULHYAYG

### CUSTOMS

Aduana General de la República

Address: Calle 6 # 381, esquina a 39  
Plaza de la Revolución  
La Habana  
Cuba

Fax: (537) 881 5631

Internet: <http://www.aduana.co.cu>

Customer service in La Habana city



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Tel: 881-9732

Public Hours: Wednesday until 19:00 GTM

Opinions customer service about customs services

Tel: (537) 883 7575/883 8282

E-Mail: [publico@agr.aduana.cu](mailto:publico@agr.aduana.cu)

Customs telephone numbers:

Tel: 287827 (Matanzas City)

513965 Ext 119 (Cienfuegos City)

225041 (Villa Clara City)

223613 Ext 120 (Ciego de Ávila City)

211809; 211303; 211504 Ext 113; or by 211449 (Camagüey City)

481801; 468594 Ext 110 (Holguín City)

652892; 628991 Ext 124 (Santiago de Cuba City)

## **AIRCRAFT ENTRY REQUIREMENTS**

### **SCHEDULED FLIGHTS**

For regular international scheduled flights operated by foreign airlines into or transiting across the Republic of Cuba, the following requirements must be met:

- a. The state of the airline must be a party to the relative agreement to the traffic of the air international services and/or to the agreement on international air transport. The Republic of Cuba is a party to both agreements;
- b. The airline must comply with the conditions required to make the flights under the dispositions of a bilateral or multilateral agreement in which the state of the airline and the Republic of Cuba are contracting parties and must have a permission to operate into or transit across the Republic of Cuba.

The requests to obtain such permits are to be presented to the Institute of Civil Aeronautics of Cuba to the Department of Permissions and Flight Planning with at least 15 days prior, through the following communications media:

From Monday to Saturday schedule from 1300 UTC up to 2130 UTC:

Department of Permissions and Flight Planning

Tel: (537) 838 1126

Fax: (537) 834 4579

E-Mail: [ppv@iacc.avianet.cu](mailto:ppv@iacc.avianet.cu)

SITA: HAVYACU

AFTN: MULHYAYG

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From Saturdays schedules starting from 2130 UTC and on Sundays during the 24 hours:

Department of Permissions and Flight Planning

E-Mail: gppv@ppv.iacc.avianet.cu

SITA: HAVYVCU

AFTN: MUFHYAYG

This request must include the following information:

1. Applicant's name, nationality and official address;
  2. Financial capacity;
  3. Class of service to be provided;
  4. Air routes the applicant seeks to operate;
  5. Flight equipment, its registration and certificate of airworthiness and insurance;
  6. Proof of liability insurance to cover compensation for lost life, injury or damage caused to passengers, cargo and checked baggage;
  7. Expressed declaration to abide by the dispositions, regulations and applicable laws in Cuba; and
  8. Other data and reports considered necessary.
- c. The operators of regular flights before beginning their operations shall obtain operation permission from the Aeronautics Authority; for this purpose, they will fulfill the requirements established to such effect.
- d. Foreign civil aircraft could make stops for non-commercial purposes in national territory under the relative agreement for traffic of the international air services or any other treaty or agreement subscribed by the Republic of Cuba with the state in which the aircraft is registered, or have obtained a permission from the Institute of Civil Aeronautics of Cuba.

The operators of regular flights affected by the foregoing provisions must obtain from the Cuban Aeronautics Authorities a certification stating the status of an international scheduled flight authorizing non-commercial stops in the national territory.

### **Documents Required for Authorizing the Aircraft**

To obtain authorization for the arrival and departure of the aircraft toward and from the Republic of Cuba, the operators of airlines should present the aircraft documents mentioned below. All the enumerated documents should be adjusted to the ICAO standardized format just as it is presented in the corresponding appendixes of the Annex 9 (not published herein) and are acceptable when presented in Spanish or English and have been completed by hand with readable writing. Visas are not required in connection with such documents.

## CUBA NATIONAL REGULATIONS AND REQUIREMENTS

### AIRCRAFT DOCUMENTS REQUIRED (Arrival/Departure)

Required by	General Declaration	Passenger Manifest	Cargo Manifest
IMG	2	1	—
Customs	2	2	1
Cargo	—	—	3
AP	—	—	1
Public Health	1	1	1
Veterinary	—	—	1

#### NOTE:

a. *Passenger manifest must include the following:*

- *Last and first name of the passenger;*
- *Nationality;*
- *Passport number;*
- *RE TU TR Classification;*
- *Address in the Republic of Cuba; and*
- *Total pieces and weight of baggage.*

b. *Customs approves and returns a copy of the general declaration, which means an authorization.*

c. *If passengers/goods are not taken on board or disembarked, there is no need to present to the relevant authorities any aircraft document, except the copies of the general declaration.*

*All aircraft which land or take off from the national territory should carry a Certificate of Registration and Certificate of Airworthiness and Insurance.*

## NON-SCHEDULED FLIGHTS

An operator who intends to undertake a non-regular flight (or a series of flights) transiting or making technical stops in the territory of the Republic of Cuba should previously request authorization in accordance with the provisions outlined under SCHEDULED FLIGHTS, not less than 10 days in advance of the time of departure, when it refers to a series of flights, including the following data in the order shown below:

For the series of Charter flights:

- a. Proposed itinerary and schedules in UTC hours;
- b. Date of beginning and termination. Weekly frequencies;
- c. Flight number;
- d. Type(s) of aircraft to use and configuration (seats quantity);

## CUBA NATIONAL REGULATIONS AND REQUIREMENTS

- e. Copy of the insurance of the aircraft;
- f. Copy of the certificates of airworthiness;
- g. Copy of the contract with the charterer of the flights and who guarantees handling services of the passengers;
- h. Operations manual of the airline (flight manual);
  - i. Authorization from the Civil Aeronautics Authority of their country to make the flight; and
  - j. Address of the head office.

*NOTE: When presenting the documentation, the price of the operation permission is informed.*

To fly occasional charters:

- a. Complete name of the company and address of the head office where the cost of the operation permission can be invoiced;
- b. Flight number, aircraft type and configuration;
- c. Operation date;
- d. Itineraries and schedules in UTC;
- e. Copy of the insurance of the aircraft;
- f. Copy of the certificates of airworthiness; and
- g. Name of the charterer in Cuba.

If an operator intends to undertake a non-regular flight (or a series of flights) toward the Republic of Cuba for the purpose of embarking or disembarking passengers, goods or mail, it is necessary to request to the Institute of Civil Aeronautics of Cuba to the Department of Permission and Flight Planning authorization to carry out such operations not less than 10 days in advance of the foreseen landing. The request should contain the previously enumerated items.

### **Documentation Requirements for the Clearance of Aircraft**

The same requirements as for SCHEDULED FLIGHTS.

## **PRIVATE FLIGHTS**

### **Previous Notification of the Arrival**

Foreign private aircraft in flights of tourism, recreation or sport or in stops of technical nature, should obtain an authorization, requesting it to the Institute of Civil Aeronautics of Cuba to the Department of Permission and Flight Planning, with a minimum of 48 hours in advance of the proposed date of arrival.

Foreign private aircraft that have been invited by some organization, or are coming to carry out negotiations with it, should request to the Institute of Civil Aeronautics of Cuba an operation not less than 48 hours in advance of the projected landing, by means of the procedure referred to in the previous paragraph. The national organization with which the visitor has been coordinated should be indicated.

## CUBA NATIONAL REGULATIONS AND REQUIREMENTS

It also will be necessary to present the ICAO flight plan so that it is received by the corresponding aeronautics authorities not less than one hour in advance of the entrance of the aircraft in the Flight Information Region (FIR) of the Republic of Cuba.

### **Documentation Requirements for the Clearance of Aircraft**

No documents are required in addition to those mentioned in Aircraft Documents Required for aircraft remaining in the Republic of Cuba for not less than 3 days.

### **Overflights**

All foreign aircraft which go into the airspace or in the jurisdictional waters of the Republic of Cuba without having obtained Certification, Authorization or Special Permission, will bear responsibility for the damages and consequences derived from the violation.

All foreign aircraft flying over the national territory outside of the established limits for the corridors, without the corresponding authorization and without based justification, could be threatened to land and/or sanctioned for such infraction.

If this aircraft was forced to land, or has made it without complying with the demands of Law 1218, it could be subject, without any reclamation right, to sanctions prescribed by Cuban Authority and to the responsibility for damages and prejudices caused.

### **Regular Overflights**

Foreign civil aircraft could make regular overflights in international air service by previously obtaining a Certificate or an Authorization. The Certificates have a permanent character, while they maintain effective the conditions under which they were granted, but not Authorizations, which are granted specifically for the operation of regular flights while expedition of the Certificate is pending.

To obtain a Certificate, the operator shall express the following:

- a. Name, nationality and official address of the operator;
- b. Confirmation of an official Contract or Agreement with the entity designated by the Institute of Civil Aeronautics of Cuba to provide the aeronautical radio-communications, meteorology and information services, air traffic control, beacon services and facilities to air navigation within the FIR/UIR assigned to the Republic of Cuba;
- c. An appropriate identification of route or routes that will operate under the Certificate, indicating whether it is a passenger service, cargo or mail. The identification of each route will indicate the air corridors to follow and the name of the terminal airports, intermediate and alternative airports to be used by the applicant;
- d. The schedules and frequencies that will govern the service;
- e. Type of aircraft and its registration marks;
- f. Any modification or changes in data offered in connection with the previous provisions shall be disclosed to the Institute of Civil Aeronautics of Cuba appropriately;

## CUBA NATIONAL REGULATIONS AND REQUIREMENTS

- g. Proof that applicant has insurance of responsibility or enough guarantees to cover the cost for damages caused to persons or property of others in the area.

*NOTE: Any flight that has not been approved in the requested certification shall be processed as a non-regular flight as described below.*

### Non-Regular Overflights

Foreign civil aircraft could make non-regular overflights in international air service by applying for an Authorization in accordance with the provisions outlined under SCHEDULED FLIGHTS, not less than 48 hours prior to departure time.

For obtaining the Authorization the operator shall specify:

- a. Name, nationality and official address of the operator;
- b. Type of the aircraft and its registration mark;
- c. Name of the pilot-in-command;
- d. Airport of departure and destination;
- e. Air corridor to be used according to the flight plan;
- f. Date of overflight;
- g. Proof that applicant has liability insurance or enough guarantees to cover the cost for damages caused to persons or property of others in the area; and
- h. Reason for the flight (passenger, cargo or mail).

### OFFICIAL OR STATE FLIGHTS

Aircraft that have official status of state will only be able to land or ditch in Cuban territory or its jurisdictional waters by obtaining a Special Permission from the Institute of the Civil Aeronautics of Cuba requested through the diplomatic conduits.

The application for these permits will be submitted to the Ministry of External Relationships of the Republic of Cuba not less than 10 days in advance of the date of the projected flight.

### SPECIAL NOTICES

Effective February 29, 1996, the FAA issued an Emergency Cease and Desist Order and Notice of Enforcement Policy to address safety concerns arising from the interception and destruction of two U.S. civilian aircraft in international airspace north of Cuba. Unauthorized operation of U.S.-registered civil aircraft in Cuban territorial airspace is prohibited by FAR and serious consequences could occur should any person conduct such operations. To read the order, see: <https://www.govinfo.gov/content/pkg/FR-1996-03-05/html/96-5183.htm>. Additionally, refer to FDC International NOTAM 6/1335.

### PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT

Aircraft coming from abroad will be subjected to medical inspection on arrival. The sanitary measures of supplementary character applicable to the aircraft will be determined by the conditions

## CUBA

### NATIONAL REGULATIONS AND REQUIREMENTS

existing during the trip or during the medical visit, without prejudice of the measures that the International Sanitary Regulation allows to apply to the aircraft coming from infected areas.

While flying in the airspace of the Republic of Cuba, it is prohibited to throw or let fall in the national territory or its jurisdictional waters any material that might cause epidemic diseases.

Aircraft arriving from foreign countries and landing at any of the international airports in the Republic of Cuba must have been fumigated in flight prior to such landing(s). If, owing to the origin of the aircraft, it may bring in vectors that might result in bringing in malaria or other mosquito carried diseases and the public health authority does not accept fumigation as correctly having been applied or locates any live mosquitoes on board, a new fumigation could be ordered.

Aircraft sanitary data contained in the aircraft General Declaration reflecting health conditions aboard and fumigations carried out must be presented to the sanitary authorities upon arrival.

Aircraft departing from the Republic of Cuba and proceeding to countries where the Aedes Aegypti mosquito has been exterminated must be fumigated at the time of departure.

## FEES

Fees for landing, parking, passenger service, and aeronautical services are applicable to any airport in Cuban territory and may vary from airport to airport.

Landing fees will not be applicable to aircraft involved in a missed takeoff or those landings required by Aeronautics Authority.

Exemptions: Foreign State Aircraft are exempted from landing, parking, and aeronautical services fees, when such states of registration offer equal exemption to Cuban State Aircraft.

## AIRPORTS OF ENTRY

Aircraft landing or taking off in/or from Cuba must perform their landing or last take-off in/or from an airport of entry (international airport).

Camagüey (Ignacio Agramonte Intl)	TUE WED FRI SAT SUN 1200–0400 UTC MON THU 1200–2300 UTC. Summer time: TUE WED FRI SAT SUN 1100–0300 UTC MON THU 1100–2200 UTC **
Cayo Coco (Jardines del Rey Intl)	1200–2359 UTC. Summer time: 1100–2300 UTC ***
Cayo Largo del Sur (Vilo Acuña Intl)	1200–2359 UTC. Summer time: 1100–2300 UTC *
Cienfuegos (Jaime González Intl)	1300–2100 UTC EXC FRI 1800–0200 UTC. Summer time: 1200–2000 UTC EXC FRI 1700–0100 UTC **
Havana (José Martí Intl)	24 hours

**CUBA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Holguin (Frank País Intl)	1200–0500 UTC. Summer time: 1100–0400 UTC **
Manzanillo (Sierra Maestra)	MON – FRI 1300–2100 UTC. Summer time: MON – FRI 1200–2000 UTC **
Santa Clara (Abel Santamaria)	1300–0700 UTC. Summer time: 1200–0600 UTC *
Santiago de Cuba (Antonio Maceo Intl)	1200–0500 UTC. Summer time: 1100–0400 UTC *
Varadero (Juan G. Gómez Intl)	24 Hours

\* Out of these hours with 24 hours prior notice.

\*\* Out of these hours with 48 hours prior notice.

\*\*\* Flight delays – open until 0500 UTC – Summer Time 0400 UTC – Previous coordination.



**DOMINICAN REPUBLIC  
NATIONAL REGULATIONS AND REQUIREMENTS**

## **PASSPORT AND VISA**

The requirements for passports and visas are contingent upon the following:

- a. Citizens of several countries to whom the Dominican Republic has given facilities, can travel to the country as tourists for a period no longer than sixty (60) days by obtaining a Tourist Card in any air transport company, travel agency or Dominican Consulate by a charge of ten dollars of United States (US\$10.00). For the use of this tourist card the Dominican Consular Visa is not necessary.
- b. Citizens from countries with which the Dominican Republic has signed bilateral agreements must have a valid regular passport, without need of the corresponding visa. Permission will be granted on arrival for a stay of up to ninety (90) days as a tourist.
- c. As for citizens from other countries, with which the Dominican Republic has diplomatic relations, except the agreement previously mentioned, it is necessary to obtain the Dominican visa in the Dominican Consulate of their respective jurisdiction, in order to travel to the country in any condition.
- d. In-transit passengers may remain at the airport waiting halls until their aircraft's departure, without any other formality than appearing in the corresponding list.
- e. In-transit passengers which arrive to the Dominican Republic and are intended to make connections with other flights in the same day, must have the correct documentation to continue flying to their destination. They can remain in Dominican territory during the limited hours necessary for the connection.
- f. The flight crew members on scheduled services to the Dominican Republic must figure in the corresponding list, and can remain at the airport, or in the nearest city until the departure of their aircraft without another formality.
- g. When the crew belongs to a non-scheduled aircraft to the Dominican Republic, they must figure in the corresponding list (General Declaration).

## **HEALTH**

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever, or smallpox.

## **AIRCRAFT ENTRY REQUIREMENTS**

### **GENERAL**

International flights into, from or over the Dominican airspace and territory shall be subject to the current Dominican Republic regulations relating to civil aviation.

Aircraft flying into or departing from Dominican Republic territory shall make their first landing at, or final departure from, an international airport.

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**DOMINICAN REPUBLIC  
NATIONAL REGULATIONS AND REQUIREMENTS**

**DESIGNATED AUTHORITIES**

Instituto Dominicano de Aviación Civil

Address:                      Oficinas Gubernamentales  
                                 Ave. México, Esq. Ave. Dr Delgado  
                                 Bloque "A", 2do Nivel  
                                 P.O Box 1180  
                                 Santo Domingo  
                                 República Dominicana

Tel:                            (809) 221-7909

Fax:                            (809) 221-8616

Internet:                    [www.idac.gov.do](http://www.idac.gov.do)

Junta de Aviación Civil

Address:                    Calle José Joaquín Pérez No. 106 Gazcue  
                                 Santo Domingo, D.N.  
                                 República Dominicana  
                                 Apartado Postal 11087

Tel:                            (809) 689-4167

Fax:                            (809) 689-4160

Email:                        [jacrd@jac.gob.do](mailto:jacrd@jac.gob.do)

Internet:                    [www.jac.gob.do](http://www.jac.gob.do)

Dirección General de Aduanas y Puertos

Address:                    Ave. México No. 48  
                                 Santo Domingo  
                                 República Dominicana

Tel:                            (809) 688-7070

Fax:                            (809) 687-7474

**SCHEDULED FLIGHTS****General**

For regular international scheduled flights operated by foreign airlines into or in transit through the Dominican Republic, shall comply with the following requirements:

**DOMINICAN REPUBLIC  
NATIONAL REGULATIONS AND REQUIREMENTS**

- a. The state of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement. In the lack of an agreement, the operation certificate concession will meet the reciprocal statement. The operation certificate validation will be determined by the economic importance of the service, initial inversion amount, and further investments necessary for the development and improvement of the service, as well as the profit derived from the operation.
- b. The airline shall be designated to operate the flights and be supported by bilateral and multi-lateral agreements on which the State of the airline and the Dominican Republic are signatories, and must have permission to operate into or in transit across the Dominican Republic. The request for obtaining permission shall be submitted to the Dirección General de Aeronáutica Civil at least 48 hours in advance.

**Documentary Requirements for Clearance of Aircraft**

The aircraft documents mentioned below shall be submitted by airline operators for clearance on entry and departure of their aircraft to and from the Dominican Republic. All documents must follow the ICAO standard format as set forth in the relevant *Appendices to Annex 9* (not published herein) and are acceptable when furnished in Spanish or English and completed in legible handwriting.

General Declaration — 1 copy

Weight and Balance Manifest or LDM Message — 1 copy

Cargo Manifest — 1 copy

Passenger Manifest — 1 copy

**NOTE:**

- a. *One copy of the General Declaration is endorsed and returned by Immigration, signifying clearance.*
- b. *If no passengers are embarking (or disembarking) and no articles are laden (or unladen), no aircraft documents except copies of the General Declaration need be submitted to the above authorities.*

**Public Health Measures Applied to Aircraft**

Arriving aircraft may land at any international airport in the Dominican Republic provided that the aircraft has been disinfected approximately thirty (30) minutes before arrival at the airport. This action must be properly recorded in the Health section of the General Declaration. The insecticide to be used must be one of those internationally recognized for this purpose. If in special circumstances, a second spraying of the aircraft on the ground is deemed necessary by the public health authorities, passengers and crew will be permitted to disembark beforehand.

**DOMINICAN REPUBLIC  
NATIONAL REGULATIONS AND REQUIREMENTS****NON-SCHEDULED FLIGHTS****General**

If an operator intends to carry out a series of nonscheduled flights in transit through, or making nontransit stops in the territory of the Dominican Republic, it is not necessary for the operator to obtain prior permission.

If an operator intends to perform a (series of) nonscheduled flight(s) into the Dominican Republic for the purpose of embarking or disembarking passengers, cargo and/or mail, it is necessary for the operator to apply to the Junta de Aviación Civil for permission to conduct such operations no less than forty eight (48) hours in advance of the intended landing. The application must include the following information in the order shown:

- a. name of operator;
- b. type of aircraft and aircraft registration;
- c. departure aerodrome; date and time of arrival;
- d. place or places of embarkation and disembarkation abroad, as the case may be, of passengers and/or freight;
- e. purpose of flight and number of passengers and/or nature and amount of freight; and
- f. name, address and nature of business, if applicable.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS**

The information contained in the Flight Plan is accepted as adequate advance notification of the arrival of an incoming aircraft with the exception stated below; such information must be transmitted so that it will be received by the aeronautical authorities concerned at least two (2) hours in advance of the arrival. The landing must be carried out at a previously designated international aerodrome.

**FEES**

Fees and charges are assessed for the use and services of airports and aeronautical services as determined by the Director General of Civil Aviation (Dirección General de Aeronáutica Civil). All fees must be paid prior to departure except if credit has been arranged with the Dirección General de Aeronáutica Civil, or regularly scheduled airlines that will be billed on the last day of each month. Payment will be paid in U.S. dollars or in Dominican Republic Pesos at a preferential exchange rate specified for this purpose.

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**DOMINICAN REPUBLIC  
NATIONAL REGULATIONS AND REQUIREMENTS****AIRPORTS OF ENTRY**

Higüey (Punta Cana Intl)

La Romana (Casa De Campo Intl)

Puerto Plata (Gregorio Luperón Intl)

Samana (El Catey Intl)

Santiago (Cibao Intl)

Santo Domingo (El Higuero Intl)

Santo Domingo (Las Américas Intl)

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**E CARIBBEAN STATES  
NATIONAL REGULATIONS AND REQUIREMENTS**

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**SPECIAL NOTICES**

AIP Eastern Caribbean contains Aeronautical Information concerning the following states and territories:

- Anguilla
- Antigua & Barbuda
- British Virgin Islands
- Dominica
- Grenada
- Montserrat
- St Kitts & Nevis
- St Lucia
- St Vincent & The Grenadines
- Trinidad & Tobago

International flights into, from or over the states listed above shall be subject to the current states regulations relating to civil aviation. These regulations correspond in all essentials to the Standards and Recommended Practices contained in Annex 9 to the Convention on International Civil Aviation.

**PASSPORT AND VISA**

No documents or visas are required of passengers arriving and departing on the same through flight or transferring to another flight at the same airport.

A person entering any of the states listed in a standard ICAO E/D card for the purposes of immigration must hold a valid passport and an immigration visa, the latter being issued at the relevant state's consulates abroad. Temporary visitors must be in possession of a valid passport, with the exception of nationals for whom official documents of identity are acceptable, as stated for the relevant states, such as a birth certificate, or driving license.

For flight crew members on scheduled services who keep possession of their licenses when embarking and disembarking, remain at the airport where the aircraft has stopped or within the confines of the cities adjacent thereto, and depart on the same aircraft or on their next regularly scheduled flight out of the relevant states, the crew member license or certificate is accepted in lieu of a passport or visa for temporary admission into the relevant states. This provision is also applicable if the crew member enters the relevant states by any other means of transport for the purpose of joining an aircraft.

**ADVANCED PASSENGER INFORMATION**

The Immigration (Advanced Passenger Information) Act No. 9 of 2008, requires all aircraft inbound to Trinidad and Tobago to transmit advanced passenger information on all passengers and crew members to the Chief Immigration Officer of Trinidad and Tobago.

## **E CARIBBEAN STATES NATIONAL REGULATIONS AND REQUIREMENTS**

Advanced Passenger information is information regarding each passenger and crew member on board and is mandatory for all inbound aircraft. This information must be transmitted prior to the departure of aircraft from the last port of call for Trinidad and Tobago. Details on the transmission of this information are published via AIC.

### **HEALTH**

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever, or smallpox.

### **AIRCRAFT ENTRY REQUIREMENTS**

Aircraft flying into or departing from the states listed above shall make their first landing at, or final departure from, an international airport.

### **SCHEDULED FLIGHTS**

#### **General**

For regular international scheduled flights operated by foreign airlines into or in transit across states listed above, the following requirements must be met:

- a. The state of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement.
- b. The airline must be eligible to make flights under the provisions of a bilateral or multilateral agreement to which the state of the airline and states listed above are contracting parties, and must have a permit to operate into or in transit across the relevant states within Piarco FIR, including Anguilla and B.V.I. Applications for such permits shall be submitted to the following authorities:

#### **1. Trinidad and Tobago**

The Secretary

Air Transport and Licensing Authority

c/o Trinidad and Tobago Civil Aviation Authority

#### **2. British Virgin Islands**

Air Safety Support International (ASSI)

Address: Floor 2 Northgate House  
115 High Street Crawley  
West Sussex  
UK  
RH10 1FY

Tel: +44 (0) 1 293 897000

Fax: +44 (0) 1 293 897049

E-Mail: [enquires@airsafety.aero](mailto:enquires@airsafety.aero)

## E CARIBBEAN STATES NATIONAL REGULATIONS AND REQUIREMENTS

### 3. All other Eastern Caribbean States

Director General of Civil Aviation

Eastern Caribbean States Civil Aviation Authority

#### Documentary Requirements for Clearance of Aircraft

It is necessary that the aircraft documents, listed under individual states, be submitted by airline operators for clearance on entry and departure of their aircraft to and from those states. All documents must follow the ICAO standard format as set forth in the relevant Appendices to Annex 9 (not published herein), and are acceptable when furnished in English and completed in legible handwriting. No visas are required in connection with such documents.

#### Public Health Procedures Applied to Aircraft

No public health measures are required to be carried out in respect of aircraft entering any state listed above with the following exception:

Aircraft arriving from states where yellow fever is endemic may land at any international airport in any state listed above, provided that the aircraft has been disinfected approximately thirty minutes before arrival. The insecticide used must be of an approved type. If, in special circumstances, a second spraying of the aircraft to be carried out on the ground is deemed necessary by the public health authorities, passengers and crew will be permitted to disembark beforehand.

## NON-SCHEDULED FLIGHTS

#### Procedures

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across, or making non-traffic stops in the territory of states listed above, it is not necessary for the operator to obtain prior permission.

If an operator intends to perform a (series of) non-scheduled flight(s) into the states listed above for the purpose of taking on or discharging passengers, cargo or mail, it is necessary for the operator to apply to the relevant Eastern Caribbean States Civil Aviation Administration, as listed below, for permission to carry out such operations not less than twenty-four hours in advance of the intended landing.

1. Director General of Civil Aviation  
Trinidad and Tobago Civil Aviation Authority
2. Director General of Civil Aviation  
Eastern Caribbean States Civil Aviation Authority
3. Air Safety Support International (ASSI)

The application must include the following information in the order shown hereunder:

- a. name of operator;
- b. type of aircraft and registration mark(s);



## **E CARIBBEAN STATES NATIONAL REGULATIONS AND REQUIREMENTS**

- c. date and time of arrival at, and departure from, the respective airport;
- d. place or places of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight;
- e. purpose of flight and number of passengers and/or nature and amount of freight;
- f. name, address and business of charterer, if any;
- g. third party liability insurance certificate;
- h. local handling agent.

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

### **PRIVATE FLIGHTS**

#### **Advance Notification of Arrival**

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft. Such information must be transmitted so that it will be received by the public authorities concerned at least two hours in advance of arrival. The landing must be carried out at the previously designated international airport.

#### **Documentary Requirements for Clearance of Aircraft**

No documents in addition to those mentioned under SCHEDULED FLIGHTS are required in the case of aircraft remaining within any State listed above. For a stay beyond a specified period, a "carnet de passages en douane" will be accepted in lieu of a bond or any other financial guarantee.

### **CUSTOMS**

Baggage or articles belonging to disembarking passengers and crew are immediately released except for those selected for inspection by customs authorities. Such baggage will be cleared on the basis of an oral declaration.

### **AIRPORT USE**

#### **LANDING AT OTHER THAN ALTERNATE AIRPORTS**

If a landing is made elsewhere than at an International Airport or a designated Alternate Airport, the pilot in command shall report the landing as soon as practicable to the Health, Customs and Immigration authorities at the International Airport at which the landing was scheduled to take place. This notification may be made through any available communication link.

### **FEES**

Charges apply to all airports administered by the Civil Aviation Administration of the respective states listed above. Unless an alternative arrangement has been made, all charges for use of an airport are payable by the pilot of the aircraft on demand, or before the aircraft departs.

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**E CARIBBEAN STATES  
NATIONAL REGULATIONS AND REQUIREMENTS****AIRPORTS OF ENTRY****Anguilla**

The Valley (Lloyd Intl)

**Antigua & Barbuda**

St. Johns (V.C. Bird Intl)

**Grenada**

St. Georges (Maurice Bishop Intl)

**St. Kitts & Nevis**

St. Kitts (Bradshaw Intl)

**St. Lucia**

Vieux Fort (Hewanorra Intl)

**St. Vincent & The Grenadines**

Kingstown (Argyle Intl)

**Trinidad and Tobago**

Port of Spain, Trinidad (Piarco Intl)

Scarborough, Tobago I (Robinson Intl)

**GRENADA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

**Refer to Entry Requirements, Eastern Caribbean States for requirements common to the Eastern Caribbean States of which Grenada is a member. Exceptions are listed herein.**

## **PASSPORT AND VISA**

Temporary visitors must also complete an ICAO E/D and be in possession of a valid passport with the exception of the following nationals for whom existing official documents of identity such as a birth certificate or driving license is accepted in lieu:

- a. Proof of Identity issued to a British subject being “Citizen of the United Kingdom and Colonies” or nationals of Canada or USA, provided that their stay is not excess of 6 months and that they hold return/onward tickets for further destinations;
- b. Military Identity Cards.

VISAs are required except for Nationals of Grenada and:

- a. British subject being “Citizen of the United Kingdom and Colonies”;
- b. Nationals of the Commonwealth of Nations, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Haiti, Iceland, Italy, Liechtenstein, Luxembourg, Netherlands, Norway, San Marino, Spain, Sweden, Switzerland, Tunisia, Turkey, Uruguay, USA, Venezuela (provided they hold return/onward tickets for next destinations);
- c. Holders of re-entry permits;
- d. Passengers continuing their journey within 14 days, provided that they hold onward/return tickets to next destination;
- e. Merchant seamen arriving to join a ship, or leaving by air on departing a ship;
- f. Transit passengers not leaving the airport.

## **HEALTH**

Refer to Entry Requirements, E Caribbean States for health requirements.

## **AIRCRAFT ENTRY REQUIREMENTS**

Refer to Entry Requirements, E Caribbean States for operations requiring prior permission.

### **AIRCRAFT DOCUMENTS REQUIRED (ARRIVAL/DEPARTURE)**

The following documents must be submitted by airline and aircraft operators for clearance on entry and departure of their aircraft to and from Grenada.

<b>Agency</b>	<b>General Declaration</b>	<b>Passenger Manifest</b>	<b>Cargo Manifest</b>
AIS	1	—	—
Customs	2	2	2
Immig.	2	2	—
Health	—	—	—

**GRENADA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

*NOTE: Immigration requires 2 copies of the Intransit Manifest.*

## **FEES**

- a. Landing of aircraft
- b. Parking of aircraft

The first six hours are free, thereafter: 15% of landing fee for every twenty-four hours or part thereof.

- c. Hangar charges
- d. Passenger service

All passengers departing for a foreign country from an international airport is charged an Airport Service and Security fee.

All arriving and departing, regional and international passengers are subjected to an Airport Capital Improvement Surcharge.

*Exemptions:* Passengers under the age of two years are exempted from the Airport Service and Security charge.

Scheduled and non-scheduled operations outside of the published operational hours are subject to a surcharge.

## **AIRPORTS OF ENTRY**

St. George's (Maurice Bishop Intl)/TGPY

**GUADELOUPE**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## **PASSPORT AND VISA**

### **ENTRY**

A valid passport, or equivalent document, with an entry visa (or French prefectural return visa) is required for entry, with the following exceptions:

- a. French nationals need hold only one of the following documents:
  - valid passport;
  - passport expired by less than five (5) years;
  - national identity card; or
  - foreigner passbook issued by Swiss authorities.
- b. Nationals of the following countries are exempted from the entry visa requirement for a stay not exceeding three (3) months:

Algeria	Australia	Benin
Canada	Cote d'Ivoire	Cyprus
Denmark	Djibouti	Finland
Gabon	Great Britain	Iceland
Iran	Ireland	Israel
Japan	Malaysia	Malta
Morocco	New Zealand	Niger
Norway	Portugal	Senegal
South Korea	Spain	Sweden
Tunisia	U.S.A.	

- c. Members of the Armed Forces from NATO member countries: Germany, Belgium, Canada, Denmark, Greece, Italy, Iceland, Luxemburg, Norway, The Netherlands, Portugal, United-Kingdom, Turkey and the U.S.A., are exempted from passport and visa, provided they are holders of a military identity card and a mission order.
- d. Crew members who are nationals of ICAO member states may use their crew member license in lieu of a passport and visa provided they remain in the airport or within the proximity of the associated community as provided in ICAO Annex 9.

All persons disembarking in Guadeloupe must hold either a return trip deposit, a return or on-going ticket, or an administrative waiver.

### **TRANSIT**

Transit passengers must have a valid passport and a transit visa, except a transit visa is not required of passengers who:

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**GUADELOUPE**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

- would normally be exempted from the entry visa requirement; or
- will not be leaving the airport.

**DEPARTURE**

Upon departure, visitors must produce the documents required for entry.

**HEALTH**

Yellow fever vaccination certificates are required of all travelers arriving from infected areas.

**HEALTH MEASURES APPLICABLE TO AIRCRAFT**

During normal health periods, no health measure is applicable to aircraft.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

All flights to, from, or overflying the territory of Guadeloupe must be carried out in accord with the Civil Aviation regulations in effect in this French Territory.

All aircraft conducting international operations must first land at and finally depart from an international airport where customs, police, and health services are available.

**DESIGNATED AUTHORITIES****Civil Aviation Authority – France**

Direction Générale de l'Aviation Civile

Address: 50, rue Henry FARMAN  
75720 PARIS  
France  
CEDEX 15

Tel: 01 58 09 43 21

Fax: 01 58 09 38 64

AFTN: LFPSYAYD

**Regional Authority – French Caribbean Territories**

Direction de l'Aviation Civile aux Antilles et en Guyane

Address: BP 644  
97262 FORT DE FRANCE  
Martinique  
CEDEX

Tel: 0596 55 60 00

Fax: 0596 60 02 09 (direction)

0596 63 47 06 (technique)

**GUADELOUPE  
NATIONAL REGULATIONS AND REQUIREMENTS**

0596 60 54 71 (administration)

**District Authority – Guadeloupe**

Aérodrome de Pointe a Pitre

Address: BP 460  
97164 POINTE A PITRE  
Guadeloupe  
CEDEX

Tel: 0590 48 20 20

Fax: 0590 48 20 00

**SCHEDULED FLIGHTS****Overflight and Technical Stop**

Aircraft from airlines belonging to countries which signed the bilateral transit agreement or possessing equivalent rights by a bilateral agreement signed with France, can overfly the Guadeloupe territory under the conditions prescribed in the said agreements.

In all other cases, a clearance request shall be submitted via diplomatic channels to the Ministry of Foreign Affairs.

**Commercial Stop**

Commercial operation of a scheduled international flight to or from Guadeloupe should be performed under:

- either the provisions contained in the air agreements signed between France and the foreign countries governing the operator airlines;
- or specific clearances delivered by the French Government.

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the under mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from Guadeloupe. All documents listed below must follow the ICAO standard format as set forth in the relevant *Appendices to Annex 9*.

Required by	Customs	Police	Health	Airport Authority
Traffic Forms	—	—	—	2 copies
General Declaration	1 copy	1 copy	1 copy <sup>1</sup>	—
Passenger Manifest <sup>2</sup>	—	1 copy	—	—
Cargo Manifest	1 copy	—	—	—

**GUADELOUPE  
NATIONAL REGULATIONS AND REQUIREMENTS**

Required by	Customs	Police	Health	Airport Authority
List of Stores <sup>3</sup>	1 copy	—	—	—
<sup>1</sup> When required by the health services.				
<sup>2</sup> On request from the service concerned.				
<sup>3</sup> Except when aircraft supplies remain onboard under Customs surveillance.				

Airline companies, required to submit two (2) copies of the Traffic Form to airport authorities, are not required to submit the Passenger Manifest.

Airlines are also exempted from transmitting a general statement, provided the sincerity assessment provided in the said statement is duplicated on a sheet of the cargo manifest transmitted to the Customs Service.

However, the sanitary statement provided in the general statement should be transmitted on arrival to the Sanitary Service when it includes positive information or if it mentions the sanitary surveillance of a passenger.

A single copy of the Traffic Form must be submitted to the airport authorities within 24 hours of landing or taking off. The Traffic Form is also required for supplemental services of a scheduled line.

## **NON-SCHEDULED COMMERCIAL FLIGHTS**

Overflights and technical landings conducted by companies coming from ICAO member states or, pursuant to bilateral agreements with France, having the benefit of rights equivalent to those mentioned in Article 5 of the Chicago Convention, may overfly the territory of Guadeloupe under the conditions set forth in said Convention or said Agreements, as long as these countries grant the same facilities to French aircraft. In all other cases, an authorization request must be submitted via diplomatic channels.

### **Commercial Flights by Aircraft / Companies Under the Jurisdiction of Non-ICAO Member States**

Prior authorization is required of all such flight operations conducted into French territory. Requests should be submitted via diplomatic channels to the Ministry of Foreign Affairs. This request for authorization must reach the Ministry of Foreign Affairs at least 20 days in advance of the proposed flight operation.

### **Commercial Flights by Aircraft / Companies Under the Jurisdiction of ICAO Member States**

The request should be received ten days before the date of the flight (or of the first flight in case of series),

The following information should be provided:

- name and address of the transport agent;
- type of aircraft used with indication of the nationality of registration and the capacity;



## GUADELOUPE NATIONAL REGULATIONS AND REQUIREMENTS

- owner of aircraft if different from the transport agent;
- full travel route;
- estimated dates and times for stops, specially in the French territory;
- in case of a chartered flight, name and address of the charter agent, number of passengers;
- type and quantity of transported freight;
- name and position of the person signing the request.

The request should be addressed by the transport agent to the:

Civil Aviation Authority (DGAC)

Direction du Transport Aérien (DTA)

Bureau des Services Internationaux (SDTI)

Address: 50, rue Henry FARMAN  
75720 PARIS

France

CEDEX 15

Tel: 01 58 09 36 38/39 62

Fax: 01 58 09 38 65

and be received ten days before the date of the flight or one month before the date of the first flight in case of a flight series. The request should be established on form B (Appendix II).

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for **SCHEDULED FLIGHTS**. However, the traffic form must be transmitted to the airport authorities immediately after landing and before takeoff of the aircraft.

## **PRIVATE FLIGHTS**

### **Aircraft Registered in ICAO Member States**

The information given in the flight plan is generally accepted as adequate notice of arrival by the French authorities. However, for aircraft registered in countries that do not give the same consideration to French private aircraft, a prior authorization requested through diplomatic channels is required.

### **Aircraft Registered in Non-ICAO Member States**

Prior authorization is required of any aircraft planning to overfly or land in the French territories, such request to be made through diplomatic channels.

### **Documentary Requirements for Private Aircraft**

The following documents must be carried on board at all times, and must be made available to any official authority on request:

- valid certificate of airworthiness and associated documents, or special travel pass;

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**GUADELOUPE**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

- registration certificate or equivalent document;
- crew-member's licenses and certificates;
- specific equipment operating instructions, especially as related to rescue operations;
- Aircraft logbook or general declaration signed by the air traffic agencies.

**AIRPORTS OF ENTRY**

Pointe-a-Pitre (Le Raizet)

## HAITI NATIONAL REGULATIONS AND REQUIREMENTS

### PASSPORT

No documents or visas are required of passengers arriving and departing on the same through flight or transferring to another flight at the same airport.

A person entering Haiti for the purpose of immigration must hold a valid passport and an immigration visa, the latter being issued at Haiti consulates abroad. Temporary visitors must be in possession of a valid passport as well as an entry visa with the exception of visitors carrying the following documentation

- a. Pass issued by the United Nations
- b. Official travel order issued to a member of U.S. armed forces in uniform.
- c. Proof of citizenship (e.g., birth certificates) issued to nationals of Canada and U.S.A. for a maximum stay of 30 days.
- d. Seaman book issued to nationals of any country.

Entrance visas are required from temporary visitors with the exception of the following:

- a. Returning alien residents holding a “permis de retour”
- b. Nationals of Canada and U.S.A. (maximum stay of 30 days)
- c. Holders of British passport with, “United Kingdom of Great Britain and Northern Ireland” or “Jersey” or “Guernsey and its dependencies” or “Isle of Man” printed on the front cover (maximum stay of 3 months)
- d. Nationals of Austria, Belgium, Denmark, France, Germany, Israel, Liechtenstein, Luxembourg, Monaco, Netherlands, Norway, Sweden, and Switzerland (maximum stay of 3 months)

The standard ICAO E/D card is required of any national from any country.

For flight crew members on scheduled services who keep possession of their licences when embarking and stopped or within the confines of the cities adjacent thereto, and depart on the same aircraft or on their next regularly scheduled flight out of Haiti, the crew member license or certificate is accepted in lieu of a passport or visa for temporary admission into Haiti. This provision is also applicable if the crewmember enters Haiti by other means of transport for the purpose of joining an aircraft.

### HEALTH

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever or smallpox.

### DESIGNATED AUTHORITIES

#### CIVIL AVIATION ADMINISTRATION

Office National de l'Aviation Civile (OFNAC)

Address: Boulevard Toussaint Louverture Delmas

**HAITI**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Port-au-Prince

HAITI

HT 6110

Tel: (509) 2910-2229

AFS: MTEGYAYX

## **CUSTOMS**

Administration Générale des Douanes

Direction des Douanes Aéroport

Address: Aéroport Toussaint Louverture Delmas

Port-au-Prince

HAITI

Tel: (509) 2250-1371 / 2250-1379

Fax: (509) 2246-2201 / 2246-4405

## **AIRCRAFT ENTRY REQUIREMENTS**

### **GENERAL**

International flights into, from or over Haiti territory shall be subject to the current Haiti regulations relating to Civil Aviation. These regulations correspond in all essentials to the Standards and recommended Practices contained in Annex 9 to the Convention in International Civil Aviation.

Aircraft landing in or departing from the territory of Haiti must first land at or finally depart from an international airport.

If a landing is made other than at an international designated alternate airport, the pilot-in-command shall report the landing as soon as practicable to the health, customs and immigration authorities at the international airport at which the landing was scheduled to take place. This notification may be made through any available communication link.

### **SCHEDULED FLIGHTS**

#### **General**

For regular international scheduled flights operated by foreign airlines into or in transit across Haiti, the following requirements must be met:

The airline must be eligible to make the flights under the provisions of a bilateral or multilateral agreement to which the state of the airline and Haiti are contracting parties, and must have a permit to operate into or in transit across Haiti. Applications for such permits shall be submitted at least 90 days in advance to:

OFNAC

Address: P.O. Box 1346

Port-au-Prince

**HAITI**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

HT  
6110 HAITI

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the undermentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from Haiti. All documents listed below must follow the ICAO standard format as set forth in the relevant Appendices to Annex 9 and are acceptable when submitted in English, French, Spanish or Russian and completed in legible handwriting. No visas are required in connection with such documents.

**Aircraft Documents Required (Arrival/Departure)**

Required by	General Declaration	Passenger Manifest	Cargo Manifest
Customs Administration	0	0	4
Immigration Service	1	1	0
Security Service	1	1	0
Operations Service	1	2	2

**NOTE:**

- a. *The general declaration will have to be signed either by the designated agent or by the pilot-in-command and duly filled in.*
- b. *The passenger and cargo manifest will have to be signed, either by the designated agent or the pilot-in-command.*
- c. *If no passengers are embarking (or disembarking) and no articles are laden (or unladen) no aircraft documents except copies of the general declaration need to be submitted to the above authorities.*

**NON-SCHEDULED FLIGHTS**

**Procedures**

If an operator intends to carry out a (series of nonscheduled) flight(s) in transit across, or making nontraffic stops in the territory of Haiti, it is not necessary for the operator to obtain prior permission.

If an operator intends to perform a (series of nonscheduled) flight(s) into Haiti for the purpose of taking on or discharging passengers, cargo or mail, it is necessary for the operator to apply to OFNAC for permission to carry out such operations not less than twenty-four hours in advance of the intended landing. The application must include the following information in the order shown hereunder:

- a. name of operator
- b. type of aircraft and registration marks
- c. date and time of arrival at, and departure from the international Airports of Port-au-Prince or Cap-Haitien

**HAITI**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

- d. place or places of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight
- e. purpose of flight and number of passengers and/or nature and amount of freight
- f. name, address and business of charterer if any.

**Documentary Requirements for Clearance of Aircraft**

Same requirement as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS**

**Advance Notification of Arrival**

Flights inbound to Haiti have to notify OFNAC not less than twenty-four hours in advance of their intended landing. The notification must include the following information in the order shown hereunder:

- a. name of the pilot
- b. type of aircraft and registration marks
- c. number of passengers
- d. airport of departure
- e. date and time of arrival

Following the notification, a flight plan shall be submitted to the appropriate Civil Aviation Authority prior to take off.

For reasons of safety of flight special permission in addition to the filing of a flight plan is required for every aircraft from Cuba.

Application for permission must be submitted to OFNAC at least three days in advance of the entry into the airspace over Haiti.

**Documentary Requirements for Clearance of Aircraft**

No documents in addition to those mentioned under Scheduled Flights are required in the case of an aircraft remaining within Haiti for less than ninety days. For a stay beyond ninety days after the date of arrival an application for Haitian registration marks must be submitted to the "Office National de l'Aviation Civile".

**FEES**

Fees and charges are assessed for the use and services of the airport and are payable upon demand or before the aircraft departs the airport. Port-au-Prince and Cap Haitien each have their own schedule of fees. Passengers departing either airport for foreign countries are assessed a departure fee.

**HAITI****NATIONAL REGULATIONS AND REQUIREMENTS****AIRPORTS OF ENTRY**

Cap Haitien (Intl) MTCH<sup>1</sup>

Port-au-Prince (Intl) MTPP<sup>2</sup>

<sup>1</sup> MON–FRI: 1200–2300 UTC; SAT, SUN+HOL.: 1200–2300 UTC

<sup>2</sup> MON–FRI: 1100–0300 UTC; SAT, SUN+HOL.: 1100–0300 UTC

## JAMAICA NATIONAL REGULATIONS AND REQUIREMENTS

### PASSPORT

Temporary visitors must be in possession of a valid passport with the exception of the following nationals from whom existing official documents of identity such as expired passports, national registration cards or alien resident permits are acceptable in lieu of a valid passport: United States and Commonwealth Citizens.

### VISA

No documents or visas are required of passengers arriving and departing on the same thru flight or transferring to another flight at the airport.

A person entering Jamaica for the purpose of immigration must hold a valid passport and an immigration visa, the latter being issued at foreign consulates abroad.

For flight crew members on scheduled services who keep possession of their licences when embarking and disembarking, remain at the airport where the aircraft has stopped or within the confines of the cities adjacent thereto, and depart on the same aircraft or on their next regularly scheduled flight out of Jamaica, the crew member licence or certificate is accepted in lieu of a passport or visa for temporary admission into Jamaica. This provision is also applicable if the crew member enters Jamaica by other means of transport for the purpose of joining an aircraft.

### HEALTH

#### PUBLIC HEALTH REQUIREMENTS

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever or smallpox.

#### PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT

No public health measures are required to be carried out in respect of aircraft entering Jamaica.

### AIRCRAFT ENTRY REQUIREMENTS

#### GENERAL

International flights into, from or over Jamaica territory shall be subject to the current Jamaica regulations relating to Civil Aviation. These regulations correspond to ICAO Standard and Recommended Practices.

Aircraft flying into or departing from Jamaica territory shall make their first landing at, or final departure from, an international aerodrome.

Flight plans must be filed with an AIS/ATS unit serving the aerodrome of departure in respect of all international flights which will enter or transit the Kingston Flight Information Region. In order that the Air Traffic Control Services will have as much advance notification as possible of such flights, flight plans should be submitted at least sixty minutes prior to departure.

Appropriate arrangements can be made with the AIS for submission of repetitive flight plans, and any subsequent changes thereafter made in a timely manner.



**JAMAICA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## **SCHEDULED FLIGHTS**

### **General**

For regular international scheduled flights operated by foreign operators into or in transit across Jamaica, the following requirements must be met:

- a. the State of the operator/airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement, Jamaica is a party to both Agreements;
- b. the operator/airline must be eligible to make the flights under the provisions of a bilateral or multilateral agreement to which the State of the operator/airline and Jamaica are contracting parties and must have a permit to operate into or in transit across Jamaica. Applications for such permits shall be submitted to Director General at the address below:

The Director General

Address: Jamaica Civil Aviation Authority (JCAA)  
P.O. Box 8998  
Central Sorting Office  
Kingston  
Jamaica, W.I.

- c. the operator/airline must be granted an air service (economic) license by the JCAA to operate into Jamaica. Applications for such air service license shall be submitted on the prescribed form at least 60 days in advance of the intended operation.
- d. following the grant of an air service (economic) license by the JCAA, the operator/airline must make adequate scheduling arrangements with the relevant scheduling authority within the Airports Authority of Jamaica before commencing operations into any airport within Jamaica.

### **Documentary Requirements for Clearance of Aircraft**

It is necessary that the undermentioned aircraft documents be submitted by operators for clearance on entry and departure of their aircraft to and from Jamaica. All documents listed below must follow the ICAO standard format as set forth in the relevant Appendices to Annex 9 and are acceptable when furnished in English and completed in legible handwriting. No visas are required in connection with such documents.

## JAMAICA NATIONAL REGULATIONS AND REQUIREMENTS

### Aircraft Documents Required

#### Arrival

Required by	General Declaration	Passenger Manifest	Cargo Manifest
Immig.	2	2	Nil
Customs	1	Nil	3
Health	1	Nil	Nil

#### Departure

Required by	General Declaration	Passenger Manifest	Cargo Manifest
Immig.	1	1	Nil
Customs	1	Nil	2
Health	1	Nil	Nil

*NOTE 1: One copy of the General Declaration is endorsed and returned by customs, signifying clearance.*

*NOTE 2: If no passengers are embarking (disembarking) and no articles are laden (unladen), no aircraft documents except copies of the General Declaration need be submitted to the above authorities.*

## NON-SCHEDULED FLIGHTS

### Procedures

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across, or making non-traffic stops in, the territory of Jamaica, it is not necessary for the operator to obtain prior permission.

If an operator intends to perform a (series of) non-scheduled flight(s) into Jamaica for the purpose of taking on or discharging passengers, cargo or mail, it is necessary for the operator to apply to

- a. the Director General of the Jamaica Civil Aviation Authority if the duration of the operation will be 30 days or less; or
- b. the JCAA Board if the duration of the operation will be in excess of 30 days.

Application in respect of (a) above must be submitted in writing at least 15 days in advance of the intended operation to the Director General of the Jamaica Civil Aviation Authority.

Applications in respect of (b) above must be submitted in writing at least 60 days in advance of the intended operation to the Director General of Civil Aviation. In each case the application shall contain the following information in the order shown hereunder.

- a. name of operator;

## JAMAICA NATIONAL REGULATIONS AND REQUIREMENTS

- b. type of aircraft and registration marks;
- c. date and time of arrival at, and departure from appropriate aerodrome;
- d. place or places of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight;
- e. purpose of flight and number of passengers and/or nature and amount of freight; and
- f. name, address and business of charterer, if any;
- g. name of airport handling agent in Jamaica.

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

### **PRIVATE FLIGHTS**

#### **Advance Notification of Arrival**

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft. Such information must be transmitted so that it will be received by the public authorities concerned at least two hours in advance of arrival; the landing must be carried out at a previously designated international aerodrome.

#### **Documentary Requirements for Clearance of Aircraft**

Same requirements as SCHEDULED FLIGHTS.

### **FEES**

Fees are assessed for use of airports and navigation services. Air transport hearing, licensing and permit charges also apply.

### **AIRPORTS OF ENTRY**

Kingston (Norman Manley Intl) MKJP

Parking of light aircraft on gates 11, 12 and 14 is limited to one hour only. Pilots of aircraft intending to stop over for more than one hour shall co-ordinate this with the aerodrome operator and obtain instructions as to the specific parking area(s).

Montego Bay (Sangster Intl) MKJS

Overnight and long stay parking will not be permitted without permission of the Airside Operations Manager, MBJ Limited, Montego Bay/Sangster International Airport. Applications shall be made at least 24 hours in advance of the planned arrival.

Pilots-in-command of foreign registered aircraft shall obtain a Coastwise Clearance from the Customs Authorities at the 'AIRPORT OF ENTRY' to operate into either Port Antonio/Ken Jones, Kingston/Tinson Pen, Negril, or Ocho Rios/Boscobel.

**MARTINIQUE**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## **PASSPORT AND VISA**

### **ENTRY**

A valid passport, or equivalent document, with an entry visa (or French prefectural return visa) is required for entry, with the following exceptions:

- a. French nationals need hold only one of the following documents:
  - valid passport;
  - passport expired for less than five (5) years;
  - national identity card; or
  - foreigner passbook issued by Swiss authorities.
- b. Nationals of the following countries are exempted from the entry visa requirement for a stay not exceeding three (3) months:

Algeria	Australia	Benin
Canada	Cote d'Ivoire	Cyprus
Denmark	Djibouti	Finland
Gabon	Great Britain	Iceland
Iran	Ireland	Israel
Japan	Malaysia	Malta
Morocco	New Zealand	Niger
Norway	Portugal	Senegal
South Korea	Spain	Sweden
Tunisia	U.S.A.	

- c. Members of the Armed Forces from NATO member countries: Germany, Belgium, Canada, Denmark, Greece, Italy, Iceland, Luxemburg, Norway, The Netherlands, Portugal, United-Kingdom, Turkey and the U.S.A., are exempted from passport and visa, provided they are holders of a military identity card and a mission order.
- d. Crew members who are nationals of ICAO member states may use their crew member license in lieu of a passport and visa provided they remain on the airport or within the proximity of the associated community as provided in ICAO Annex 9.

All persons disembarking in Martinique must hold either a return trip deposit, a return or on-going ticket, or an administrative waiver.

### **TRANSIT**

Transit passengers must have a valid passport and a transit visa, except a transit visa is not required of passengers who:

## MARTINIQUE NATIONAL REGULATIONS AND REQUIREMENTS

- would normally be exempted from the entry visa requirement; or
- will not be leaving the airport.

### DEPARTURE

Upon departure, visitors must produce the documents required for entry.

### HEALTH

Yellow fever vaccination certificates are required of all travelers arriving from infected areas.

### HEALTH MEASURES APPLICABLE TO AIRCRAFT

During normal health periods, no health measure is applicable to aircraft.

### AIRCRAFT ENTRY REQUIREMENTS

#### GENERAL

All flights to, from, or overflying the territory of Martinique must be carried out in accord with the Civil Aviation regulations in effect in this French Territory.

All aircraft conducting international operations must first land at and finally depart from an international airport where customs, police, and health services are available.

#### DESIGNATED AUTHORITIES

##### Civil Aviation Authority – France

Direction Générale de l'Aviation Civile

Address: 50, rue Henry FARMAN  
75720 PARIS  
France  
CEDEX 15

Tel: 01 58 09 43 21

Fax: 01 58 09 38 64

AFTN: LFPSYAYD

##### Regional Authority – French Caribbean Territories

Direction de l'Aviation Civile aux Antilles et en Guyane

Address: BP 644  
97262 FORT DE FRANCE  
Martinique  
CEDEX

Tel: 0596 55 60 00

Fax: 0596 60 02 09 (direction)

0596 63 47 06 (technique)

**MARTINIQUE**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

0596 60 54 71 (administration)

**District Authority – Martinique**

Aérodrome de Aimé Césaire

Address: 97232 LE LAMENTIN

Martinique

Tel: 0596 42 24 24

0596 42 25 24 (BPD)

Fax: 0596 51 65 58 (district)

0596 51 10 63 (BDP)

**SCHEDULED FLIGHTS**

**Overflight and technical stop**

Aircraft from airlines belonging to countries which signed the bilateral transit agreement or possessing equivalent rights by a bilateral agreement signed with France, can overfly the Martinique territory under the conditions prescribed in the said agreements.

In all other cases, a clearance request shall be submitted via diplomatic channels to the Ministry of Foreign Affairs.

**Commercial stop**

Commercial operation of a scheduled international flight to or from Guadeloupe should be performed under:

- either the provisions contained in the air agreements signed between France and the foreign countries governing the operator airlines;
- or specific clearances delivered by the French Government.

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the under mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from Martinique. All documents listed below must follow the ICAO standard format as set forth in the relevant *Appendices to Annex 9*.

Required by	Customs	Police	Health	Airport Authority
Traffic Forms	—	—	—	2 copies
General Declaration	1 copy	1 copy	1 copy <sup>1</sup>	—
Passenger Manifest <sup>2</sup>	—	1 copy	—	—
Cargo Manifest	1 copy	—	—	—

**MARTINIQUE  
NATIONAL REGULATIONS AND REQUIREMENTS**

Required by	Customs	Police	Health	Airport Authority
List of Stores <sup>3</sup>	1 copy	—	—	—

<sup>1</sup> When required by the health services.

<sup>2</sup> On request from the service concerned.

<sup>3</sup> Except when aircraft supplies remain onboard under Customs surveillance.

Airline companies, required to submit two (2) copies of the Traffic Form to airport authorities, are not required to submit the Passenger Manifest.

Airlines are also exempted from transmitting a general statement, provided the sincerity assessment provided in the said statement is duplicated on a sheet of the cargo manifest transmitted to the Customs Service.

However, the sanitary statement provided in the general statement should be transmitted on arrival to the Sanitary Service when it includes positive information or if it mentions the sanitary surveillance of a passenger.

A single copy of the Traffic Form must be submitted to the airport authorities within 24 hours of landing or taking off. The Traffic Form is also required for supplemental services of a scheduled line.

## **NON-SCHEDULED COMMERCIAL FLIGHTS**

### **Overflight and Non-Commercial Stops**

Overflights and technical landings conducted by companies coming from ICAO member states or, pursuant to bilateral agreements with France, having the benefit of rights equivalent to those mentioned in Article 5 of the Chicago Convention, may overfly the territory of Martinique under the conditions set forth in said Convention or said Agreements, as long as these countries grant the same facilities to French aircraft. In all other cases, an authorization request must be submitted via diplomatic channels.

### **Commercial Flights by Aircraft / Companies under the Jurisdiction of non-ICAO Member States**

Prior authorization is required of all such flight operations conducted into French territory. Requests should be submitted via diplomatic channels to the Ministry of Foreign Affairs. This request for authorization must reach the Ministry of Foreign Affairs at least 20 days in advance of the proposed flight operation.

### **Commercial Flights by Aircraft / Companies under the Jurisdiction of ICAO Member States**

The request should be received ten days before the date of the flight (or of the first flight in case of a series).

The following information should be provided:

- name and address of the transport agent;

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NATIONAL REGULATIONS AND REQUIREMENTS**

- type of aircraft used with indication of the nationality of registration and the capacity;
- owner of aircraft if different from the transport agent;
- full travel route;
- estimated dates and times for stops, specially in the French territory;
- In case of a chartered flight, name and address of the charter agent, number of passengers;
- type and quantity of transported freight;

The request should be addressed by the transport agent to the:

Civil Aviation Authority (DGAC)

Direction du Transport Aerien (DTA)

Bureau des Services Internationaux (SDTI)

Address:           50, rue Henry FARMAN  
                      75720 PARIS  
                      France  
                      CEDEX 15

Tel:                01 58 09 36 38/39 62

Fax:                01 58 09 38 65

and be received ten days before the date of the flight or one month before the date of the first flight in case of a flight series. The request should be established on form B (Appendix II).

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for scheduled flights. However, the traffic form must be transmitted to the airport authorities immediately after landing and before takeoff of the aircraft.

**PRIVATE FLIGHTS**

**Aircraft Registered In ICAO Member States**

The information given in the flight plan is generally accepted as adequate notice of arrival by the French authorities. However, for aircraft registered in countries that do not give the same consideration to French private aircraft, a prior authorization requested through diplomatic channels is required.

**Aircraft Registered In Non-ICAO Member States**

Prior authorization is required of any aircraft planning to overfly or land in the French territories, such request to be made through diplomatic channels.

**Documentary Requirements for Private Aircraft**

The following documents must be carried on board at all times, and must be made available to any official authority on request:

- valid certificate of airworthiness and associated documents, or special travel pass;



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- registration certificate or equivalent document;
- crew member's licenses and certificates;
- specific equipment operating instructions, especially as related to rescue operations;
- Aircraft logbook or general declaration signed by the air traffic agencies.

## **AIRPORTS OF ENTRY**

Aimé Césaire (Le Lamentin)

## NEVIS I NATIONAL REGULATIONS AND REQUIREMENTS

Refer to Entry Requirements, Eastern Caribbean States for requirements common to the Eastern Caribbean States of which Nevis I is a member. Exceptions are listed herein.

### PASSPORT AND VISA

Temporary visitors must complete an ICAO E/D card and be in possession of a valid passport, with the exception of the following nationals for whom existing official documents of identity, such as a birth certificate or driving license is accepted in lieu:

- a. Proof of identity nationals of the USA and Canada;
- b. Seaman's Book (traveling on duty)

Visas are required for nationals of the following countries:

Albania, Bulgaria, Cuba, The Czech Republic, Slovakia, Germany, Haiti, Hungary, Korea North, Mongolia (Peoples' Republic), Poland, Romania, Russia, Vietnam (Socialist Republic), Yugoslavia.

### HEALTH

Refer to Entry Requirements, E Caribbean States for health requirements.

### AIRCRAFT ENTRY REQUIREMENTS

All private and non-scheduled commercial aircraft overflying or landing for non-commercial purposes need not obtain prior approval.

Refer to Entry Requirements, E Caribbean States for operations requiring prior permission.

### AIRCRAFT DOCUMENTS REQUIRED (ARRIVAL/DEPARTURE)

The following documents must be submitted by airline and aircraft operators for clearance on entry and departure of their aircraft to and from Nevis I.

Agency	General Declaration	Passenger Manifest	Cargo Manifest
ATC	—	—	—
Customs	1	1	1
Immigration	1	1	—
Health	—	—	—

*NOTE 1: One copy of the General Declaration is endorsed and returned by Customs, signifying clearance.*

*NOTE 2: This is the case with respect to private operation, however, for commercial operation, a cargo manifest is completed indicating NIL cargo.*

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**NEVIS I**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

## **FEES**

A charge for the use of navigation aids including communications is levied on aircraft. Additionally, landing, use of airport, cargo, and passenger fees apply. The following are exempted from the Airport Departure Tax:

- a. Intransit passengers remaining less than twenty-four hours.
- b. Heads of State / Heads of Government.
- c. Judges, Ministers, senior officials and other personnel traveling on official business or persons who have been issued with formal exemption.

A surcharge is assessed for aircraft landing between 2200 and 0100 UTC; a larger surcharge is assessed for landings after 0100 UTC.

Consult airport authorities for amounts and methods of payments.

## **AIRPORTS OF ENTRY**

Nevis I (Vance Winkworth Amory)/TKPN

**NETH ANTILLES  
NATIONAL REGULATIONS AND REQUIREMENTS**

## **GENERAL**

Information on these National Regulations and Requirements pages are applicable to the following Neth Antilles Islands listed below and are hereinafter referred to as the Dutch Caribbean territory:

- Curaçao
- St. Maarten
- Bonaire
- Saba
- St. Eustatius

## **PASSPORT AND VISA**

No documents or visas are required of passengers arriving and departing on the same through flight or transferring to another flight at the same airport, provided they remain in the transit area. If leaving the transit area for more than 48 hours, a visa will be required.

A person entering the Dutch Caribbean for the purpose of immigration must hold a valid passport and an immigration visa, the latter being issued at the embassies or consulates of The Netherlands abroad.

The visa is valid for the territory of the Dutch Caribbean (*excluding Aruba*).

Temporary visitors in possession of a visa for the Dutch Caribbean territory may travel between the islands of Curaçao, St. Maarten, Bonaire, St. Eustatius and Saba (BES islands).

People from the following nationalities may enter with a valid passport and with a Dutch Caribbean visa or a valid Schengen/American multiple visa:

- Colombian
- Bolivian
- Peruvian
- Dominican
- Haitian

The 26 Schengen countries are:

Austria	Hungary	Norway
Belgium	Iceland	Poland
Czech Republic	Italy	Portugal
Denmark	Latvia	Slovakia
Estonia	Liechtenstein	Slovenia
Finland	Lithuania	Spain

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France	Luxembourg	Sweden
Germany	Malta	Switzerland
Greece	Netherlands	

No entry visas are required for temporary visitors from the following states:

Andorra	Germany	Nicaragua
Antigua & Barbuda	Greece	Norway
Argentina	Grenada	Panama
Australia	Guatemala	Paraguay
Austria	Guyana	Poland
Bahamas	Honduras	Portugal
Barbados	Hungary	Romania
Belgium	Hong Kong: BNO	San Marino
Belize	Hong Kong: SAR	Singapore
Bolivia	Iceland	Slovakia
Brazil	Ireland	Slovenia
Brunei	Israel	Spain
Bulgaria	Italy	St. Christopher and Nevis (St. Kitts)
Canada	Jamaica	St. Lucia
Chile	Japan	St. Vincent and the Grenadines
Costa Rica	Korea (South)	Suriname
Croatia	Latvia	Sweden
Cyprus	Liechtenstein	Switzerland
Czech Republic	Lithuania	Trinidad & Tobago
Denmark	Luxembourg	Turkey*
Dominica	Macao: SAR	United Kingdom
Ecuador	Malaysia	Uruguay
El Salvador	Malta	U.S.A.
Estonia	Mexico	Vatican City
Finland	Monaco	Venezuela

**NETH ANTILLES  
NATIONAL REGULATIONS AND REQUIREMENTS**

France

New Zealand

\*Special and Service Passport

The standard ICAO embarkation/disembarkation card is not required from the citizens of Curaçao, St. Maarten and the BES Islands.

Temporary visitors must complete the standard ICAO E/D card and be in possession of a valid passport, with the exception of the following nationals from whom existing official documents of identity are acceptable in lieu of a valid passport:

Visitors from the United States of America having the following issued by U.S.A. authorities:

- A valid passport; or
- Valid Alien Registration Card and valid passport.

Visitors from Canada having the following issued by Canadian Authorities:

- Certificate of Proof of Canadian Citizenship and valid passport;
- Certificate of Proof of Naturalization and valid passport;
- Certificate of Identity and valid passport;
- A valid passport.

The Dutch Caribbean Visas can be obtained at a Dutch Embassy.

Entry visas are required for a temporary visit from nationals of the following States:

Afghanistan	Indonesia	Papua New Guinea
Albania	Iran	Peru
Algeria	Iraq	Philippines
Angola	Ivory Coast, Rep. of	Qatar
Armenia	Jordan	Russian Federation
Azerbaijan	Kazakhstan	Rwanda
Bahrain	Kenya	Samoa West
Bangladesh	Kiribati	Sao Tome and Principe
Belarus	Korea (North)	Saudi Arabia
Benin	Kurdistan	Senegal
Bhutan	Kuwait	Serbia
Bosnia-Herzegovina	Laos	Seychelles
Botswana	Lebanon	Sierra Leon
Burkina Faso	Lesotho	Solomon Islands

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Burundi	Liberia	Somalia
Cambodia	Libya	South Africa
Cameroon	Macedonia, Former Rep. of	Sri Lanka
Cape Verde	Madagascar	Sudan
Central African Rep.	Malawi	Swaziland
Chad	Maldives	Syrian Arab Rep.
China	Mali	Taiwan
Colombia	Marshall Islands	Tajikistan
Comoros	Mauritania	Tanzania
Congo	Mauritius	Thailand
Cuba	Micronesia	Togo
Djibouti	Moldova, Rep. of	Tonga
Dominican Rep.	Mongolia	Tunisia
East Timor	Morocco	Turkey*
Egypt	Mozambique	Turkmenistan
Equatorial Guinea	Myanmar	Tuvalu
Eritrea	Namibia	Uganda
Ethiopia	Nauru	Ukraine
Fiji Islands	Nepal	United Arab Emirates
Gabon	Niger	Uzbekistan
Gambia	Nigeria	Vanuatu
Georgia	Northern Mariana	Vietnam
Ghana	Oman	Yemen
Guinea	Pakistan	Yugoslav Fed.
Guinea-Bissau	Palau	Zambia
Haiti	Palestine	Zimbabwe
India		

\*Normal Passport

For flight crew members on scheduled services who keep possession of their licenses when embarking and disembarking, remain at the airport where the aircraft has stopped or within the transit area of the arrival of incoming aircraft with the exception as stated below; the foregoing information must be transmitted so that it will be received by the appropriate public authorities at

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least two hours in advance of arrival. The landing must be carried out at a previously designated international airport.

Visitors and tourists may enter and remain in the Dutch Caribbean territory without a permit for temporary residence for a period not exceeding thirty days. For a stay exceeding thirty days a permit for temporary residence is required. The petition should be submitted to the Lieutenant Governor of the island/territory for which the applicant wishes to obtain a temporary residence. Temporary residence can be obtained at the NTO:

Naturalisatie Toelatingsorganisatie Curaçao (Prior name: Immigration)

Address: Mortiersweg #5  
Amerikanen Kamp  
Curaçao  
Tel: +599-9 733-2000

## HEALTH

### PUBLIC HEALTH REQUIREMENTS

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with ebola, cholera, yellow fever, chicken pox or smallpox.

## DESIGNATED AUTHORITIES

### CURAÇAO

#### Civil Aviation Authority

Curaçao Civil Aviation Authority  
Address: Kaya Afido z/n  
Seru Mahuma  
Curaçao  
Tel: +599-9 839-3319  
Fax: +599-9 868-9924  
E-Mail: [civiliar@gobiernu.cw](mailto:civiliar@gobiernu.cw)

#### Customs

Customs Netherlands Antilles

Address: Sha Caprileskade/Handelskade  
Curaçao  
Tel: +599-9 434-5300  
Fax: +599-9 461-6557

#### Health

Directorate of Public Health



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Address: Schouwburgweg 24-26  
Curaçao  
Tel: +599-9 461-0044/461-9300  
Fax: +599-9 461-0124  
E-Mail: vomil@cura.net

## **ST. MAARTEN**

### **Civil Aviation Authority**

Department of Civil Aviation & Shipping and Maritime

Address: Airport Road 69  
Simpson Bay  
St. Maarten  
Tel: +1 (721) 545-2024/545-4226  
Fax: +1 (721) 545-2998  
E-Mail: louis.halley@sintmaartengov.org

### **Customs**

Customs Department St. Maarten

Address: E.C. Richardson Street 11B  
Philipsburg  
St. Maarten  
Tel: +1 (721) 542-1000/542-0163 (Philipsburg)  
+1 (721) 546-7561 (airport)  
Fax: +1 (721) 542-1001/542-0163  
+1 (721) 546-7561 (airport)  
E-Mail: wwicust@sintmaarten.net

### **Health**

The Department of Public Health

Address: W.G. Buncamper Road 33  
Vineyard Building  
Philipsburg  
St. Maarten  
Tel: +1 (721) 542-2078/542-3003/542-3553  
Fax: +1 (721) 543-7824

## **BONAIRE, ST. EUSTATIUS & SABA**

### **Civil Aviation Authority**

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Human Environment and Transport Inspectorate (ILT)

Mercuruisplein 1

Address: 2132 HA Hoofddorp  
PO Box 575  
2130 AN Hoofddorp  
The Netherlands

Tel: +31 (0) 88-489-0000

Internet: <http://www.ilent.nl>

### **Customs**

Ministry of Finance

Customs Affairs

Address: P.O. Box 20201  
2500 EE The Hague  
The Netherlands

Tel: +31 (0) 70-342-8000

Fax: +31 (0) 70-342-7900

### **Health**

Health Care Inspectorate

Address: P.O. Box 5850  
2280 HW Rijswijk  
The Netherlands

Tel: +31 (0) 70-340-7911

Fax: +31 (0) 70-340-5394

## **AIRCRAFT ENTRY REQUIREMENTS**

### **GENERAL**

International flights into, from or over Curaçao, Bonaire, St. Maarten, St. Eustatius and Saba shall be subject to the current regulations relating to civil aviation as laid down in the Civil Aviation Act PB 2001 nr. 151. These regulations correspond in all essentials to the Standards and Recommended Practices contained in ICAO Annex 9 to the Convention on International Civil Aviation.

Aircraft flying into or departing from Curaçao, Bonaire, St. Maarten, St. Eustatius and Saba shall make their first landing at, or final departure from, an international airport

When an aircraft lands at a location not listed above, the pilot, or authority in charge, must immediately notify the appropriate civil aviation authority.

All aircraft in flight over Curaçao FIR and St. Maarten TMA, without exception, are forced to land immediately when receiving the order, from land or air, through reglamentary signals. Non-compli-

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NATIONAL REGULATIONS AND REQUIREMENTS**

ance with the order shall entitle the use of force if necessary by the State, excluding any responsibility by the State for damages that may happen.

Commercial flights are not permitted to take off from or land at any airport/heliport not listed herein except in cases of real emergency or when special permission has been obtained from the Civil Aviation Administration.

Landings at other than an international airport or a designated alternate airport are not permitted unless permission has been granted by the designated Civil Aviation Authority.

## **SCHEDULED FLIGHTS**

### **General**

For regular international scheduled flights operated by foreign airlines into or in transit across Curaçao FIR or St. Maarten TMA, the following requirements must be met:

- a. the state of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement. The Kingdom of the Netherlands is a party to both agreements.
- b. the airline must be eligible to make the flights under the provisions of a bilateral or multilateral agreement to which the State of the airline and the islands that form part of the Dutch Caribbean territory are contracting parties and must have a permit to operate into or in transit across Curaçao FIR or St. Maarten TMA.
- c. Applications for such permits shall be submitted at least one day (during office hours) in advance to:

#### **Curaçao**

Curaçao Civil Aviation Authority

Address: Kaya Afido z/n

Seru Mahuma

Curaçao

Tel: +599-9 839-3319

Fax: +599-9 868-9924

E-Mail: [civilair@gobiernu.cw](mailto:civilair@gobiernu.cw)

AFS: TNCCYAYX

#### **St. Maarten**

Sint Maarten Civil Aviation Authority

Address: Airport Road 69

Simpson Bay

St. Maarten

Tel: +1 (721) 545-2024/545-4226

Fax: +1 (721) 545-2998

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E-Mail: louis.halley@sintmaartengov.org

For regular international civil air traffic, operated by foreign operators into and via the Netherlands (BES islands), a special authorization is required. Such an authorization can be obtained:

- Through designation pursuant to the International Air Service Transit Agreement or to the International Air Transport Agreement, provided that the State in which the operator is registered is a contracting party to these agreements.
- Through designation pursuant to a bilateral agreement conducted between the Netherlands and the State in which the operator is registered.

On application, made through the diplomatic channels or directly to:

**Bonaire, St. Eustatius and Saba**

**Ministry of Infrastructure and the Environment**

Directorate General for Mobility and Transport

Traffic Rights Coordination

Address: 2500 EX Den Haag  
P.O. Box 20901  
The Netherlands

Tel: +31 (0) 70 456 3200

Fax: +31 (0) 70 456 3460

E-Mail: TRACON@minienm.nl

SITA: HAGRLXH

AFS: EHGYYAYX

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the below-mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from Dutch Caribbean territory.

All documents listed below must follow the ICAO standard format as set forth in the relevant appendices to ICAO Annex 9 and are acceptable when furnished in Dutch, English, Spanish or French and completed in legible handwriting. No visas are required in connection with such documents.

**Aircraft Documents Required (Arrival/Departure)**

Required by		General Declaration	Passenger Manifest	Cargo Manifest
Customs	Dep	1	1	1
	Arr	1		
Immigration	Dep	2	3	–
	Arr	1		

## NETH ANTILLES NATIONAL REGULATIONS AND REQUIREMENTS

### Aircraft Documents Required (Arrival/Departure) (continued)

Required by		General Declara- tion	Passenger Mani- fest	Cargo Manifest
Health		2	1	1
Airport Manager		2	2	–

#### NOTE:

- a. *One copy of the General Declaration is endorsed and returned by Customs, signifying clearance.*
- b. *If no passengers are embarking/disembarking and no articles are loaded/unloaded, no aircraft documents except copies of the General Declaration need be submitted to the before-mentioned authorities.*
- c. *Separate documents to be submitted to Customs for each of the following categories are for:*
  1. *cargo being unladen at the airport where the aircraft has landed;*
  2. *direct transit cargo;*
  3. *transit cargo on other flights.*

## NON-SCHEDULED FLIGHTS

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across, or making non-traffic stops in, the Curaçao FIR or St. Maarten TMA, it is not necessary for the operator to obtain prior permission.

If an operator intends to perform a (series of) non-scheduled flight(s) in the Curaçao FIR or St. Maarten TMA for the purpose of taking on or discharging passengers, cargo or mail, it is necessary for the operator to apply to the directors of the respective Civil Aviation Authorities for permission to carry out such operations not less than twenty-four hours in advance of the intended landing.

The application must include the following information:

- a. name of operator;
- b. type of aircraft and registration marks;
- c. date, time and route of arrival at, and departure from, the airport in the Dutch Caribbean territory;
- d. place(s) of embarkation/disembarkation abroad, as the case may be, of passengers and/or freight;
- e. purpose of flight and number of passengers and/or nature and amount of freight;
- f. name, address and business of charterer, if any;

## NETH ANTILLES NATIONAL REGULATIONS AND REQUIREMENTS

- g. copy of the insurance policy covering liability to third parties according to international guidelines;
- h. airworthiness certificate;
- i. registration certificate;
- j. copy of the operating certificate issued by the state of registry;
- k. name and address of the ground handler at the airport(s) in Curaçao/St. Maarten/Bonaire/St. Eustatius/Saba.

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS

Pilots or operators who are not in possession of a landing/uplift permit in writing, issued by the Civil Aviation Authorities of Curaçao, St. Maarten or BES Islands, shall not be permitted to put down and/or take on passengers neither load/or off-load freight or mail.

### **PRIVATE FLIGHTS**

#### **Advance Notification of Arrival**

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft except as stated below. Such information must be transmitted so that it will be received by the appropriate public authorities at least two hours in advance of arrival; the landing must be carried out at a previously designated international airport.

It is prohibited to transport passengers, mail or cargo for remuneration or hire on private flights.

### **SPECIAL FLIGHTS**

For reasons of flight safety, special permission, in addition to the filing of a flight plan, is required under the following circumstances: Acrobatic flights, air displays, survey flights using drones, UAV, banner towing, and parachute jumping.

An application for special permission must be submitted to the directors of the respective Civil Aviation Authorities at least 14 days in advance of entry into the airspace over Curaçao, St. Maarten, Bonaire, St. Eustatius or Saba.

### **DOCUMENTARY REQUIREMENTS FOR CLEARANCE OF AIRCRAFT**

No documents, other than those mentioned above, are required for an aircraft remaining within the Dutch Caribbean territory for less than 60 days. For a stay beyond 60 days after the day of arrival, a “carnet de passages en douane” will be accepted in lieu of a bond or any other financial guarantee.

### **PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

No public health measures are required to be carried out with regard to aircraft entering the Curaçao FIR or St. Maarten TMA, unless otherwise prescribed by the appropriate authorities.

**NETH ANTILLES  
NATIONAL REGULATIONS AND REQUIREMENTS**

When so required by the public health authorities, aircraft arriving from any infected region or state may land at any international airport in Dutch Caribbean territory, provided the aircraft has been disinfected approximately thirty minutes before arrival at the airport. This action, including the insecticide used, must be properly recorded in the Health Section of the General Declaration. If, in special circumstances, the public health authorities deem that a second spraying of the aircraft should take place while the aircraft remains on the ground, the passengers and crew are permitted to disembark prior to the spraying.

**LANDINGS ELSEWHERE THAN AT AN INTERNATIONAL AIRPORT/HELIPORT OR A DESIGNATED ALTERNATE AIRPORT/HELIPORT**

If a landing is made other than at an international airport/heliport or a designated alternate airport, the pilot-in-command shall report the landing as soon as practicable to the health, customs and immigration authorities at the international airport/heliport at which the landing was scheduled to take place. This notification may be made through any available communication link.

The pilot-in-command shall be responsible for ensuring that:

- a. If permission has not been granted to the aircraft at the previous landing, contact between other persons on the one hand and passengers and crew on the other is avoided;
- b. Cargo, baggage and mail are not removed from the aircraft except as provided below;
- c. Any foodstuff of overseas origin or any plant material is not removed from the aircraft except where local food is unobtainable. All food refuse including peelings, cores, stones of fruit, etc. must be collected and returned to the galley refuse container, the contents of which should not be removed from the aircraft except for hygiene reasons; in those circumstances, the contents must be destroyed either by burning or by deep burial.

**FEES**

The following types of fees and charges may be assessed:

- a. Landing Fees;
- b. Parking Charges;
- c. Hangarage Charges;
- d. Long-term Storage;
- e. Pushback Fee;
- f. Passenger Service Charge;
- g. Security Charge;
- h. ATC Fees;
- i. Lighting Charges;
- j. Overtime Charges;
- k. Push Back Charges;

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**NETH ANTILLES  
NATIONAL REGULATIONS AND REQUIREMENTS**

**I. Enroute Charges:**

Dutch Caribbean Air Navigation Service Provider

Address: Kaya Afido z/n

Seru Mahuma

Curaçao

Tel: +599-9 839-3550

Fax: +599-9 868-3012

E-Mail: [info@dc-ansp.org](mailto:info@dc-ansp.org)

## **AIRPORTS OF ENTRY**

Bonaire I (Kralendijk) (Flamingo Intl) TNCB

Curaçao I (Willemstad) (Hato Intl) TNCC

St. Eustatius I (Oranjestad) (F.D. Roosevelt) TNCE 1100–2100 UTC

St. Maarten I (Philipsburg) (Princess Juliana Intl) TNCM 0700–2100 LT



PUERTO RICO  
NATIONAL REGULATIONS AND REQUIREMENTS

## UNITED STATES LANDING RIGHTS AIRPORTS

*Any aircraft may land at one of the following airports after securing prior permission to land from U.S. Customs. Additionally, at least one hour advance notice of arrival must be furnished to Customs, unless otherwise noted. A flight plan filed in Canada destined to an airport where flight notification (ADCUS) service is available will be treated as an application for permission to land and as advance notice of arrival. Customs telephone numbers are available after each airport name.*

### **4.1.8            Advance Report of Penetration of United States Airspace via Pacific Coast, U.S./Mexican Border or Gulf and Atlantic Coasts**

All private aircraft arriving in the United States via:

- a. the United States/Mexican border or Pacific Coast from a foreign place in the Western Hemisphere south of 33 degrees north latitude or
- b. the Gulf of Mexico and Atlantic Coasts from a foreign place in the Western Hemisphere south of 30 degrees north latitude, from any place in Mexico, or from the U.S. Virgin Islands, shall furnish a notice of intended arrival to the Customs service at the nearest designated airport, to the point of first border or coastline crossing. They must land at this airport for inspection, unless they have an overflight exemption. Landing rights must be obtained from Customs to land at designated airports that are not also approved as International Airports.

The requirement to furnish an advance notice of intended arrival shall not apply to private aircraft departing from Puerto Rico and conducting their flights under Instrument Flight Rules (IFR) until crossing the United States coastline or proceeding north of 30 degrees north latitude prior to crossing the coastline. The notice must be furnished at least one hour before crossing the United States coastline or border. The notice may be furnished directly to Customs by telephone, radio, or other means, or may be furnished by means of an ADCUS message in the flight plan through the Federal Aviation Administration (FAA) to Customs. The FAA will accept these notices up to 23 hours in advance.

A one-hour advance notice of coastline or border penetration (but not landing) is required of private aircraft arriving in the continental United States from Puerto Rico that are *not* conducting their flight on an IFR flight plan and those private aircraft that have flown beyond the inner boundary of the Air Defense Identification Zone (ADIZ) south of 30 degrees north latitude on the Atlantic Coast, beyond the inner boundary of the Gulf Coast ADIZ, south of the United States/Mexican border, or beyond the inner boundary of the Pacific Coast ADIZ south of 33 degrees north latitude which *have not landed in a foreign place*. This notice requirement may be satisfied by either filing a flight plan with the FAA and placing ADCUS in the remarks section of the flight plan or by contacting Customs directly at least one hour prior to the inbound crossing of the U.S. border or coastline.

## SAINT KITTS NATIONAL REGULATIONS AND REQUIREMENTS

Refer to Entry Requirements, Eastern Caribbean States for requirements common to the Eastern Caribbean States of which Saint Kitts is a member. Exceptions are listed herein.

### PASSPORT AND VISA

Temporary visitors must complete an ICAO E/D card and be in possession of a valid passport, with the exception of the following nationals for whom existing official documents of identity, such as a birth certificate or driving license is accepted in lieu:

- a. Proof of identity nationals of the USA and Canada;
- b. Seaman's Book (traveling on duty).

Visas are required for nationals of the following countries:

Albania, Bulgaria, Cuba, The Czech Republic, Slovakia, Germany, Haiti, Hungary, Korea North, Mongolia (Peoples' Republic), Poland, Romania, Russia, Vietnam (Socialist Republic), Yugoslavia.

### HEALTH

Refer to Entry Requirements, E Caribbean States for health requirements.

### AIRCRAFT ENTRY REQUIREMENTS

Refer to Entry Requirements, E Caribbean States for operations requiring prior permission.

### AIRCRAFT DOCUMENTS REQUIRED (ARRIVAL/DEPARTURE)

The following documents must be submitted by airline and aircraft operators for clearance on entry and departure of their aircraft to and from St Kitts.

Agency	General Declaration	Passenger Manifest	Cargo Manifest
ATC	—	—	—
Customs	1	1	1
Immigration	1	1	—
Health	—	—	—

*NOTE 1: One copy of the General Declaration is endorsed and returned by Customs, signifying clearance.*

*NOTE 2: This is the case with respect to private operation, however, for commercial operation, a cargo manifest is completed indicating NIL cargo.*

### FEES

A charge for the use of navigation aids including communications is levied on aircraft. Additionally, landing, use of airport, cargo, and passenger fees apply. The following are exempted from the Airport Departure Tax:

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**SAINT KITTS  
NATIONAL REGULATIONS AND REQUIREMENTS**

- a. Intransit passengers remaining less than twenty-four hours.
- b. Heads of State/Heads of Government.
- c. Judges, Ministers, senior officials and other personnel traveling on official business or persons who have been issued with formal exemption.

Arriving passengers under the age of two years are exempt from the passenger facility charge.

A surcharge is assessed for aircraft landing between 2200 and 0100 UTC; a larger surcharge is assessed for landings after 0100 UTC.

Consult airport authorities for amounts and methods of payments.

## **AIRPORTS OF ENTRY**

St Kitts (Bradshaw Intl)/TKPK

**SAINT LUCIA  
NATIONAL REGULATIONS AND REQUIREMENTS**

**Refer to Entry Requirements, Eastern Caribbean States for requirements common to the Eastern Caribbean States of which Saint Lucia is a member. Exceptions are listed herein.**

## **PASSPORT AND VISA**

Temporary visitors must also complete an ICAO E/D and be in possession of a valid passport with the exception of the following nationals for whom existing official documents of identity, such as a birth certificate, or driving license is accepted in lieu:

- a. Proof of Identity issued to a British subject being "Citizen of the United Kingdom and Colonies" or nationals of Canada or USA, provided that their stay is not in excess of 6 months, and they hold return/onward tickets for further destinations;
- b. National identity card issued to French nationals maximum stay 14 days;
- c. Seaman's Book (traveling on duty);
- d. Persons holding inter-island travel documents
- e. U.N. Officials with U.N. Laisser Passer documents on official business.
- f. Nationals of Guyana having money to cover their stay in the state.

VISAs are required except for:

- a. British subject being "Citizen of the United Kingdom and Colonies";
- b. Nationals of the Commonwealth of Nations, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Haiti, Iceland, Italy, Liechtenstein, Luxembourg, Netherlands, Norway, San Marino, Spain, Sweden, Switzerland, Tunisia, Turkey, Uruguay, USA, Venezuela (provided they hold return/onward tickets for next destinations);
- c. Holders of re-entry permits;
- d. Passengers continuing their journey within 14 days, provided that they hold onward/return tickets for next destination;
- e. Merchant seamen arriving to join a ship, or leaving by air on departing a ship;
- f. Transit passengers not leaving the airport.

## **HEALTH**

Refer to Entry Requirements, E Caribbean States for health requirements.

## **AIRCRAFT ENTRY REQUIREMENTS**

Refer to Entry Requirements, E Caribbean States for operations requiring prior permission.

## **AIRCRAFT DOCUMENTS REQUIRED (ARRIVAL/DEPARTURE)**

The following documents must be submitted by airline and aircraft operators for clearance on entry and departure of their aircraft to and from St. Lucia.

## SAINT LUCIA NATIONAL REGULATIONS AND REQUIREMENTS

Agency	General Declaration	Passenger Manifest	Cargo Manifest
ATC	1	1	1
Customs	2	1	2
Immig.	1	2	—
Health	1	—	—

*NOTE: Customs require one General Declaration and two Cargo Manifest documents on arrival.*

### FEES

- a. Landing
- b. Parking
- c. Hangar
- d. Long-term storage
- e. A passenger service charge is levied on all passengers departing from Saint Lucia for international destinations.
- f. Airport Development Charge  
The Airport Development Charge is applicable to all passengers travelling through Saint Lucia's Airports.

### Exemptions

The following are exempted from payment of fees and charges:

- a. Test flights approved by the General Manager.
- b. Aircraft returning within one hour due to bad weather or due to mechanical or radio defects.
- c. State and military aircraft as may be determined by the Minister responsible for Aviation.

The following are exempted from the Airport Development Charge:

- a. A direct transit passenger who does not disembark aircraft and departs to another destination.
- b. An in-transit passenger who arrives on one flight and departs on a connecting flight on the same day.
- c. One-day tour passenger who departs Saint Lucia via charter for a day tour to another destination within the sub-region and returns on the same day.

### AIRPORTS OF ENTRY

Castries (George F.L. Charles)/TLPC

1000 – 0000 UTC

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**SAINT LUCIA  
NATIONAL REGULATIONS AND REQUIREMENTS**

Vieux Fort (Hewanorra Intl)/TLPL

1000 – 0300 UTC

**SAINT VINCENT  
NATIONAL REGULATIONS AND REQUIREMENTS**

**Refer to Entry Requirements, E Caribbean States for requirements common to the Eastern Caribbean States of which Saint Vincent is a member. Exceptions are listed herein.**

## **PASSPORT AND VISA**

Temporary visitors must also complete an ICAO E/D and be in possession of a valid passport, with the exception of the following nationals for whom existing official documents of identity such as a birth certificate or driving license is accepted in lieu:

- a. Proof of Identity issued to a British subject being "Citizen of the United Kingdom and Colonies" or nationals of Canada or USA, provided that their stay is not in excess of 6 months and that they hold return/onward tickets for further destinations;
- b. National identity card issued to French nationals maximum stay of 14 days;
- c. Seaman's Book (traveling on duty).

VISAs are required except for:

- a. British subject being "Citizen of the United Kingdom and Colonies";
- b. Nationals of the Commonwealth of Nations, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Haiti, Iceland, Italy, Liechtenstein, Luxembourg, Netherlands, Norway, San Marino, Spain, Sweden, Switzerland, Tunisia, Turkey, Uruguay, USA, Venezuela (provided they hold return/onward tickets for next destinations);
- c. Holders of re-entry permits;
- d. Passengers continuing their journey within 14 days, provided that they hold onward/return tickets to next destination;
- e. Merchant seamen arriving to join a ship, or leaving by air on departing a ship;
- f. Transit passengers not leaving the airport.

## **HEALTH**

Refer to Entry Requirements, E Caribbean States for health requirements.

## **DESIGNATED AUTHORITIES**

Civil Aviation

Ministry of National Security, Air and Sea Port Development

Address: Kingstown  
St. Vincent and the Grenadines

Tel: (784) 458-4011

Fax: (784) 458-4786

Telex: 7531/7484 FOREIGN

E-Mail: etjoshua@vincysurf.com

AFS: TVSAYDYX

**SAINT VINCENT  
NATIONAL REGULATIONS AND REQUIREMENTS**

Customs

The Comptroller

Customs and Excise Department

Ministry of Finance and Planning

Address:           Kingstown  
                      St. Vincent and the Grenadines

Tel:               (784) 457-2421

Fax:               (784) 456-1851

E-Mail:           customs@vincysurf.com

## **AIRCRAFT ENTRY REQUIREMENTS**

All private and non-scheduled commercial aircraft overflying or landing for non-commercial purposes need not obtain prior approval.

Refer to Entry Requirements, E Caribbean States for operations requiring prior permission.

## **FEES**

In addition to fees assessed for the use and services of the airport, each passenger departing for a foreign country from an international airport is charged a fee. All passengers arriving from outside the state are subject to an airport arrival tax.

## **EXEMPTIONS, REDUCTIONS AND SURCHARGES**

### *Departure tax exemptions*

- a. Passengers departing by the same or connecting aircraft within twenty-four hours;
- b. Children under the age of twelve years;
- c. Government employees travelling on duty;
- d. Diplomats; or
- e. VSO – Peace Corps workers.

### *Surcharges*

All non-scheduled landings without a formal permit will be subjected to an additional charge.

All aircraft arriving and/or departing before 1100 UTC will be required to pay a surcharge.

Aircraft staying more than one hour on the ground between arriving and departing commercial flights will be required to pay an additional (second) handling fee.

Private aircraft staying overnight will be required to pay an additional handling fee on departure.

### *Extension*

Except in emergencies, fees apply for operations beyond the published hours of 1200–0100 UTC.



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SAINT VINCENT  
NATIONAL REGULATIONS AND REQUIREMENTS

## AIRPORTS OF ENTRY

Kingstown, St. Vincent (Argyle Intl)/TVSV 1000–0100 and O/R (24 PPR)

Bequia (J.F. Mitchell)/TVSB 1000–SS Other times 24 HR PPR

Canouan Is (Canouan)/TVSC 1200–0000<sup>1</sup>

Mustique Is (Mustique)/TVSM 1200–2000 UTC and on request<sup>2</sup>

<sup>1</sup>PPR 24 HR for ops outside of this period. Scheduled services will be accommodated up to 0215.

<sup>2</sup>Operations during twilight period subject to ATS approval. ATS: 24 HR PPR before 1100 UTC.

**TRINIDAD AND TOBAGO  
NATIONAL REGULATIONS AND REQUIREMENTS**

**Refer to Entry Requirements, E Caribbean States for requirements common to the Eastern Caribbean States of which the Republic of Trinidad and Tobago is a member. Exceptions are listed herein.**

## **PASSPORT AND VISA**

### **GENERAL**

No documents or visas are required of passengers arriving and departing on the same through flight or transferring to another flight at the same airport.

Temporary visitors must also complete an ICAO E/D and be in possession of a valid passport with the exception of the following nationals for whom existing official documents of identity, such as a birth certificate, or driving licence is accepted in lieu:

- a. Expired passport, issued to nationals of Trinidad and Tobago;
- b. Seaman's Book (Traveling on Duty), except those issued by Taiwan unless accompanied by an additional declaration of identity and visa.

VISAs are required except for:

- a. Nationals of Trinidad and Tobago;
- b. Commonwealth citizens with the exception of nationals from Australia, India, Nigeria, New Zealand, Papua New Guinea, Sri Lanka, Tanzania, and Uganda;
- c. Nationals of the following countries, for a stay of three months or less as a tourist: Austria, Brazil, Colombia, Denmark, Finland, Iceland, Ireland, Israel, Liechtenstein, Norway, Sweden, Switzerland, South Korea, and Turkey;
- d. Nationals of the USA for a stay not exceeding three months;
- e. Nationals of Venezuela, arriving from Venezuela, for a stay not exceeding fourteen (14) days;
- f. Bona-fide seamen arriving to join ships in Trinidad and Tobago regardless of their nationality;
- g. Returning residents with proof of permanent residence;
- h. Transit passengers not leaving the airport, or staying up to 48 hours, except stateless persons or nationals of Asian countries not included in (c), Albania, Bulgaria, China, Cuba, The Czech Republic, Slovakia, Hungary, Indonesia, North Korea, Poland, Russia, The Ukraine, Romania, Vietnam, Slovenia, Macedonia, Bosnia and Herzegovina, Yugoslavia, Croatia, Taiwan.

For flight crew members on scheduled services who keep possession of their licences when embarking and disembarking, remain at the airport where the aircraft has stopped or within the confines of the cities adjacent thereto, and depart on the same aircraft or on their next regularly scheduled flight out of the relevant states, the crew member license or certificate is accepted in lieu of a passport or visa for temporary admission into the relevant states. This provision is also

## TRINIDAD AND TOBAGO NATIONAL REGULATIONS AND REQUIREMENTS

applicable if the crew member enters the relevant states by other means of transport for the purpose of joining an aircraft.

### Advanced Passenger Information

The Immigration (Advanced Passenger Information) Act No. 9 of 2008, requires all aircraft inbound to Trinidad and Tobago to transmit advanced passenger information on all passengers and crew members to the Chief Immigration Officer of Trinidad and Tobago.

Advanced Passenger Information is information regarding each passenger and crew member on board and is mandatory for all inbound aircraft. This information must be transmitted prior to the departure of aircraft from the last port of call for Trinidad and Tobago. Details on the transmission of this information is published via AIC.

## HEALTH

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever or smallpox.

On departure, no health formalities are required.

### PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT

No public health measures are required to be carried out in respect of aircraft entering Trinidad and Tobago with the following exception:

Aircraft arriving from States where yellow fever is endemic may land at any international airport provided that the aircraft has been disinfected approximately thirty minutes before arrival at the airport. This action must be properly recorded in the Health Section of the General Declaration. The insecticide to be used must be of an approved type. If, in special circumstances, a second spraying of the aircraft to be carried out on the ground is deemed necessary by the public health authorities, passengers and crew are permitted to disembark beforehand.

## AIRCRAFT ENTRY REQUIREMENTS

### GENERAL

International flights into, from or over Trinidad and Tobago shall be subject to the current States' regulations relating to civil aviation. These regulations correspond in all essentials to the Standards and Recommended Practices contained in Annex 9 to the Convention on International Civil Aviation.

Aircraft flying into or departing from Trinidad and Tobago shall make their first landing at, or final departure from, an international Airport of Entry.

Pilots in command of civil aircraft are required by law to have the following documents available for inspection at all times while operating within Trinidad and Tobago airspace:

- a. Pilot's License(s)/Certificate(s);
- b. Aircraft Certificate of Registration;
- c. Aircraft Certificate of Airworthiness; and

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**TRINIDAD AND TOBAGO  
NATIONAL REGULATIONS AND REQUIREMENTS**

d. Relevant Log Books.

Flight plans will not be accepted from pilots of civil aircraft who are unable to produce any or all of the above documents on request. A Temporary Airman's Certificate and application for registration will NOT satisfy the above requirements.

## **DESIGNATED AUTHORITIES**

### **Civil Aviation**

Director General of Civil Aviation

Trinidad and Tobago Civil Aviation Authority

Address: P.O. Box 2163  
National Mail Centre  
Piarco  
Trinidad  
W.I.

Tel: (868) 668-8222 ext 2180

Fax: (868) 669-5397

E-Mail: [dgca@caa.gov.tt](mailto:dgca@caa.gov.tt)

Internet: [www.caa.gov.tt](http://www.caa.gov.tt)

AFS: TTPSYAYX

### **Customs**

The Comptroller of Customs and Excise

Customs House, Nicholas Court

Address: Corner of Independence Square and Abercromby Street  
Port of Spain  
Trinidad  
W.I.

Tel: (868) 625-3311-9 ext 335-8

Fax: (868) 625-6129

AFS: NIL

## **SCHEDULED FLIGHTS**

### **General**

For regular international scheduled flights operated by foreign airlines into or in transit across Trinidad and Tobago, the following requirements must be met:

**TRINIDAD AND TOBAGO  
NATIONAL REGULATIONS AND REQUIREMENTS**

- The State of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement.
- The airline must be eligible to make the flights under the provisions of a bilateral or multilateral agreement to which the State of the airline and Trinidad and Tobago are contracting parties and must have a permit to operate into or in transit across the relevant States within Piarco FIR including Anguilla and the B.V.I. Applications for such permits shall be submitted to the following authority:

The Secretary

Air Transport and Licensing Authority

c/o Trinidad and Tobago Civil Aviation Authority

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the following aircraft documents be submitted by airline and airline operators for clearance on entry and departure of their aircraft to and from Trinidad and Tobago. All documents listed below must follow the ICAO standard format as set forth in the relevant appendices to ICAO Annex 9 and are acceptable when furnished in English and completed in legible handwriting. No visas are required in connection with such documents.

Agency	General Declaration	Passenger Manifest	Cargo Manifest
Customs	–	1	2
Immig.	3	1	–
Health	1	–	–

- a. One copy of the General Declaration is endorsed and returned by Customs, signifying clearance.
- b. If no passengers are embarking (disembarking) and no articles are laden (unladen), no aircraft documents except copies of the General Declaration need to be submitted to the authorities.

**NON-SCHEDULED FLIGHTS****General**

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across, or making non-traffic stops in Trinidad and Tobago, it is not necessary for the operator to obtain prior permission.

If an operator intends to perform a (series of) non-scheduled flight(s) into Trinidad and Tobago for the purpose of taking on or discharging passengers, cargo or mail, it is necessary for the operator to apply to the relevant Eastern Caribbean States Civil Aviation Administration, as listed below, for permission to carry out such operations not less than twenty-four hours in advance of the intended landing.

**TRINIDAD AND TOBAGO  
NATIONAL REGULATIONS AND REQUIREMENTS**

Director General of Civil Aviation

Trinidad and Tobago Civil Aviation Authority

The application must include the following information in the order shown hereunder:

- a. name of operator;
- b. type of aircraft and registration marks;
- c. date and time of arrival at, and departure from, the respective airport;
- d. place or places of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight;
- e. purpose of flight and number of passengers and/or nature and amount of freight; and
- f. name, address and business of charterer, if any;
- g. third party liability insurance certificate;
- h. local handling agent.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**CHARTER FLIGHTS**

**General**

Except as may otherwise be provided by the Director General of Civil Aviation, all carriers operating full passenger charter into The Republic of Trinidad and Tobago shall comply with the following conditions:

- a. An application shall be made on the prescribed form at least sixty (60) days prior to the proposed departure date of the charter.
- b. A copy of the Charter contract between the air carrier and the charterer must be submitted along with the application. The Director General of Civil Aviation may at his discretion accept any other document as he may deem appropriate in lieu of the charter contract.
- c. A complete list of passengers to be transported giving names in alphabetical order together with their addresses and passport or other travel document numbers must be submitted to the Trinidad and Tobago Civil Aviation Authority or the appropriate Trinidad and Tobago High Commissioner's Office or Embassy at least 30 days prior to the proposed date of departure of the Charter.
- d. Prior to the date of the proposed charter, a bond or an irrevocable letter of credit shall be executed in favor of the Director General of Civil Aviation, Trinidad and Tobago Civil Aviation Authority or the appropriate Trinidad and Tobago Diplomatic Representative in the territory of the carrier or as the Director General of Civil Aviation shall decide on a sum equal to the prevailing one-way air fare between the point of destination and the point of origin. Such bond or letter of credit shall remain in force until the passengers have been returned to the point of

## TRINIDAD AND TOBAGO NATIONAL REGULATIONS AND REQUIREMENTS

origin. Any question concerning the satisfactory performance of any charter shall be determined solely by the Director General of Civil Aviation.

- e. The carrier and/or charterer must be in possession of a valid journey permit issued by the Director General of Civil Aviation prior to the date of the charter.
- f. The requirement for the posting of bond or letter of credit may be waived for charter flights utilizing equipment of scheduled air carriers operating between Trinidad and Tobago and countries where the charter originates.

### PRIVATE FLIGHTS

#### Advance Notification of Arrival

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft. Such information must be transmitted so that it will be received by the public authorities concerned at least two hours in advance of arrival; the landing must be carried out at a previously designated international airport.

#### Documentary Requirements for Clearance of Aircraft

No documents, in addition to those mentioned above, are required in the case of an aircraft remaining within Trinidad and Tobago for less than a specific period. For a stay beyond that period after the date of arrival, a “carnet de passages en douane” will be accepted in lieu of a bond or of any other financial guarantee.

### SPECIAL NOTICES

#### PIARCO AIRPORT

All operations of non-scheduled, charter and extra section flights may operate within the following times:

0300–1000 UTC and 1400–1800 UTC

Prior approval for operating times must be obtained from the Airports Authority of Trinidad and Tobago.

Contravention of the above may result in aircraft being held off-gate with passengers on board until they can be facilitated.

### FEES

Fees and charges may be due as applicable. Examples follow:

- a. Landing;
- b. Passenger;
- c. Parking/Hangar;
- d. Cargo; and
- e. Route air navigation services.

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**TRINIDAD AND TOBAGO  
NATIONAL REGULATIONS AND REQUIREMENTS****EXEMPTIONS****LANDING CHARGES**

The following are exempted from landing charges:

- a. Diplomatic aircraft;
- b. Military aircraft;
- c. Aircraft having departed for a scheduled trip and returning to its airport of departure within forty-five minutes without having landed elsewhere;
- d. Aircraft effecting a test flight after repairs shall not be charged for one landing.

**PASSENGER SERVICE CHARGES**

The following are exempted from Passenger Service Charges:

- a. Intransit passengers remaining less than twenty-four hours;
- b. Children under the age of five years;
- c. Trinidad and Tobago citizens who have attained the age of 60 years and over.

**AIRPORTS OF ENTRY**

Port of Spain, Trinidad (Piarco Intl) / TTPP

Scarborough Tobago I (Robinson Intl) / TTCP



**TURKS AND CAICOS IS  
NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT AND VISA**

No documents or visas are required of passengers arriving and departing on the same through flights or transferring to another flight at the same or a nearby airport.

A person entering the Turks and Caicos Islands for the purpose of Immigration must hold a valid passport and apply to Immigration for a Resident Permit on arrival. Temporary visitors from the Republic of Haiti must be in possession of a valid visa and return ticket. Other temporary visitors must be in possession of a valid passport and return ticket with the exception of the following nationals from whom existing official documents of identity such as expired passports, national registration cards or alien resident permits provided with photograph identification, are acceptable in lieu of a valid passport.

- a. Nationals of Canada and the United States of America.
- b. The holder of Seaman's book issued to nationals of any country.
- c. The standard ICAO identification card is required by a national of any country.

A crew member license or certificate is accepted in lieu of passport or visa for temporary admission into the Turks and Caicos Islands for a flight crew member on scheduled services who retains his license in his possession when embarking and disembarking, remains at the airport where the aircraft has stopped or within the confines of the cities adjacent thereto, and departs on the same aircraft or on his next regularly scheduled flight out of the Turks and Caicos Islands. This provision is also applicable if the crew member enters the Turks and Caicos Islands by other means of transport for the purpose of joining an aircraft.

**HEALTH**

Temporary health formalities may be applied to meet unforeseen situations. These measures will be notified by NOTAM.

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever, or smallpox.

No public health measures are required to be carried out in respect of aircraft entering the Turks and Caicos Islands.

**DESIGNATED AUTHORITIES**

Director of Civil Aviation

Address: Civil Aviation Authority (CAA)  
P.O. Box 168  
Grand Turk  
Turks & Caicos Is  
British West Indies  
Tel: (649) 946-2138/2137  
Fax: (649) 946-1185  
E-Mail: cad@tcwayway.tc

## TURKS AND CAICOS IS NATIONAL REGULATIONS AND REQUIREMENTS

AFS: MBGTNYX

### AIRCRAFT ENTRY REQUIREMENTS

#### GENERAL

Civil flights into, from or over Turks and Caicos territory shall be subject to the current Turks and Caicos regulations pertaining to civil aviation. These regulations correspond in all essentials to the Standards and Recommended Practices contained in Annex 9 to the Convention on International Civil Aviation.

Aircraft arriving and departing from Turks and Caicos territory shall make their first landing at, and final departure from, an international airport.

Airmen are advised domestic aircraft operating into North Caicos are required to file a flight plan at least one (1) hour prior to operation for both IFR and VFR flights.

#### SCHEDULED FLIGHTS

The following requirements must be met by the regular international scheduled flights operated by foreign airlines into or transiting the Turks and Caicos Islands.

- a. The State of the airline must be a party to the International Air Services Transit Agreement and/or the International Air Transport Agreement. The United Kingdom is a party to both agreements.
- b. The airline must be eligible to make the flights under the provisions of a bilateral or multi-lateral agreement to which the State of the airline and the United Kingdom are contracting parties, and must have a permit to operate into the Turks and Caicos Islands. Transit flights do not need prior permission. Applications for such permits shall be submitted to the Secretary, Air Transport Licensing Authority through the CAA.

#### Documentary Requirements for Clearance of Aircraft

It is necessary that the under mentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from the Turks and Caicos Islands. All documents listed below must follow the ICAO standard format as set forth in the relevant Appendices to Annex 9 and are acceptable when furnished in English and completed in legible handwriting. No visas are required in connection with such documents.

Required by	General Declaration	Passenger Manifest (if still required)	Cargo Manifest
Customs	4 copies	—	4 copies
Immigration	—	3 copies	4 copies

One copy of the General Declaration is endorsed and returned by Customs, signifying clearance;

*NOTE: If no passengers are embarking (disembarking) and no articles are laden (unladen), only copies of the General Declaration need be submitted to the above authorities.*

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**TURKS AND CAICOS IS  
NATIONAL REGULATIONS AND REQUIREMENTS****NON-SCHEDULED COMMERCIAL FLIGHTS**

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across or making non-traffic stops in the territory of the Turks and Caicos Islands, he/she may do so without the necessity of obtaining prior permission.

If an operator intends to perform a (series of) non-scheduled flight(s) into the Turks and Caicos Islands for the purpose of taking on or discharging passengers, cargo or mail, he/she shall apply to the CAA for permission to carry out such operations not less than 48 hours in advance of the intended landing. The application must include the following information in the order shown hereunder.

- a. Name of operator
- b. Type of aircraft and registration marks
- c. Dates and times of arrival at, and departure from, a specified aerodrome
- d. Place(s) of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight
- e. Purpose of flight and number of passengers and/or nature and amount of freight
- f. Name and address of business or charterer, if any
- g. Copy of insurance, Certificate of Airworthiness (U.S.) or equivalent, and Department of Transport Air Carriers Certificate

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for Scheduled Flights.

**PRIVATE FLIGHTS****Advance Notification of Arrival**

The information contained in the flight plan will be accepted as adequate advance notification of the arrival of incoming aircraft as long as:

- a. Such information is transmitted so that it will be received by the public authorities at least two hours in advance of arrival.
- b. The landing will be at a previously designated international airport.
- c. Special permission in addition to the filing of a flight plan is required for any flight planned to arrive outside the published hours of operation.

**Requirements for Clearance of Aircraft**

No documents other than those listed above are required for aircraft remaining in the Turks and Caicos Islands.

**FEES**

Fees are assessed for use of airports and navigation services. Passenger service charges also apply. All charges and payments are in United States of America dollars.

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**TURKS AND CAICOS IS  
NATIONAL REGULATIONS AND REQUIREMENTS****AIRPORTS OF ENTRY**

Ambergris Cay Intl MBAC

JAGS McCartney International Airport Grand Turk MBGT

North Caicos Intl MBNC

Providenciales Intl MBPV

South Caicos Intl MBSC

**SPECIAL NOTICE**

Carriage of firearms is prohibited within the Turks and Caicos Islands. All firearms must be declared and handed in to Customs at the first port of entry, where they will be held until departure.

**VIRGIN ISLANDS  
NATIONAL REGULATIONS AND REQUIREMENTS**

## **UNITED STATES LANDING RIGHTS AIRPORTS**

*Any aircraft may land at one of the following airports after securing prior permission to land from U.S. Customs. Additionally, at least one hour advance notice of arrival must be furnished to Customs, unless otherwise noted. A flight plan filed in Canada destined to an airport where flight notification (ADCUS) service is available will be treated as an application for permission to land and as advance notice of arrival. Customs telephone numbers are available after each airport name.*

### **4.1.8 Advance Report of Penetration of United States Airspace via Pacific Coast, U.S./Mexican Border or Gulf and Atlantic Coasts**

All private aircraft arriving in the United States via:

- a. the United States/Mexican border or Pacific Coast from a foreign place in the Western Hemisphere south of 33 degrees north latitude or
- b. the Gulf of Mexico and Atlantic Coasts from a foreign place in the Western Hemisphere south of 30 degrees north latitude, from any place in Mexico, or from the U.S. Virgin Islands,

shall furnish a notice of intended arrival to the Customs service at the *nearest* designated airport, to the point of first border or coastline crossing. They must land at this airport for inspection, unless they have an overflight exemption. Landing rights must be obtained from Customs to land at designated airports that are *not* also approved as International Airports.

The requirement to furnish an advance notice of intended arrival shall not apply to private aircraft departing from Puerto Rico and conducting their flights under Instrument Flight Rules (IFR) until crossing the United States coastline or proceeding north of 30 degrees north latitude prior to crossing the coastline. The notice must be furnished at least one hour before crossing the United States coastline or border. The notice may be furnished directly to Customs by telephone, radio, or other means, or may be furnished by means of an ADCUS message in the flight plan through the Federal Aviation Administration (FAA) to Customs. The FAA will accept these notices up to 23 hours in advance.

A one-hour advance notice of coastline or border penetration (but not landing) is required of private aircraft arriving in the continental United States from Puerto Rico that are *not* conducting their flight on an IFR flight plan and those private aircraft that have flown beyond the inner boundary of the Air Defense Identification Zone (ADIZ) south of 30 degrees north latitude on the Atlantic Coast, beyond the inner boundary of the Gulf Coast ADIZ, south of the United States/Mexican border, or beyond the inner boundary of the Pacific Coast ADIZ south of 33 degrees north latitude which *have not landed in a foreign place*. This notice requirement may be satisfied by either filing a flight plan with the FAA and placing ADCUS in the remarks section of the flight plan or by contacting Customs directly at least one hour prior to the inbound crossing of the U.S. border or coastline.

St. Croix:

Christiasted  
(Henry E. Rohlsen)

340-778-0216 Mon-Sat 0800-1700; after hours 2 hours advance notice, call prior to 1700.

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**VIRGIN ISLANDS  
NATIONAL REGULATIONS AND REQUIREMENTS**

St. Thomas:

Charlotte Amalie  
(Cyril E. King)

340-774-1719 or 340-774-4554 Mon-Sat 0800-1700; after hours  
2 hours advance notice, call prior to 1700.



# Entry Requirements

State Rules and Procedures - South  
America

## **ARGENTINA NATIONAL REGULATIONS AND REQUIREMENTS**

### **PASSPORT AND VISA**

Tourists are allowed a stay of up to three (3) months in the country, which may be extended by request. Arriving passengers must have a passport with a visa and customs tariff.

Visitors in transit are allowed a stay up to ten (10) days and the following documents are required and must be presented:

- Valid passport
- Visa and customs tariff.
- Appropriate documents/papers in order

Argentineans residing outside of the country and are nationals of that country shall use a current passport from that country of residence.

In the case that the country of residence has an agreement with Argentina of dual nationality a request must be made for entry and will be treated as a tourist and have the required documents to present for entry. An Argentinean passport may be used, and there are no departure fees or additional procedures required. The following countries are recognized as double nationalities: Chile - Columbia - Ecuador - Spain - El Salvador - Honduras - Italy - Nicaragua - Norway - Panama - Sweden - United States, if a national before 12/20/81.

If a visa expires during a stay in Argentina an additional charge will be assessed prior to departure.

Crew members are required to present and leave a proof of employment document from your company with the authorities. In the event that a crew member does not wish to leave this document, then a crew member ID is acceptable to be presented and left as a guarantee.

### **HEALTH**

Passengers who are disembarking in Argentina and who come from regions infected with cholera, yellow fever, malaria, hepatitis A and B, or have been in transit in those countries or in those countries, must present a certificate of immunization against the aforementioned pathologies, reminding that the validity of specific immunization for the above-mentioned pathologies is what is in effect (cholera, 6 months from the 6th day; yellow fever, 10 years from the 10th day) except variations or recommendations made by W.H.O.

### **PUBLIC HEALTH FORMALITIES APPLIED TO AIRCRAFT**

As a result of the increase in international air traffic as well as the speed of the aircraft movements, the causes that infected passengers in a country can be transported to others without showing any symptoms as the disease is in its initial stages.

Given these conditions, the prevention, control and monitoring of infectious diseases becomes imperative by the health authorities as the controls at the airports are not effective. Globalization of air traffic has transformed regions previously rarely visited into potential risk factors of disease for passengers who are not prepared.



**ARGENTINA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Thus, relevant health authorities should disclose the health risks that exist in international travel, as well as advising agencies that are likely to provide recommendations for the care of endemic and epidemic diseases and/or individuals.

No public health measures are required to be carried out for aircraft entering Argentina with the following exception:

Aircraft entering the territory from an area with a high epidemic of transmissible illnesses are required to spray the cabin with appropriate insecticides approximately thirty minutes prior to landing. This action must be properly recorded in the health section of the General Declaration. If in special circumstances a second spraying is deemed necessary by the public health authorities to be carried out on the ground, passengers and crew are permitted to disembark beforehand.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

- a. **All arriving, overflying or departing aircraft** from the territory of Argentina will do so via the published ATS routes. The arrivals and departures from the country should be made from international Airports of Entry.
- b. When for emergency reasons an aircraft has landed outside an airport or international airport, the pilot in command, or if he is absent, any other member of the crew is obligated to communicate immediately with the closest authority of this matter. The aircraft cannot be moved except when it is necessary to assure rescue, or when the appropriate authority determines it is permissible. Without permission from the appropriate authority, the following cannot be removed from the landing location: merchandise, luggage and supplies; unless it is necessary to remove them to avoid loss or destruction.
- c. **All aircraft entering, overflying or departing** the territory of Argentina should present a flight plan. All air traffic (VFR/IFR) that crosses the common limit of all flight information regions (FIR) between Argentina and Chile, must have operational transponder equipment (SSR).
- d. **All aircraft with foreign registration that need to enter or overfly** the territory of Argentina that are not making scheduled or non-scheduled commercial air transport and general aviation private flights, must request authorization from the Aeronautical Authority by aeronautical message via the AFTN network, Fax or E-mail at least 72 hours in advance, and should wait for an answer to this request.

The following data should be provided on the request:

1. Registration and type of aircraft.
2. First name, last name and license number of the pilot in command.
3. Prior airport stopped at before entering.
4. Date and hour of arrival at the international airport of entry.
5. Route to follow in Argentina territory, planned stops, airport of destination, alternates and airport of departure.

**ARGENTINA  
NATIONAL REGULATIONS AND REQUIREMENTS**

6. Number of crew and passengers.
7. Purpose of flight.
8. Fax number, E-mail or AFTN acronyms where you want to receive the answer.

**DESIGNATED AUTHORITIES****National Administration of Civil Aviation (ANAC)**

Address: Av. Paseo Colón 1452  
CP: (C1063ADO) CABA  
República Argentina  
Tel: 54 11 5941 3000 / 7  
Fax: 54 11 5941 3000 / 7  
E-Mail: info@anac.gov.ar  
Internet: www.anac.gov.ar  
AFS: Dirección AFS: SABAYAYX

Reception desk

Monday to Friday from 0800–1500.

**National Bureau of Air Navigation Inspectorate**

Address: Azopardo 1405 Piso 3°  
CP: (C1107ADY) CABA  
República Argentina  
Tel: 54 11 5941 3122 / 3174  
Fax: 54 11 5941 3013  
E-Mail: dnina@anac.gov.ar  
AFS: Dirección AFS: SABAYJYX

**National Bureau of Operational Safety**

Office of Aircraft Operations

Department of Aerial Activity

Address: Azopardo 1405 Anexo Piso 1°  
CP: (C1107ADY) CABA  
República Argentina  
Tel: 54 11 5941-3000 / 7 extension 69834  
E-Mail: dnso@anac.gov.ar  
AFS: Dirección AFS: SABBADYX

**ARGENTINA  
NATIONAL REGULATIONS AND REQUIREMENTS****National Bureau of Air Transportation**

**Address:** Azopardo 1405 Piso 6°  
CP: (C1107ADY) CABA  
República Argentina  
**Tel:** 54 11 5941 3111  
**Fax:** 54 11 5941 3111  
**AFS:** Dirección AFS: SABAYUYX

**Federal Administration of Public Revenue****Customs General Office****Customs Technical Legal Sub-Division****Office of Technical Matters****Import Department**

**Address:** Azopardo 350 Piso 2°  
CP: (C1107ADD) CABA  
República Argentina  
**Tel:** 54 11 4338 6682 / 85 / 86 / 89  
**Fax:** 54 11 4338 6684  
**E-Mail:** acabral@afip.gov.ar  
**Internet:** www.afip.gov.ar

**Immigration National Bureau****General Office of Technical and Legal Affairs**

**Address:** Av. Antártida Argentina 1355  
CP: (C1104ACA) CABA  
República Argentina  
**Tel:** 54 11 4317 0218  
54 11 4317 0200 – Switchboard  
54 11 5480 4549 – Ezeiza  
Hours of operation: 24 hours  
**E-Mail:** info@migraciones.gov.ar  
**Internet:** www.migraciones.gov.ar

**SCHEDULED FLIGHTS (COMMERCIAL AIR TRANSPORT)****General**

Scheduled international flights conducted by foreign airlines to/from or in transit of Argentina territory should satisfy the following requirements:

**ARGENTINA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

The country where the airline company is from should be part of an agreement for international transit of air services, and/or agreements for international air transportation. The Republic of Argentina is part of the agreement; and

The airline should satisfy the conditions required to conduct flights in accordance with the dispositions of a bilateral agreement of which the Country of the airline and the Republic of Argentina are both contracting parties, and they should have a permit to operate in the Republic of Argentina. The request to obtain such permit should be presented to the National Bureau of Commercial Air Transportation.

**Documentary Requirements for Clearance of Aircraft**

To perform regular and non regular commercial flights the following documents are required:

- a. General Declaration:
  - 5 copies for entry
  - 4 copies for departure
- b. Passengers manifest:
  - 5 copies for entry (\*)
  - 3 copies for departure (\*)
- c. Cargo manifest:
  - 3 copies for entry
  - 2 copies for departure
- d. Embark/disembark card:
  - 2 copies for entry
  - 2 copies for departure.

(\*) Increase by one copy for traffic that is carried out from bordering countries in both cases.

**NON-SCHEDULED FLIGHTS (COMMERCIAL AIR TRANSPORT)**

- a. The foreign companies with authorization from the Republic of Argentina to operate non regular commercial services from/to the country, should request two days in advance, via their legal representative from the authorization correspondent of the Direccion Nacional de Transporte Aereo, indicating:
  - 1. name and nationality of the company;
  - 2. date of flights;
  - 3. itinerary indicating airports of origin and destination;
  - 4. registration of the aircraft;
  - 5. list of crew; and
  - 6. quantity, origin, destination of passengers and/or cargo.

## **ARGENTINA NATIONAL REGULATIONS AND REQUIREMENTS**

- b. The foreign companies without an authorization from the Republic of Argentina to make non regular commercial services from/to the country, should obtain one via a legal representative and then proceed as indicated above.
- c. The companies from Argentina with an authorization to conduct non regular commercial services, will require for each flight the authorizations mentioned above.
- d. The documentary requirements are the same as those for SCHEDULED FLIGHTS.
- e. Aircraft that are taking off from an international airport located in another country, should present a flight plan a minimum of two (2) hours in advance of the estimated takeoff time, unless the estimated time to enter the territory of Argentina is greater than two (2) hours of flight.
- f. For departures, the flight plan should be presented at least sixty (60) minutes in advance of the estimated hour of takeoff, or with sufficient advance notice to complete the requirements for customs, immigrations and health, whichever period of time is the greater.
- g. Foreign aircraft involved in non regular commercial air transport could subsequently conduct flights within the national territory if they exclusively use controlled airports when a flight plan is filed with Argentina ATC.
- h. Foreign aircraft that carry out air taxi operations are excepted from the dispositions indicated in the paragraph above, if it is specifically expressed on the corresponding authorization.
- i. Aircraft of foreign companies that are overflying Argentinean territory without making a landing, or technical stops or has designated alternate airports in the same, will fill out in the flight plan (Box #18 – RMK) the following data:
  - 1. Name or designator of the company;
  - 2. Postal – telegraphic address;
  - 3. Fax – Telephone – E-mail – AFTN.

### **PRIVATE FLIGHTS (GENERAL AVIATION)**

Private general aviation aircraft that takeoff from an international airport located in another country should present a flight plan with a minimum of at least two (2) hours in advance of the estimated hour of takeoff, unless the estimated time to enter the territory of Argentina is greater than two (2) hours of flight.

General aviation aircraft with foreign registration marks entering Argentinean territory should write on the flight plan (item #18 – RMK) the following data for the owner or operator of the aircraft:

- a. First and last name;
- b. Postal – telegraph address;
- c. Fax – Telephone – E-mail – AFTN.

Entries and departures to the territory of Argentina to or from airports located below the Terminal Control Area of Baires (Buenos Aires) from or to the Oriental Republic of Uruguay of aircraft,

## **ARGENTINA NATIONAL REGULATIONS AND REQUIREMENTS**

and/or pilots in command of the same, that are not qualified to make controlled/VFR flights shall be made from a qualified international airport using visual corridor #2 via the Isla Martin Garcia.

After their arrival, private foreign aircraft are allowed to conduct flights within the territory of Argentina by presenting a corresponding flight plan.

To operate to or from public airports where air traffic services are not provided, the pilot-in-command of the aircraft, upon arrival, should request a "written proof" issued by the airport authority, stating that the operation there has been documented in the corresponding registry of aircraft movements, which later shall be turned in at the international airport of departure from the territory of Argentina.

In addition to meeting the requirements of the above paragraph, to operate from an airport that provides air traffic services for private airports/heliports, or declared suitable locations (LAD), a written authorization adequately certified by a public notary or police authority from the owner of the private airport/heliport or declared suitable location (LAD) where the operations will be conducted should be submitted in conjunction with the flight plan stating that the pilot-in-command is authorized to operate in such airport. Alternatively, an affidavit certified by the aeronautical authority of the airport of departure may be submitted by the pilot-in-command stating the pilot-in-command has the authority to operate in such airport.

To operate to or from private airports, all requirements must be met and have the authorization required by the preceding paragraph.

For departures of private general aviation aircraft only, the flight plan is required and should be submitted at least sixty (60) minutes in advance of the estimated take-off time or with enough advance notice to comply with the requirements of Customs, Immigrations and Health, whichever is greater.

### **STAY ABROAD BY ARGENTINEAN AIRCRAFT**

Argentine aircraft affected by non-scheduled commercial air transportation and private aircraft may remain up to a maximum of one hundred eighty (180) days abroad.

If the aircraft does not register entry into the country within the aforementioned period, the Airworthiness Authority shall take the necessary measures in order to file a complaint with the judicial and customs authorities (Customs Bill #810 and #12830).

### **STAY IN THE COUNTRY BY FOREIGN AIRCRAFT**

Aircraft in transit can stay in the country up to forty-five (45) days per year, counted from the day the aircraft enters the country, from the time they have been claimed from Customs. Such stay can be continuous or discontinuous.

When this period expires, owners should register the aircraft at the Registro Nacional de Aeronaves (National Registry of Aircraft). Without this registration, the aircraft cannot be used in any form, or even taken out of the country without written authorization (Decree 16.410/59).

"The Aeronautical Authority (National Directorate of Air Navigation Inspection) may extend such period of time at the request of the interested party, as long as this person justifies his/her condi-

## **ARGENTINA NATIONAL REGULATIONS AND REQUIREMENTS**

tion as a tourist. The total time staying in the country, including the extension, cannot exceed in any case seventy-five (75) days.”

Aircraft that remain in Argentine territory for repairs and/or maintenance and accredit such situation, none of those days will be counted as permanence in the country.

### **FLIGHTS TO ISLANDS OF THE SOUTH ATLANTIC ARCHIPELAGOS**

Private general aviation aircraft entering Argentinean airspace bound to island territory or departing from them, with the exemption of Isla Grande de Tierra de Fuego, should obtain prior authorization from the Aeronautical Authority – National Directorate of Inspection of Air Navigation.

On the authorization request that should be presented to satisfy the requirements of the preceding paragraph, the following data should be provided:

- a. registration and type of aircraft;
- b. proposed date of flight;
- c. origin and destination airports;
- d. name, nationality and license (type and number) of the pilot in command and the crew;
- e. purpose of the flight.

Aircraft operators conducting commercial flights and entering the airspace of Argentina with destination to insular territory in the south Atlantic or departing from this destination, with the exemption of Isla Grande de Tierra de Fuego, should obtain prior permission from the following agencies:

- General Directorate of Infrastructure and Airport Services (in all cases);
- National Air Transport Directorate (if the purpose of the flight is commercial air transport);
- National Directorate of Operational Safety (if the purpose of the flight is aerial work).

On the authorization request that should be presented to satisfy the requirements of the preceding paragraph, the following data should be provided:

- a. name and nationality of the company;
- b. proposed date of flight;
- c. purpose of the flight (scheduled, non-scheduled, aerial work, etc.);
- d. itinerary, indicating the origin and destination airports;
- e. registration and type of aircraft;
- f. name, nationality and license (type and number) of the pilot in command and the crew;
- g. number/quantity, origin and destination of the passengers and/or cargo.

### **FEEES**

Fixed fees for the use of international airports are periodically updated and published via Aeronautical Information Circulars (AIC).

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**ARGENTINA  
NATIONAL REGULATIONS AND REQUIREMENTS**
**AIRPORTS OF ENTRY**

Buenos Aires (Aeroparque Jorge Newbery) – SABE<sup>1</sup>  
 Comodoro Rivadavia (Gral. E. Mosconi) – SAVC<sup>1</sup>  
 Cataratas del Iguazu (M.C.E. Krause) – SARI<sup>2, 4</sup>  
 Córdoba (Ing. A.L. Taravella) – Pajas Blancas – SACO<sup>1</sup>  
 Corrientes (Dr. Fernando Piragine Niveyro) – SARC<sup>3, 4, 7</sup>  
 Ezeiza (Ministro Pistarini) – SAEZ<sup>1</sup>  
 Formosa – El Pucu – SARF<sup>3</sup>  
 Jujuy (Gobernador H. Guzmán) – SASJ<sup>1</sup>  
 Mar del Plata (Astor Piazzolla) – SAZM<sup>3, 4, 10</sup>  
 Mendoza (El Plumerillo) – SAME<sup>1</sup>  
 Neuquén (Presidente Perón) – SAZN<sup>2, 4, 8</sup>  
 Paso de los Libres – SARL<sup>3</sup>  
 Posadas – (Lib Gral. J. De San Martin) – SARP<sup>2</sup>  
 Resistencia – José de San Martin – SARE<sup>2, 4</sup>  
 Rio Gallegos (Piloto Civil N. Fernández) – SAWG<sup>1</sup>  
 Rio Grande (Rio Grande) – SAWE<sup>2, 4</sup>  
 Rosario (Islas Malvinas) – SAAR<sup>1</sup>  
 Salta (Gral. D.M.M. de Güemes) – SASA<sup>1</sup>  
 San Carlos de Bariloche – SAZS<sup>1</sup>  
 San Fernando – SADP<sup>3, 9</sup>  
 Trelew (Almirante Marco A. Zar) – SAVT<sup>5</sup>  
 Tucumán (Tte. Benjamin Matienzo) – SANT<sup>1</sup>  
 Ushuaia (Malvinas Argentinas) – SAWH<sup>2, 4, 6</sup>

<sup>1</sup> Regular airport for scheduled international air transportation (includes footnotes 2, 3, 4).

<sup>2</sup> Regular airport for non-scheduled international air transportation (includes footnote 3).

<sup>3</sup> Regular airport for international general aviation.

<sup>4</sup> Alternate airport for scheduled international air transportation.



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**ARGENTINA  
NATIONAL REGULATIONS AND REQUIREMENTS**

<sup>5</sup> Airport of control.

<sup>6</sup> Customs hours of service 1000-2200.

<sup>7</sup> Customs hours of service MON-SUN 0900-2200, SAN and Official FLT O/R 2 HR BFR.

<sup>8</sup> Customs and Immigration O/R 24 HR before, 48 HR before SAT, SUN and holidays. TEL 54299-4440544/4384017.

<sup>9</sup> Customs and Immigration hours of service H24.

<sup>10</sup> Customs and Immigration O/R 6 HR before. TEL +5492235333566.

**BOLIVIA**  
**NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT AND VISA**

Foreigners entering Bolivian territory require a passport, a Visa of Entrance, and a Tourism Card that will be filled out upon arrival. The holder of the card is entitled to a maximum stay in Bolivia of 30 days, which may be renewed a total of three times (total 120 days) for countries in which Bolivia has an agreement.

Tourists from countries requiring a consular visa must solicit a Bolivian consulate abroad for admission.

Diplomats and persons conducting official business with the state in Bolivia are exempt from a tourism card, provided that a diplomatic passport or official immigration form is presented. Foreign diplomatic civil employees are exempt from the inspection of their luggage according to international laws.

Passengers that, in international airports, are transferring to another flight or connection will be allowed to remain in the country no longer than 24 hours when they have been provided with a Transit Visa. A Valid passport and an effective visa for the country of destination and to possess passage rights are required to continue the trip.

Aircraft crew members may use their crew member certificate or license in lieu of a passport when, they remain in the airport in which the aircraft lands or within the limits of the airport, and they leave on the same flight or a following flight. Crew members of the airlines are subject to customs control.

**HEALTH****PUBLIC HEALTH REQUIREMENTS**

Any person who enters the Bolivian territory must present, when appropriate, the relevant vaccination certificate.

**MEASURES OF PUBLIC HEALTH APPLIED TO AIRCRAFT**

Aircraft that enter Bolivian territory are subject to the normal procedures of Public Health in use. If the aircraft comes from an area of a declared epidemic, the sanitary authorities will immediately decontaminate the vessel after arrival.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

All the flights into, from or over the territory of the Republic of Bolivia will be carried out in accordance with the Aeronautical Regulations of Bolivia (RAB), and must be requested a minimum of 48 hours prior to the anticipated time of flight.

Aircraft landing in or departing from the territory of Bolivia must first land and finally depart from an international airport of entry.

In certain circumstances the customs authorities will carry out inspections when passengers deplane.

A seal of departure is required for all foreigners, residents, and nationals.

**BOLIVIA  
NATIONAL REGULATIONS AND REQUIREMENTS**

All air transports and commercial operators must have a Certificate of Air Operations.

Deputy Minister of Transport

Directorate General of Civil Aeronautics

Address: Multiplex Building, 9th Floor

PO Box 9360

La Paz

Bolivia

Tel: 591 2 2444450

591 2 2445801

Fax: 591 2 2119323

591 2 2822895

Internet: [www.dgac.gob.bo](http://www.dgac.gob.bo)

AFTN: SLLPYAYX

**Special Force Against Narcotics Trafficking (FELCN)**

Upon the entrance or exit of the Bolivian territory, the aircraft, passengers, excess luggage, mail and load of regular operators, must be subject to control of narcotics and dangerous substances according to the Regulation of Control in International and National Airports Open to Public Service by the FELCN.

**SCHEDULED FLIGHTS**
**General**

International scheduled flights operated by foreign companies into or in transit across Bolivia must fulfill the following requirements:

- a. When an agreement exists between the state of the airline and Bolivia, the airline must be eligible to conduct the flights under the provisions of a bilateral agreement which corresponds to the RAB.
- b. When an agreement does not exist between the state of the airline and Bolivia, an operations permit will be granted according to the RAB, dependent on economic co-existence and the security of air transport.

All requests to operate scheduled air services must be subject to the Specifications of Operation (ESOPS) that will be granted in agreement with regulations established in the country.

Aircraft of the signatory States of the Civil Aviation Agreement (Chicago Convention 1944) that do not operate in Bolivia, can fly over Bolivian territory in scheduled international flights and make technical landings with non-commercial aims, provided that the respective authorization is presented to the Directorate General of Civil Aeronautics (DGAC) within 48 hours of the anticipated flight at the following address:

Civil Aviation Directorate

Tel: 591 2 2444450

**BOLIVIA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

591 2 2445801

TEL/FAX: 591 2 2114468

TEL/FAX: 591 2 2115515

AFTN: SLLPYAYX

Public Hours: Monday to Friday from 0830 to 1630 hours

After Hours: Non-working days, holidays, and outside office hours.

TEL/FAX: 591 2 2822895

All landings must take place in an international airport.

**Documentary Requirements for Clearance of Aircraft**

When the airlines conduct operations arriving or departing from the Bolivian territory, the following information shall be presented/displayed. All documents listed must follow the ICAO standard format, as set forth in the relevant appendices to Annex 9, and are acceptable when furnished in English or Spanish and completed in legible handwriting.

- the General Declaration,
- Passenger Manifest,
- cargo Manifest, and
- letter of Embarking/Disembarking.

A copy of these documents is required for National Customs, immigration, and DGAC.

**NON-SCHEDULED FLIGHTS****General**

All operators who project to carry out a nonscheduled flight into, from, or technical landing in the territory of Bolivia, will have to request the corresponding authorization to the Dirección General de Aeronáutica Civil, with a minimum of 48 hours prior to the date of anticipated flight, taking into account operating business days.

The request must contain the following information:

- a. Name and business address of the Operator (Telephone/Fax)
- b. Type, Nationality, registration and Gross Weight of the aircraft
- c. Name of the Pilot In Command and License number.
- d. Date and time of arrival and/or departure
- e. ATS Routes (Airways) to follow
- f. Name of international airports of entry and departure to use.
- g. Purpose of flight (Private, Commercial, etc.).
- h. Number of passengers

## **BOLIVIA NATIONAL REGULATIONS AND REQUIREMENTS**

- i. Type and amount of load (If transporting dangerous merchandise, the information will have to be declared to the DGAC in a timely manner to request authorization).

As part of the request, international operators will enclose photocopies of; the registration certificate, airworthiness certificate, insurance policy, and current crew medical certificates.

National or foreign operators conducting charter flights will have to pay the respective rates by aeronautical services and to comply with the customs legislation in effect. Bolivia does not govern economic obligations by non-scheduled transportation of passengers and/or cargo.

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

### **Exemptions**

The minimum request of 48 hours in advance of an anticipated flight will only be reconsidered in cases of Flight Ambulances and aircraft emergencies, and properly verified by the Inspectors of the DGAC.

### **PRIVATE FLIGHTS**

All national and foreign private operators who wish to enter or exit the Bolivian territory will have to request the corresponding authorization to the Dirección General de Aeronáutica Civil, with a minimum of 48 hours prior to the date of anticipated flight, taking into account operating business days.

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

## **AIRPORTS OF ENTRY**

Cobija<sup>1</sup>

Cochabamba (Jorge Wilsterman)

Guayaramerin<sup>1</sup>

La Paz (Kennedy Intl)

Puerto Suarez (Salvador Ogaya)<sup>1</sup>

Santa Cruz (Viru Viru Intl)

Tarija (Capt. Oriel Lea Plaza)<sup>1</sup>

Trinidad (Jorge Henrich Arauz)<sup>1</sup>

Yacuiba<sup>1</sup>

<sup>1</sup> Customs Part Time O/R

**BRAZIL**  
**NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT AND VISA**

Temporary visitors must be in possession of a valid passport, with the exception of citizens from the following countries, who shall hold only their identity cards: ARGENTINA, CHILE, PARAGUAY and URUGUAY.

The E/D card is required, indicating the passport number (or the official identity card, when necessary).

No documents or visas are required from passengers arriving and departing on the same non-stop flight, or transferring to another flight at the same or a nearby airport.

For flight crew members on scheduled services who keep possession of their licences when embarking and disembarking and remain at the airport where the aircraft has stopped or within the confines of the cities adjacent thereto and depart on the same aircraft or on the next scheduled flight from Brazil, the crew member licence or certificate is accepted in lieu of a passport with visa for temporary admission into Brazil. This provision is also applicable when the crew member enters Brazil by other means of transport, for the purpose of joining an aircraft.

**HEALTH****PUBLIC HEALTH REQUIREMENTS**

Disembarking passengers are required to present vaccination certificates.

**PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

No public health measures are required to be carried out in respect of aircraft entering Brazil with the following exceptions.

Aircraft arriving from infected areas may land at any Brazilian international airport, provided that the aircraft has been disinfected, when arriving by the local health authority. The aircraft must maintain the doors and windows closed and the ventilation systems turned off until the aircraft is completely disinfected.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

All flights destined for, from, or over Brazilian territory and landings in such territory shall be carried out in accordance with Brazilian regulations in force regarding civil aviation.

Every aircraft proceeding from abroad, destined to Brazil or in transit, shall perform its first landing on and its last take off from an international airport. Any foreign civil aircraft may be compelled by the aeronautical authority to leave the country provided that it is not subject to interdiction or seizure, under the law, according to the nature of the violation committed. The aircraft shall only be permitted to leave the country after complying with the formalities of the competent units.

**DESIGNATED AUTHORITIES****Civil Aviation Authority**

Agência Nacional de Aviação Civil (National Civil Aviation Agency) – ANAC

**BRAZIL**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Address: Setor Comercial Sul – Quadra 09 – Lote C  
Edificio Parque Cidade Corporate – Torre A  
Brasilia  
DF  
Brazil  
70.308-200

Internet: [www.anac.gov.br](http://www.anac.gov.br)

**Customs**

Ministério da Fazenda

Address: Secretaria da Receita Federal  
Av. Presidente Antônio Carlos, 375 – 9º andar  
Rio de Janeiro  
RJ  
Brazil  
20020-010

Telex: RECEFAZ

E-Mail: [acs.df.gmf@fazenda.gov.br](mailto:acs.df.gmf@fazenda.gov.br)

Internet: [www.fazenda.gov.br](http://www.fazenda.gov.br)

**Health**

Ministério da Saúde

Address: Servico de Saúde dos Portos  
Praça Marechal Âncora s/n  
Rio de Janeiro  
RJ  
Brazil  
20021-200

Telex: SAPORTOS

Internet: [www.saude.gov.br](http://www.saude.gov.br)

**SCHEDULED FLIGHTS**

For international scheduled flights operated by foreign airlines into or in transit across Brazil, the following requirements should be met:

- a. The airline must be eligible to operate flights under the provisions of a bilateral agreement to which the State of the airline and Brazil are contracting parties, and must have a permit to operate into or in transit across Brazil.

**BRAZIL**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

- b. Applications for such permits shall be submitted to the National Civil Aviation Agency (ANAC).

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the aircraft documents mentioned hereafter be submitted by airline operators for clearance on entry and departure of their aircraft to and from Brazil. The documents listed below must conform to the ICAO standard format as set forth in the relevant *Appendices to Annex 9* (not published herein) and are acceptable when furnished in English, French or Spanish and completed in legible handwriting. Such documents require no visa.

- a. The General Declaration and the Passenger Manifest are not required for clearance of an aircraft engaged in an international flight;
- b. The carrier must furnish to the Federal Police Department and the National Division of Public Health of Ports, Airports and Frontiers at the stopover and destination airports, a written notification including the name of the operating airline, flight number or aircraft registration marks, besides the following data:
  1. Arrival: route and number of crew and passengers disembarking and in transit;
  2. Departure: route and number of crew and passengers embarking and in transit.

**NON-SCHEDULED FLIGHTS****General**

Civil aircraft registered in any Contracting State of the International Civil Aviation Organization (ICAO), when engaged in service of non-scheduled commercial international air transportation of passengers or cargo, partially or totally destined to Brazil, shall only be permitted to enter the Brazilian territory or overfly it with previous authorization from the ANAC.

**Documentary Requirements for Clearance of Aircraft**

The application for such authorization shall be made directly to the ANAC by the aircraft owner, operator or their legally authorized representatives, at least 48 (forty-eight) hours prior to the estimated date of the aircraft arrival at the first international airport in Brazil. Should the interested person prefer the diplomatic via or in case the aircraft is registered in a State which is not a Contracting State of the International Civil Aviation Organization (ICAO), the time limit shall be of 30 (thirty) days, at least.

The request for authorization shall be made via e-mail or registration on the ANAC site ([www.anac.gov.br](http://www.anac.gov.br)) and must include the following information:

- a. Type of aircraft and configuration to be employed;
- b. Aircraft nationality and registration marks;
- c. Number of scheduled flights and respective dates;
- d. Origin and destination of each flight, estimated schedules, intermediate stops, route to be followed, airports involved as well as the international airport of entry and, therefore, of departure from Brazil;



## **BRAZIL NATIONAL REGULATIONS AND REQUIREMENTS**

- e. Estimated number of people taking part in each flight and period of stay in Brazil and each location;
- f. Travel agencies and involved operators, hotels, touristic services and agencies responsible for ground program in the country;
- g. A certificate of responsibility on which the requesting airline guarantees the return of the passengers to their point of origin by another air carrier if it cannot carry out the transportation accordingly;
- h. Number of the insurance policy guaranteeing damages that may occur to third parties on the ground, its validity time limit and the names of the company issuing it.

The ANAC may refuse the authorization or establish other conditions, including shorter periods of time or another airport of entry, other routes and stops, when it is deemed a matter of public interest.

### **PRIVATE AND NONCOMMERCIAL FLIGHTS**

#### **Advance Notification of Arrival**

A civil aircraft of a Contracting State of the International Civil Aviation Organization (ICAO) may enter Brazil and overfly its territory:

- a. when not engaged in commercial transportation of passengers and/or cargo, or
- b. when in transit provided no passenger and/or cargo is embarked or disembarked from Brazilian territory,

with a previous registration on the ANAC site ([www.anac.gov.br](http://www.anac.gov.br)).

The registration mentioned above shall include the following information:

- a. name of aircraft owner or operator;
- b. data of pilot-in-command;
- c. data of aircraft;
- d. data of insurance policy;
- e. the international airport intended for landing; and
- f. estimated date and time of flight.

Should there be any problems in the registration process, prior to the flight plan submission of flights to the Brazilian territory, information contained in the flight plan and addressed as prescribed by the Department of Airspace Control (DECEA) standards - can be accepted as a previous notification of aircraft arrival.

The aircraft must have a third party insurance to cover the costs of possible damages on the ground.

Aircraft engaged in non-commercial air transport shall be so considered provided that they are executing:

**BRAZIL  
NATIONAL REGULATIONS AND REQUIREMENTS**

- a. a flight for the aid, search and rescue of aircraft, ships, or people on board;
- b. a touring or business trip, when the owner is a natural person and is on board;
- c. a trip to carry the director or representative of a society or firm and the aircraft are the propriety of such society or firm;
- d. specialized air services for the exclusive benefits of their owners or operators; and
- e. other flights which can be proved to be non-commercial.

Every foreign aircraft operator or pilot-in-command who, after the first landing at international airports within the Brazilian territory, intend to go to another airport within the Brazilian territory must obtain a permit from the ANAC.

The permit request for the Brazilian territory in order to obtain the necessary flight authorization from the ANAC (AVANACO must be done via electronic form available on the ANAC site on the internet, 24 (twenty-four) hours in advance from the estimated time for landing.

The initial time limit for the stay of aircraft in Brazilian territory shall be 60 (sixty) days, and it may be extended for equal periods of 45 (forty-five) days by means of an application addressed to the aeronautical and customs authorities not less than 15 (fifteen) days ahead of time.

According to what is prescribed in the specific legislation, any of the authorities mentioned may reconsider the license granted and shall inform the other of such measure through a well-founded document so that he may proceed likewise.

**Documentary Requirements for Clearance of Aircraft**

As the aircraft lands at the first international airport in the country, the pilot in command shall be formally responsible, as the owner or operator agent, for the prescribed indemnities for the use of the airport facilities and support to air navigation, approach and landing, and shall be in possession of the following documentation:

- a. aircraft registration certificate;
- b. aircraft airworthiness certificate;
- c. individual license of crew members and their respective certificate and nationality documents; and
- d. insurance certificate against third party damages on the ground.

The entry of a foreign aircraft into the Brazilian national territory shall be subject to the compliance with the customs formalities besides AVANAC.

The formalities of entry shall be carried out in view of the documentation concerning the aircraft, its cargo, mailbag and other goods existing on board and shall be concluded with the drawing up of the Entry Certificate issued by the Brazilian Internal Revenue Service.

Except for aircraft from regular airlines and military aircraft, every operator or pilot-in-command of an aircraft, when intending to fly to an airport outside the Brazilian territory, shall obtain the General Declaration (GEDEC) from federal authorities (Federal Customs Authority, Federal Police

## **BRAZIL NATIONAL REGULATIONS AND REQUIREMENTS**

and National Division of Sanitary Surveillance of Ports, Airports and Borders). This information, "RMK/GEDEC CFM", shall be inserted in item 18 of the Flight Plan at the time of filling.

### **FEES**

The following types of fees and charges may be expected:

- a. Landing Charges
- b. Parking Charges
- c. Passenger Service Charges
- d. Air Navigation Facility Charges

Owners or operators of aircraft bearing foreign registration and nationality marks shall be charged for services rendered in US dollars, or in the corresponding value of the national currency based on the exchange rate, in accordance with sale floating exchange rate of the currency (commercial dollar), calculated by the Central Bank of Brazil in force on the day when the charge is to be paid.

### **AIRPORTS OF ENTRY**

*NOTE: Services available H24 unless otherwise noted.*

Bage (CMTE Gustavo Kraemer) <sup>1</sup>

Belem (Val de Caes Intl)

Belo Horizonte (Tancredo Neves Intl)

Boa Vista (Atlas Brazil Cantanhede Intl) <sup>2</sup>

Brasilia (Presidente Juscelino Kubitschek Intl)

Campinas (Viracopos) <sup>7</sup>

Campo Grande (Intl) <sup>3</sup>

Corumba (Intl) <sup>9</sup>

Cruzeiro Do Sul (Intl) <sup>4</sup>

Cuiaba (Marechal Rondon Intl)

Curitiba (Afonso Pena Intl)

Florianopolis (Hercilio Luz Intl)

Fortaleza (Pinto Martins Intl)

Foz do Iguacu (Cataratas)

Joao Pessoa (Presidente Castro Pinto)

Macapa (Intl) <sup>6</sup>

Manaus (Eduardo Gomes Intl)

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**BRAZIL  
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Natal (Augusto Severo)

Navegantes (Ministro Victor Konder Intl) <sup>1</sup>

Pelotas (Intl) <sup>1</sup>

Ponta Pora (Intl) <sup>5</sup>

Porto Alegre (Salgado Filho Intl)

Porto Velho (Governador Jorge Teixeira de Oliveira)

Porto Seguro (Porto Seguro Airport) <sup>9</sup>

Recife (Guararapes Intl)

Ribeirao Preto (Leite Lopes) <sup>10</sup>

Rio De Janeiro (Galeao-Antonio Carlos Jobim Intl)

Salvador (Dep. E.L. Magalhaes Intl)

Santarem (Intl)

Sao Luis (Marechal Cunha Machado)

Sao Paulo (-/Intl-Guarulhos)

Tabatinga (Intl) <sup>11</sup>

Uruguaiana (Rubem Berta Intl)

<sup>1</sup> O/R to AD Administration, 24 hours advance notice.

<sup>2</sup> Customs hours of service MON–FRI 1200–1600 1800–2200 exc hol.

<sup>3</sup> MON–FRI 1000–2200.

<sup>4</sup> O/R with 10 days priority.

<sup>5</sup> Customer Service hours MON–FRI 1130–1530 1730–2130 exc hol.

<sup>6</sup> MON–FRI 0800–1200, 1400–1800, exc hol.

<sup>7</sup> O/R to AD Administration, 24 hours advance notice, mandatorily in the period MON–FRI 1100–2000, except on holidays.

<sup>8</sup> For international flights, air companies shall request Customs and Immigration and Health and Sanitation services a minimum of one hour in advance.

<sup>9</sup> Customs hours of service MON–FRI 1200–1500 1700–2100.

<sup>10</sup> O/R DAESP.

<sup>11</sup> Available at the scheduled flight hours and also O/R to the AD administration. Other aircraft with minimum priority of H24 at TEL (97) 3412-3310.

**CHILE**  
**NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT AND VISA**

Foreigners who enter as tourists are allowed a stay no longer than ninety (90) days without immigration intentions. A Temporary Residency Visa will be granted to a foreigner who travels to Chile and stays more than ninety (90) days and has the bond of family or interests in the country, or whose residence in Chile is considered useful or advantageous. Said Visa will last a maximum of (1) year. Once the visa is granted and printed, the holder has ninety (90) days to make it effective by entering Chilean territory. If the visa is not activated within this limit it will no longer be valid.

Tourists are allowed to enter Chile with a passport or another acceptable form of identification without a visa or effective ID card (only if there is an exchange agreement with the country of the tourist). However, if the tourist is a national of a country that Chile does not maintain diplomatic relations with, he/she must have a valid passport along with a properly authorized (stamped) visa by the Chilean Consulate. If tourists enter with only valid identification, the following information is required to be displayed on the ID:

- a. Name, address and profession or guild;
- b. Date and birthplace;
- c. Nationality;
- d. Effective date;
- e. Signature and stamp of the issuing authority; and
- f. Photograph.

Legal aliens will only be able to enter the country with a valid passport or other legal documentation (i.e., Laizzes Passer), a proper visa, and documentation.

Air Carriers should take the appropriate action to ensure non-Chilean residents who leave or enter Chile properly fill out the white card/immigration forms (embarking/disembarking).

Passengers and crew are required to contact the Customs Authorities upon arrival.

No documents or visas are required of Passengers in transit provided they remain in the precincts of the airport. In the event of a passenger being transferred outside the airport a Tourism Card must be obtained.

Crews of foreign aircraft may enter the national territory, provided they are included in the respective crew list and are in possession of their Crew Member License when embarking or disembarking, and provided they stay at the airport where the aircraft stops or within the limits of the cities in the vicinity and exit the country on the same aircraft or on the next scheduled flight. If travelling by other means to join the crew of an aircraft, they must enter according to the ordinary rules as an alien.

**HEALTH**

No health certificates are required.

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NATIONAL REGULATIONS AND REQUIREMENTS

## AIRCRAFT ENTRY REQUIREMENTS

## GENERAL

All flights to, from or above Chilean territory and landings made on such territory, will be conducted in accordance with the regulations and dispositions that govern civil aviation in Chile, and will be subject to Chilean regulations and legislation.

The Dirección General de Aeronáutica Civil could at any moment, demand the landing of aircraft that overfly the national territory.

Except for emergencies or forced landings, the arrival and departure of any national or foreign aircraft that is conducting international flights, can be made only at international airports as listed under AIRPORTS OF ENTRY, below.

When a foreign operator solicits to conduct operations into an airport that is not an international Airport of entry, a request will have to be presented/displayed 10 days in advance of the anticipated date of operation. **SCEL APT ARO Office**, must request and receive written approval to the Sub-Department of Aerodrome. Sub-Department of Aerodrome Services (FAX 22904640) prior issuing the authorization. The pilot in command will have to make certain to receive and is required to carry a copy of this authorization.

Aircraft that arrive or depart from a free zone should submit to a review from customs at such zone. When entering a part of the national territory that does not have such free zone, the first foreseen landing should be at an international airport.

The term “stop for non-commercial purposes” means a stop made for any purpose other than taking or leaving passengers, cargo or mail, transported for pay.

It is prohibited for aircraft to fly over “inaccessible regions” that do not have adequate air navigation installations.

The Notification Office of Air Traffic Services (ARO) at Arturo Merino Benitez Airport is the unit responsible for processing all requests to enter, fly over and land in the national territory. In addition, the ARO coordinates and transmits the corresponding documentation authorizing the operation in Chile.

In accordance with the provisions of Supreme Decree No. 34 to enter Chilean territory, it shall be sufficient that the pilot in command of the aircraft submit an application 24 hours in advance of the scheduled time of arrival to the arrival airport or entry to Chilean airspace.

The following information is required to process the application:

- a. Name of the operator or aircraft captain;
- b. Billing address;
- c. Business name;
- d. Aircraft registration and type;
- e. Maximum take-off weight;
- f. Nationality of the operator or pilot;

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NATIONAL REGULATIONS AND REQUIREMENTS**

- g. Name of the crew(s);
- h. Type of flight (sport, private, commercial, touristic, business, etc.);
- i. Purpose of the flight;
- j. Airport of entry, stop overs and exit;
- k. Route;
- l. Date of operation;
- m. Remarks;
- n. Electronic mail address;
- o. Copy of the airworthiness certificate.
- p. For commercial flights, the following information must be attached:
  - Authorization from the Junta Aeronautica Civil (JAC);
  - Current insurance;
  - Number of flights;
  - Cargo shipper;
  - Consignee;
  - The name of the person or entity for whose account and risk the flight is; and
  - Date of flight and first stop point in Chile.

The offices of the Air Traffic Services should receive the application to enter, land or fly over the country and should submit the application as soon as possible to the ARO of Arturo Merino Benítez Airport by any of the following means:

Telegraphic address (AFS): SCELZPZX SCELAUYY

Telephone: (56) 224363227

Fax: (56) 226019366

Email: operaciones\_amb@dgac.gob.cl

Landing in the country shall take place only at aerodromes classified as airports; otherwise, there must be an express authorization from the Aerodrome and Airport Services Department, Aerodrome Certification Section.

Upon receipt of the application, the Flight Services Technicians (TSV) of Arturo Merino Benítez Airport ARO shall take all the necessary action to coordinate with the relevant agencies, depending on the type of operation, to grant the corresponding authorization.

For the operations carried out in the Terminal Control Area of Santiago, the ARO of Arturo Merino Benítez airport shall consider the air traffic flow before granting the corresponding authorization.

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**NATIONAL REGULATIONS AND REQUIREMENTS**

The results of the application (approved/rejected) shall be transmitted to the applicant (departure airport) through the Aeronautical Fixed Telecommunication Network (AFTN), as well as to all the aeronautical agencies and government organizations involved in the operation, as appropriate.

Those organizations which are not connected to the AFTN shall be notified through electronic mail and, if necessary, the same means shall be used to notify the applicant pilot. Independently of the above, the departure and arrival airports shall be notified.

**DESIGNATED AUTHORITIES**

Civil Aviation Directorate General

Business address:

Address: Avda. Miguel Claro 1314 Providencia  
Santiago  
Chile

Postal address:

Address: Clasificador 3 Santiago Correo 9 Providencia  
Santiago  
Chile

Tel: (56) 224392000

Fax: (56) 224392001

E-Mail: dgac@dgac.gob.cl

Internet: www.dgac.cl

AFTN: SCSCYAYX

Secretary General

Business address:

Address: Avda. Miguel Claro 1314 Providencia  
Santiago  
Chile

Postal address:

Address: Clasificador 3 Santiago Correo 9 Providencia  
Santiago  
Chile

Tel: (56) 224392436

Fax: (56) 224397632

E-Mail: rrpp@dgac.gob.cl

AFTN: SCSCZXSC



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**CHILE**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Civil Aeronautical Board

Business address:

Ministerio de Transportes y Telecomunicaciones

Address: Amunátegui 139, 7th Floor  
Santiago  
Chile

Postal address:

Junta Aeronáutica Civil

Address: Amunátegui 139, 7th Floor  
Santiago  
Chile

Tel: (56) 226985594

Fax: (56) 226983148

E-Mail: jac@mtt.cl

Department of Aerodromes and Aeronautical Services

Business address:

Address: Avda. San Pablo 8381 Pudahuel  
Santiago  
Chile

Postal address:

Civil Aviation Directorate General

Address: Clasificador 3 Santiago Correo 9 Providencia  
Santiago  
Chile

Tel: (56) 222904602 – 226437240

Fax: (56) 222904606 – 226431492

E-Mail: dirdasa@dgac.gob.cl

AFTN: SCSCZXAX

Sub-Department of Air Traffic Services

Business address:

Address: Avda. San Pablo 8381 Pudahuel  
Santiago  
Chile

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**CHILE  
NATIONAL REGULATIONS AND REQUIREMENTS****Postal address:****Civil Aviation Directorate General**

**Address:** Clasificador 3 Santiago Correo 9 Providencia  
Santiago  
Chile

**Tel:** (56) 222904611

**Fax:** (56) 226441446

**E-Mail:** sdta@dgac.gob.cl

**AFTN:** SCSCZXAN

**Aerodrome Certification and Inspection Section****Business address:**

**Address:** Avda. San Pablo 8381 Pudahuel  
Santiago  
Chile

**Postal address:****Civil Aviation Directorate General**

**Address:** Clasificador 3 Santiago Correo 9 Providencia  
Santiago  
Chile

**Tel:** (56) 222904635

**Fax:** (56) 222904640

**E-Mail:** aerodromos@dgac.gob.cl

**AFTN:** SCSCZXAD

**Customs National Service****Dirección Regional de Aduana Metropolitana**

**Address:** Diego Aracena 1948 AP Arturo Merino B.  
**Tel:** (56) 222995200  
**Fax:** (56) 226011165

**Sub-Department of Travelers**

**Tel:** (56) 222995221

**Mobile:** (+56) 998895778 Jefe de Turno

**Shift Leader**

**Tel:** (56) 222995216

**Mobile:** (+56) 990794692 Atención de Vuelos

CHILE  
NATIONAL REGULATIONS AND REQUIREMENTS**FOREIGN CIVIL AIRCRAFT WITH COMMERCIAL PURPOSES****COMMERCIAL AIRCRAFT WITH CAPACITY UP TO 20 PASSENGERS**

In this category are aircraft with capacity of 20 seats or less, of foreign airlines planning to conduct a flight or a series of scheduled or non-scheduled flights overflying or making commercial stops with the only purpose of embarking or disembarking passengers.

**Non-Scheduled Commercial Aircraft**

For this type of operation, the application must be submitted 12 hours before the estimated time of arrival (ETA) at the airport or internationalized aerodrome of entry in the country.

The information required for the application for entry to the national territory is defined above.

**Scheduled Commercial Aircraft**

Companies intending to carry out scheduled flights must have written permission from the Junta de Aeronautica Civil (Civil Aviation Board) (JAC).

The ARO at Arturo Merino Benitez airport shall process the application submitted by the company or crew, coordinating with the relevant agencies for the operation. Subsequently, the ARO shall grant the corresponding authorization, which will be transmitted by AFTN to the units involved in the operation, providing a copy to the Flight Services Section of the Aerodrome Department and Aeronautical Services, DASA (SCLPYTYC).

**COMMERCIAL AIRCRAFT WITH CAPACITY EXCEEDING 20 PASSENGERS**

In this category are cargo and/or passenger aircraft with a capacity exceeding 20 seats, which are intended to carry out scheduled and non-scheduled operations transporting passengers and freight.

**Scheduled Commercial Aircraft**

Companies intending to operate scheduled flights shall obtain written permission from the JAC.

The ARO at Arturo Merino Benitez shall request of the operator or its representative the Technical Operations Authorization (ATO) issued by the Sub-Department of Operations and the certification of the itineraries to be used in Chile.

The authorization of itineraries and their subsequent amendments must be approved by the Sub-Department of Aerodrome Services, Certification and Aerodrome Inspection Section.

Once the operation is authorized, all aerodromes and airports in the country, ATS units, the Operational Safety Department (DSO), and DASA will be notified, including in such information the schedule and the flight material to be used. In addition, all subsequent changes that occur must be reported so that these itineraries are constantly kept updated.

**Non-Scheduled Commercial Aircraft**

In this category, permission is required from the JAC, which allows the commercial air operation in this country.

JAC

**CHILE  
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Postal address:

Address: Amunátegui 139, 7th Floor  
Santiago  
Chile

Tel: (56) 226985594 / 2267311020 / 226731021

Fax: (56) 226983148

E-Mail: jac@mtt.gob.cl

The ARO at Arturo Merino Benitez shall request of the operator or its representative the Technical Operations Authorization (ATO) issued by the Sub-Department of Operations and the certification of the itineraries to be used in Chile.

Once the operation is authorized, all aerodromes and airports in the country, ATS units, the Operational Safety Department (DSO), and DASA will be notified, including in such information the schedule and the flight material to be used.

**COMMERCIAL AIRCRAFT OVERFLYING OR MAKING NON-SCHEDULED  
OPERATIONAL TECHNICAL STOPS**

Companies engaged in non-scheduled operations, overflights or technical stops only, without embarking or disembarking cargo or passengers, do not require permission from the JAC and the provisions for commercial aviation of 20 or less seats shall apply.

**PRIVATE FLIGHTS**

This category includes all aircraft that carry out private business, tourist or sport flights.

Once the information is received, the ARO at Arturo Merino Benitez Airport shall coordinate the permit with the relevant agencies according to the type of operation, granting permission to enter the country and notifying the aerodromes and domestic airports.

These aircraft will be granted a permit for a period of up to 30 days from the date entered in the respective entry clearance, overflight and arrival in the country.

Aircraft wishing to extend their stay in Chile for a longer period of time than authorized shall be granted a permit of up to 30 additional days. A new application must be submitted as indicated in the GENERAL section above at any of the Air Traffic Services Notification Offices in the country (ARO).

If aircraft wish to extend their stay in Chile for a period exceeding 60 days, the ARO at Arturo Merino Benitez Airport shall forward the information to the Sub-Department of Airworthiness, the agency responsible for authorizing the extension for the time requested by the aircraft. This permit must be renewed annually.

Telephone: (562) 224392692 / 224392691 / 224392651

Fax: (56) 224392676

The entry, overflight and landing clearance to Chile does not exempt aircraft from paying the aeronautical fees for aircraft operations,

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## **SPECIAL OPERATIONS IN THE ANTARCTIC TERRITORY**

Domestic and foreign air operators, whether with or without commercial purposes, wishing to carry out eventual operations or during predetermined periods to the Antarctic territory, shall submit an application containing the following information:

- a. Place and date of the application;
- b. Name of the operator or aero commercial company;
- c. Postal or telegraphic address;
- d. Nationality of the company or operator;
- e. Type of aircraft;
- f. Aircraft registration;
- g. Name of the pilot/license/type ratings/nationality;
- h. Number of crew and list of passengers;
- i. Purpose of flights;
- j. Date of entry and exit of the country;
- k. Length of stay in the Antarctic territory;
- l. Base of operation(s) in the Antarctic territory;
- m. Communication system to be used (VHF-HF);
- n. Adequate survival equipment to the route and area of operation;
- o. Aircraft insurance and passenger seats (only commercial aircraft);
- p. Program of activities in the Antarctic territory, indicating the dates of operation; and
- q. Name and signature of the person representing the applicant and taking responsibility for the application.

The ARO at Arturo Merino Benítez Airport shall coordinate the application and inform the following agencies of the application:

Instituto Antartico Chileno (INACH) (Chilean Antarctic Institute)

Postal address:

Address: Plaza Muñoz Gamero 1055  
Punta Arenas  
Chile

Tel: (56-61) 222298100

E-Mail: [inach@inach.gob.cl](mailto:inach@inach.gob.cl)

Junta Aeronautica Civil (JAC) (Civil Aeronautic Board)

Postal address:

Address: Amunátegui 139, 7th Floor

**CHILE**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Santiago

Chile

Tel: (56) 226985594 / (56) 226731020 / (56) 226731021

Fax: (56) 226983148

E-Mail: jac@mtt.gob.cl

**SPECIAL SITUATIONS**

When an Air Traffic Service Unit receives a submitted Flight Plan message from a foreign aircraft and does not have the corresponding entry application, such unit shall accept this Flight Plan as advance notice of the application and shall allow the operation.

The ARO at the destination airport or aerodrome shall refer the submitted Flight Plan (FPL) via AFTN to the ARO at Arturo Merino Benitez Airport, adding at the end of item 18 of ATC-1 the legend "Aceptado como Aviso Previo" ("Accepted as Advance Notice").

After arrival, the pilot in command shall coordinate the entry in the country at the arrival ARO, providing the required background. These aircraft will be granted a permit for a period of up to 30 days from the date entered in the respective entry clearance, overflight and arrival in the country.

When the submitted Flight Plan message as application of operation is accepted and the aircraft only flies over the country, Air Traffic Services shall request from the aircraft in flight the billing address of the operator, which will be reported through the corresponding ARO to the Marketing and Finance Department, Aeronautical Fees and Charges Section by any of the following channels:

Telegraphic address (AFS): SCSCZXCD

Telephones: (56) 224392324 / 224392325

Telephone fax: (56) 224392120 (annex 2327)

Email: sbd.comercial@dgac.gob.cl

**PUBLIC MEASURES APPLIED TO AIRCRAFT****General**

Any aircraft that lands in the national territory and that comes from abroad or from areas with the presence of plagues should be treated with insecticide in accordance with the current health regulations.

**Phytosanitary Requirements**

In accordance with the current regulations stipulated in Exempt Resolution Nbr. 1558 of the Agricultural and Livestock Service (SAG) where the requirements are stated for aircraft coming from abroad, an aerosol insecticide application must be made inside the cabin each time it enters the national territory and must be applied at the last airport before its take-off to Chile.

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NATIONAL REGULATIONS AND REQUIREMENTS

Insecticide Product (active ingredient)	Dose of the Product
Permetrina (2%) and d-fenotrina (2%) in aerosol	1.4 gr/m3
Cyfluthrin 0.1 % in aerosol	5 m/m3

**Disinsection Procedure for Aircraft Coming from Abroad**

Air Operators must issue a Phytosanitary Treatment Certificate, which must be submitted to the Agricultural and Livestock Service (SAG) when the aircraft arrives in the country and which includes the aircraft registration number, type of aircraft, applied treatment, date and place of the application or the Air Operators must record such data in the website that SAG maintains for these purposes.

The officers of the Agricultural and Livestock Service, stationed at the Airport of Entry to Chile, shall make the documentary and physical inspection of the aircraft to verify compliance with the regulations in force.

If this resolution is not complied with or if live arthropods are detected, the treatment established in this resolution must be applied to the aircraft and must be done on arrival and prior to unloading the cargo hold.

All cargo materials, such as metal pallets and containers, must come clean and be free of dirt and vegetable or animal debris.

The costs derived from the applied sanitary measures shall be charged to the companies or institutions of air cargo, passengers and general, national or international aviation.

**FEES**

The rights and fees for landing, parking or accommodation of aircraft will be published as needed by the Dirección General de Aeronáutica Civil.

**AIRPORTS OF ENTRY**

Antofagasta (Andres Sabella)<sup>1</sup>

Arica (Chacalluta Intl)<sup>1</sup>

Concepción (Carriel Sur Intl)<sup>1</sup>

Iquique (Diego Aracena Intl)<sup>1</sup>

Isla de Pascua (Easter I) (Mataverí Intl)<sup>1</sup>

Puerto Montt (El Tepual Intl)<sup>1</sup>

Punta Arenas (Carlos Ibanez del Campo Intl)<sup>2</sup>

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**CHILE  
NATIONAL REGULATIONS AND REQUIREMENTS**

Santiago (Arturo Meriño Benítez Intl)<sup>1</sup>

<sup>1</sup> Customs 24 hours O/R

<sup>2</sup> Customs Mon–Fri 1130–2300, Sat/Sun 1100–2300, Mon–Sun 0300–1100 O/R.



COLOMBIA  
NATIONAL REGULATIONS AND REQUIREMENTS**PASSPORT AND VISA**

No documents or visas are required of passengers arriving or departing on the same through flight or transferring to another flight at the same or a nearby airport. If travel to another city is necessary, a provisional permit of transit will be issued.

Temporary visitors must be in possession of a valid passport from the country of origin, as well as a visa. A tourist or transit card and a return ticket to the country of origin are also required.

Exceptions to the above requirements are:

- a. Laissez Passer issued by the United Nations.
- b. Official document of travel given by OEA.
- c. Colombia official document of travel given to foreigners living in Colombia.
- d. Crewmember certificate or license of a scheduled airline service.

While on duty, aircraft crew members of a scheduled airline service may use their licenses in lieu of a passport. This provision applies only if there is a reciprocal privilege for Colombian aircrews between the country of origin and Colombia.

Crewmembers entering Colombia by other means of transport to join the regular aircrew of an aircraft must have the same documents that are required of arriving passengers.

**HEALTH**

Vaccination certificates are not required for cholera, yellow fever or smallpox, unless coming from an infected area. However, yellow fever vaccinations and antimalarial drugs are recommended for all travelers to most rural areas of the country.

**PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

No public health care measures will be applied to aircraft when entering Colombia and solely vaccination certificates will be requested only if the health authority deems it necessary.

When aircraft come from places that have been declared an epidemic, if the health authority deems it necessary, disinfection will be applied immediately upon arrival.

Typically, sanitary inspections should be carried out with respect to the cargo on board, when involving food, biological or pharmacological produce.

**REQUEST AUTHORIZATION OVERFLIGHT ON COLOMBIAN AIRSPACE**

Colombia as a signatory to the Convention on International Civil Aviation (Chicago 1944), overflight supports to all civil aircraft registered in the participating states of the agreement. Those civil aircraft that have constituted a payment guarantee with the Unidad Administrativa Especial de Aeronautica Civil do not require prior permission. Otherwise authorization is required prior issued by the Colombian aeronautical authority.

To request permission for overflight to the Colombian Civil Aviation Authority, you must perform the following steps:

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NATIONAL REGULATIONS AND REQUIREMENTS**

- a. Enter the Portal of the Aeronáutica Civil de Colombia, [www.aerocivil.gov.co](http://www.aerocivil.gov.co), the Bullet “*Trámites*” option, “-> *Empresas Aeronáuticas*” then column “NOMBRE DEL TRAMITE” search “*Solicitud Autorización Sobrevuelos en el Espacio Aéreo Colombiano*”. Follow the instructions at “Enlace” and download the *Formato Solicitud Sobrevuelos* – (Excel format).
- b. Fill the “Formato Solicitud Sobrevuelo”, attaching the required documents (signed form) as are required. If these documents are not attached to the format, the application will not be processed.
- c. Submit the form filled out by any of the following means, within 72 hours before the flight:

– **During business hours:**

- a. To the email [solicitudsobrevuelo@aerocivil.gov.co](mailto:solicitudsobrevuelo@aerocivil.gov.co) or
- b. In person at the Correspondence Group (ADI), Aerocivil Building, Avenida El Dorado No 103-15, 1<sup>st</sup> Floor, Bogotá, Colombia. Tel (+57 1) 2963002

– **In non-working hours:**

To the email [Centrocom@aerocivil.gov.co](mailto:Centrocom@aerocivil.gov.co)

If the request for overflight corresponds to *State Aviation*, must have permission to enter the Colombian airspace, issued by the command of the Colombian Air Force – FAC. Refer to the Aeronautical Information Circular AIC A08/08 C08/08 of September 25, 2008.

If the overflight authorization has not been issued and/or the aircraft, the company and/or company representative of the overflight recorded delay in payments, the corresponding aircraft will be not admitted in the Colombian airspace.

To know about your state portfolio, you may contact telephones (+57 1) 2963068 / (+57 1) 2963075, Group Billing, Financial Management UAEAC.

## **AIRCRAFT ENTRY REQUIREMENTS**

### **GENERAL**

All flights to, from or over the territory of Colombia and landings in that territory will be subject to the regulations of Colombia on Civil Aviation.

Aircraft flying into the territory of Colombia or leaving it, will make its first landing or exit end of an international airport.

**COLOMBIA  
NATIONAL REGULATIONS AND REQUIREMENTS**
**AERONAUTICAL AUTHORITY**

Special Administrative Unit of Civil Aeronautics  
El Dorado International Airport  
Address: Bogota, D.C. Colombia, S.A.  
Apartado Aereo P.O. BOX 12307  
Tel: (57-1) 4139894 / 4139276  
Fax: (57-1) 4138586  
Telex: (035) 44620 / (035) 44844  
AFTN: SKBOYAYA

**CUSTOMS**

National Tax and Customs (DIAN)  
Address: Bogota, D.C. Colombia, S.A.  
Carrera 8 No. 6-64 Edificio San Agustín  
Tel: (57-1) 6079999 - 6079478  
Telex: DIGEADUANAS

**SCHEDULED FLIGHTS**
**General**

International scheduled flights operated by foreign airlines into or in transit through Colombia must meet the following requirements:

- a. When there is no treaty or agreement with the state of the airline, the designation, operating permit and other administrative aspects, are first subject to the provisions stated in the treaty or agreement in force and then as per the Colombian laws and regulations.
- b. When there is no treaty or agreement with the state of the airline, the operation permit shall be granted or not, taking into account the national interest, the public safety, economic interests of the airline and subject to the conventions, international treaties or agreements signed by Colombia's government, sticking to the principle of reciprocity is always real and effective.
- c. The operation permit application to establish an international public transport exists or not treaty or agreement with the state of the airline, must be submitted to the Special Administrative Branch of Civil Aeronautics.

Aircraft of the states signatory of the Convention on International Civil Aviation, signed in Chicago in 1944, on schedule international flights without traffic rights in the country can overfly the territory of Colombia and make stops for non-commercial purposes, and therefore must be timely processing the information of the respective Flight Plan. Prior permission from the Colombian Civil Aviation is not required.

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NATIONAL REGULATIONS AND REQUIREMENTS**

The entry, operation and stay of foreign aircraft in schedule or non-schedule commercial air services, as well as State aircraft, shall be subject to prior authorization in accordance with the provisions of bilateral or multilateral agreements on this matter, or on condition of reciprocity. When such flights involving commercial traffic rights, the corresponding authorization shall be granted by the Air Transportation Office.

**Documentary Requirements for Clearance of Aircraft**

In the case of foreign registered aircraft operated by Colombian operators of public commercial air services, they must obtain authorization from the Aeronautical Registry Office to exploit the foreign registered aircraft in Colombia, after the registration of the act or contract under which it acquires the status of operator over it and other applicable requirements are met. Such authorization must be carried along with other documents on board the aircraft.

To obtain entry and exit aircraft authorization to and from Colombia, the airline operators must submit the documents listed below aircraft. All documents listed must comply with the ICAO standard format set forth in relevant appendices of ICAO Annex 9 and are acceptable when furnished in Spanish, and completed in legible handwriting. No visa is required in connection with such documents.

Aircraft documents required (Arrival/Departure)

**Arrival**

Required by	General Declaration	Flights with Passengers - Waste Notification of Arrival	Cargo Flights or Mixed (Cargo and Passengers) Cargo Manifest
		Notice of arrival	Cargo Manifest
Customs	—	Electronic forms 1300 and 1206	Electronic forms 1165
Immigration	—	Passenger Manifest	—

**Departure**

Required by	General Declaration	Flights with Passengers	Cargo Flights or Mixed (Cargo and Passengers) Cargo Manifest
Customs	—	—	Form 602 (SAE) Electronic form 1165 (Cargo Manifest)
Immigration	—	Passenger Manifest	—

The above applies equally to non-scheduled flights listed in item 3 and private flights listed in item 4 of the present chapter.

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NATIONAL REGULATIONS AND REQUIREMENTS**

All Colombian or foreign aircraft originating outside the country shall present the proper documentation to the Customs and Immigration authorities upon the arrival and/or exit.

**NON-SCHEDULED FLIGHTS**

If an aircraft operator intends to operate a flight (or a series of flights) into Colombia for the purpose of embarking or disembarking passengers, merchandise or mail, it is necessary to request authorization from the Directorate of Air Navigation Services of the Special Administrative Unit of Civil Aviation to conduct such operations with at least 24 hours prior to the anticipated date of flight. The request must contain the following information, in the order that is indicated:

- a. Name of operator
- b. The type of aircraft and registration markings.
- c. Dates and times of arrival and departure (international airport).
- d. The locations (s) of embarking/disembarking of passengers and load abroad.
- e. Intention of the flight along with the number of passengers, and/or the nature and amount of the load; and
- f. The name and address of charter, if applicable.

**Non-Scheduled Flights Without Commercial Rights**

Aircraft from the contracting states of the Convention on International Civil Aviation signed in Chicago in 1944, may overfly the territory of Colombia and make non-commercial stops (technical stop) for which they must submit the corresponding flight plan. Any stop must take place at an international airport. No prior permission is required from Colombian Civil Aviation.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS**

Overflight, entry and exit of foreign private aircraft:

Private aircraft registered in any of the contracting states of the Convention of International Civil Aviation signed in Chicago in 1944, may overfly, enter and exit the territory of Colombia, for which they must submit the corresponding flight plan. All entry and exit must take place from an international airport. No prior permission is required from Colombian Civil Aviation.

Prior permission is not required for the following flight categories:

- a. Humanitarian flights of urgent necessity.
- b. Sporadic air taxis from abroad.

Aircraft requiring prior authorization:

Aircraft returning from abroad, not included in the preceding paragraph items a. and b., require prior authorization to overfly the national territory and to make stops.

Applications must be submitted to Aerocivil with adequate advance notice.

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When the foreign operator plans to make a series of charter flights, they must obtain a prior operating authorization. The application must contain:

- a. Company name and legal representative, address and domicile.
- b. Permit issued by the flag state to operate such flights.
- c. Equipment with regards to its identification and property.
- d. Insurance.

**Permanence of Foreign Aircraft in Colombia**

General Aviation (non commercial) foreign registered aircraft operated by Colombian or foreign operators entering Colombian territory in accordance with Articles 5 and 25 of the 1944 Chicago Convention on International Civil Aviation, and paragraph 3.6.3.5.1.1 of Colombia Aeronautical Regulations, shall be admitted temporarily without special authorization up to forty-eight (48) hours, provided that enter and exit through the same airport, without operating other airports in Colombia.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**SHORT TERM PERMANENCE AUTHORIZATION REQUEST FOR  
FOREIGN AIRCRAFT – GENERAL AVIATION – NON-COMMERCIAL  
OPERATION**

The Colombian Civil Aviation Authority – UAEAC – with the objective to preserve the national operational safety issues the procedure for short term permanence authorization request for foreign aircraft, general aviation non-commercial operation.

Acting in accordance with Aeronautical Regulations of Colombia – RAC– numeral 3.6.3.5.11.1 in force, related to the entry and permanency of foreign non-commercial aircraft in Colombia, previous authorization is needed issued by UAEAC. The short term permanence will be authorized up to 15 days, extendible up to 15 more days, fulfilling ALL the demanded requirements.

If the foreign aircraft belongs to Aviation of State, refer to the Aeronautical Informative Circular AIC A05/11 C05/11, March 26, 2011.

This permission is only necessary if

- The permanence in Colombia is longer than 48 hours, or
- Being less than 48 hours it is going to fly towards an airport in Colombia different from entry airport.

If permanence in Colombia is less than 48 hours, complete the Request just for information because the UAEAC not issue any response.

To request the corresponding authorization, follow the next steps:

Enter the portal of the UAEAC, [www.aerocivil.gov.co](http://www.aerocivil.gov.co), choose “Trámites” option, then go “ -> Empresas Aeronáuticas”, then in the column “NOMBRE DEL TRAMITE” search “Solicitud de

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ingreso y permanencia de aeronaves extranjeras no comerciales en Colombia”, follow the instructions in “Enlace” and download the application form at “Formato Solicitud permanencia” (Excel Format).

- a. Fill out the form “Formato Solicitud permanencia”, attaching ALL the required documents, as they are demanded. If these documents are not attached to the “Formato de Solicitud Permanencia Corto Plazo para aeronaves extranjeras-aviación general” form, the application cannot be processed.
- b. Send the completed application form and attached documents, 48-hours in advance, by ONE of the following means:
  1. By email to [solicitudpermanencia@aerocivil.gov.co](mailto:solicitudpermanencia@aerocivil.gov.co)
  2. In person, at Grupo de Correspondencia (ADI), located in Nuevo Edificio Aerocivil (NEAA) 1 piso, Av. El Dorado No 103-15, Bogotá-Colombia. Tel: 2963125.

To request information of your application status call to (+57 1) 296 2208 / (+57) 317 5111 108.

In case of a permanency longer than 15 days is required, the corresponding long-term permanence request must be submitted at Oficina de Registro – UAEAC, with fulfillment of the requirements demanded in the RAC. Please contact (+57 1) 296 3195.

To do any suggestion or complaint regarding air navigation services following the next step:

Enter to the portal of the UAEAC, [www.aerocivil.gov.co](http://www.aerocivil.gov.co), choose “Trámites” option, then go “-> Empresas Aeronáuticas”, download and fill out the application form at “Formato QRS (Quejas, Reclamos y Servicios)” (Excel Format) and send by email to [solicitudes.notam@aerocivil.gov.co](mailto:solicitudes.notam@aerocivil.gov.co).

## **AIRPORTS OF ENTRY**

Barranquilla (Ernesto Cortissoz)

Bogota (Eldorado)

Cali (Alfonso Bonilla Aragón)

Cartagena (Rafael Núñez)

Cucuta (Camilo Daza)<sup>1</sup>

Leticia (Alfredo Vásquez Cobo) <sup>2</sup>

Pereira (Matecana)<sup>1</sup>

Rionegro (Jose Maria Cordova)

Santa Marta (Simón Bolívar) <sup>3</sup>

<sup>1</sup> 0000–0500 and 1000–2359

<sup>2</sup> 0000–0300 and 1100–2359

<sup>3</sup> 0600am–1100pm (1100–0400) UTC

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## **PASSPORT**

Arrival Documents:

- a. valid passport
- b. card of embarking/disembarking
- c. entrance documentation

Departure Documents:

- a. National passengers, immigrants, and non-immigrants require a valid passport, military control, payment of absenteeism, and exit registration.
- b. Temporary visitors require a valid passport and exit documentation.

## **VISA**

Temporary visitors can be admitted up to ninety (90) days without a visa. A stay in excess of this time period requires a visa.

## **HEALTH**

If the authorities of Public Health consider it necessary to disinfect an aircraft, it will be carried out upon arrival.

Vaccination certificate is not required, except in the cases that the World Health Organization recommends it.

## **EMBASSY INFORMATION**

### **ECUADOR'S EMBASSY IN THE UNITED STATES**

Embassy of Ecuador

Address: 2535 15th Street, N.W.  
Washington, D.C.  
20009

Tel: (202) 234-7200

Fax: (202) 667-3482

### **UNITED STATES' EMBASSY IN ECUADOR**

U. S. Embassy

Address: Avenida Patria 120  
Casilla 538  
Quito  
Ecuador

Tel: (593) 2 256-2890

Fax: (593) 2 250 2052



**ECUADOR**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Telex: 2329 USICAQ ED

Public Hours: 8:00 AM to 12:30 PM and 1:30 PM to 5:00 PM

**AIRCRAFT ENTRY REQUIREMENTS****CIVIL AVIATION**

Direccion General de Aviacion Civil

Address: Buenos Aires Oel-53 y 10 de Agosto

Casilla 17-01 2077

Quito

Ecuador

Tel: +593 2 2238928

Fax: +593 2 2563995

E-Mail: dirdac@imp.sat.net.ec

AFS: SEQUYAYX

**CUSTOMS**

Delegacion de la Subsecretaria de Aduana

Address: 10 de Agosto y Jorge Washington

Quito

Ecuador

Tel: +593 2 2521904

Fax: +593 2 2503849

**NECESSARY AIRCRAFT DOCUMENTS FOR SCHEDULED AND NON-SCHEDULED FLIGHTS**

The necessary documents for the arrival and departure of aircraft within international airports are:

- a. A passenger manifest for departure, given jointly with the pertinent part of the customs information sheet
- b. A bill of lading for arrival and departure

**GENERAL**

The Republic of Ecuador has complete and exclusive sovereignty over the airspace that covers its territory and territorial waters. All aircraft that over-fly or land in Ecuadorian territory are subject to the effective laws and regulations of the country and will be applied without distinction of nationality.

Aircraft are classified into public and private. There are public aircraft intended for the service of public power, such as the military, customs, and police. The others are private, although they belong to the State.

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NATIONAL REGULATIONS AND REQUIREMENTS**

Foreign public aircraft flights within the national territory are not allowed unless prior permission has been obtained for over-flight and/or landing.

The transit of foreign private aircraft will take place by means of the fulfillment of the established international norms, effective treaty norms, or agreements signed by Ecuador.

In the event of military or internal commotion, or when public security may be jeopardized the executive function through the FAE may prohibit or limit all or certain types of air traffic within the Ecuadorian territory.

The transport of explosives, arms and ammunitions of war is prohibited, in foreign private and public aircraft.

Foreign public aircraft will not be able to carry or have installed photographic equipment during transit or operation within the Ecuadorian airspace. (Those agreements or contracts subscribed and authorized by the State are an exception).

### **PERMISSION FOR OVER-FLIGHT AND/OR LANDING**

All foreign aircraft, public and private, that wish to fly over or land in the Ecuadorian territory, to make use of any aerodrome or place of water landing, are subject to the conditions that are detailed subsequently:

#### **Foreign Public Aircraft**

A request for authorization must be presented/displayed at least 48 hours in advance of the anticipated Flight. It is recommended, when the applicant applies to the Air Force, that a greater time period is utilized; nevertheless, in cases of emergency, this term can be reduced depending on the circumstances.

All requests for permission of over-flight and landing must contain the following information:

- a. Country of applicant
- b. Reason of flight
- c. Type of aircraft and registration number(s)
- d. Crew list; with name of the pilot in command, and the number of crew
- e. Passenger list. The list will be numerical and additional information of rank (military), First name, last name, and position occupying shall be included
- f. Load Type
- g. Departure point and destination with a planned itinerary indicating landings within the country that have been authorized, along with approximate dates and times
- h. Required Facilities for fuel, accommodations, and others.

#### **Foreign Private Aircraft; Non-commercial and Commercial Non-scheduled**

Aircraft intending to over-fly or land in Ecuadorian territory are required to transmit a request to the Direccion de Aviacion Civil at least 48 hours and no longer than 15 days in advance of the anticipated date of arrival, and shall include payment for response by cable. The granted permis-

## **ECUADOR NATIONAL REGULATIONS AND REQUIREMENTS**

sion will be valid for a time period no greater than 5 days from the anticipated date of arrival; otherwise it will be necessary to re-apply.

Information that should be contained in the request of permission for foreign non-commercial non-scheduled private aircraft:

- a. Markings, type, and registration of the aircraft
- b. Name of the pilot in command and number of passengers
- c. Place and country of origin and destination
- d. Mission or object of the flight
- e. International Airports of entrance, landing, and exit in the country
- f. Estimated Dates of arrival and departure from the country

*NOTE: For a written request the following explanation will be taken into account when only over-flight will be conducted and no landings take place: state that the aircraft will only fly over.*

### **POINTS OF BORDER CROSSING AND CORRIDORS FOR ENTRANCE AND EXIT OF FOREIGN AIRCRAFT PUBLIC AND PRIVATE**

All foreign public and private aircraft that enter or leave Ecuadorian national territory are required to cross the borders and follow the corridors of determined entrance or exit and the established airways set forth. In special circumstances a deviation of the normal route may be approved. If a foreign public or private aircraft needs to fly a route that is not an established airway, permission must be granted from the FAE or DAC.

All aircraft must first land or finally depart from an international airport of entry. The operation into other aerodromes requires previous authorization and approval, which must be requested through the Main directorate of Civil Aviation by letter or telegram with the anticipated date of arrival, jointly with the pre-established requirements.

### **DOCUMENTARY REQUIREMENTS FOR ARRIVAL AND DEPARTURE**

Commercial Flights national and international:

- a. Flight plan
- b. Weight and balance
- c. Load manifest/sheet for the aircraft (if applicable)
- d. General Declaration (only in the Ecuadorian airport of entry if it is an international flight; and at the beginning of the first flight for national flights.)
- e. Form of Aerial Transport DTA-E-002

Non-commercial Flights national and International:

- a. Flight plan
- b. Weight and balance (only for aircraft with a gross weight greater than 12,500 pounds)
- c. Load manifest/sheet for the aircraft (if applicable)

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**ECUADOR  
NATIONAL REGULATIONS AND REQUIREMENTS**

- d. General Declaration (only in the Ecuadorian airport of entry if it is an international flight; and at the beginning of the first flight for national flights.)

Ferry flights national and international:

- a. Flight plan
- b. Weight and balance, including crew list
- c. Written Authorization from the proper authority

**AIRPORTS OF ENTRY**

Guayaquil (Simon Bolivar Intl)

Latacunga (Cotopaxi)

Manta (Eloy Alfaro)

Quito (Mariscal Sucre Intl) Customs Part time

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NATIONAL REGULATIONS AND REQUIREMENTS**

## **PASSPORT AND VISA**

### **ENTRY**

A valid passport, or equivalent document, with an entry visa (or French prefectural return visa) is required for entry, with the following exceptions:

- a. French nationals need hold only one of the following documents:
  - valid passport;
  - passport expired for less than five (5) years;
  - national identity card; or
  - foreigner passbook issued by Swiss authorities.
- b. Nationals of the following countries are exempted from the entry visa requirement for a stay not exceeding three (3) months:

Algeria	Australia	Benin
Canada	Cote d'Ivoire	Cyprus
Denmark	Djibouti	Finland
Gabon	Great Britain	Iceland
Iran	Ireland	Israel
Japan	Malaysia	Malta
Morocco	New Zealand	Niger
Norway	Portugal	Senegal
South Korea	Spain	Sweden
Tunisia	U.S.A.	Upper Volga

- c. Members of the Armed Forces from NATO member countries: Germany, Belgium, Canada, Denmark, Greece, Italy, Iceland, Luxemburg, Norway, The Netherlands, Portugal, United-Kingdom, Turkey and the U.S.A., are exempted from passport and visa, provided they are holders of a military identity card and a mission order.
- d. Crew members who are nationals of ICAO member states may use their crew member license in lieu of a passport and visa provided they remain on the airport or within the proximity of the associated community as provided in ICAO Annex 9.

All persons disembarking in French Guiana must hold either a return trip deposit, a return or on-going ticket, or an administrative exemption.

### **TRANSIT**

Transit passengers must have a valid passport and a transit visa, except a transit visa is not required of passengers who:

## **FRENCH GUIANA NATIONAL REGULATIONS AND REQUIREMENTS**

- would normally be exempted from the entry visa requirement; or
- will not be leaving the airport.

The transit visa is usually delivered immediately by the French Consuls abroad to passengers of all nationalities expecting a connecting flight within 72 hours (excluding the day of arrival), provided the passenger:

- is holder of the entrance visa to the final destination country,
- justifies his request for a transit visa, by presenting a destination ticket and justifies for booking a seat onboard an aircraft leaving the territory within 72 hours (excluding the day of arrival) after the arrival.

A transit visa, called “stop visa”, valid for 3 days (excluding the day of arrival), must be obtained for passengers in transit for at least 6 hours via French airports.

These passengers should be holders of a valid passport, involving no restriction for French Guiana and possess a travel ticket with firm booking for a point beyond the territory and on a service leaving at least 6 hours after their arrival, or justify for such booking. They should also comply with the formalities required for travel continuation.

### **DEPARTURE**

When leaving French Guiana, passengers must present the same documents as required on arrival.

All French nationals and foreigners arriving in French Guiana must be holders of, either a return deposit, or a continuation transport ticket, or an administrative waiver.

### **HEALTH**

Yellow fever vaccination is required for travellers arriving from an area declared as contaminated by yellow fever in the WHO epidemiologic report.

Smallpox and cholera vaccinations are no longer required.

### **PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

No health measures are applicable to aircraft under normal sanitary conditions.

## **AIRCRAFT ENTRY REQUIREMENTS**

### **GENERAL**

Any overflight of French Guiana with or without stop, should be performed in compliance with the Civil Aviation regulations applicable to this territory.

All aircraft arriving from abroad and entering French Guiana territory should perform the first landing on an airport provided with Customs, Police and Sanitary controls. Also, all aircraft departing the territory of French Guiana must conduct a final stop at such type of airport prior to departure abroad.

**FRENCH GUIANA  
NATIONAL REGULATIONS AND REQUIREMENTS****DESIGNATED AUTHORITIES****Civil Aviation Authority – France**

Direction Générale de l'Aviation Civile

Address: 50, rue Henry FARMAN  
75720 PARIS  
France  
CEDEX 15

Tel: 01 58 09 43 21

Fax: 01 58 09 38 64

AFTN: LFPSYAYD

**Regional Authority – French Caribbean Territories**

Direction de la Securite de l'Aviation Civile Antilles - Guyane

Address: BP 644  
97262 FORT DE FRANCE  
Martinique  
CEDEX

Tel: 0596 55 60 00

Fax: 0596 60 02 09 (direction)  
0596 63 47 06 (technique)  
0596 60 54 71 (administration)

**District Authority – French Guiana**

Aérodrome de Cayenne - Felix Eboue

Address: 97351 MATOURY  
French Guiana

Tel: 0594 35 93 00

Fax: 0594 35 61 66

**SCHEDULED FLIGHTS**

Overflight and technical stop of aircraft from airlines belonging to countries which signed the bilateral transit agreement or possessing equivalent rights by a bilateral agreement signed with France, can overfly French Guiana territory under the conditions prescribed in the said agreements.

In all other cases, a clearance request should be put up via the diplomatic channel to the Ministry of Foreign Affairs.

Commercial operation of a scheduled international flight to or from French Guiana should be performed under:

## FRENCH GUIANA NATIONAL REGULATIONS AND REQUIREMENTS

- either the provisions contained in the air agreements signed between France and the foreign countries governing the operator airlines;
- or specific clearances delivered by the French Government.

### Documentary Requirements for Clearance of Aircraft

The following documents are required both on arrival and departure from the French territory:

Required by	Customs	Police	Health	Airport Authority
Traffic Forms	—	—	—	2 Copies
General Declaration <sup>1</sup>	1 Copy	1 Copy	1 Copy	—
Passenger Manifest <sup>2</sup>	—	1 Copy	—	—
Cargo Manifest	1 Copy	—	—	—
List of Stores <sup>3</sup>	1 Copy	—	—	—

<sup>1</sup> When required by the health services.

<sup>2</sup> On request from the service concerned.

<sup>3</sup> Except when aircraft supplies remain onboard under Customs surveillance.

Provided transport airlines transmit to the airport authorities two traffic forms they do not need to transmit the passenger list.

Airlines are also exempted from transmitting a general statement provided the sincerity assessment provided in the said statement is duplicated on a sheet of the cargo manifest transmitted to the Customs Service. This assessment can be duplicated on arrival, using a stamp, and should be signed by the transport agent.

However, the sanitary statement provided in the general statement should be transmitted on arrival to the Sanitary Service when it includes positive information or if it mentions the sanitary surveillance of a passenger.

One copy of the traffic form should be transmitted to the authority of the airport ensuring the air traffic control within 24 hours after landing or take-off of each aircraft.

The traffic form is also required for supplemental services of a schedule line.

## NON-SCHEDULED COMMERCIAL FLIGHTS

### Overflight and Technical Stops

Aircraft from airlines belonging to ICAO member countries or possessing rights equivalent to those mentioned in article 5 of the Chicago Convention, by bilateral agreements signed with France, can overfly French Guiana territory, under the conditions stipulated in the said Convention or Agreements, when these countries grant the same facilities to French aircraft.

In all other cases, a clearance request should be put up via the diplomatic channel.



**FRENCH GUIANA  
NATIONAL REGULATIONS AND REQUIREMENTS****Commercial Flights by Aircraft / Companies under the Jurisdiction of Non-ICAO Member States**

Such flights are subject to a preliminary clearance request put up via the diplomatic channel to the:

Ministry of Foreign Affairs

(Direction des Affaires Économiques et Financières)

Section Transport

Address: 37 Quai d'Orsay

PARIS

France

The clearance request should include all information required by the appropriate authority and be received by the Ministry of Foreign Affairs 20 days before the planned flight.

**Commercial Flights by Aircraft / Companies under the Jurisdiction of ICAO Member States**

The request should be received ten days before the date of the flight (or of the first flight in case of a series).

The following information should be provided:

- name and address of the transport agent;
- type of aircraft used with indication of the nationality of registration and the capacity;
- owner of the aircraft if different from the transport agent;
- full travel route;
- estimated dates and times for stops, specially in the French territory;
- in case of a chartered flight, name and address of the charter agent, number of passengers;
- type and quantity of transported freight;
- name and position of the person signing the request.

The request should be addressed by the transport agent to the:

Civil Aviation Authority (DGAC)

Direction du Transport Aérien (DTA)

Bureau des Services Internationaux (SDTI)

Address: 50, rue Henry FARMAN

75720 PARIS

France

CEDEX 15

Tel: 01 58 09 36 38/39 62

Fax: 01 58 09 38 65

**FRENCH GUIANA  
NATIONAL REGULATIONS AND REQUIREMENTS**

and be received ten days before the date of the flight or one month before the date of the first flight in case of a flight series. The request should be established on form B (Appendix II).

**Documentary Requirements for Clearance of Aircraft**

Same documents as for **SCHEDULED FLIGHTS**. However, the traffic form should be transmitted to the airport authorities immediately after aircraft landing and before take-off.

**PRIVATE FLIGHTS****Aircraft Registered in ICAO Member States**

Information mentioned in the flight plan is usually accepted as an arrival notice by the French authorities in French Guiana. However, a preliminary clearance, the request for which should be put up via the diplomatic channel, is required for aircraft registered in States which would not grant the same facilities to private French aircraft flying to their country.

**Aircraft Registered in Non-ICAO Member States**

Overflying the French Guiana territory, and all stops into this territory should be subject to a preliminary clearance request put up via the diplomatic channel.

**Documentary Requirements for Private Aircraft**

The following aircraft documents should be available onboard each aircraft and presented to all authorized authorities:

- valid airworthiness certificate and associated documents or regulatory pass;
- registration certificate or equivalent document;
- licenses and qualifications of crew;
- specific operating instructions for the equipment, specially those relating to rescue operations;
- aircraft log-book or general statement signed by the air traffic bodies.

**AIRPORTS OF ENTRY**

Cayenne (Felix Eboue)<sup>1</sup>

GUYANA  
NATIONAL REGULATIONS AND REQUIREMENTS**PASSPORT AND VISA**

No documents or visas are required of passengers arriving and departing on the same through flight, however if the passenger is changing aircraft he/she may be required to produce a passport.

Visas are also required from all visitors with the exception of all Commonwealth countries.

Any person entering Guyana to take up employment, except Guyanese nationals, will not be permitted to enter unless prior approval has been obtained from the:

Ministry of Citizenship

Address: 164 Waterloo Street

Georgetown

Guyana

Tel: +592-227-1193

For flight crew members on scheduled services who keep possession of their licenses when embarking and disembarking, remain at the airport where the aircraft has stopped or within the confines of the cities adjacent thereto, and depart on the same aircraft or on their next regularly scheduled flight out of Guyana, the crew member license or certificate is accepted in lieu of passport or visa for temporary admission into Guyana.

**HEALTH**

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever or small pox, vaccination certificates when required shall be for passengers over one year of age.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

International flights into, from or over Guyana's territory shall be subjected to the current Guyana regulations relating to Civil Aviation.

Aircraft flying into or departing from Guyana's Territory, shall make their first landing at, or final departure from Cheddi Jagan International Airport or Eugene F. Correia International Airport.

**DESIGNATED AUTHORITIES**

Civil Aviation

Address: Director General Fairlie House

73 High Street

Kingston

Georgetown

Guyana

Tel: (592) 225-6822

Fax: (592)225-6800

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**GUYANA  
NATIONAL REGULATIONS AND REQUIREMENTS**

E-Mail: director-general@gcaa-gy.org  
 AFS: SYGCYAYX

**Customs**

Customs & Trade Administration Department  
 Guyana Revenue Authority  
 Address: 200-201 Camp Street  
 Georgetown  
 Guyana  
 Tel: (592) 227-6060/227-8222 Etx 1401  
 Fax: (592) 227-0964/226-2128

**Health**

Ministry of Public Health  
 Address: P.O. Box 1041  
 Lot 1 Brickdam  
 Georgetown  
 Guyana  
 Tel: (592) 225-6480/226-5861-5

**SCHEDULED FLIGHTS**
**General**

For regular international scheduled flights operated by foreign airlines into or in transit across Guyana, the following requirements must be met:

- a. the State of the airline must be a party to the International Air Services Transit Agreement and/or International Air Transport Agreement. Guyana is a party to the International Air Services Transit Agreement only.
- b. the airline must be eligible to make flights under the provisions of a bilateral or multilateral agreement to which the State of the airline and Guyana are contracting parties, and must have a permit to operate into or transit across Guyana. Applications for such permit shall be submitted to the Director General, Guyana Civil Aviation Authority.

**Documentary Requirements for Clearance of Aircraft**

It is necessary that the under mentioned aircraft documents be submitted by airline operators for a clearance on entry and departure of their aircraft to and from Guyana. All documents listed below must follow the ICAO Standard format as set forth in the relevant Appendices to Annex 9 and are acceptable when furnished in English and completed in legible handwriting. No Visas are required in connection with such documents.

Aircraft documents required (arrival/departure)

**GUYANA**  
**NATIONAL REGULATIONS AND REQUIREMENTS**

Required by	General Declaration	Passenger Manifest	Cargo Manifest
<b>Arrival</b>			
ATC	1	1	1
Customs	3	3	3
Immigration	3	3	3
Port Health	1	1	1
CJIA	1	1	1
OAI	1	1	1
<b>Departure</b>			
ATC	1	1	1
Customs	2	2	3
Immigration	3	3	3
Port Health	—	—	—
CJIA	1	1	1
OAI	1	1	1

**NOTE:**

- a. One copy of the General Declaration is endorsed and returned by Customs, signifying clearance.
- b. If no passengers are embarking (disembarking) and no articles are laden (unladen) no aircraft documents except copies of the General Declaration need be submitted to the above authorities.

**NON-SCHEDULED FLIGHTS**

**General**

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across, or making non-traffic stops in, the territory of Guyana, it is not necessary for the operator to obtain prior permission. For flights in transit across the territory of Guyana, Operator's Information for Billing purposes should be sent to:

Email: [ato@gcaa-gy.org](mailto:ato@gcaa-gy.org)

AFS: SYCJYAYX

If an operator intends to perform a (series of) nonscheduled flight(s) into Guyana for the purpose of taking on or discharging passengers, cargo or mail, it is necessary for the operator to apply to the Director General, Guyana Civil Aviation Authority, not less than forty-eight hours in advance of

**GUYANA  
NATIONAL REGULATIONS AND REQUIREMENTS**

the intended landing. For a series of non-scheduled flights, applications should be made at least sixty (60) days in advance of the intended operation.

The application shall include the following:

- a. name of operator.
- b. type of aircraft and registration marks.
- c. Date and time of arrival at, and departure from Cheddi Jagan International Airport or Eugene F. Correia International Airport.
- d. Place or places of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight:
- e. Purpose of flight and number of passengers and/or nature and amount of freight.
- f. Name, address and business of character, if any.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS****Advance Notification of Arrival**

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft. Such information must be transmitted so that it is received by the public authorities concerned at least two hours in advance of arrival. The landing must be carried out at a previously designated international airport.

For reasons of flight safety, special permission in addition to the filing of a flight plan is required for private flights if the operator intends to carry out a (series of) private (noncommercial) flight(s) other than those making technical stops or MEDEVAC flights.

Application for special permission must be submitted to the Director General of the Guyana Civil Aviation Authority at least two (2) business days in advance of entry into the airspace over Guyana.

**Documentary Requirements for Clearance of Aircraft**

In addition to those mentioned under SCHEDULED FLIGHTS above, the ATS Reporting Office requires the Pilot in Command to present his/her Pilot's License and a filled out GCAA Form 4106A. An Agent Identification Card is also required if the aircraft is being handled by a local handling company or person.

**FEES**

The following types of fees and charges may be expected:

- a. Landing
- b. Parking
- c. Hangarage charges

**GUYANA****NATIONAL REGULATIONS AND REQUIREMENTS**

- d. Long term storage
- e. Passenger service
- f. Security

**AIRPORT OF ENTRY**

Georgetown (Cheddi Jagan Intl)

Georgetown (Eugene F. Correia Intl) – 0900–0200 UTC

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**PARAGUAY**  
**NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT**

Required.

**VISA**

Required.

**HEALTH****PUBLIC HEALTH REQUIREMENTS**

To enter the country, persons should present to the competent public health authorities officials, the health certificates that the international Agreements and other laws require.

Foreigners, for their permanent admission into the country, must have the health documents from the country of origin, those stipulated in the Health Code of the Republic of Paraguay and other laws. For this purpose the executive of the national immigration policy shall provide prior intervention to the competent health authority.

For the entry or exit from the country of any used personal item that is not part of the passenger baggage, must be accompanied by the certificate of disinfection issued by the competent health authorities of the country of origin.

**PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

Aircraft of any international air transport company (scheduled, non-scheduled, general aviation, etc.) must meet the health conditions required by the competent authority of the Republic of Paraguay.

Aircraft coming from any foreign country are subject to the provisions of the competent health authority, which may order the disembarking and isolation of any person or animal suspected of having a disease under international regulations, treatment of objects or materials presumably contaminated to the quarantine of those.

The frequency, procedure and general rules of disinfection, disinsection and rat control of any mean of public international air transport, shall be in accordance with the provisions of the Health Code of the Republic of Paraguay and its regulations, and the terms determined by international agreements signed by Paraguay, being in charge of the competent health authority to control its compliance. The disinfection procedure must be properly recorded in the health section of the General Declaration.

Authorization for embarking and disembarking may be granted to international aircraft who comply with the provisions established in the National Health Code and the international Agreements signed by the Government of the Republic of Paraguay.

The executive can implement necessary preventive measures and of restriction of transit, adopting health measures tend to prevent and control the dissemination of diseases and contamination of adjacent areas, in accordance to the rules of international law.



**PARAGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS****AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

International flights to, from or overflying the territory of the Republic of Paraguay shall be subject to the existing national regulations relating to civil aviation. These regulations essentially correspond to the standard and recommended practices contained in Annex 9 (Facilitation), to the Convention on International Civil Aviation.

Aircraft flying to or departing from the territory of the Republic of Paraguay shall make their first landing or final departure from an international airport designated by the National Directorate of Civil Aeronautics (DINAC).

When an aircraft has landed in a place other than a designated airport, the pilot-in-command or the person in charge at the controls is required to report immediately to the nearest authority the cause justifying the deviation from the approved route.

All foreign registered aircraft intending to transit over the national territory must apply for corresponding permission from the National Directorate of Civil Aeronautics (DINAC) with at least 24 hours advance notice and must wait for a response to the application.

The application shall contain the following information:

- a. Registration and type of aircraft;
- b. Pilot name, last name, license number;
- c. Previous airport stop prior entry;
- d. Date and time of arrival to the international airport of entry;
- e. Number of crew and passengers;
- f. Purpose of flight;
- g. Telex number and acronym, fax or AFS acronym where to receive the response.

Aircraft overflying the territory of the Republic of Paraguay, without exception, are obliged to land immediately after receiving the order from ground or air, after receiving the regulatory signals. Failure to comply shall entitle the use of Force, in the cases and circumstances established by the Civil Aviation Authority, excluding any State liability for any damages and losses that occur.

**SCHEDULED FLIGHTS****General**

For international scheduled flights operated by foreign airlines into the Republic of Paraguay or transiting through its territory, the following requirements should be met:

- a. The State of the airline must be a party to the Agreement on the transit of international air services and/or the Agreement on international air transport. The Republic of Paraguay is a party to both agreements.
- b. The airline must meet the required conditions to conduct the flights in accordance with the provisions of a bilateral or multilateral agreement which the State of the airline and the

**PARAGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS**

Republic of Paraguay are contracting parties and must have an operating permit to fly to the Republic of Paraguay or transit through its territory. Applications to obtain such permit must be submitted to the National Directorate of Civil Aeronautics (DINAC).

**Documentary Requirements For Aircraft Authorization**

To obtain authorization for entry and exit of their aircraft to and from the Republic of Paraguay, airline operators must submit to the competent authorities the aircraft documents listed below:

- a. For the purpose of simplifying and facilitating the formalities, the Air Traffic Services Notification Office (ARO), under the Air Traffic Management of the Direccion de Aeronautica, shall be the DINAC unit responsible for receiving one copy (1) of the General Declaration (Entry/Exit), one copy (1) of the Passenger Manifest, and one (1) copy of the Cargo Manifest duly completed by the airline operators of scheduled, non-scheduled flights, air taxi and private air services, that operate international flights, the Forms established in the Appendices 1, 2 and 3 of Annex 9 (Facilitation) Last Edition. The delivery of the documents referred to by the airline operators of scheduled, non-scheduled and air taxi will be up to forty five (45) minutes after take-off of each aircraft and immediately on arrival of the aircraft at the international airport in question. Those conducting private air services on international flights shall proceed to deliver of the documents cited, with one (1) hour prior the estimated take-off and immediately on arrival of the aircraft at the international airport.

All airlines operating in the different country's international airports must submit a mandatory form in the ARO office for each operation. In addition to all usually required documentation, the following must be submitted:

- 1 copy of the Weight Sheet.
  - 1 copy of the Operational Flight Plan Flight Release.
- b. Scheduled airlines that operate internationally and have successive scheduled flights may deliver the Passenger Manifest and the Cargo Manifest within the two (2) hours after the departure of the last flight.
  - c. The Air Traffic Services Notification Office (ARO) under the Air Traffic Management unit of the Direccion de Aeronautica, shall provide copies of the documents referred in paragraph a), (General Declaration Arrival/Departure, Passenger Manifest and Cargo Manifest) to DINAC units, which by the nature of their functions so require and have authorization to access the information contained in those documents.

**PARAGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS**
**Aircraft Documents Required (Arrival/Departure)**

Required by	General Declaration	Passenger Manifest	Cargo Manifest
Direccion de Aeronautica ATS Notification Office	2	2	2
Immigration	2	2	—
Customs	2	2	2

*NOTE: If no passengers embark or disembark and no merchandise is loaded or unloaded, it is not necessary to present to the authorities any aircraft document, except the General Declaration, in which issue will be stated.*

**NON-SCHEDULED FLIGHTS**
**Procedures**

If a foreign operator intends to conduct a flight or a series of non-scheduled flights transiting over Paraguayan territory, the operator, in addition to meeting the requirements of the air traffic control and the competent authorities, shall comply with the following requirements:

- Prior notice 24 hours in advance to the National Directorate of Civil Aeronautics (DINAC), through the Aeronautical Mobile Service (SMA) (Phone: +595217585108, +595217585102 / Phone Fax: +59521752718 / Email: sma@dinac.gov.py).
- Name of the operator,
- Postal address of the operator (fax, telephone, AFTN, Email),
- Representative address in the country, if any.

If a foreign operator intends to conduct a flight or a series of non-scheduled flights making only one stop at an international airport within Paraguayan territory, it is necessary to request authorization to conduct such operations from the National Directorate of Civil Aeronautics (DINAC) through the Aeronautical Mobile Service (SMA) (Phone: +595217585108, +595217585102 / Phone Fax: +59521752718 / Email: sma@dinac.gov.py) at least 48 hours in advance of the estimated landing. The request for authorization must contain the following information:

- Name of the operator
- Type and registration of the aircraft
- Date and time of arrival and departure
- Place or places of embarking or disembarking passengers and/or cargo abroad, depending on the case
- Purpose of the trip and number of passengers and/or nature and quantity of the cargo
- Name and address of the charterer, if applicable.

**PARAGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS**

If a foreign operator intends to conduct a flight or a series of non-scheduled flights to the Republic of Paraguay with the purpose of disembarking passengers, cargo or mail, it is necessary to apply for authorization to conduct such operations to the National Directorate of Civil Aeronautics (DINAC) 48 business hours in advance of the estimated landing. The application should contain the same data as stipulated above.

Paraguayan companies, to operate non-scheduled international commercial services, should require for all flights the corresponding authorization from the National Directorate of Civil Aeronautics (DINAC). The same requirements as indicated above must be met.

**Documentary Requirements For Aircraft Authorization**

The documentation requirements to be presented are the same as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS**

It is accepted as sufficient advance notice of arrival of General Aviation aircraft the information contained in the flight plan, with the exception noted below. The information must be transmitted in such way that the corresponding authorities receive it with at least two (2) hours prior the estimated time of arrival, the landing should be at a previously designated international airport.

General Aviation aircraft with foreign registration, entering Paraguayan territory, will have to indicate in the Flight Plan (Item 18 – RMK), the following information:

- a. Name of the operator or owner;
- b. Purpose of flight;
- c. Postal address (fax, telephone, AFTN, E-mail).

The documents required for General Aviation Flights (private flights) are:

Required by	General Declaration	Passenger Manifest
Direccion de Aeronautica ATS Notification Office	2	2
Immigration	2	2

**OVERFLIGHT OF PRIVATE AIRCRAFT**

The general aviation private aircraft with foreign registration wishing to overfly Paraguayan territory without making a landing. The relevant Air Traffic Control unit must receive the Flight Plan at least two (2) hours in advance of the estimated time of entry in Paraguayan territory and confirm in the Flight Plan (Item 18 RMK) the following information:

- a. Name of the operator or owner
- b. Purpose of flight
- c. Postal address (fax, telephone, AFTN)

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**PARAGUAY**  
**NATIONAL REGULATIONS AND REQUIREMENTS****DOCUMENTARY REQUIREMENTS FOR FOREIGN AIRCRAFT REMAINING IN THE COUNTRY**

Foreign aircraft intending to remain in the Paraguayan territory, the owner and/or legal representative shall apply to the National Directorate of Civil Aeronautics (DINAC), a permit to remain in the country up to ninety (90) days renewable for periods of 90 days. The application for extension has to be submitted fifteen (15) days in advance of the expiration of aforementioned permit.

The application to remain in the country of foreign aircraft, should be submitted by the owner and/or representative, enclosing photocopies of:

- a. Certificate of registration and airworthiness,
- b. Crew licenses
- c. Logbook
- d. License of the aircraft radio station.

Foreign aircraft with permit to remain in the Republic of Paraguay may not conduct any remunerated activity in the country.

The Direccion Nacional de Aeronautica Civil (DINAC) should cancel the authorization granted if the foreign registered aircraft does not comply with the laws in force in the Republic of Paraguay. The aircraft must leave the national territory within forty eight (48) hours of cancellation if there is no impediment to it.

**AIRPORTS OF ENTRY**

Asuncion (Silvio Pettirossi Intl)

**PERU  
NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT AND VISA**

Passengers entering the territory of the Republic of Peru as tourists are required to have in their possession a valid passport with a consular visa. Citizens of countries with which the Republic of Peru has established special agreements are only required to have a current passport.

All persons entering the country are required to complete a Declaration of Luggage and present/display the declaration to the proper authorities upon arrival.

Passengers that arrive and depart on the same flight or transfer to another flight in the same airport are not required to provide any documents or visas.

The crewmembers license, while kept in their possession, is acceptable in lieu of a passport or visa for temporary admission provided that the crewmember remains in the airport in which the aircraft has landed or within the limits of the cities adjacent thereto and leaves on the same aircraft or their next regularly scheduled flight. Crewmembers will only be able to enter the country with their articles of clothing and objects for personal use.

**HEALTH****PUBLIC HEALTH REQUIREMENTS**

No health or vaccination certificates are required except for passengers arriving from a region infected with cholera, yellow fever or smallpox.

**PUBLIC HEALTH REQUIREMENTS APPLIED TO THE AIRCRAFT**

No measures of public health are required with respect to aircraft that enter Peru.

**DESIGNATED AUTHORITIES****CIVIL AVIATION**

Ministerio de Transportes y Comunicaciones  
Dirección General de Aeronáutica Civil (DGAC)  
Address: Jr. Zorritos N° 1203  
LIMA 01  
PERÚ  
Tel: (511) 615 7966  
(511) 615 7800 anexo 1173  
E-Mail: dgac@mint.gob.pe  
AFTN: SPLIYAYX

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**PERU  
NATIONAL REGULATIONS AND REQUIREMENTS**

Dirección de Seguridad Aeronáutica

Address: Jr. Zorritos N° 1203

LIMA 01

PERÚ

Tel: (511) 615 7450 anexo 1392

(511) 615 7800 anexo 1372

Coordinación Técnica de Navegación Aérea

Tel: (511) 615 7881

(511) 615 7869

AFTN: SPLIYAN

Dirección de Autorizaciones y Certificaciones

Address: Jr. Zorritos N° 1203

LIMA 01

PERÚ

Tel: (511) 615 7850

(511) 615 7800 anexo 1192, 1390, 1391, 1392

## **CUSTOMS**

Superintendencia Nacional Adjunta de Aduanas

Address: Av. Gamarra 680

Chucuito – Callao

CALLAO 01

PERÚ

Tel: (511) 634 3600 anexo 20064, 20066

## **AIRCRAFT ENTRY REQUIREMENTS**

### **GENERAL**

All civil flights into, from, or over the territory of the Republic of Peru, and landings in such territory requires previous authorization from the Direccion General de Aeronautica Civil (DGAC).

Foreign aircraft operations within the territory of the Republic of Peru are only authorized to be carried out on established routes and airways.

International flights into, from or over the territory of the Republic of Peru will be carried out under the Civil Aeronautics Law of Peru. The Law and its regulations correspond to the recommended practices and procedures contained in ICAO Annex 9 – Facilitation.

**PERU  
NATIONAL REGULATIONS AND REQUIREMENTS**

Aircraft that fly into and from the territory of Peru will make their first landing and their final departure from an international airport of entry. Arrivals and/or departures from other airports are only authorized with the expressed authorization of the DGAC.

**AIRCRAFT TRANSPORTATION SERVICE SCHEDULED AND NONSCHEDULED**

**Procedures**

Legal residents of Peru must obtain a permission of operation for commercial or general aviation flights conducted within the territory of Peru. An operator that possesses a commercial permit may also exercise general aviation privileges with proper authorization. If the operator possesses a general aviation permit they are not allowed to exercise commercial privileges.

Foreign registered aircraft operated by citizens or legal foreigners who do not possess permission to carry out operations, are required to submit a request prior to their entry into Peru and they will present/display a schedule of domestic flights to be made during the stay in the country that shall not exceed a term of 90 days solely in the following cases:

- a. With exploration purposes and/or scientific studies, whenever an aircraft is not similarly equipped and/or modified within the country for the same intended purpose;
- b. Civic support;
- c. Private tourism, instruction, and sport;
- d. For demonstration purposes.

The term of ninety (90) days can be extended, for a similar period once only, upon presentation of relevant supporting documentation.

International flights conducted by airlines operating into or over the territory of Peru that do not possess permission of operations are required to submit a request to the DGAC, no less than 48 hours in advance of the anticipated flight.

To obtain permission of flight into the country the following information shall be presented to the DGAC:

- a. The name of the operator, postal and/or electronic address, telephone, fax and AFTN address.
- b. The type(s) of aircraft(s), symbols of nationality, and registration markings.
- c. Nationality, names and licenses of the crew members.
- d. Number of passengers.
- e. The reason for the flight and/or the nature of the load (or the service) and operations the aircraft will carry out in the national territory.
- f. Estimated date of arrival and departure of the aircraft.
- g. The airports of destination and departure.
- h. Airport of staging in Peru and center of flight operations.



**PERU  
NATIONAL REGULATIONS AND REQUIREMENTS**

- i. Declarations: the aircraft is not allowed to transport armament, ammunition, or aerial photographic equipment.
- j. Airworthiness Certificate, registration, and insurance certificates.
- k. Documentation that accredits the representation of the operator, in the case an agent will manage operation(s).

The request is subject to the approval of the Direccion General de Aeronautica Civil and an affirmative answer must be received prior to arriving within Peruvian territory.

Ministerio de Transportes y Comunicaciones

Direccion General de Aeronautica Civil

Address: Av. Zorritos 1203

Lima 1

LIMA

PERU

Tel: (511) 615 7800 Annex: 1191

(511) 615 7800 Annex: 1683

Fax: (511) 615 7757

AFTN: SPLIYAYV, SPLIYAYD

**Documentary Requirements for Clearance of Aircraft**

The following documents must follow the ICAO standardized format as it appears in the appendices of Annex 9 and they are acceptable when they appear in English or Spanish and have been written by hand in legible writing.

<b>Required For</b>	<b>General Declaration</b>	<b>Passenger Manifest</b>	<b>Cargo Manifest</b>	<b>Weight and Balance Manifest</b>
DGAC	1	1	1	1
AD Admin	1	1	1	1
Health	-	1	-	-
National Customs Superintendent and Tax Administration (SUNAT)	1	1	1	-
Police	1	1	-	-
Immigration	1	1	-	-

## PERU

### NATIONAL REGULATIONS AND REQUIREMENTS

Airport Administration:

CORPAC SA

Parnate Lima Airport (LAP S.r.l.)

Peru Airports (ADP Inc.)

Airports Andes of Peru (AAP SA)

In addition the following certificates will have to be in possession upon arrival:

- a. Airworthiness Certificate;
- b. Registration Certificate;
- c. Certificate of Insurance, which must cover the following:
  - Registration of the aircraft,
  - Operator insurance,
  - Civil Responsibility to third parties,
  - Geographic limits,
  - Validity period,
  - Coverage of passengers and crew (if applicable);
- d. Crew licenses; and
- e. Medical certificate.

## AIRPORTS OF ENTRY

Chiclayo/Capitán FAP José/Abelardo Quinones Gonzalez Intl

Cuzco (Tnte FAP Alejandro Velazco Astete)

Iquitos (Coronel Francisco Secada Vignetta) Customs O/R

Juliaca (Inca Manco Capac Intl)

Lima-Callao (Jorge Chavez Intl)

Pucallpa Cap FAP David Abenzur Rengifo

Tacna (Colonel Carlos Ciriani Santa Rosa) Customs O/R

Talara (Capitan Montes Intl)

## SURINAME NATIONAL REGULATIONS AND REQUIREMENTS

### PASSPORT AND VISA

Valid passports and visas are required of temporary visitors to Suriname.

No documents or visas are required of passengers arriving and departing on the same thru flight or transferring to another flight at the same airport.

The E/D card is required from all passengers entering Suriname.

A flight crew member seeking temporary admission into Suriname may use his crew member license or certificate in lieu of a passport or visa providing the following conditions are met:

- a. The crew member retains his license in his possession when arriving and departing;
- b. The crew member remains at the airport of landing or within the confines of the cities adjacent thereto;
- c. The crew member departs on the same aircraft or the next regularly scheduled flight out of Suriname.

There are no departure formalities for embarking passengers.

### HEALTH

Disembarking passengers coming from yellow fever infected areas may be required to present valid vaccination certificates to the port health officer.

### AIRCRAFT ENTRY REQUIREMENTS

#### GENERAL

**All flights** into, from or over the territory of Suriname and landings in such territory shall be carried out in accordance with the valid regulations of Suriname regarding Civil Aviation.

Aircraft landing in or departing from the territory of Suriname must first land at or finally depart from an International Airport. (See AIRPORTS OF ENTRY.)

#### SCHEDULED FLIGHTS

##### General

For regular international flights operated by foreign airlines into or in transit across Suriname, the following requirements must be met:

- a. The State of the airline must be a party to the International Air Services Transit Agreements;
- b. The airline must be eligible to make the flights under the provisions of a bilateral or multilateral agreement to which the State of the airline and Suriname are contracting parties and must have a permit to operate into or in transit across Suriname. Applications for such permits shall be submitted to

Director of Civil Aviation

Address: P.O. Box 2956  
Paramaribo

## SURINAME NATIONAL REGULATIONS AND REQUIREMENTS

at least 24 hours prior to departure.

### Documentary Requirements for Clearance of Aircraft

It is necessary that the undermentioned aircraft documents be submitted by airline operators for clearance on entry and departure of their aircraft to and from Suriname. All documents listed below must follow the ICAO standard format as set forth in the relevant Appendices to Annex 9 and are acceptable when furnished in English. No visas are required in connection with such documents.

#### Aircraft Documents Required (Arrival/Departure)

Required by	General Declaration		Passenger Manifest	Cargo Manifest	
	In	Out		In	Out
Customs	3		3	3	
Immigration	2		2	–	
Health	1		–	–	
Airport Manager	1		1	1	
Plant Protection	1		–	1	

#### NOTE:

1. One copy of this General Declaration is endorsed and returned by customs, signifying clearance.
2. If no passengers are embarking (disembarking) and no articles are loaded (unloaded) no aircraft document except 2 copies of the General Declaration need be submitted to the above authorities.

### Public Health Measures Applied to Aircraft

No public health measures are required to be carried out in respect of aircraft entering Suriname with the following exception:

Aircraft arriving from infected or tropical areas may land at J.A. Pengel International Airport provided that the aircraft has been disinfected while in flight approximately thirty minutes before arrival at the aerodrome. This action must be properly recorded in the health section of the General Declaration. The insecticide to be used is ac insecticides.

If in special circumstances, a second spraying of the aircraft to be carried out on the ground, is deemed necessary by the public health authorities, passengers and crew are permitted to disembark beforehand.

### NON-SCHEDULED FLIGHTS

If an operator intends to carry out a (series of) non-scheduled flight(s) in transit across, or making non/traffic stops in, the territory of Republic Suriname, it is not necessary for the operator to obtain prior permission.

**SURINAME  
NATIONAL REGULATIONS AND REQUIREMENTS**

If an operator intends to perform a (series of) non-scheduled flight(s) into the Republic of Suriname for the purpose of taking on or discharging passengers, cargo or mail, it is necessary for the operator to apply to

Director of Civil Aviation

Address: P.O. Box 2956  
Paramaribo

for permission to carry out such operations not less than twenty-four hours in advance of the intended landing. The application must include the following information in the order shown hereunder;

- a. name of operator;
- b. type of aircraft and registration marks;
- c. date and time of arrival at, and departure from (name of aerodrome);
- d. place or places of embarkation or disembarkation abroad, as the case may be, of passengers and/or freight;
- e. purpose of flight and number of passengers and/or nature and amount of freight; and
- f. name, address and business of charterer, if any.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**PRIVATE FLIGHTS****Advance Notification of Arrival**

The information contained in the flight plan is accepted as adequate advance notification of the arrival of incoming aircraft with the following exceptions:

- a. Such information must be transmitted so that it will be received by the public authorities concerned at least two hours in advance of arrival.
- b. Landing must be carried out at a previously designated international airport.

**Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

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**SURINAME  
NATIONAL REGULATIONS AND REQUIREMENTS****CUSTOMS**

Baggage or articles belonging to disembarking passengers and crew are examined upon arrival by the customs authorities.

Such baggage will be cleared on the basis of oral declaration even for returning residents.

Customs formalities are normally not required on departure.

**AIRPORTS OF ENTRY**

Paramaribo (Zorg en Hoop Intl) (Sunrise to Sunset)

Zandery (Johan A. Pengel Intl)

**URUGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS**
**PASSPORT AND VISA**

Temporary visitors must be in possession of a valid passport with the following exceptions:

- a. Citizens of Argentina, Brazil, Chile and Paraguay may enter the country without a passport provided they possess a valid form of identification.
- b. Citizens from the following countries are not required to obtain a visa, but must possess a valid passport as specified:

Albania <sup>2</sup>	Germany <sup>1 or 2</sup>	Morocco <sup>2</sup>
Bulgaria <sup>2</sup>	Guyana <sup>2</sup>	Romania <sup>2</sup>
Canada <sup>1</sup>	Holland	Russia <sup>2</sup>
China <sup>2</sup>	India <sup>2</sup>	Seychelles <sup>1</sup>
Colombia <sup>1 or 2</sup>	Ireland <sup>1</sup>	South Africa <sup>1</sup>
Dominican Republic <sup>1</sup>	Liechtenstein <sup>1</sup>	South Korea <sup>2</sup>
Egypt <sup>2</sup>	Malta <sup>1</sup>	United States <sup>1</sup>

<sup>1</sup>only Standard passport

<sup>2</sup>only Diplomatic, Official and Of Services passports

*NOTE: Citizens of countries not listed should contact Uruguayan Consular Officials for Passport and Visa Requirements.*

- c. No documents or visas are required from passengers arriving and departing on the same through flight, or transferring to another flight at the same airport provided they remain within the airport for no longer than eight hours.

ICAO E/D cards are required of all arriving and departing passengers.

Aircraft crew members may use their crew member license in lieu of a passport and visa provided:

- a. They remain at the airport or within the confines of the city adjacent to the airport; and
- b. They depart on the same aircraft or on their next regularly scheduled flight out of the Republic.

**HEALTH**

Disembarking passengers are not required to present vaccination certificates except when coming directly from an area infected with cholera, yellow fever, or smallpox.

URUGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

International flights into, from or over the Republic of Uruguay and its jurisdictional waters shall be conducted in accordance with the valid regulations of Uruguay relating to civil aviation.

Aircraft arriving or departing the Republic of Uruguay must first land at and/or finally depart from an international airport.

**LANDING OUTSIDE INTERNATIONAL AIRPORTS (WITH CUSTOMS) AS  
DESTINATION OR AT AN ALTERNATE AIRPORT**

If due to an emergency, an aircraft that exits or enters the country, whether national or foreign, should land anywhere or at an airport without customs, the pilot in command must comply with the following requirements:

- a. should report immediately to the closest Police Authority of its landing;
- b. should not walk away from the aircraft until authorization from the authority has been received, and should not allow any person onboard to walk away either, except in cases of obvious necessity, until the authority has endorsed the personal documentation and the documentation of the aircraft.
- c. may continue the flight when the authority authorizes it.
- d. should not allow goods, baggage or mail to leave the aircraft, except in cases of obvious necessity.

**DESIGNATED AUTHORITIES**

Dirección General de Aviación Civil e Infraestructura Aeronáutica (DINACIA)

Av. de las Industrias Wilson Ferreira Aldunate (ex Camino Carrasco) 5519

Address: 14002 Canelones

Uruguay

Tel: 2604 0408 int 4002

Fax: 2604 0408 int 4053

E-Mail: [diancia@adinet.com.uy](mailto:diancia@adinet.com.uy)

Dirección Nacional de Aduanas

Address: 25 de Agosto 1825 s/n y Yacaré

11000 Montevideo

Uruguay

Tel: 2915 0007 (en AIC 2604 0263, 2604 0221 int 1267)



URUGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS

## SCHEDULED FLIGHTS

## Documentary Requirements for Clearance of Aircraft

The aircraft documents mentioned below shall be submitted by airline operators for clearance on entry and departure of their aircraft to and from the Republic. All documents must follow the ICAO standard format as set forth in the relevant *Appendices to Annex 9* (not published herein).

Required by	General Declaration	Passenger Manifest	Cargo Manifest
DGAC	1	—	1
DGIA	1	—	1
Immigration	1	1	—
Customs	2	—	3
Health	1	—	1

## Public Health Measures Applied to Aircraft

Health checks on aircraft in order to verify the absence of clinical signs or symptoms or sources of pollution that pose a risk to public health.

Sanidad Aérea shall check aircraft to maintain disinsectization measures, requesting the declaration of the method used, and the validity.

Additional measures may be applied when the aircraft comes from affected areas according to WHO.

## NON-SCHEDULED FLIGHTS

## General

If an operator intends to perform a (series of) nonscheduled flight(s) into the Republic for the purpose of embarking or disembarking passengers, cargo and/or mail, it is necessary for the operator to apply to the Dirección General de Aviación Civil for permission to conduct such operations.

Non-scheduled service is considered “accidental” when the flights involved are conducted with imminent, transitory and sporadic character. In this capacity, interested companies may obtain prior authorization from the Dirección General de Aviación Civil of Uruguay (who will consider the national interest that those may offer). Such flights, without limitation, do not require that the company be authorized to operate in the Republic.

The requests to conduct “accidental” non-scheduled flights should be submitted to the Dirección General de Aviación Civil of Uruguay by mail or telegraph (if the latter, with pre-paid response) and at least in advance of 24 hours prior to entering the Uruguayan airspace. In cases of urgency duly substantiated, the advance time frame may be shorter. The following documents should be included:

- type, registration and nationality of the aircraft;
- names of the owner and crew;

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**URUGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS**

- c. postal and telegraphic address, telex and telephone of the owner or operator,
- d. crew licenses,
- e. purpose of the flight,
- f. number of passengers,
- g. departure point and destination,
- h. date and estimated time of entry in the Uruguayan airspace and landing,
- i. route,
- j. stop-over airport,
- k. frequencies and communications characteristics of onboard equipment,
- l. in case of carrying cargo, specification of its nature and characteristic.

*NOTE: In cases where it has not been used, the authorization granted shall expire after 15 days of issuance.*

If an operator wishes to conduct an overflight of the Uruguayan territory or has the need to make a technical stop at an airport with customs, the operator should obtain an authorization arranged before the Dirección General de Aviación Civil. This request for authorization may be processed by post or telegraph (if the latter, with pre-paid response) and should provide the data outlined in the above paragraph. The application must be submitted with sufficient advance notice prior to the flight and must be forwarded to the following address:

Dirección General de Aviación Civil del Uruguay  
 Av. de las Industrias Wilson Ferreira Aldunate (ex Camino Carrasco) 5519  
 Address: 14002 Canelones  
 Uruguay  
 Telex: AEROCIVIL – MONTEVIDEO

In case an emergency landing without authorization is necessary, the pilot in command shall notify the head of the airport of the arrival and justify its reason in writing to the Dirección General de Aviación Civil.

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

### **Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

### **PRIVATE FLIGHTS**

Private aircraft registered in non ICAO-member states must submit previous notification of arrival or overflight to the Dirección General de Aviación Civil. The notification should be sent so that it

## URUGUAY NATIONAL REGULATIONS AND REQUIREMENTS

will be received by the DGAC before initiation of the flight and must contain the following information:

- a. Registration and nationality of aircraft;
- b. Name, postal address and Telex, and telephone of the owner or company;
- c. Names of crew and passengers;
- d. Purpose of flight;
- e. Departure airport, route of flight, FIR point of entrance, airport of entry if arriving or destination airport if overflying;
- f. Date and approximate time of FIR penetration and arrival.

Private aircraft registered in ICAO-member states must submit previous notification of arrival or overflight to the Dirección General de Aviación Civil. This notification should be submitted prior to the initiation of flight in the form described above. The flight plan is also accepted as previous notification of arrival provided it includes the name, postal address/telex, and telephone of the owner or company.

Any foreign private aircraft, which state of registration is not a member of the International Civil Aviation Organization (ICAO) and is not engaged in conducting commercial air transport services or aerial work in general, should send a notice prior to the entry with sufficient advance notice to ensure that the Dirección General de Aviación Civil receives it. The notice shall contain the following requirements:

- a. registration and nationality of the aircraft,
- b. postal and telegraphic address, telex and telephone of the owner or operator,
- c. name of the crew and passengers,
- d. purpose of the flight,
- e. departure airport, route and entry point to the proposed FIR, airport of entry if it is arrival or destination of it is overflight.
- f. date and estimated time of entry into the FIR and arrival.

According to the provisions of ICAO Document 7030, all aircraft wishing to enter Uruguayan territory should submit a Flight Plan to the corresponding Air Traffic Control, which shall forward such Flight Plan to the Area Control Center of Montevideo.

Foreign tourism or sport aircraft are considered in transit if they do not stay more than 4 (four) months in the country in total and in the calendar year.

### **Documentary Requirements for Clearance of Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

*NOTE: All aircraft documents and crew licenses must be carried onboard the aircraft, and must be produced when required by the proper authorities.*

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**URUGUAY  
NATIONAL REGULATIONS AND REQUIREMENTS****Public Health Measures Applied to Aircraft**

Same requirements as for SCHEDULED FLIGHTS.

**AIRPORTS OF ENTRY**

Colonia (Laguna de los Patos Intl)<sup>2</sup>

Durazno (Santa Bernardina Intl)<sup>2</sup>

Maldonado (C/C Carlos A Curbelo “Laguna del Sauce” Intl)

Melo (Cerro Largo Intl)<sup>2</sup>

Montevideo (Ángel S. Adami)<sup>1</sup>

Montevideo (Carrasco Intl – Gen Cesáreo L. Berisso)

Paysandu (Tydeo Larre Borges Intl)<sup>2</sup>

Rivera (Presidente General Oscar D. Gestido Intl)<sup>2</sup>

Salto (Nueva Hespérides Intl)<sup>2</sup>

<sup>1</sup>Customs part time.

<sup>2</sup>On Request.

**VENEZUELA**  
**NATIONAL REGULATIONS AND REQUIREMENTS****PASSPORT & VISA**

Passports or other approved travel documents are required for visitors entering and departing from the territory of Venezuela and, where appropriate, the relevant Visa issued by the embassy or consulate in the country.

The Bolivarian Republic of Venezuela through the competent authority in the field of immigration, based on applicable law, reserves the right to accept for purposes of travel other identity documents, such as: seaman identity cards and alien residence documents, as well as temporary documents of identity for travel.

**HEALTH**

People coming from countries where illnesses exist with epidemic character can be subjected to interrogations or exam. In cases that demand a protection test against an illness subject to quarantine, the state accepts the international certificate of vaccination or revaccination in the form prewritten by the World Organization of Health in the International Sanitary Regulation.

**FEES**

The National Institute of Civil Aviation (INAC) will charge to users of the air space of the Maiquetia FIR, including their territorial waters, as well as the air space on high sea inside the Maiquetia FIR for the purposes of air traffic.

**AIRCRAFT ENTRY REQUIREMENTS****GENERAL**

International flights to, from or over the territory of the Bolivarian Republic of Venezuela will be subjected to the effective regulations of the Bolivarian Republic of Venezuela relative to civil aviation. These regulations correspond essentially to the standards and recommended methods in Annex 9 to the Agreement on International Civil Aviation. The aircraft that fly toward the territory of Venezuela or departure must perform their first landing or last take off in/or from an international aerodrome.

**DESIGNATED AUTHORITIES****Civil Aeronautics**

Instituto Nacional de Aeronáutica Civil

Urbanización Altamira Sur

Address: Avenida José Félix Sosa  
Torre Británica, Pisos 4 al 6  
Chacao  
Estado Miranda  
Venezuela

Tel: 58 212 2774411

Internet: [www.inac.gob.ve](http://www.inac.gob.ve)

## VENEZUELA

### NATIONAL REGULATIONS AND REQUIREMENTS

AFS: SVCCYAYA

#### Customs

Aduana Aérea Principal Maiquetía

Address: División de Operaciones. Av  
Soubllette sector Cabo Blanco  
Maiquetía  
Estado Vargas  
Venezuela

Tel: 58 212 3032401 / 3032402 / 3032407 / 3032445

Fax: 58 212 3032473

#### Health

MPPS. Dirección General de Salud Ambiental y Contraloría Sanitaria

Address: Centro Simón Bolívar  
Edificio Sur, piso 3 Ofc. 324  
Frente a la Plaza Caracas  
Distrito Capital  
Caracas  
Venezuela

Tel: 58 212 4080502 / 0501 / 0503

Fax: 58 212 4080505

### SCHEDULED FLIGHTS

#### General

For regular international scheduled flights operated by foreign airlines into or transiting across the Bolivarian Republic of Venezuela, the following requirements must be met:

- a. The State of the airline must be part in the relative Agreement to the traffic of the air international services and/or in the Agreement on international air transports. The Bolivarian Republic of Venezuela is part in both agreements;
- b. The airline must fill conditions required to make the flights under the dispositions of bilateral or multilateral agreement in which the state of the airline and the Bolivarian Republic of Venezuela are contracting parts, and must have a permission to operate into or transiting across the Bolivarian Republic of Venezuela or to traffic for its territory with at least 20 days prior notice. The requests to obtain permits will be presented to the National Institute of Civil Aviation.

## **VENEZUELA NATIONAL REGULATIONS AND REQUIREMENTS**

### **Documentation Requirements for Clearance of Aircraft**

The Aviation Authority will coordinate with the competent administrative bodies in this area, the prior authorization on a diplomatic flight.

In the case of aircraft engaged in transporting passengers, cargo or mail for remuneration or hire, the Venezuelan state should not require more than the following details in the request for prior authorization:

- a. Name of the operator;
- b. Type and registration marks of the aircraft;
- c. Date and time of arrival at the airport in question, and the date and time of departure;
- d. Point or points of embarkation or disembarkation abroad as the case may be, of passengers and cargo;
- e. Purpose of flight and passenger numbers, nature and quantity of cargo;
- f. Name, address and business that is dedicated to the charterer, if applicable.

### **NON-SCHEDULED FLIGHTS**

If an operation intends to undertake non regular flight (or series of flights) transiting or making technical stops in the territory of the Bolivarian Republic of Venezuela, it is necessary to obtain previous authorization from the Aeronautical Authority.

If an operator intends to undertake non regular flight (or series of flights) toward the Bolivarian Republic of Venezuela intending to board or disembark passengers, merchandise or mail, it is necessary that requests be made to the National Institute of Civil Aviation authorization not less than 3 business days prior to the foreseen landing. The request will contain the following information, in the order that is indicated next:

- a. Name of the operator;
- b. Types of aircraft and registration marks;
- c. Dates and hours of arrival to the corresponding aerodrome and of departure of the aircraft;
- d. Place or places of board or disembark of passengers and/or overseas cargo, as it is the case;
- e. Purpose of the trip and the number of passengers, and/or the nature and quantity of the cargo; and
- f. Name, address and business of the charterer, if applicable.

VENEZUELA  
NATIONAL REGULATIONS AND REQUIREMENTS**PRIVATE FLIGHTS****Operations of Aircraft of General Aviation with Foreign Registration to and in the National Territory*****Restrictions***

The aircraft of General Aviation with foreign registration may not transport load, merchandise, articles or any other type of effects that are not for personal use of the passengers and crew members, or those that are not permitted or prohibited, according to the regulations in force.

General Aviation with foreign registration, shall enter and leave the country by an international airport, their operation will be limited to controlled airports and its points or paths that attach the aeronautical authority respecting the areas prohibited, restricted or dangerous, as well as those established of reasons of security and of any other kind.

**Operations Entry of Aircraft in the National Territory**

Air operations that exceed seventy-two (72) hours, require a permit from the aeronautical authority for admission to the country, operators of General Aviation with foreign registration, shall submit the corresponding Flight Plan, as well as entered all the necessary data.

Requests for air operations of aircraft of General Aviation with foreign registration in several controlled airports within the national territory, shall require a permit for operation of General Aviation with foreign registration by the aviation authority, which shall be issued for a period of up to ninety (90) days, and may be renewed for ninety (90) days more; complying one hundred and eighty (180) days maximum allowed in the period of one year.

Foreign-registered General Aviation aircraft intending to be operated within the national territory, shall comply with the following requirements:

- a. Form of application for permit of operation of aircraft of foreign registration within the national territory.
- b. Copy of the certificate of registration in the country of the country of origin of the aircraft.
- c. Copy of certificate of existing airworthiness issued by the State of registration of the aircraft.
- d. Copy of the insurance policy of existing civil aviation agreement as laid down in article 116 of the Civil Aviation Act, and the provisions in the field of civil aviation insurance.
- e. Copies of the licenses and current medical certificates, technically qualified to operate the aircraft type, issued or confirmed by the country of registration of the aircraft.
- f. Voucher of cancellation of aeronautics rights corresponding to the required air operating license.
- g. Solvency Control Services and Support of Air Navigation (Radio Navigation).



## **VENEZUELA NATIONAL REGULATIONS AND REQUIREMENTS**

### **PUBLIC HEALTH MEASURES APPLIED TO AIRCRAFT**

#### **Disinsection of Aircraft**

All aircraft when its final destination or transit is the Bolivarian Republic of Venezuela and has its origin or crosses territories that, in the opinion of the authorities with jurisdiction over health, environment and agriculture and land that may constitute a threat to public health , agriculture or the environment, should be disinsected by the operator.

#### **Disinfection of Aircraft**

The authority with competence in agriculture and land, through the agricultural health agency, together with the authority with competence in health matters will establish the species of animals, plants and products of animal and plant, chemical and biological origin that, being transported by air, require disinfection of the aircraft.

When disinfection of the aircraft is required, the following provisions must be applied:

- a. The application shall be limited only to the container, to the compartment of the aircraft used for transport or in its entirety when the integrity of the container or packaging has been altered, spilling its contents;
- b. Disinfection takes place quickly;
- c. Chemical compounds or flammable solutions that may cause damage to the structure of the aircraft or the health of passengers shall not be used.

Must notify in writing to the Aeronautical Authority, the aircraft operator and the airport operator.

### **AIRPORTS OF ENTRY**

Barcelona (Gen. José Antonio Anzoátegui Intl)

Barquisimeto (Jacinto Lara Intl)

Ciudad Guayana (Gen Manuel Carlos Piar Intl)

Maiquetia (Simón Bolívar Intl)

Maracaibo (La Chinita Intl)

Margarita (Chief Gen Santiago Marion Intl)

Maturín (Gen José Tadeo Monagas Intl)

Paraguana (Josefa Camejo Intl)

Puerto Cabello (Gen Bartolomé Salom)

San Antonio Del Táchira (Gral Juan Vicente Gómez Intl)

Santo Domingo (Mayor Buenaventura Vivas Intl AB)

Valencia (Arturo Michelena Intl)



# Emergency

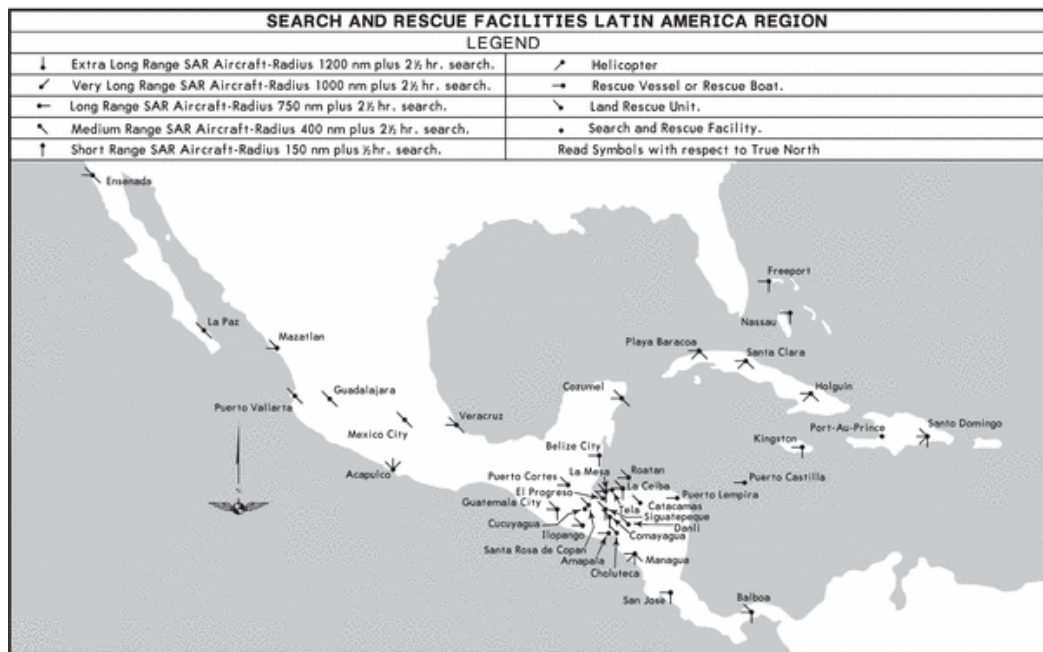


# Emergency

## Emergency Procedures - Latin America

# LATIN AMERICA SEARCH AND RESCUE FACILITIES

## LATIN AMERICA REGION





# Emergency

State Rules and Procedures - Latin  
America

## BELIZE

## ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

**GENERAL**

In general, the Emergency, Unlawful Interference, Communications Failure and Interception procedures are in conformity with ICAO Standards, Recommended Practices and Procedures.

**EMERGENCY****SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES**

The following procedures are provided for guidance only. Although all possible contingencies cannot be covered, they provide for cases of inability to maintain the assigned level due to weather, aircraft performance and pressurization failure. They are applicable primarily when rapid descent, turn-back, or both, are required. The pilot's judgement shall determine the sequence of actions taken, having regard to the specific circumstances.

If an aircraft is unable to continue flight in accordance with its ATC clearance, a revised clearance shall, whenever possible, be obtained prior to initiating any action, using the radiotelephony distress or urgency call as appropriate.

If prior clearance cannot be obtained, an ATC clearance shall be obtained at the earliest possible time and, in the meantime, the aircraft shall broadcast its position (including the ATS route designator) and intentions, on frequency 121.5 MHz at suitable intervals until ATC clearance is received.

**SEARCH AND RESCUE**

ICAO Standards, Recommended Practices and Procedures are not presently established in Belize. SAR facilities are limited and may not be immediately available.

**HONDURAS  
ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

## GENERAL

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with ICAO Standards, Recommended Practices and Procedures.

## INTERCEPTION

Honduras uses the following visual signals in the event of interception.

**Signals Initiated by Intercepting Aircraft and Responses by Intercepted Aircraft**

<b>SERIES</b>	<b>INTERCEPTING Aircraft Signals</b>	<b>MEANING</b>	<b>INTERCEPTED Aircraft Responds</b>	<b>MEANING</b>
1	<p>DAY or NIGHT — Rocking wings and flashing navigation lights at regular intervals (landing lights in case of helicopters) from a position slightly above and ahead of, and normally to the left of intercepted aircraft (to the right in case of helicopters) to the desired heading.</p> <p><i>NOTE 1: Meteorological conditions or terrain may require the intercepting aircraft to reverse the positions and directions of turn indicated in Series 1.</i></p> <p><i>NOTE 2: If the intercepted aircraft is not able to keep the speed of the intercepting aircraft, the latter is expected to fly holding patterns and rock the aircraft each time passes in front of the intercepted aircraft.</i></p>	<p>You have been intercepted.</p> <p>Follow me.</p>	<p>DAY or NIGHT — Rocking wings, flashing navigational lights at regular intervals and following.</p> <p><i>NOTE: Other measures that are required to adopt to an intercepted aircraft are described in ICAO Annex 2, Chapter 3,3.8.</i></p>	<p>Understood, will comply.</p>
2	<p>DAY or NIGHT — An abrupt break-away maneuver from the intercepted aircraft consisting of a climbing turn of 90 degrees or more without crossing the line of flight of the intercepted aircraft.</p>	<p>You may proceed.</p>	<p>DAY or NIGHT — Rocking wings.</p>	

## HONDURAS

### ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

### Signals Initiated by Intercepting Aircraft and Responses by Intercepted Aircraft (continued)

SERIES	INTERCEPTING Aircraft Signals	MEANING	INTERCEPTED Aircraft Responds	MEANING
3	DAY or NIGHT — Lowering the landing gear (if it was lifted), showing steady landing lights and overflying the runway in use, if the intercepted aircraft is a helicopter, overflying the helicopter landing area. In case of helicopters the intercepting helicopter makes an approach to land, coming to be hovering near the landing area.	Land at this airport.	DAY or NIGHT — Lowering the landing gear (if it was lifted), showing steady landing lights and following the intercepting aircraft and if after overflying the runway in use landing is considered safe, proceeding to land.	

### Signals Initiated by Intercepted Aircraft and Responses by Intercepting Aircraft

<b>SERIES</b>	<b>INTERCEPTED Aircraft Signals</b>	<b>MEANING</b>	<b>INTERCEPTING Aircraft Responds</b>	<b>MEANING</b>
4	DAY or NIGHT — Raising the landing gear (if gear was lowered) and flashing landing lights while passing over runway in use or the helicopter landing area at a exceeding 300m (1000 ft) but not exceeding 600m (2000 ft) (in case of helicopter, at a height exceeding 50m (170 ft) but not exceeding 100m (300 ft) above the airport level, and continuing to circle the runway in use or the helicopter landing area). If unable to flash the landing lights, flash any other lights available.	Airport you have designated is inadequate.	<p>DAY or NIGHT — If it is desired that the intercepted aircraft follow the intercepting aircraft to an alternate airport, the intercepting aircraft raises its landing gear and uses the Series 1 signals prescribed for intercepting aircraft.</p> <p>If it is decided to release the intercepted aircraft, the intercepting aircraft uses the Series 2 signals prescribed for intercepting aircraft.</p>	<p>Understood, follow me.</p> <p>Understood, you may proceed.</p>



**HONDURAS  
ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Signals Initiated by Intercepted Aircraft and Responses by Intercepting Aircraft (continued)**

<b>SERIES</b>	<b>INTERCEPTED Aircraft Signals</b>	<b>MEANING</b>	<b>INTERCEPTING Aircraft Responds</b>	<b>MEANING</b>
5	DAY or NIGHT — Regular switching on and off of all available lights in such a manner as to be distinct from flashing lights.	Cannot comply.	DAY or NIGHT — Use Series 2 signals prescribed for intercepting aircraft.	Understood.
6	DAY or NIGHT — Irregular flashing of all available lights.	In distress.	DAY or NIGHT — Use Series 2 signals prescribed for intercepting aircraft.	Understood.

**PANAMA**
**ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

## GENERAL

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with ICAO Standards, Recommended Practices and Procedures.

## INTERCEPTION

The following visual signals are used over the territory and territorial waters of Panama in the event of interception.

### Signals Initiated by Intercepting Aircraft and Responses by Intercepted Aircraft

SERIES	INTERCEPTING Aircraft Signals	MEANING	INTERCEPTED Aircraft Responds	MEANING
1	<p>DAY or NIGHT — Rocking wings and flashing navigational lights at irregular intervals, from a position slightly above and ahead of, and normally, to the left of intercepted aircraft or to the right if the intercepted aircraft is a helicopter and, after acknowledgement, a slow level turn, normally to the left or to the right in the case of a helicopter.</p> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>a. <i>Meteorological conditions or terrain may require the intercepting aircraft to take up a position slightly ahead of and to the right of the intercepted aircraft, and to make the subsequent turn to the right.</i></li> <li>b. <i>If the intercepted aircraft is not able to keep pace with the intercepting aircraft, the latter is expected to fly a series of race-track patterns and to rock its wings each time it passes the intercepted aircraft.</i></li> </ul>	<p>You have been intercepted.</p> <p>Follow me.</p>	<p>AIRPLANES:</p> <p>DAY or NIGHT — Rocking wings, flashing lights at irregular intervals and following.</p> <p><b>NOTE:</b> <i>Additional action required to be taken by intercepted aircraft is prescribed in the EMERGENCY Section, ACTION BY INTERCEPTED AIRCRAFT.</i></p>	<p>Understood, will comply.</p>

**PANAMA  
ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Signals Initiated by Intercepting Aircraft and Responses by Intercepted Aircraft (continued)**

<b>SERIES</b>	<b>INTERCEPTING Aircraft Signals</b>	<b>MEANING</b>	<b>INTERCEPTED Aircraft Responds</b>	<b>MEANING</b>
2	DAY or NIGHT — An abrupt breakaway maneuver from the intercepted aircraft consisting of a climbing turn of 90 degrees or more without crossing the line of flight of the intercepted aircraft.	You may proceed.	AIRPLANES: DAY or NIGHT — Rocking wings.  HELICOPTERS: DAY OR NIGHT— Rocking the aircraft	Understood, will comply.
3	DAY or NIGHT — Lowering landing gear (if fitted), showing steady landing flights, and overflying runway in direction of landing or, if the intercepted aircraft is a helicopter, overflying the helicopter landing area. In the case of helicopters, the intercepting helicopter makes a landing approach, coming to a hover near the landing area.	Land at this aerodrome.	AIRPLANES: DAY or NIGHT — Low- ering landing gear, showing steady landing lights and following the intercepting aircraft and, if after overflying the runway in use, or helicopter landing area, landing is considered safe, proceeding to land.	Understood, will comply.

**PANAMA  
ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Signals Initiated by Intercepted Aircraft and Responses by Intercepting Aircraft**

<b>SERIES</b>	<b>INTERCEPTED Aircraft Signals</b>	<b>MEANING</b>	<b>INTERCEPTING Aircraft Responds</b>	<b>MEANING</b>
4	DAY or NIGHT — Raising landing gear (if fitted) and flashing landing lights while passing over landing runway, or helicopter landing area, at a height exceeding 300m (1,000") but not exceeding 600m (2,000") [in the case of a helicopter, at a height exceeding 50 M(170 ft) but not exceeding 100 M (330 ft)] above the aerodrome level, and continuing to circle the runway in use, or helicopter landing area. If unable to flash landing lights, flash any other lights available.	Aerodrome you have designated is inadequate.	DAY or NIGHT — If it is desired that the intercepted aircraft follow the intercepting aircraft to an alternate aerodrome, the intercepting aircraft raises its landing gear and uses the Series 1 signals prescribed for intercepting aircraft.  If it is decided to release the intercepted aircraft, the intercepting aircraft uses the Series 2 signals prescribed for intercepting aircraft.	Understood, follow me.  Understood, you may proceed.
5	DAY or NIGHT — Regular switching on and off of all available lights in such a manner as to be distinct from flashing lights.	Cannot comply.	DAY or NIGHT — Use Series 2 signals prescribed for intercepting aircraft.	Understood.
6	DAY or NIGHT — Irregular flashing of all available lights.	In distress.	DAY or NIGHT — Use Series 2 signals prescribed for intercepting aircraft.	Understood.



# Emergency

## State Rules and Procedures - Caribbean

**ARUBA****ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES****GENERAL**

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with ICAO Standards, Recommended Practices and Procedures.

**INTERCEPTION**

The following visual signals are used over the territory and territorial waters of Aruba in the event of interception.

**ARUBA**  
**ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Signals Initiated by Intercepting Aircraft and Responses by Intercepted Aircraft**

<b>SERIES</b>	<b>INTERCEPTING Aircraft Signals</b>	<b>MEANING</b>	<b>INTERCEPTED Aircraft Responds</b>	<b>MEANING</b>
1	<p>DAY — Rocking wings from a position in front, and normally, to the left of intercepted aircraft and, after acknowledgement, a slow level turn, normally to the left, on to the desired heading.</p> <p>NIGHT — Same and, in addition, flashing navigational lights at irregular intervals.</p> <p><b>NOTE:</b></p> <p><i>a. intercepting aircraft to take up a position in front and to the right of the intercepted aircraft and to make the subsequent turn to the right.</i></p> <p><i>b. with the intercepting aircraft, the latter is expected to fly a series of race-track patterns and to rock its wings each time it passes the intercepted aircraft.</i></p>	<p>You have been intercepted. Follow me.</p>	<p><b>AIRPLANES:</b></p> <p>DAY — Rocking wings and following.</p> <p>NIGHT — Same and, in addition, flashing navigational lights at irregular intervals.</p> <p><b>HELICOPTERS:</b></p> <p>DAY or NIGHT — Rocking aircraft, flashing navigational lights at irregular intervals and following.</p> <p><b>NOTE:</b> <i>Additional action required to be taken by intercepted aircraft is prescribed in the EMERGENCY Section.</i></p>	<p>Understood, will comply.</p>

**ARUBA**  
**ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Signals Initiated by Intercepting Aircraft and Responses by Intercepted Aircraft (continued)**

<b>SERIES</b>	<b>INTERCEPTING Aircraft Signals</b>	<b>MEANING</b>	<b>INTERCEPTED Aircraft Responds</b>	<b>MEANING</b>
2	DAY or NIGHT — An abrupt break-away maneuver from the intercepted aircraft consisting of a climbing turn of 90 degrees or more without crossing the line of flight of the intercepted aircraft.	You may proceed.	AIRPLANES: DAY or NIGHT — Rocking wings. HELICOPTERS: DAY or NIGHT — Rocking aircraft.	Understood, will comply.
3	DAY — Circling aerodrome, lowering landing gear and overflying runway in direction of landing or, if the intercepted aircraft is a helicopter, overflying the helicopter landing area. NIGHT — Same and, in addition showing steady landing lights.	Land at this aerodrome.	AIRPLANES: DAY — Lowering landing gear, following the intercepting aircraft and, if after overflying the runway in use or helicopter landing area, landing is considered safe, proceeding to land. NIGHT — Same and, in addition showing steady landing lights (if carried). HELICOPTERS: DAY or NIGHT — Following the intercepting aircraft and proceeding to land, showing a steady landing light (if carried).	Understood, will comply.



**ARUBA**  
**ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Signals Initiated by Intercepted Aircraft and Responses by Intercepting Aircraft**

<b>SERIES</b>	<b>INTERCEPTED Aircraft Signals</b>	<b>MEANING</b>	<b>INTERCEPTING Aircraft Responds</b>	<b>MEANING</b>
4	<p><b>DAY</b> — Raising landing gear while passing over landing runway or helicopter landing area at a height exceeding 300m (1,000 ft.) but not exceeding 600m (2,000 ft.) [in case of a helicopter, at a height exceeding 50m (170 ft.) but not exceeding 100m (330 ft.)] above the aerodrome level, and continuing to circle the aerodrome.</p> <p><b>NIGHT</b> — Raising landing gear and flashing landing lights while passing over landing runway or helicopter landing area at a height exceeding 300m (1,000 ft.) but not exceeding 600m (2,000 ft.) [in case of a helicopter, at a height exceeding 50m (170 ft.) but not exceeding 100m (330 ft.)] above the aerodrome level, and continuing to circle the aerodrome. If unable to flash landing lights, flash any other lights available.</p>	Aerodrome you have designated is inadequate.	<p><b>DAY or NIGHT</b> — If it is desired that the intercepted aircraft follow the intercepting aircraft to an alternate aerodrome, the intercepting aircraft raises its landing gear and uses the Series 1 signals prescribed for intercepting aircraft.</p> <p>If it is decided to release the intercepted aircraft, the intercepting aircraft uses the Series 2 signals prescribed for intercepting aircraft.</p>	<p>Understood, follow me.</p> <p>Understood, you may proceed.</p>
5	<b>DAY or NIGHT</b> — Regular switching on and off of all available lights but in such a manner as to be distinct from flashing lights.	Cannot comply.	<b>DAY or NIGHT</b> — Use Series 2 signals prescribed for intercepting aircraft.	Understood.
6	<b>DAY or NIGHT</b> — Irregular flashing of all available lights.	In distress.	<b>DAY or NIGHT</b> — Use Series 2 signals prescribed for intercepting aircraft.	Understood.

## SEARCH AND RESCUE

All search and rescue aircraft are land-based and carry survival equipment, capable of being dropped, consisting of inflatable rubber dinghies equipped with medical supplies, emergency

**ARUBA****ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

rations and survival radio equipment. Aircraft and marine craft are equipped to communicate on 121.5 MHz, 123.1 MHz, 243 MHz, 500 kHz, 2182 kHz, and 8364 kHz.

Some SAR aircraft and marine craft are equipped with direction finding equipment and radar.

Rescue fixed wing aircraft belonging to permanent SAR Units use the call sign "RESCUE PLUTO" and additional odd identification numbers (ONE, THREE, etc.) during rescue operations.

Rescue helicopters belonging to permanent SAR units use the call sign "RESCUE PEDRO" and additional even identification numbers (TWO, FOUR, etc.) during rescue operations.

## BARBADOS

## ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

**GENERAL**

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with ICAO Standards, Recommended Practices and Procedures.

**EMERGENCY****SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES**

The following procedures are intended for guidance only. Although all possible contingencies cannot be covered, they provide for such cases as inability to maintain the assigned level due to weather, aircraft performance and pressurization failure. They are applicable primarily when rapid descent, turnback or both, are required. The pilot's judgement shall determine the sequence of actions taken, having regard to the specific circumstances.

**General Procedures**

If an aircraft is unable to continue flight in accordance with its ATC clearance, a revised clearance shall, whenever possible, be obtained prior to initiating any action, using the RTF distress or urgency signal as appropriate.

If prior clearance cannot be obtained, an ATC clearance shall be obtained at the earliest possible time, and, in the meantime, the aircraft shall broadcast its position (including the ATS route designator) and intentions, on frequency 121.5 MHz at suitable intervals until ATC clearance is received.

## **E CARIBBEAN STATES ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

### **GENERAL**

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with ICAO Standards, Recommended Practices and Procedures.

Applicable to the following States in the Eastern Caribbean Is within the Caribbean ICAO region:

- ANGUILLA (San Juan FIR)
- ANTIGUA (Piarco FIR)
- BRITISH VIRGIN IS (San Juan FIR)
- DOMINICA (Piarco FIR)
- GRENADA (Piarco FIR)
- NEVIS I (Piarco FIR)
- ST KITTS (Piarco FIR)
- ST LUCIA (Piarco FIR)
- ST VINCENT (Piarco FIR)
- TOBAGO I (Piarco FIR)
- TRINIDAD (Piarco FIR)

### **EMERGENCY**

#### **TRANSPONDER PROCEDURES**

If the pilot of an aircraft encountering a state of emergency has previously been directed by ATC to operate the transponder as a specific code, this code setting shall be maintained until otherwise advised. In all other circumstances, the transponder shall be set to mode A/3 code 7700.

Notwithstanding the procedure above, a pilot may select mode A/3 code 7700, whenever the nature of the emergency is such that this appears to him to be the most suitable course of action.

#### **SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES**

The following procedures are provided for guidance only. Although all possible contingencies cannot be covered, they provide for cases of inability to maintain the assigned level due to weather, aircraft performance or pressurization failure. They are applicable primarily when rapid descent, turn-back or both are required. The pilot's judgment shall determine the sequence of actions taken, having regard to the specific circumstances.

##### **General Procedures**

If an aircraft is unable to continue flight in accordance with its ATC clearance, a revised clearance shall, whenever possible, be obtained prior to initiating any action, using the RTF distress or urgency signal as appropriate.

## **E CARIBBEAN STATES ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

If prior clearance cannot be obtained, an ATC clearance shall be obtained at the earliest possible time and, in the meantime, the aircraft shall broadcast its position (including the ATS route designator) and intentions, on frequency 121.5 MHz at suitable intervals until ATC clearance is received.

### **COMMUNICATIONS FAILURE**

The radar controller will establish whether the aircraft radio receiver is functioning by instructing the pilot to carry out a turn or turns. If the turns are observed, the radar controller will continue to provide radar service to the aircraft.

If the aircraft's radio is completely unserviceable, the pilot should carry out the procedures for radio failure in accordance with ICAO provisions. If radar identification has already been established, the radar controller will vector other identified aircraft clear of its track until such time as the aircraft leaves radar cover.

In the event of an aircraft radio receiver failure, a pilot shall select Mode A/3, Code 76 (or 7600) and follow established procedures; subsequent control of the aircraft will be based on those procedures.

### **UNLAWFUL INTERFERENCE**

#### **GENERAL**

The following procedures are intended for use by aircraft when unlawful interference occurs and the aircraft is unable to notify an ATS unit of this fact.

#### **PROCEDURES**

Unless consideration aboard the aircraft dictate otherwise, the pilot-in-command should attempt to continue flying on the assigned track and at the cruising level at least until notification to an ATS unit is possible or the aircraft is within radar coverage.

When an aircraft subjected to an act of unlawful interference must depart from its assigned track or its assigned cruising level without being able to make radiotelephony contact with ATS, the pilot-in-command should, whenever possible:

- attempt to broadcast warnings on the VHF emergency frequency and other appropriate frequencies, unless considerations aboard the aircraft dictate otherwise. Other equipment such as onboard transponders, data links, etc. should also be used when it is advantageous to do so and circumstances permit; and
- proceed in accordance with applicable special procedures for in-flight contingencies, where such procedures have been established through ICAO; or
- if no applicable regional procedures have been established, proceed at a level which differs from the cruising levels normally used for IFR flight in the area by 300m (1000 ft) if above FL290 or by 150m (500 ft) if below FL290.

Pilots of aircraft in flight subjected to unlawful interference shall endeavour to set the transponder to Mode A, Code 7500 to make the situation known, unless circumstances warrant the use of Mode A/B, Code 77 (7700).

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**E CARIBBEAN STATES  
ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

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## **INTERCEPTION OF CIVIL AIRCRAFT**

### **INTERCEPTION PROCEDURES**

The following procedures and visual signals apply over the territory and territorial waters of Eastern Caribbean States in the event of interception of and aircraft. An aircraft which is intercepted by another aircraft shall immediately:

- a. follow the instructions given by the intercepting aircraft, interpreting and responding to visual signals in accordance with ICAO standards;
- b. notify, if possible, the appropriate air traffic services unit;
- c. attempt to establish radio communication with the intercepting aircraft or with the appropriate intercept control unit, by making a general call on the emergency frequency 121.5 MHz, giving the identity of the intercepted aircraft and the nature of the flight; if no contact has been established and if practicable, repeat this call on the emergency frequency 243 MHz;
- d. if equipped with SSR transponder, select Mode A, Code 7700, unless otherwise instructed by the appropriate air traffic services unit.

If any instructions received by radio from any sources conflict with those given by the intercepting aircraft by visual signals, the intercepted aircraft shall request immediate clarification while continuing to comply with the visual instructions given by the intercepting aircraft.

If instructions received by radio from any sources conflict with those given by the intercepting aircraft by radio, the intercepted aircraft shall request immediate clarification while continuing to comply with the radio instructions given by the intercepting aircraft.

## NETH ANTILLES

## NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

**GENERAL**

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with the Standards, Recommended Practices and Procedures contained in ICAO Annexes and Documents.

Applicable to the following locations/airports in the Caribbean ICAO region:

- Bonaire I (Kralendijk)/Flamingo Intl (Curacao FIR)
- Curacao I (Willemstad)/Hato Intl (Curacao FIR)
- St Maarten I (Philipsburg)/Princess Juliana Intl (San Juan FIR)
- St Eustatius I (Oranjestad)/F.D. Roosevelt (San Juan FIR)

**EMERGENCY****SPECIAL PROCEDURES FOR AIR TRAFFIC MANAGEMENT (ATM) CONTINGENCIES IN THE CURACAO FIR**

This Air Traffic Management (ATM) Contingency Plan contains arrangements to ensure the continued safety of air navigation in the event of partial or total disruption of air traffic services in the Curacao FIR in accordance with:

- ICAO Annex 11 — Air Traffic Services, Chapter 2, paragraph 2.30. (Not published herein)

The Contingency Plan provides the ATS procedures and contingency route structure using existing airways in most cases that will allow aircraft operators to transit the Curacao FIR.

Contingency Plan addresses arrangements for arriving and departing flights at airports or for domestic flight operations within the Curacao FIR.

This Contingency Plan addresses arrangements for international transit flights traversing the Curacao FIR during the Contingency Plan period.

**States and FIRs Affected**

The adjacent States, FIRs and ACCs directly affected by this Contingency Plan are:

- Venezuela – Maiquetia FIR (ACC)
- Puerto Rico – San Juan FIR (ACC)
- Santo Domingo – Santo Domingo FIR (ACC)
- Haiti – Haiti FIR (ACC)
- Jamaica – Kingston FIR (ACC)
- Barranquilla – Barranquilla FIR (ACC) lower airspace
- Bogota – Barranquilla FIR (ACC) upper airspace

**Pilots and Operator Procedures**

Aircraft overflying the Curacao FIR shall follow the following procedures:

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- a. all aircraft proceeding along the ATS routes established in this Contingency Plan will comply with the instrument flight rules (IFR) and will be assigned a flight level in accordance with the flight level allocation scheme applicable to the route(s) being flown as specified below;
- b. flights are to file a flight plan using the Contingency Routes specified according to their airport of origin and destination;
- c. pilots are to keep a continuous watch on the specified contingency frequency as specified in Communication Procedures shown below and transmit in English position information and estimates in line with normal ATC position reporting procedures;
- d. pilots are to maintain during their entire flight time within the Curacao FIR, the flight level and Mach number last assigned by the last ACC responsible prior to the aircraft entering the Curacao FIR, and under no circumstances change this level and Mach Number, except in cases of emergency or for flight safety reasons only. In addition, the last SSR transponder assigned shall be maintained or, if no transponder has been assigned, SSR code 2000 shall be selected;
- e. aircraft are to reach the flight level last assigned by the responsible ACC at least 10 minutes prior entering the Curacao FIR or as otherwise instructed by the ATC unit.
- f. pilots are to include in their last position report prior to entering the Curacao FIR, the estimated time over the entry point of the Curacao FIR and the estimated time of arrival over the relevant exit point of the Curacao FIR;
- g. pilots are to contact the next adjacent ACC as soon as possible, and at the latest, ten (10) minutes prior to crossing the common FIR Boundary;
- h. whenever emergencies and/or flight safety reasons make it impossible to maintain the flight level assigned for transit of the Curacao FIR, pilots are to climb or descend well to the right of the centerline of the contingency route. Any deviation action that will not be completed prior to the relevant exit points of the Curacao FIR, the pilot shall inform immediately the ACC responsible for that airspace. Pilots are to make blind broadcast on 121.5 MHz of the relevant emergency level change (message must be comprised of the aircraft call sign, position, direction of flight, the flight levels being vacated, crossed, etc).

**Interception of Civil Aircraft**

Pilots need to be aware that in light of current international circumstances, a contingency routing requiring aircraft to operate off normal traffic routes, could result in an intercept by military aircraft. Aircraft operators must therefore be familiar with international intercept procedures contained in:

- ICAO Annex 2 Rules of the Air, paragraph 3. 8 and Appendix 2, Sections 2 and 3. (See Jeppesen ATC – ICAO Rules of the Air – Annex 2)

If circumstances lead to the restriction of the Curacao airspace and no contingency routes are available through the Curacao FIR, aircraft will be required to route around the Curacao airspace. As much warning as possible will be provided by the appropriate ATS authorities in the event of the complete restriction of Curacao airspace.



## NETH ANTILLES

## NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

Pilots need to continuously guard the VHF emergency frequency 121.5 MHz and should operate their transponder at all times during flight, regardless of whether the aircraft is within or outside airspace where secondary surveillance radar (SSR) is used for ATS purposes. Transponders should be set on a discrete code assigned by ATC or select code 2000 if ATC has not assigned a code.

## COMMUNICATION PROCEDURES

## Degradation of Communication — Pilot Radio Procedures

When operating within the contingency airspace of the Curacao FIR, pilots should continue to use normal radio communication procedures as if ATS services are available. These will be in accordance with the communication procedures in this Plan or as otherwise notified by NOTAM.

If communications are lost unexpectedly on the normal ATS A/G frequencies, pilots should try the next applicable frequency, e.g. if enroute contact is lost then try the next appropriate frequency, that is, the next normal handover frequency. Pilots should also consider attempting to contact ATC on the last frequency where two-way communication had been established. In the absence of communication with ATC, the pilot should continue to make routine position reports on the last assigned frequency.

## Communication Frequencies

A list of frequencies to be used for the contingency routes and the ATS units providing FIS and air-ground communication monitoring for the Curacao FIR is detailed below.

## List of Frequencies

FIR	UNIT	COM
Curacao FIR	Curacao ACC	127.1 VHF
		124.1 VHF
		121.5 VHF
	Hato Radar Approach	119.6 VHF
	Hato Tower	118.3 VHF
		121.5 VHF
	Flamingo Tower	118.7 VHF
		121.5 VHF
	Aruba Approach	120.9 VHF
		121.5 VHF
Maiquetia FIR	Maiquetia ACC	128.5 VHF
		121.5 VHF
San Juan FIR	San Juan ACC	118.75 VHF

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**List of Frequencies (continued)**

<b>FIR</b>	<b>UNIT</b>	<b>COM</b>
		118.15 VHF
		121.5 VHF
Santo Domingo FIR	Santo Domingo ACC	124.3 VHF (primary)
		127.8 VHF (secondary)
		121.5 VHF
Haiti FIR	Haiti ACC	124.5 VHF
		121.5 VHF
Kingston FIR	Kingston ACC	128.1 VHF (primary)
		125.4 VHF (secondary)
		121.5 VHF
Barranquillia FIR	Barranquilla ACC	128.4 VHF
	Bogota	
		121.5 VHF

**CONTINGENCY ROUTE STRUCTURE**

In the event of disruption of the ATC services provided by the Netherlands Antilles Air Traffic Control (NAATC), contingency routes will be introduced to ensure safety of flight and to facilitate limited flight operations commensurate with the prevailing conditions. Existing ATS routes form the basis of the contingency routes to be used, and a contingency route structure is introduced to minimize potential points of conflict and to limit the number of aircraft operating simultaneously in the system under reduced air traffic services.

**NETH ANTILLES**  
**NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Contingency Route Structure for Traffic from Airports within the Curacao FIR Destined to the North America and Caribbean Region**

<b>DEPARTURE AIRPORT</b>	<b>CONTINGENCY / AVAILABLE ROUTES (CR/s)</b>	<b>FIRs (ATS UNITS) INVOLVED</b>
Beatrix Intl, Aruba	CR 1: ABA DCT VESKA MAXIMUM FL280 (15 MIN INTERVAL BETWEEN DEPARTING A/C)	SANTO DOMINGO
Willemstad/Hato Intl, Curacao I	CR 2: PJG G446 KARUM MAXIMUM FL270 (15 MIN INTERVAL BETWEEN DEPARTING A/C)	SANTO DOMINGO
Flamingo (Kralendijk), Bonaire I	CR 3: PJB DCT BEXER A554 PO-KAK MAXIMUM FL280 (15 MIN INTERVAL BETWEEN DEPARTING A/C)	SANTO DOMINGO

**Contingency Route Structure for Traffic from the North America / Western Caribbean Region and Haiti Destined to Airports within the Curacao FIR**

<b>DESTINATION AIRPORT</b>	<b>CONTINGENCY / AVAILABLE ROUTES (CR/s)</b>	<b>FIRs (ATS UNITS) INVOLVED</b>
Beatrix Intl, Aruba	CR 4: UL474 INTERCEPT G442 TO ABA-VOR G442 MAXIMUM FL290	KINGSTON BEATRIX TWR/APP
Willemstad/Hato Intl, Curacao I	CR 4: UL474 INTERCEPT G442 TO ABA-VOR thereafter FLY DCR2 TO PJG-VOR G442 MAXIMUM FL290	HATO TWR/APP
Flamingo (Kralendijk), Bonaire I	CR 4: UL474 INTERCEPT G442 TO ABA-VOR thereafter FLY DCR2 + DCR3 TO PJB-NDB. G442 MAXIMUM FL290	FLAMINGO TWR

**NETH ANTILLES**  
**NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Contingency Route Structure for Traffic from the North America / Western Caribbean Region and Haiti Destined to Airports within the Curacao FIR (continued)**

<b>DESTINATION AIRPORT</b>	<b>CONTINGENCY / AVAILABLE ROUTES (CR/s)</b>	<b>FIRs (ATS UNITS) INVOLVED</b>
	<p>A/C SHOULD DESCEND TO FL90 AND ESTABLISH COMMUNICATION WITH BEATRIX APP. AT LEAST 50 NM BEFORE ABA-VOR.</p> <p>15 MIN INTERVAL BETWEEN A/C ABOVE FL200</p> <p>20 MIN INTERVAL BETWEEN A/C BELOW FL200</p> <p>“PILOTS SHALL ADHERE TO PROCEDURES ESTABLISHED FOR INTERISLAND TRAFFIC BETWEEN THE AIRPORTS IN THE CURACAO FIR”</p>	

**Contingency Route Structure for Traffic from North America Transiting the Curacao FIR with Destination South America Vice Versa**

<b>DESTINATION</b>	<b>CONTINGENCY / AVAILABLE ROUTES (CR/s)</b>	<b>FIRs (ATS UNITS) INVOLVED</b>
South America	<p>CR 5:</p> <p>UL795 southbound Minimum FL310</p> <p>15 MIN BETWEEN A/C AT THE SAME LEVEL</p>	KINGSTON
North America	<p>CR 6:</p> <p>UL304 northbound Minimum FL300</p> <p>15 MIN BETWEEN A/C AT THE SAME LEVEL</p>	MAIQUETIA

**NETH ANTILLES**  
**NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Contingency Route Structure for Traffic from the Atlantic, Maiquetia and Eastern Part of the Caribbean Region Destined to Airports within the Curacao FIR**

DESTINATION AIRPORT	CONTINGENCY / AVAILABLE ROUTES (CR/s)	FIRs (ATS UNITS) INVOLVED
Beatrix Intl, Aruba	CR 7: A563-BONAX-A563-A574 (A/C TO CROSS BONAX AT FL120 OR ABOVE) 15 MIN. INTERVAL BETWEEN A/C AT THE SAME LEVEL. – ESTABLISH COMMUNICATION WITH HATO APP. AT LEAST 50 NM BEFORE PJG VOR. – ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO ENTERING THE DESTINATION CTR OR ATZ. “PILOTS SHALL ADHERE TO PROCEDURES ESTABLISHED FOR INTERISLAND TRAFFIC BETWEEN THE AIRPORTS IN THE CURACAO FIR”	MAIQUETIA  HATO TWR/APP  BEATRIX TWR/APP
Willemstad/Hato Intl, Curacao I	CR 8: BONAX A563-BONAX-A563 (A/C TO CROSS BONAX FL100) 15 MIN. INTERVAL BETWEEN A/C	MAIQUETIA  HATO TWR/APP

**NETH ANTILLES**
**NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**
**Contingency Route Structure for Traffic from the Atlantic, Maiquetia and Eastern Part of the Caribbean Region Destined to Airports within the Curacao FIR (continued)**

DESTINATION AIRPORT	CONTINGENCY / AVAILABLE ROUTES (CR/s)	FIRs (ATS UNITS) INVOLVED
	<ul style="list-style-type: none"> <li>– ESTABLISH COMMUNICATION WITH HATO APP. AT LEAST 50 NM BEFORE PJG VOR.</li> <li>– ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO ENTERING THE DESTINATION CTR OR ATZ.</li> </ul> <p>“PILOTS SHALL ADHERE TO PROCEDURES ESTABLISHED FOR INTERISLAND TRAFFIC BETWEEN THE AIRPORTS IN THE CURACAO FIR”</p>	
Flamingo (Kralendijk), Bonaire I	<p>CR 9: BONAX-A563-PJB (A/C TO CROSS BONAX-FL080) 15 MIN. INTERVAL BETWEEN A/C</p> <ul style="list-style-type: none"> <li>– ESTABLISH COMMUNICATION WITH HATO APP. AT LEAST 50 NM BEFORE PJG VOR.</li> </ul> <p>ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO ENTERING THE DESTINATION CTR OR ATZ.</p>	<p>MAIQUETIA</p> <p>FLAMINGO TWR</p>

## NETH ANTILLES

## NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

## Contingency Route Structure for Traffic from Airports within the Curacao FIR Destined to the South American and North East Atlantic Region

DEPARTURE AIRPORT	CONTINGENCY / AVAILABLE ROUTES (CR/s)	FIRs (ATS UNITS) INVOLVED
Beatrix Intl, Aruba	CR 10: CLIMB ON G442 TO FL110 AND CONTACT MAIQUETIA ASAP TO OBTAIN ENTRY CLEARANCE AT ALCOT. (15 MIN INTERVAL BETWEEN DEPARTING A/C)	MAIQUETIA
Willemstad/Hato Intl, Curacao I	CR 11: CLIMB ON G446 TO FL090 AND CONTACT MAIQUETIA TO OBTAIN CLEARANCE AT REPIS. (15 MIN INTERVAL BETWEEN DEPARTING A/C)	MAIQUETIA
Flamingo (Kralendijk), Bonaire I	CR 12: CLIMB TO FL070 AND CONTACT MAIQUETIA TO OBTAIN ENTRY CLEARANCE AT BONAX. (15 MIN INTERVAL BETWEEN DEPARTING A/C)	MAIQUETIA

## Contingency Route Structure for Traffic via the Barranquilla/Bogota FIR through Maiquetia FIR Destined to Airports within the Curacao FIR

DEPARTURE AIRPORT	CONTINGENCY / AVAILABLE ROUTES (CR/s)	FIRs (ATS UNITS) INVOLVED
Beatrix Intl, Aruba	CR 13: A574 GILGA DCT ABA VOR (A/C TO ENTER THE CURACAO AIRSPACE AT FL070) 20 MIN INTERVAL BETWEEN A/C. – ESTABLISH COMMUNICATION WITH BEATRIX APP. AT LEAST 50 NM BEFORE ABA VOR.	MAIQUETIA

**NETH ANTILLES**  
**NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Contingency Route Structure for Traffic via the Barranquilla/Bogota FIR through Maiquetia  
 FIR Destined to Airports within the Curacao FIR (continued)**

DEPARTURE AIRPORT	CONTINGENCY / AVAILA- BLE ROUTES (CR/s)	FIRs (ATS UNITS) INVOLVED
	ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO EN- TERING THE DESTINATION CTR OR ATZ.	
Willemstad/Hato Intl, Curacao I	CR 14: A574 GILGA ABA VOR APPLY DCR2. (A/C TO ENTER THE CURACAO AIRSPACE AT FL070)  20 MIN. INTERVAL BETWEEN A/C.  – ESTABLISH COMMUNICA- TION WITH BEATRIX APP. AT LEAST 50 NM BEFORE ABA VOR.  ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO EN- TERING THE DESTINATION CTR OR ATZ.  “PILOTS SHALL ADHERE TO PROCEDURES ESTABLISH- ED FOR INTERISLAND TRAF- FIC BETWEEN THE AIR- PORTS IN THE CURACAO FIR”	MAIQUETIA
Flamingo (Kralendijk), Bonaire I	CR 15: A574 GILGA ABA APPLY DCR2 FOLLOWED BY DCR3	MAIQUETIA



**NETH ANTILLES**  
**NETH ANTILLES - ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

**Contingency Route Structure for Traffic via the Barranquilla/Bogota FIR through Maiquetia  
 FIR Destined to Airports within the Curacao FIR (continued)**

DEPARTURE AIRPORT	CONTINGENCY / AVAILABLE ROUTES (CR/s)	FIRs (ATS UNITS) INVOLVED
	<p>– ESTABLISH COMMUNICATION WITH BEATRIX APP. AT LEAST 50 NM BEFORE ABA VOR.</p> <p>(A/C TO ENTER THE CURACAO AIRSPACE AT FL70) 20 MIN. INTERVAL BETWEEN A/C.</p> <p>ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO ENTERING THE DESTINATION CTR OR ATZ.</p> <p>“PILOTS SHALL ADHERE TO PROCEDURES ESTABLISHED FOR INTERISLAND TRAFFIC BETWEEN THE AIRPORTS IN THE CURACAO FIR”</p>	

**Domestic Contingency Route (DCR) Structure for Interisland IFR Traffic from Airports within the Curacao FIR**

DEPARTURE AIRPORT	DESTINATION AIRPORT	
Willemstad/Hato Intl, Curacao I	Beatrix Intl, Aruba	Apply DCR 1.
Beatrix Intl, Aruba	Willemstad/Hato Intl, Curacao I	Apply DCR 2.
Willemstad/Hato Intl, Curacao I	Flamingo (Kralendijk), Bonaire I	Apply DCR 3.
Flamingo (Kralendijk), Bonaire I	Willemstad/Hato Intl, Curacao I	Apply DCR 4.
Beatrix Intl, Aruba	Flamingo (Kralendijk), Bonaire I	Apply DCR 2 + DCR 3.
Flamingo (Kralendijk), Bonaire I	Beatrix Intl, Aruba	Apply DCR 4 + DCR 1.

The Domestic Contingency Route Structures (DCR) are defined as follows:

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- DCR 1: A/C TO CLIMB TO FL040 WHILE INTERCEPTING R315 PJG VOR UNTIL 15 NM OUT. FLY PARALLEL TO THE A574 UNTIL INTERCEPTING R100 ABA VOR. ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO ENTERING THE DESTINATION CTR OR ATZ.
- DCR 2: A/C TO CLIMB TO FL050 WHILE INTERCEPTING R135 ABA VOR UNTIL 15 NM OUT FLY PARALLEL TO THE A574 UNTIL INTERCEPTING R280 PJG VOR. ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO ENTERING THE DESTINATION CTR OR ATZ.
- DCR 3: A/C TO CLIMB TO FL050 WHILE INTERCEPTING R120 PJG VOR. CONTINUE ON R120 UNTIL INTERCEPTING QDM 070 PJB NDB. ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO ENTERING THE DESTINATION CTR OR ATZ.
- DCR 4: A/C AFTER DEPARTURE TURN LEFT WHILE CLIMBING TO FL60 SO AS TO REMAIN EAST OF QDR 360 PJB NDB, UNTIL INTERCEPTING R085 PJG VOR INBOUND. IF TND-6 IS ACTIVE A/C ARE EXPECTED TO REMAIN CLEAR OF THIS DANGER AREA. ENTRY CLEARANCE MUST BE OBTAINED PRIOR TO ENTERING THE DESTINATION CTR OR ATZ.

## US CAR TERRITORIES ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

### GENERAL

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with the Standards, Recommended Practices and Procedures contained in ICAO Annexes and Documents.

Flights shall operate in accordance with the provisions of Annex 2, and the procedures detailed in ICAO Annexes and Documents shall apply except over United States Territories, Federal Aviation Regulations control procedures and definitions apply.

### UNITED STATES TERRITORIES WITHIN THE CARIBBEAN ICAO REGION.

- Puerto Rico (San Juan FIR)
- Virgin Is (San Juan FIR)

### EMERGENCY

#### SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES

The following procedures are provided for guidance only. Although all possible contingencies cannot be covered, they provide for cases of inability to maintain the assigned level due to weather, aircraft performance and pressurization failure. They are applicable primarily when rapid descent, turn-back, or both, are required. The pilot's judgement shall determine the sequence of actions taken, having regard to the specific circumstances.

A pilot in any distress or urgency condition should climb, if possible, for improved communications, and better radar and direction finding detection. However, it must be understood that unauthorized climb or descent under IFR conditions within controlled airspace is prohibited, except as permitted by FAR 91.3(b) (in an emergency the pilot-in-command may deviate from any rule to the extent required to meet that emergency).

If the emergency authority of 14 CFR Section 91.3(b) is used to deviate from the provisions of an air traffic control clearance, the pilot in command must notify ATC as soon as possible and obtain an amended clearance.

#### Intercept and Escort

If specifically requested by a pilot in difficulty or if a distress condition is declared, Search and Rescue (SAR) coordinators will take steps to intercept and escort an aircraft. Steps may be initiated for intercept and escort if an urgency condition is declared and unusual circumstances make such action advisable.

It is the pilot's prerogative to refuse intercept and escort service. Escort services will normally be provided to the nearest adequate airport. Should the pilot receiving escort services continue on to another location after reaching a safe airport, or decide not to divert to the nearest safe airport, the escort aircraft is not obligated to continue and further escort is discretionary.

#### Explosives Detection (Dog Handler Teams)

A program has been established by the Federal Aviation Administration (FAA) to make available an explosives detection dog/handler team at San Juan, Puerto Rico (Luis Munoz Marin Intl). This

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team was established so that aircraft can be searched if a bomb threat is received. If this service is desired, notify your company or an FAA facility.

If due to weather or other considerations an aircraft with a suspected hidden explosive problem were to land or intending to land at an airport other than Luis Munoz Marin Intl, it is recommended to call the FAA's Washington Operations Center (telephone 202-426-3333) or have an air traffic facility contact the above center requesting assistance.

## UNLAWFUL INTERFERENCE

### SPECIAL EMERGENCIES (AIR PIRACY)

A special emergency is a condition of air piracy, or other hostile act by person(s) aboard an aircraft, which threatens the safety of the aircraft or its passengers.

The pilot of an aircraft reporting a special emergency condition should:

- a. If circumstances permit, apply distress or urgency radio-telephony procedures. Include the details of the special emergency.
- b. If circumstances do not permit the use of prescribed distress or urgency procedures, transmit on the air-ground frequency in use at the time as many as possible of the following elements spoken distinctly and in the following order:
  1. Name of the station addressed (time and circumstances permitting);
  2. The identification of the aircraft and present position;
  3. The nature of the special emergency condition and pilot intentions (circumstances permitting);
  4. If unable to provide this information, use code words and/or transponder as follows:
    - *Spoken Words* — “TRANSPONDER SEVEN FIVE ZERO ZERO”. *Meaning* — “Am being hijacked/forced to a new destination”;
    - *Transponder Setting* — Mode 3/A, Code 7500.

If it is possible to do so without jeopardizing the safety of the flight, the pilot of a hijacked passenger aircraft, after departing from the cleared routing over which the aircraft was operating, will attempt to do one or more of the following, insofar as circumstances may permit:

- a. Maintain a true airspeed of no more than 400 kt, and preferably an altitude between 10,000 ft and 25,000 ft.
- b. Fly a course toward the destination which the hijacker has announced.

If these procedures result in either radio contact or an air intercept, the pilot will attempt to comply with any instructions received which may direct him to an appropriate landing field.

## COMMUNICATIONS FAILURE

Unless otherwise authorized by ATC, each pilot who has two-way communications failure when operating under IFR shall comply with the following conditions.

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**US CAR TERRITORIES**  
**ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

If the failure occurs in IFR conditions, or if VFR conditions cannot be complied with, the pilot shall continue the flight according to the following requirements.

### **ROUTE REQUIREMENTS**

- a. By the route assigned in the last ATC clearance received;
- b. If being radar vectored, by the direct route from the point of radio failure to the fix, route, or airway specified in the vector clearance;
- c. In the absence of an assigned route, by the route that ATC has advised may be expected in a further clearance; or
- d. In the absence of an assigned route or a route that ATC has advised may be expected in a further clearance, by the route filed in the flight plan.

### **ALTITUDE REQUIREMENTS**

At the highest of the following altitudes or flight levels for the route segment being flown:

- a. The altitude or flight level assigned in the last ATC clearance received;
- b. The minimum altitude (converted, if appropriate, to the minimum flight level) for IFR operations; or
- c. The altitude or flight level ATC has advised may be expected in a further clearance.

### **TRANSPONDER OPERATION**

If an aircraft with a coded radar beacon transponder experiences a loss of two-way radio capability, the pilot should adjust the transponder to reply on Mode 3/A, Code 7600.

The pilot should understand that the aircraft may not be in an area of radar coverage.



# Emergency

## Emergency Procedures - South America

# SOUTH AMERICA SEARCH AND RESCUE FACILITIES

## SOUTH AMERICA REGION





# Emergency

State Rules and Procedures - South  
America



**COLOMBIA**
**ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

## GENERAL

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with ICAO Standards, Recommended Practices and Procedures.

## EMERGENCY

### BOMB THREATS

When a bomb threat is received, and if time permits, an evaluation of the situation will be made and an alarm classified as — **CONDITION GREEN** or **CONDITION RED** will be issued.

**CONDITION GREEN** — The estimated risk is low, as the threat is considered to be a prank. Normally the aircrew will not be informed of alarms classified Condition Green.

**CONDITION RED** — The immediate implementation of alarm procedures for a bomb on board an aircraft. In this case the code used is “**BRAVO WHISKEY**” in lieu of Bomb Alarm on communication channels to avoid inappropriate revelations.

## COMMUNICATIONS FAILURE

### PARTIAL OR TOTAL COMMUNICATIONS FAILURE CONTINGENCY PLAN IN BOGOTA CONTROL CENTER

In case of partial or total failure of air traffic control frequencies assigned to different sectors established in the Bogotá control center, proceed as follows:

#### Partial Failure

Steps to be taken by crew:

#### *Aircraft Operation Inside Bogota TMA*

- a. Will attempt to contact with the alternate frequency assigned to each sector according to the following table. If contact cannot be established, crew will attempt to contact with the adjacent sector's frequencies:

SECTOR	FREQUENCY	ALTERNATE FREQUENCY
NORTH SECTOR	121.30 MHz	120.30 MHz
ARRIVALS SOUTH SECTOR	119.65 MHz	120.65 MHz
DEPARTURE SECTOR	119.95 MHz	120.95 MHz
CENTRAL SECTOR	119.50 MHz	119.05 MHz
“NW” AREA SECTOR	123.70 MHz	125.90 MHz
“SW” AREA SECTOR	125.10 MHz	128.80 MHz
“NE” AREA SECTOR	128.60 MHz	123.70 MHz

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SECTOR	FREQUENCY	ALTERNATE FREQUENCY
“SE” AREA SECTOR	128.80 MHz	125.10 MHz
BOGOTA INFORMATION	126.90 MHz	Aircraft flying to N of BOG VOR 121.3 MHz (Sector N)  Aircraft flying to S of BOG VOR 119.95 MHz (Sector S)
EMERGENCY FREQUENCY	121.50 MHz	NOT AVAILABLE

- b. If contact cannot be established, the crew will make self-announcements in the corresponding sector frequency and/or frequency AIR-AIR (123.45 MHz), reporting its position, flight level, next reporting point and intentions.
- c. If it is operationally possible, call via telephone from the aircraft to the number of the sector in which it is flying or to the number of the adjacent sectors according to the following table.

SECTOR	TELEPHONE	SECTOR	TELEPHONE
“NW”	057 (1) 4135300	“NE”	057 (1) 4135302
“SW”	057 (1) 4135404	“SE”	057 (1) 4135305
SOUTH ARRIVALS	057 (1) 4135311		057 (1) 2962921
ACC SUPERVISOR	057 (1) 2962802	ACC SUPERVISOR	057 (1) 2962921

- d. Will comply with restrictions on crossing points specified in SID's procedures assigned when appropriate.
- e. Will comply the restrictions on crossing points specified in the STAR's procedures assigned when appropriate.
- f. Will complete its flight according to flight plan updated for the latest instructions received and read back that have been supplied by the air traffic control.
- g. Will re-take own navigation and will remain above the minimum altitudes vectoring published, if it was under vectorization at the moment when the failure occurred.

***Aircraft Operation on Upper Level UTAs “NE”, “SE”, “NW” and “SW”***

- a. Will attempt to contact the alternate frequency published for each sector according to paragraph a.
- b. If contact cannot be established, the aircraft will make self-announcements in the sector frequency and/or frequency AIR-AIR (123.45 MHz), reporting its position, flight level, next reporting point and intentions.
- c. If it is operationally possible, call via telephone from the aircraft to the number of the sector in which it is flying or to the number of adjacent sectors according to the table in paragraph c.

## COLOMBIA

## ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

**Total Failure**

If the communications failure on Bogotá's control center is TOTAL, crew will keep with their current flight plan.

**UNLAWFUL INTERFERENCE**

Messages and signals to be used in the event of Unlawful Interference (hijacking).

- a. The flight is being hijacked — TRANSPONDER CODE 7500;
- b. The present situation is desperate — TRANSPONDER CODE 7700;
- c. A desperate situation requiring action — the flaps remain down after landing.
- d. No intervention required — Retract the flaps after landing.

**NOTE:**

- a. *If a flight without radio contact with ATC uses transponder code 7700 after using code 7500, ATC will assume that the flight has experienced another in-flight emergency besides being hijacked, and will implement necessary procedures for both situations.*
- b. *When in areas where the transponder is not functional, the pilot must transmit via VHF or HF, "TRANSPONDER 7500" or "TRANSPONDER 7700". In addition, for communications on company frequencies transponder codes should be used in lieu of the word "HIJACKING" to avoid inconvenient revelations.*

**PROCEDURES IN CASE OF INTERCEPTION**

In case of aircraft interception, the following visual signals and procedures apply over the territory and waters under the jurisdiction of Colombia:

- a. An aircraft that is intercepted by another aircraft (interceptor) should proceed in the following manner:
  1. It should immediately follow the instructions from the interceptor aircraft, interpreting and responding to visual signals in accordance with the manual or materials that the aircraft owner or entity that owns the aircraft has placed in the cockpit.
  2. Notify immediately, if possible, ATS services.
  3. Try immediately to establish radio communication with the interceptor aircraft or with the appropriate interception control unit by making a general emergency call on frequency 121.5 MHz, indicating the identity and position of the aircraft and type of flight.
  4. If the aircraft is equipped with SSR transponder, select code 7700 immediately, MODE A, unless ATS has determined otherwise.

*NOTE: If received instructions from any authority via radio conflicts with the instructions given by the interceptor aircraft, by means of visual signals or radio communications, the intercepted aircraft shall request clarification, while complying with the instructions either visual or by radio received from the interceptor aircraft.*

## COLOMBIA

## ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

- b. If an aircraft has landed either on a legal or illegal runway and is located by an aircraft of the FAC (Colombian Air Force), proceed as follows:
1. When the FAC (Colombian Air Force) aircraft passes over the airport twice following the runway bearings, at night the aircraft should turn all lights on and the pilot in command should establish immediate radio communication with the FAC (Colombian Air Force) aircraft, by calling:
    - (a) The controlled airport frequency,
    - (b) The non-controlled airport frequency on 122.9 MHz, or
    - (c) The emergency frequency 121.5 MHz; indicating the identity, name of the pilot in command, last flight plan filed, current conditions and intentions.
  2. If the aircraft has the engine(s) on, the pilot in command should proceed to shut them down and stop the aircraft either on the runway or at the parking area, remaining visible at all times.
  3. If the communication equipment on board the aircraft is out of service for any reason, the ground crew should use ground-to-air signals provided in the SAR AGREEMENT.
  4. The crew should follow the instructions given by the interceptor aircraft and wait for the authorities to arrive.
  5. If the crew of the aircraft on the ground does not follow the above instructions, the aircraft shall be subject to the use of force by the FAC (Colombian Air Force).

**DESCRIPTIONS OF THE MOTIVES UNDER WHICH FAC (COLOMBIAN AIR FORCE) SHALL IMMOBILIZE OR NEUTRALIZE AN AIRCRAFT**

**Permission** — Authorization to allow the intercepted aircraft to continue its route according to the flight plan once the situation has been clarified or authorization to continue its flight once the intercepted aircraft has been directed out of a restricted or prohibited area.

**Surrender** — Event in which the intercepted aircraft follows orders thereby suppressing the use of weapons and instructions are given to the intercepted aircraft to head to the nearest Air Unit or airfield controlled by the Ground Forces.

**Immobilization** — The action which prevents the mobilization of an aircraft after landing until the competent judicial authority arrives, is briefed on the facts, and assumes control.

**Disabling** — The objective of the action by the FAC (Colombian Air Force) is primarily to disable the aircraft.

**Neutralization** — Action to prevent a violation by a **hostile aircraft** and to meet the threat posed by the violation of the Air State. The neutralization ranges from diversion and immobilization to disablement of the hostile aircraft either in-flight or on the ground. Such order is issued by the Air Force Commander once the procedure is completed.

**Hostile Aircraft (TH)** — The registration of the violation of the national airspace by an aircraft with allegedly unlawful purposes or the indication of a threat by an aircraft against vital centers of

**COLOMBIA**  
**ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

the Nation, population, resources and Security Forces. This situation requires the application of force to minimize or avoid the enemy's purpose.

In the same way, the failure of the hostile aircraft to follow the instructions from FAC (Colombian Air Force). Once all dissuasive measures have been exhausted and the use of force shall be required, there must be prior authorization from the Colombian Air Force (FAC) Commander.

The following actions shall be considered hostile:

- a. A foreign military aircraft entering Colombian airspace without authorization.
- b. An aircraft entering a Prohibited Area without authorization.
- c. A non-identified aircraft flying below 3000 feet within 40 NM radius of radar installation and/or Military Unit.
- d. An aircraft once intercepted which does not follow the interceptor's instructions or shows an evasive attitude of aggression or attack.
- e. An aircraft landed at an illegal airport without authorization from the Unidad Administrativa Especial de la Aeronautica Civil (U.A.E.A.C.).
- f. An aircraft on night operation from non authorized runways or without a flight plan.
- g. An aircraft once intercepted that is throwing out objects and systematically disobeys the instructions of the interceptor aircraft.
- h. An aircraft overflying any military installation without authorization and at or below 3000 feet.

In an emergency situation due to unlawful interference (hijacking) or due to technical reasons, no statement from the pilot of the intercepted aircraft will be accepted after the interception takes place with the intention of avoiding to comply with the instructions of the interceptor aircraft, when the situation has not yet been reported to the appropriate ATS unit in due course and prior to the interception.

## GUYANA

## ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES

**GENERAL**

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with ICAO Standards, Recommended Practices and Procedures.

**EMERGENCY****SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES****General Procedures Applicable to Subsonic Aircraft**

If an aircraft is unable to continue flight in accordance with its ATC clearance, a revised clearance shall, whenever possible, be obtained prior to initiating any action, using the RTF distress or urgency signal as appropriate.

If prior clearance cannot be obtained, an ATC clearance shall be obtained at the earliest possible time, and, in the meantime, the aircraft shall broadcast its position (including the ATS route designator) and intentions, on frequency 121.5 MHz at suitable intervals until ATC clearance is received.

PARAGUAY  
ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**GENERAL**

In general, the Emergency, Unlawful Interference, Communications Failure, Interception and Search and Rescue procedures are in conformity with the Standards, Recommended Practices and Procedures contained in ICAO Annexes and Documents.

**EMERGENCY****IN-FLIGHT CONTINGENCY****Lost Or Unidentified Aircraft**

*NOTE 1: The expressions aircraft "lost" and "unidentified aircraft" in this context have the following meanings:*

**Lost aircraft:** Any aircraft which has deviated significantly from the planned course, or reported unknown position.

**Unidentified aircraft:** An aircraft which has been observed, or with respect to which it has been notified that it flies in a given area but whose identity has not yet been established.

*NOTE 2: An aircraft may be considered "lost aircraft" by one unit and simultaneously as an "unidentified aircraft" by another unit.*

As soon as an air traffic service unit becomes aware of a lost aircraft, shall take all necessary measures to assist and protect the aircraft and its flight.

*NOTE: It is particularly important that navigation assistance is provided by any air traffic services unit that becomes aware that an aircraft is lost, or is about to get lost, in an area that is at risk of being intercepted or other hazards to its safety.*

If the aircraft position is unknown, the air traffic service unit shall:

- try to establish, unless it has already established, two-way communication with the aircraft.
- use all available means to determine its position;
- inform other ATS units of the areas in where the aircraft is lost or may be get lost, taking into consideration all factors that in such circumstances might have affected the navigation of the aircraft.
- inform, in accordance with locally agreed procedures, to the appropriate military units and shall provide them the flight plan and other relevant information of the lost aircraft.
- request to the units referred in c) and d) and other aircraft in-flight all the assistance they can provide to establish communication with the aircraft and determine its position.

*NOTE: The requirements in d) and e) apply also to the ATS units that have been informed in accordance with paragraph c).*

When the position of the aircraft has been established, the air traffic service unit shall:

- notify the aircraft of its position and the corrective action to be taken; and

**PARAGUAY**  
**ICAO DIFFERENCES OR STATE SPECIAL PROCEDURES**

- b. provide to other ATS units and appropriate military units, when necessary, the relevant information pertaining to the lost aircraft and the advice provided.

As soon as an air traffic services units is aware of the presence of an unidentified aircraft in its area, shall make every effort to establish the identity of the aircraft, whenever necessary to provide air traffic services or required by the appropriate military authorities, in accordance with the locally agreed procedures. For this purpose, the air traffic control unit shall take of the following measures, those considered appropriate to the case:

- a. shall establish two-way communication with the aircraft;
- b. shall ask other air traffic control units in the FIR about the flight and request their assistance to establish two-way communication with the aircraft;
- c. shall inquire to the air traffic services of the adjacent FIR about this flight and request their collaboration to establish two-way communication with the aircraft.
- d. shall attempt to obtain information from other aircraft that are in the same area.

As soon as the identity of the aircraft has been established, the Air Traffic services unit shall notify, if necessary to the appropriate military unit.

*NOTE: In DINAC R11 2.17 are the requirements for the coordination between the military authorities and air traffic services.*

If the DINAC ATS unit considers that the lost or unidentified aircraft may be subjected to unlawful interference, shall immediately inform the DINAC ATS authority according the local agreed procedures.





# Airport Directory



# Airport Directory

Airport Decode Listings - Latin  
America

**LATIN AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

<b>A</b>		BRX	Barahona (Maria Montez Intl), Dom Rep	
ACA	Acapulco (Gen Juan N Alvarez Intl), Mexico	BWW	Cayo Las Brujas (Las Brujas), Cuba	
ACN	Ciudad Acuna (Ciudad Acuna Intl), Mexico	BYM	Bayamo (Carlos M de Cespedes), Cuba	
AGU	Aguascalientes (Jesus Teran Intl), Mexico	BZE	Belize City (Philip S W Goldson Intl), Belize	
ANU	St Johns (V C Bird Intl), Antigua	<b>C</b>		
ARE	Arecibo (Antonio/Nery/Juarbe Pol), Puerto Rico		CAA	Catacamas, Honduras
ASD	Andros I (Fresh Creek), Bahamas		CAP	Cap Haitien (Cap Haitien Intl), Haiti
ATC	Cat Island (Arthur's Town), Bahamas		CBJ	Cabo Rojo, Dom Rep
AUA	Aruba Island (Reina Beatrix Intl), Aruba		CCC	Cayo Coco (Jardines del Rey Intl), Cuba
AXA	The Valley (Clayton J. Lloyd Intl), Anguilla		CCZ	Chub Cay (Chub Cay Intl), Bahamas
AZG	Apatzingan (Pablo L Sidar), Mexico		CEN	Ciudad Obregon (Ciudad Obregon Intl), Mexico
AZS	Samana (El Catey Intl), Dom Rep		CFG	Cienfuegos (Jaime Gonzalez Intl), Cuba
<b>B</b>		CHX	Changuinola (Cap. Manuel Nino), Panama	
BAI	Buenos Aires (Buenos Aires De Osa), Costa Rica	CJS	Ciudad Juarez (Abraham Gonzalez Intl), Mexico	
BBQ	Barbuda (Codrington), Antigua	CLQ	Colima, Mexico	
BBR	Basse-Terre (Baillif), Guadeloupe	CME	Ciudad Del Carmen (Ciudad Del Carmen Intl), Mexico	
BCA	Baracoa (Gustavo Rizo), Cuba	CMW	Camaguey (Ignacio Agramonte Intl), Cuba	
BGI	Bridgetown (Grantley Adams Intl), Barbados	COX	Andros I (Congo Town), Bahamas	
BJX	Leon (De Guanajuato Intl), Mexico	COZ	Constanza, Dom Rep	
BLB	Balboa (Panama Pacifico), Panama	CPE	Campeche (Alberto Acuna Ongay), Mexico	
BOC	Bocas Del Toro (Jose Ezequiel Hall), Panama	CPX	Isla De Culebra (Benjamin Rivera Noriega), Puerto Rico	
BON	Kralendijk (Flamingo Intl), Neth Antilles	CRI	Crooked I (Colonel Hill), Bahamas	
BQN	Aguadilla (Rafael Hernandez), Puerto Rico			

**LATIN AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

CTD	Chitre (Alonso Valderrama), Panama	ESE	Ensenada (Gen Div P A A L Salinas Carranza), Mexico
CTM	Chetumal (Chetumal Intl), Mexico		
CUA	Ciudad Constitucion, Mexico	EUX	St Eustatius I (F.D. Roosevelt), Neth Antilles
CUL	Culiacan (Culiacan Intl), Mexico		
CUN	Cancun (Cancun Intl), Mexico	<b>F</b>	
CUU	Chihuahua (Gen Div P A Roberto Fierro Villalobos Intl), Mexico	FAJ	Fajardo (Diego Jimenez Torres), Puerto Rico
CVJ	Cuernavaca (Gen Mariano Matamoros), Mexico	FDF	Martinique (Aime Cesaire), Martinique
CVM	Ciudad Victoria (Gen Pedro Jose Mendez Intl), Mexico	FPO	Freeport (Grand Bahama Intl), Bahamas
CYO	Cayo Largo Del Sur (Vilo Acuna Intl), Cuba	FRS	Flores (Mundo Maya), Guatemala
CYW	Celaya, Mexico	<b>G</b>	
CZA	Chichen-Itza (Chichen-Itza Intl), Mexico	GAO	Guantanamo (Mariana Grajales), Cuba
CZM	Cozumel (Cozumel Intl), Mexico	GBJ	Grand-Bourg (Marie Galante), Guadeloupe
<b>D</b>		GCM	Grand Cayman (Roberts Intl), Cayman Is
DAV	David (Enrique Malek Intl), Panama	GDL	Guadalajara (Miguel Hidalgo Y Costilla Intl), Mexico
DCF	Roseau (Canefield Intl), Dominica	GDT	Grand Turk I. (Jags McCartney Intl), Turks Is
DCT	Ragged Island (Duncan Town), Bahamas		
DGO	Durango (Durango Intl), Mexico	GER	Nueva Gerona (Rafael Cabrera), Cuba
DOM	Roseau (Douglas Charles Intl), Dominica	GGT	Exuma (Exuma Intl), Bahamas
<b>E</b>		GHB	Eleuthera I (Governors Harbour), Bahamas
EIS	Roadtown (Terrance B Lettsome Intl), Br Virgin Is	GHC	Berry I (Great Harbour), Bahamas
ELH	Eleuthera (North Eleuthera), Bahamas	GJA	Guanaja (La Laguna), Honduras
		GLF	Golfito, Costa Rica
EPS	El Portillo, Dom Rep	GND	St Georges (Maurice Bishop Intl), Grenada
		GPL	Guapiles, Costa Rica

**LATIN AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

GUA	Guatemala City (La Aurora Intl), Guatemala	LIR	Liberia (Daniel Oduber Quiros Intl), Costa Rica
GUB	Guerrero Negro, Mexico	LMM	Los Mochis (Valle Del Fuerte International), Mexico
GYM	Guaymas (Gen Jose Ma Yanez Intl), Mexico	LOV	Monclova (Monclova Intl), Mexico
<b>H</b>		LRM	La Romana (Casa De Campo Intl), Dom Rep
HAV	Havana (Jose Marti Intl), Cuba	LSL	Los Chiles, Costa Rica
HMO	Hermosillo (Gen Ignacio Pesqueira Garcia Intl), Mexico	LSS	Terre De Haut (Les Saintes), Guadeloupe
HOG	Holguin (Frank Pais Intl), Cuba	LTO	Loreto (Loreto Intl), Mexico
HUX	Bahias De Huatulco (Bahias De Huatulco Intl), Mexico	LZC	Lazaro Cardenas, Mexico
<b>I</b>		<b>M</b>	
IGA	Great Inagua I (Inagua), Bahamas	MAM	Matamoros (Gen Servando Canales Intl), Mexico
ISJ	Isla Mujeres, Mexico	MAZ	Mayaguez (Eugenio Maria De Hostos), Puerto Rico
<b>J</b>		MBJ	Montego Bay (Sangster Intl), Jamaica
JAK	Jacmel, Haiti	MEX	Mexico City (Benito Juarez Intl), Mexico
JAL	Jalapa (Lencero), Mexico	MHH	Abaco I (Leonard M. Thompson Intl), Bahamas
JEE	Jeremie, Haiti	MID	Merida (Merida Intl), Mexico
JQE	Darien (Jaque), Panama	MLM	Morelia (Gen Francisco J Mujica Intl), Mexico
<b>K</b>		MOA	MOA (Orestes Acosta), Cuba
KIN	Kingston (Norman Manley Intl), Jamaica	MTT	Minatitlan (Minatitlan Intl), Mexico
<b>L</b>		MTY	Monterrey (Gen Mariano Escobedo Intl), Mexico
LAP	La Paz (Gen Manuel Marquez De Leon), Mexico	MXL	Mexicali (Gen Rodolfo Sanchez Taboada Intl), Mexico
LCE	La Ceiba (Goloson Intl), Honduras	MYG	Mayaguana, Bahamas
LEZ	La Esperanza, Honduras		
LGI	Long I (Deadmans Cay), Bahamas		

**LATIN AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

MZO	Manzanillo (Sierra Maestra), Cuba	PMZ	Palmar Sur, Costa Rica
MZT	Mazatlan (Gen Rafael Buelna Intl), Mexico	PON	Poptun, Guatemala
		POP	Puerto Plata (Gregorio Luperon Intl), Dom Rep
<b>N</b>		POS	Port Of Spain (Piarco Intl), Trinidad
NAS	Nassau (Lynden Pindling Intl), Bahamas	PPE	Puerto Penasco (Del Mar de Cortes Intl), Mexico
NEG	Negril, Jamaica	PQM	Palenque (Aeropuerto de Palenque), Mexico
NEV	Nevis I. (Vance Winkworth Amory Intl), Nevis Is	PSE	Ponce (Mercedita), Puerto Rico
NGD	Anegada (Auguste George), Br Virgin Is	PTP	Pointe-A-Pitre (Le Raizet), Guadeloupe
NLD	Nuevo Laredo (Quetzalcoatl Intl), Mexico	PTY	Panama City (Tocumen Intl), Panama
NOB	Nosara, Costa Rica	PUJ	Higüey (Punta Cana Intl), Dom Rep
NOG	Nogales (Nogales Intl), Mexico	PVR	Puerto Vallarta (Lic Gustavo Diaz Ordaz Intl), Mexico
NTR	Monterrey (Del Norte Intl), Mexico	PXM	Puerto Escondido (Puerto Escondido Intl), Mexico
<b>O</b>		<b>Q</b>	
OAX	Oaxaca (Xoxocotlan Intl), Mexico	QRO	Queretaro (Queretaro Intl), Mexico
OCJ	Ocho Rios (Boscobel), Jamaica		
ONX	Colon (Enrique A Jimenez), Panama	<b>R</b>	
<b>P</b>		RCY	Rum Cay (New Port Nelson), Bahamas
PAP	Port-Au-Prince (Toussaint Louverture Intl), Haiti	REX	Reynosa (Gen Lucio Blanco Intl), Mexico
PAX	Port De Paix, Haiti	RIK	Carrillo, Costa Rica
PAZ	Pozza Rica (Tajin), Mexico	RSD	Rock Sound, Bahamas
PBC	Puebla (Hermanos Serdan Intl), Mexico	RTB	Roatan (Juan Manuel Galvez Intl), Honduras
PBR	Puerto Barrios, Guatemala		
PCO	Punta Colorada, Mexico		
PDS	Piedras Negras (Piedras Negras Intl), Mexico		
PEU	Puerto Lempira, Honduras		

**LATIN AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

<b>S</b>		STX	St Croix I (Henry E Rohlsen), Virgin Islands
SAL	San Salvador (El Salvador Intl, ST Oscar Romero y Galdamez), El Salvador	SVD	Kingstown (Argyle Intl), St Vincent
SAP	San Pedro Sula (Ramon Villeda Morales Intl), Honduras	SXM	St Maarten I (Princess Juliana Intl), Neth Antilles
SAQ	Andros I (San Andros), Bahamas	<b>T</b>	
SCU	Santiago De Cuba (Antonio Maceo Intl), Cuba	TAB	Scarborough (Robinson Intl), Tobago Is
SDQ	Santo Domingo (Las Americas Intl), Dom Rep	TAM	Tampico (Gen Francisco Javier Mina Intl), Mexico
SFH	San Felipe (San Felipe Intl), Mexico	TAP	Tapachula (Tapachula Intl), Mexico
SIG	San Juan (Fernando Luis Ribas Dominicci), Puerto Rico	TBI	Cat Island (New Bight), Bahamas
SJD	San Jose Del Cabo (Los Cabos Intl), Mexico	TCB	Abaco I (Treasure Cay), Bahamas
SJO	San Jose (Juan Santamaria Intl), Costa Rica	TEA	Tela, Honduras
SJU	San Juan (Luis Munoz Marin Intl), Puerto Rico	TGU	Tegucigalpa (Toncontin Intl), Honduras
SKB	St Kitts I. (Bradshaw Intl), St Kitts	TGZ	Tuxtla Gutierrez (Angel Albino Corzo), Mexico
SLP	San Luis Potosi (Ponciano Arriaga Intl), Mexico	TIJ	Tijuana (Gen Abelardo L Rodriguez Intl), Mexico
SLU	Castries (George F. Charles), St Lucia	TLC	Toluca (Lic Adolfo Lopez Mateos Intl), Mexico
SLW	Saltillo (Plan De Guadalupe Intl), Mexico	TOO	San Vito De Jaba, Costa Rica
SLX	Salt Cay, Turks Is	TPQ	Tepic, Mexico
SML	Long I (Stella Maris), Bahamas	TRC	Torreon (Torreon Intl), Mexico
SMR	Santa Marta (Simon Bolivar Intl), Colombia	TSL	Tamuin, Mexico
SNU	Santa Clara (Abel Santamaria Intl), Cuba	TYM	Staniel Cay, Bahamas
STI	Santiago (Cibao Intl), Dom Rep	<b>U</b>	
		UNI	Union I. (Union I. Intl), St Vincent
		UPN	Uruapan (Lic and Gen Ignacio Lopez Rayon), Mexico
		UVF	Vieuxfort (Hewanorra Intl), St Lucia

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**LATIN AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

**V**

VER Veracruz (Gen Heriberto Jara Intl), Mexico

VQS Isla De Vieques (Antonio Rivera Rodriguez), Puerto Rico

VRA Varadero (Juan G. Gomez Intl), Cuba

VSA Villahermosa (C P A Carlos Rovirosa Intl), Mexico

VTU Las Tunas (Hermanos Ameijeiras), Cuba

**Z**

ZCL Zacatecas (Gen Leobardo C Ruiz Intl), Mexico

ZIH Ixtapa-Zihuatanejo (Ixtapa-Zihuatanejo Intl), Mexico

ZLO Manzanillo (Playa De Oro Intl), Mexico

ZMM Zamora, Mexico

ZSA San Salvador (San Salvador Intl), Bahamas

**Y**

YAS Abaco I (Sandy Point), Bahamas



**LATIN AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

<b>KZ</b>	<b>FIR/UIR</b>	MDDJ	Dajabon	MGRT	Retalhuleu
KZAB	Albuquerque FIR	MDJB	Santo Domingo/El Higuero (El Higuero Intl)	MGSJ	Puerto San Jose (San Jose)
KZAB	Albuquerque UIR				
KZHU	Houston FIR	MDLL	San Pedro de Macoris (Los Llanos de Sabanatosa)	<b>MH</b>	<b>FIR/UIR</b>
KZHU	Houston UIR			MHCC	Central American FIR/UIR
KZLA	Los Angeles FIR				
KZLA	Los Angeles UIR	MDLR	La Romana (Casa De Campo Intl)	<b>MH</b>	<b>Honduras</b>
KZMA	Miami FIR	MDMA	La Romana (Magdalena Cuya)	MHCA	Catacamas
KZMA	Miami Oceanic FIR			MHIC	Islas Del Cisne I. (Islas Del Cisne)
KZMA	Miami UIR	MDMC	Monte Cristi		
KZWW	New York Oceanic FIR/UIR	MDPC	Higüey (Punta Cana Intl)	MHLC	La Ceiba (Goloson Intl)
		MDPO	El Portillo	MHLE	La Esperanza
<b>MB</b>	<b>Turks Is</b>	MDPP	Puerto Plata (Gregorio Luperon Intl)	MHLM	San Pedro Sula (Ramon Villeda Morales Intl)
MBGT	Grand Turk I. (Jags McCartney Intl)				
MBSY	Salt Cay	MDSD	Santo Domingo (Las Americas Intl)	MHPL	Puerto Lempira
		MDSI	San Isidro (San Isidro AB)	MHRO	Roatan (Juan Manuel Galvez Intl)
<b>MD</b>	<b>FIR/UIR</b>	MDSP	Cueva De Las Maravillas (La Romana)	MHSC	Comayagua (Coronel Enrique Soto Cano AB)
MDCS	Santo Domingo FIR	MDST	Santiago (Cibao Intl)		
MDCS	Santo Domingo UIR			MHTE	Tela
<b>MD</b>	<b>Dominican Republic</b>	<b>MG</b>	<b>Guatemala</b>	MHTG	Tegucigalpa (Toncontin Intl)
MDAB	Arroyo Barril	MGCB	Coban		
MDAN	Angelina	MGGT	Guatemala City (La Aurora Intl)	<b>MK</b>	<b>FIR/UIR</b>
MDBC	La Romana (Batey Cacata)	MGMM	Flores (Mundo Maya)	MKJK	Kingston FIR
MDBH	Barahona (Maria Montez Intl)				
		MGPB	Puerto Barrios	<b>MK</b>	<b>Jamaica</b>
MDCR	Cabo Rojo	MGPP	Poptun	MKBS	Ocho Rios (Ian Fleming Intl)
MDCY	Samana (El Catey Intl)	MGQZ	Quetzaltenango	MKJP	Kingston (Norman Manley Intl)
MDCZ	Constanza				

**LATIN AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

MKJS	Montego Bay (Sangster Intl)	MMCE	Ciudad Del Carmen (Ciudad Del Carmen Intl)	MMGL	Guadalajara (Miguel Hidalgo Y Costilla Intl)
MKKJ	Port Antonio, Jamaica (Ken Jones)	MMCG	Nuevo Casas Grandes	MMGM	Guaymas (Gen Jose Ma Yanez Intl)
MKNG	Negril	MMCL	Culiacan (Culiacan Intl)	MMGR	Guerrero Negro
MKTP	Kingston (Tinson Pen)	MMCM	Chetumal (Chetumal Intl)	MMHC	Tehuacan
<b>MM</b>	<b>FIR/UIR</b>			MMHO	Hermosillo (Gen Ignacio Pesqueira Garcia Intl)
MMEX	Mexico FIR/UIR	MMCN	Ciudad Obregon (Ciudad Obregon Intl)	MMIA	Colima
MMFO	Mazatlan Oceanic FIR/UIR	MMCO	Comitan (Comitan (Copalar))	MMIM	Isla Mujeres
MMID	Merida FIR/UIR	MMCP	Campeche (Alberto Acuna Ongay)	MMIO	Saltillo (Plan De Guadalupe Intl)
MMTY	Monterrey FIR/UIR	MMCS	Ciudad Juarez (Abraham Gonzalez Intl)	MMIT	Ixtepec (Mil Air Base No 2 - Gen Antonio Cardenas Rodriguez)
MMZT	Mazatlan FIR/UIR			MMJA	Jalapa (Lencero)
<b>MM</b>	<b>Mexico</b>	MMCT	Chichen-Itza (Chichen-Itza Intl)	MMJC	Atizapan de Zaragoza
MMAA	Acapulco (Gen Juan N Alvarez Intl)	MMCU	Chihuahua (Gen Div P A Roberto Fierro Villalobos Intl)	MMLC	Lazaro Cardenas
MMAG	Apatzingan (Pablo L Sidar)	MMCV	Ciudad Victoria (Gen Pedro Jose Mendez Intl)	MMLM	Los Mochis (Valle Del Fuerte International)
MMAL	Agualeguas	MMCY	Celaya	MMLO	Leon (De Guanajuato Intl)
MMAN	Monterrey (Del Norte Intl)	MMCZ	Cozumel (Cozumel Intl)	MMLP	La Paz (Gen Manuel Marquez De Leon)
MMAS	Aguascalientes (Jesus Teran Intl)	MMDA	Ciudad Constitucion	MMLT	Loreto (Loreto Intl)
MMBT	Bahias De Huatulco (Bahias De Huatulco Intl)	MMDO	Durango (Durango Intl)	MMMA	Matamoros (Gen Servando Canales Intl)
MMCB	Cuernavaca (Gen Mariano Mata-moros)	MMEP	Tepic	MMMD	Merida (Merida Intl)
MMCC	Ciudad Acuna (Ciudad Acuna Intl)	MMES	Ensenada (Gen Div P A L Salinas Carranza)		

**LATIN AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

MMML	Mexicali (Gen Rodolfo Sanchez Taboada Intl)	MMPR	Puerto Vallarta (Lic Gustavo Diaz Ordaz Intl)	MMTO	Toluca (Lic Adolfo Lopez Mateos Intl)
MMMM	Morelia (Gen Francisco J Mujica Intl)	MMPS	Puerto Escondido (Puerto Escondido Intl)	MMTP	Tapachula (Tapachula Intl)
MMMT	Minatitlan (Minatitlan Intl)	MMPT	Puerto Cortes	MMTU	Tulum (Estacion Aeronaval)
MMMV	Monclova (Monclova Intl)	MMQT	Queretaro (Queretaro Intl)	MMUN	Cancun (Cancun Intl)
MMMX	Mexico City (Benito Juarez Intl)	MMRX	Reynosa (Gen Lucio Blanco Intl)	MMVA	Villahermosa (C P A Carlos Rovirosa Intl)
MMMY	Monterrey (Gen Mariano Escobedo Intl)	MMSB	San Blas	MMVR	Veracruz (Gen Heriberto Jara Intl)
MMMZ	Mazatlan (Gen Rafael Buelna Intl)	MMSD	San Jose Del Cabo (Los Cabos Intl)	MMZC	Zacatecas (Gen Leobardo C Ruiz Intl)
MMNG	Nogales (Nogales Intl)	MMSF	San Felipe (San Felipe Intl)	MMZH	Ixtapa-Zihuatanejo (Ixtapa-Zihuatanejo Intl)
MMNL	Nuevo Laredo (Quetzalcoatl Intl)	MMSL	Cabo San Lucas (Cabo San Lucas Intl)	MMZM	Zamora
MMOX	Oaxaca (Xoxocotlan Intl)	MMSP	San Luis Potosi (Ponciano Arriaga Intl)	MMZO	Manzanillo (Playa De Oro Intl)
MMPA	Poza Rica (Tajin)	MMTB	Teran (Gral de Div P A Angel H Corzo Molina)	<b>MP</b>	<b>FIR/UIR</b>
MMPB	Puebla (Hermanos Serdan Intl)	MMTC	Torreon (Torreon Intl)	MPZL	Panama FIR/UIR
MMPC	Pachuca (Ing Juan Guillermo Villasana)	MMTG	Tuxtla Gutierrez (Angel Albino Corzo)	<b>MP</b>	<b>Panama</b>
MMPE	Puerto Penasco (Del Mar de Cortes Intl)	MMTJ	Tijuana (Gen Abelardo L Rodriguez Intl)	MPBO	Bocas Del Toro (Jose Ezequiel Hall)
MMPG	Piedras Negras (Piedras Negras Intl)	MMTM	Tampico (Gen Francisco Javier Mina Intl)	MPCE	Chitre (Alonso Valderrama)
MMPL	Punta Colorada	MMTN	Tamuin	MPCH	Changuinola (Cap. Manuel Nino)
MMPN	Uruapan (Lic and Gen Ignacio Lopez Rayon)			MPCL	Calzada Larga (Cap. Alex H. Bosquez)
MMPQ	Palenque (Aeropuerto de Palenque)			MPCM	Chame (Cap. Krish E. Persaud)

**LATIN AMERICA**  
**JEPPESEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

MPCO	Veraguas (Coiba)	MPVC	Alvaro Berroa	MRQA	Florencia De San Carlos (Quebrada Azul)
MPDA	David (Enrique Malek Intl)	MPWN	Wannukandi		
MPEJ	Colon (Enrique A Jimenez)	<b>MR</b>	<b>Costa Rica</b>	MRQP	La Managua
MPFE	Pedro Gonzalez Island (Fernando Elesta)	MRAN	Arenal (La Fortuna)	MRSA	San Alberto
MPGA	Darien (Garachine)	MRBA	Buenos Aires (Buenos Aires De Osa)	MRSG	Santa Clara De Guapiles
MPJE	Darien (Jaque)	MRCH	Chacarita	MRSI	Perez Zeledon (San Isidro Del General)
MPLA	Chiriqui (Las Lajas)	MRCJ	San Isidro (Cajuela)	MRSO	Santa Maria De Guacimo
MPMF	Darien (Miraflores)	MRCR	Carrillo	MRSV	San Vito De Jaba
MPMG	Panama City (Marcos A Gelabert Intl)	MRDK	Puntarenas (Drake)	MRSX	Sixaola
MPMI	San Miguel	MRDO	Dieciocho	MRTM	Santa Cruz (Tamarindo De Santa Cruz)
MPOA	Puerto Obaldia	MREC	El Carmen	MRTR	Nicoya (Tambor)
MPPA	Balboa (Panama Pacifico)	MRGF	Golfito	MRUP	Upala
MPPD	Los Santos (Cap. Justiniano Montenegro)	MRGP	Guapiles	<b>MS</b>	<b>El Salvador</b>
MPPI	Darien (Pina)	MRIA	Nandayure (Islita)	MSCR	La Carrera
MPPN	Penonome	MRLB	Liberia (Daniel Oduber Quiros Intl)	MSLP	San Salvador (El Salvador Intl, ST Oscar Romero y Galdamez)
MPRA	Contadora Is (Raul Arias Espinoza)	MRLC	Los Chiles	MSP	El Papalon
MPRE	El Real	MRLE	Puntarenas (Laurel)	MSSS	San Salvador (Ilopango Intl)
MPSA	Santiago (Ruben Cantu)	MRLF	La Flor		
MPSB	Sambu	MRNC	Nicoya (Miguel Angel Castillo Zumbado)	<b>MT</b>	<b>FIR/UIR</b>
MPSM	Rio Hato (Cap Scarlett R Martinez L Intl)	MRNS	Nosara	MTEG	Port-Au-Prince FIR/UIR
MPTO	Panama City (Tocumen Intl)	MROC	San Jose (Juan Santamaria Intl)	<b>MT</b>	<b>Haiti</b>
		MRPJ	Puntarenas (Puerto Jimenez)	MTCH	Cap Haitien (Cap Haitien Intl)
		MRPM	Palmar Sur	MTJA	Jacmel
		MRPV	San Jose (Tobias Bolanos Intl)		

**LATIN AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

MTJE	Jeremie	MUNG	Nueva Gerona (Rafael Cabrera)	MYAT	Abaco I (Treasure Cay)
MTPP	Port-Au-Prince (Toussaint Louverture Intl)	MUPB	Caimito (Playa Baracoa)	MYBC	Chub Cay (Chub Cay Intl)
MTPX	Port De Paix	MUSC	Santa Clara (Abel Santamaria Intl)	MYBG	Berry I (Great Harbour)
<b>MU</b>	<b>FIR/UIR</b>	MUTD	Trinidad (Alberto Delgado)	MYBS	Bimini I (South Bimini)
MUFH	Havana FIR/UIR	MUVR	Varadero (Juan G. Gomez Intl)	MYCA	Cat Island (Arthur's Town)
<b>MU</b>	<b>Cuba</b>	MUVT	Las Tunas (Hermanos Ameijeiras)	MYCB	Cat Island (New Bight)
MUBA	Baracoa (Gustavo Rizo)			MYCI	Crooked I (Colonel Hill)
MUBR	Cayo Las Brujas (Las Brujas)	<b>MW</b>	<b>Cayman Is</b>	MYEB	Exuma (Black Point)
MUBY	Bayamo (Carlos M de Cespedes)	MWCR	Grand Cayman (Roberts Intl)	MYEF	Exuma (Exuma Intl)
MUCC	Cayo Coco (Jardines del Rey Intl)	<b>MY</b>	<b>FIR/UIR</b>	MYEH	Eleuthera (North Eleuthera)
MUCF	Cienfuegos (Jaime Gonzalez Intl)	MYNA	Nassau FIR	MYEM	Eleuthera I (Governors Harbour)
MUCL	Cayo Largo Del Sur (Vilo Acuna Intl)	<b>MY</b>	<b>Bahamas</b>	MYER	Rock Sound
MUCM	Camaguey (Ignacio Agramonte Intl)	MYAB	Andros I (Clarence A Bain)	MYES	Staniel Cay
MUCU	Santiago De Cuba (Antonio Maceo Intl)	MYAF	Andros I (Fresh Creek)	MYGF	Freeport (Grand Bahama Intl)
MUGT	Guantanamo (Mariana Grajales)	MYAK	Andros I (Congo Town)	MYIG	Great Inagua I (Inagua)
MUHA	Havana (Jose Marti Intl)	MYAM	Abaco I (Leonard M. Thompson Intl)	MYLD	Long I (Deadmans Cay)
MUHG	Holguin (Frank Pais Intl)	MYAN	Andros I (San Andros)	MYLS	Long I (Stella Maris)
MUMO	MOA (Orestes Acosta)	MYAO	Abaco I (Moore's I)	MYMM	Mayaguana
MUMZ	Manzanillo (Sierra Maestra)	MYAP	Acklins I (Spring Point)	MYNN	Nassau (Lynden Pindling Intl)
		MYAS	Abaco I (Sandy Point)	MYRD	Ragged Island (Duncan Town)

**LATIN AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

<b>MYRP</b>	Rum Cay (New Port Nelson)	<b>TD</b>	<b>Dominica</b>	<b>TJ</b>	<b>Puerto Rico</b>
		TDCF	Roseau (Canefield Intl)	TJAB	Arecibo (Antonio/Nery/Juarbe Pol)
<b>MYSM</b>	San Salvador (San Salvador Intl)	TDPD	Roseau (Douglas Charles Intl)	TJBQ	Aguadilla (Rafael Hernandez)
<b>MZ</b>	<b>Belize</b>			TJCP	Isla De Culebra (Benjamin Rivera Noriega)
<b>MZBZ</b>	Belize City (Philip S W Goldson Intl)	<b>TF</b>	<b>Guadeloupe</b>		
		TFFA	Grande Anse (Desirade)	TJFA	Fajardo (Diego Jimenez Torres)
<b>SK</b>	<b>FIR/UIR</b>	TFFB	Basse-Terre (Baillif)		
<b>SKEC</b>	Barranquilla FIR/UIR	TFFC	Pointe-A-Pitre (Saint Francois)	TJIG	San Juan (Fernando Luis Ribas Dominici)
<b>SKED</b>	Bogota FIR/UIR	TFFM	Grand-Bourg (Marie Galante)	TJMZ	Mayaguez (Eugenio Maria De Hostos)
<b>SK</b>	<b>Colombia</b>	TFFR	Pointe-A-Pitre (Le Raizet)	TJPS	Ponce (Mercedita)
<b>SKGP</b>	Guapi (Juan Casiano)	TFFS	Terre De Haut (Les Saintes)	TJRV	Ceiba (Jose Aponte De La Torre)
<b>SKSM</b>	Santa Marta (Simon Bolivar Intl)			TJSJ	San Juan (Luis Munoz Marin Intl)
<b>SV</b>	<b>FIR/UIR</b>	<b>TF</b>	<b>Martinique</b>		
<b>SVZM</b>	Maiquetia FIR/UIR	TFFF	Martinique (Aime Cesaire)	TJVQ	Isla De Vieques (Antonio Rivera Rodriguez)
<b>TA</b>	<b>Antigua</b>	<b>TG</b>	<b>Grenada</b>	<b>TK</b>	<b>Nevis Is</b>
<b>TAPA</b>	St Johns (V C Bird Intl)	TGPY	St Georges (Maurice Bishop Intl)	TKPN	Nevis I. (Vance Winkworth Amory Intl)
<b>TAPH</b>	Barbuda (Codrington)	TGPZ	Carriacou Is (Lauriston)		
<b>TB</b>	<b>Barbados</b>	<b>TI</b>	<b>Virgin Islands</b>	<b>TK</b>	<b>St Kitts</b>
<b>TBPB</b>	Bridgetown (Grantley Adams Intl)	TISX	St Croix I (Henry E Rohlsen)	TKPK	St Kitts I. (Bradshaw Intl)
		<b>TJ</b>	<b>FIR/UIR</b>		
		TJZS	San Juan Oceanic FIR/UIR		

**LATIN AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

<b>TL</b>	<b>St Lucia</b>	<b>TNCM</b>	<b>St Maarten I (Princess Juliana Intl)</b>	<b>TU</b>	<b>British Virgin Is</b>
TLPC	Castries (George F. Charles)	<b>TNCS</b>	Saba (Juancho E. Yrausquin)	TUPA	Anegada (Auguste George)
TLPL	Vieuxfort (Hewanorra Intl)	<b>TQ</b>	<b>Anguilla</b>	TUPJ	Roadtown (Terrance B Lettsome Intl)
<b>TN</b>	<b>FIR/UIR</b>	<b>TQPF</b>	<b>The Valley (Clayton J. Lloyd Intl)</b>	<b>TV</b>	<b>St Vincent</b>
TNCF	Curacao FIR/UIR			TVSA	Kingstown (Argyle Intl)
<b>TN</b>	<b>Aruba</b>	<b>TT</b>	<b>FIR/UIR</b>	TVSB	Bequia (J.F. Mitchell)
TNCA	Aruba Island (Reina Beatrix Intl)	TTZP	Piarco FIR/UIR	TVSC	Canouan
<b>TN</b>	<b>Neth Antilles</b>	<b>TT</b>	<b>Tobago Is</b>	TVSM	Mustique (Mustique Is)
TNCB	Kralendijk (Flamingo Intl)	TTCP	Scarborough (Robinson Intl)	TVSU	Union I. (Union I. Intl)
TNCE	St Eustatius I (F.D. Roosevelt)	<b>TT</b>	<b>Trinidad</b>		
		TTTP	Port Of Spain (Piarco Intl)		



# Airport Directory

Airport Data - Latin America



**BELIZE**
**Ambergris Caye see San Pedro, Belize**

**Belize City (Philip S W Goldson Intl)** Apt of Entry

15' MZBZ BZE -06:00 N17 32.3 W088 18.5  
Apt Administration 225-2045, 225-2439.  
Ground Services 225-2249; baecl@btl.net.

**07/25** 9678' CONCRETE. PCN 61/F/C/W/U.  
TODA 07 10374'. TODA 25 10827'. ASDA 07 9875'. ASDA 25 9872'. RL.

Rwy 07 Right-Hand Circuit.

ATND SKD 1200 - 2359Z. O/T O/R no later than two hours before the start and cease of normal operations. Customs: 1200 - 0000Z. O/T O/R no later than two hours before the start and cease of normal operations.

CAUTION: Uncontrolled light aircraft activity at Belize Muni Apt and in the arrival/departure areas of Apt.

Restricted to aircraft capable of maintaining two way radio communications with Belize ATC.

All flights being private, non-schedule (charters) for passengers or cargo of which the point of origin is not the United States or Canada will be required, apart from what is stated in the Aeronautical Information Publication (AIP), to provide a request to land in Belize via AFS to MZBZYAYX or telefax on (501)225-2533 or through a ground-handling agent in Belize. This request must include the following information: Purpose of the flight (Why are you coming to Belize), the names and nationality of all passengers, their date of birth along with their respective passport numbers, date of issuance and date of expiration. Or if it is a cargo flight: the type of cargo that is on the aircraft. For flights desiring to operate on Saturdays and Sundays the request must be sent no later than midday on the last working day prior to the holiday. Having complied with these requirements, the Department of Civil Aviation will proceed to issue a permit to operate to and from Belize.

Extension of main apron on E side available for Acft ops.

Birds in vicinity of Apt.

100 octane, Jet A-1.

Fire 8.

**Philip S W Goldson Intl see Belize City**
**San Pedro, Belize (Ambergris Caye)**

4' MZ10 -06:00 N17 54.8 W087 58.3  
(501) 223-3784.

**06/24** 3500' ASPHALT. AUW-20.

ATND SKD SR-SS.

## COSTA RICA

**Buenos Aires (Buenos Aires De Osa)**

1214' MRBA BAI -06:00 N09 09.8 W083 19.8

**01/19** 3248' CONCRETE. AUW-5. TORA 01 3117'. TORA 19 3117'. LDA 01 3117'. LDA 19 3117'. TODA 01 3117'. TODA 19 3117'. ASDA 01 3117'. ASDA 19 3117'.

ATND SKD SR-SS.

CAUTION: People and vehicles crossing rwy.

**Chacarita**

7' MRCH -06:00 N09 58.9 W084 46.4

**09/27** 4921' ASPHALT. AUW-25.

ATND SKD SR-SS.

**Daniel Oduber Quiros Intl see Liberia****Dieciocho**

20' MRDO Mil. -06:00 N08 54.2 W083 25.6

**10/28** 2953' GRAVEL.

ATND SKD SR-SS.

**Drake see Puntarenas****El Carmen**

56' MREC -06:00 N10 12.1 W083 28.3

**06/24** 3281' CONCRETE. AUW-5.

ATND SKD SR-SS.

**Golfito**

49' MRGF GLF -06:00 N08 39.2 W083 10.9

Apt Manager (506) 2775-1022.

**13/31** 4593' ASPHALT. AUW-25.

ATND SKD SR-SS.

**Guapiles**

883' MRGP GPL -06:00 N10 13.0 W083 47.8

**03/21** 3281' CONCRETE. AUW-25.

ATND SKD SR-SS.

**Juan Santamaria Intl see San Jose****La Flor**

180' MRLF -06:00 N10 39.0 W085 32.1

**07/25** 3117' ASPHALT. AUW-5.

ATND SKD SR-SS.

**La Managua**

85' MRQP -06:00 N09 26.6 W084 07.8

Apt Administration (506) 2777-2584.

**04/22** 3609' ASPHALT. AUW-25.

ATND SKD SR-SS.

**Laurel see Puntarenas**

**Liberia (Daniel Oduber Quiros Intl)** Apt of Entry

269' MRLB LIR -06:00 N10 35.6 W085 32.7

Apt Manager (506) 2668 1010, (506) 2668 1032.

**07/25** 9022' ASPHALT. HIRL.

ATND SKD 1200-0600Z, O/T PPR required before 2100Z (contact AD Administration). Customs: 1200-2359Z.

Birds on and in vicinity of the airport.

F-4, Jet A-1.

ABN. Fire 7.

**Limon Intl see Puerto Limon****Los Chiles**

131' MRLC LSL -06:00 N11 02.1 W084 43.6

Apt Manager (506) 2464-0557.

**06/24** 4593' ASPHALT. AUW-25, DC-3.

ATND SKD SR-SS.

**Nicoya (Miguel Angel Castillo Zumbado)**

394' MRNC -06:00 N10 08.4 W085 26.7

Apt Manager (506) 2679-9097.

**10/28** 3159' ASPHALT.

ATND SKD SR-SS.

CAUTION: Personel, vehicles, and animals crossing rwy.

**COSTA RICA**
**Nosara**

33' MRNS NOB -06:00 N09 58.6 W085 39.2  
Apt Manager (506) 2679-9117.

**04/22** 3281' ASPHALT. AUW-25. LDA 04 2625'.

ATND SKD SR-SS.

**Palmar Sur**

49' MRPM PMZ -06:00 N08 57.1 W083 28.1  
Apt Manager (506) 2786-6320.

**03/21** 4593' ASPHALT. C-46.

ATND SKD SR-SS.

**Puerto Limon (Limon Intl) Apt of Entry**

7' MRLM LIO -06:00 N09 57.5 W083 01.3  
Apt Manager Fax (506) 2758-1379.

**14/32** 5906' ASPHALT.

ATND SKD 1200-2359Z, nighttime international with 24hrs prior notice. Customs: 1400-2200Z, other times with 24hrs prior notice.

100LL AVGAS available 1330-2230Z daily.

F-3, Jet A-1.

ABN.

**Puntarenas (Drake)**

25' MRDK -06:00 N08 43.1 W083 38.4

**09/27** 3281' CONCRETE.

**Puntarenas (Laurel)**

66' MRLE -06:00 N08 26.4 W082 54.5

**11/29** 3215' ASPHALT. AUW-5.

ATND SKD SR-SS.

**San Jose (Juan Santamaria Intl) Apt of Entry**

3027' MROC SJO -06:00 N09 59.6 W084 12.5

Apt Administration 2437-2400; H24 2442-7131; Fax 2442-7646, 2473-2424. Ground Services 8377-5222.

**07/25** 9879' ASPHALT. PCN 100/F/C/W/T. LDA 25 8258'. ASDA 25 10075'. HIRL.

H24. ATND SKD H24. Customs: H24.

Birds in vicinity of airport.

Due to operational separation limits and to reduce Acft incidents, using Rwy 7/25, Twy A, and parking area, aircrews must maintain contact with Gnd at all times.

Restricted taxiing of aircraft with a wingspan bigger than 52' (16 m) over Taxiway Echo 2.

180 degree turns on rwy 07/25 prohibited for all aircraft with max takeoff greater than 25,000 lbs.

Due to existing gradient in some parking positions of main platform it is recommended to enter the assigned parking position with all engines running.

Weight bearing capacity (RW07 /25 ): Ramp weight bearing capacity up to B747-100B, aircraft or greater weight only with permission from Civil Aviation Authority.

Taxiways bearing up to aircraft type B747-100B.

Runway 07/25 weight bearing limit is aircraft B747-100B.

Taxiway ALFA restricted to aircraft with wingspan equal or greater to 131' (40m), prohibited to aircraft B-767 and greater, between parking positions #4 and #11 unless previous coordination with the pertaining entities.

Taxiway Alfa between parking position 5 and the east side of the taxiway Echo, is restricted to aircraft A330, A340, B747, B777, DC-10 and MD-11, due to its size. Except during towing with prior coordination with the control tower and operations Center Aeris.

Twy Alfa, between parking position A6 and TWY Echo, is restricted for aircraft with a wingspan greater than or equal to 171' (52 m), such as: A330, A340, B747, B777, B787, DC-10 and MD-11, due to separation with objects and aircraft.

Twy Echo is restricted to aircrafts with a wingspan greater than 52' (16 m).

**COSTA RICA**

Twy Golf, North Side, which connect Apron 2 and Twy Arestricted to Acft wingspan 171' (52m) or greater.

Weather balloon releasingon Fridays between 1200-1400 UTC.

F-4, Jet A-1. Oxygen.

ABN. Fire 9 H24.

**San Jose (Tobias Bolanos Intl)** Apt of Entry  
3287' MRPV -06:00 N09 57.4 W084 08.4  
(506) 2232-2071. Apt Manager (506)  
2232-2820; Fax (506) 2232-2472; mvillalovos@dgac.go.cr.

**09/27** 5138' ASPHALT. RL.

Rwy 09 Right-Hand Circuit.

1200-2359Z. ATND SKD 1200-2359Z. Customs: 1200-2359Z.

The Departures from RWY 09 to the left, and from RWY 27 to the right are subject to previous authorization.

Between sunrise and 1200 UTC only local flights are authorized with restrictions.

Caution: Met Station located 384ft (117m) SW (245°) from Thr Rwy 09.

F-4, Jet A-1.

ABN. Fire 4.

**San Vito De Jaba**

3228' MRSV TOO -06:00 N08 49.6 W082 57.5

**08/26** 3159' ASPHALT. AUW-25.

ATND SKD Sunrise to Sunset.

**Santa Clara De Guapiles**

246' MRSG -06:00 N10 17.3 W083 42.8

**08/26** 3117' ASPHALT. AUW-5.

ATND SKD SR-SS.

**Santa Maria De Guacimo**

33' MRSO -06:00 N10 16.2 W083 35.0

**12/30** 3281' ASPHALT. AUW-5.

ATND SKD SR-SS.

**Tobias Bolanos Intl see San Jose**

**Upala**

184' MRUP -06:00 N10 53.5 W085 01.0

Apt Manager (506) 2470-0134.

**04/22** 3281' ASPHALT.

ATND SKD SR-SS.

**EL SALVADOR**

**El Salvador Intl, ST Oscar Romero y  
Galdamez see San Salvador**

**Ilopango Intl see San Salvador**

**San Salvador (El Salvador Intl, ST Oscar  
Rom) Apt of Entry**

87' MSLP SAL -06:00 N13 26.5 W089 03.3

Apt Administration 2375-2393, 2375-2520,  
2375-2599. 2375-2291, 2375-2551, 2375-2596;  
Fax 2375-2287; meteorologia.aero-  
puerto@cepa.gob.sv. ARO 2375-2290,  
2375-2348; ais.pub@cepa.gob.sv, ofi-  
ciales.ais@cepa.gob.sv.

**07/25** 10499' ASPHALT. PCN 66/F/A/W/T. RL.  
H24. ATND SKD H24. Customs: H24.

Birds in the vicinity of the airport.

Ground Service Frequencies:

Aerodespachos de Salvador 131.300 MHz  
(maintenance), 128.650 MHz (cargo)

Airsupport 131.000 MHz

Jet A, Jet A-1.

ABN. Fire 9.

**San Salvador (Ilopango Intl)**

2027' MSSS -06:00\* N13 42.0 W089 07.2

Apt Administration (503) 2537-1346;  
jorge.gomez@cepa.gob.sv. ATC 2537-1334;  
Mobile 7070-8156.

**15/33** 7349' ASPHALT. RL.

1200-0400Z. O/T O/R. ATND SKD  
1200-0400Z. Customs: 1200-0400Z. O/T O/R.

CAUTION: Between old Rwy 08/26 and taxiway  
B due to drainage erosion on surface.

Prohibited to move aircraft with foreign registra-  
tion to the hangars.

F-4, Jet A-1.

ABN. Fire 3.

**GUATEMALA**
**Coban**

4347' MGCB -06:00 N15 28.1 W090 24.4

**03/21** 3248' ASPHALT.

ATND SKD SR-SS.

**Flores (Mundo Maya)**

427' MGMM FRS -06:00 N16 54.8 W089 52.0

Apt Administration 7926-02-56, 7926-02-60;  
Fax 7926-02-60. ATC 7926-02-56.

**10/28** 9843' CONCRETE. PCN 56/R/B/W/T.  
HIRL.

H24 ATND SKD 0700-1200 LT, 1400-1700 LT  
and O/R. Customs: H24.

Birds in vicinity of airport.

Aircraft in the movement area must keep trans-  
ponder on stand-by mode until ATC authoriza-  
tion for takeoff.

JP-1.

Fire 5.

**Guatemala City (La Aurora Intl)** Apt of Entry

4952' MGGT GUA -06:00 N14 35.0 W090 31.6

Apt Administration 2260-6533 ext 7257, 6257;  
Mobile 30458292.

**02/20** 9800' ASPHALT. PCN 79/F/C/X/T. LDA  
20 9078'. HIRL. ALS.

Rwy 20 Right-Hand Circuit.

H24 ATND SKD H24. Customs: H24.

Caution: Use caution during take-off and land-  
ing, rwys 02/20 machinery and personnel in  
and around runway.

Caution: Departing rwy 20 use minimum power  
until reaching displaced threshold.

Simultaneous ops of Cat C, D acft on rwy and  
twy restricted due to separation.

Birds in vicinity of airport.

Aircraft in the movement area must keep trans-  
ponder on standby mode until authorized by  
ATC for takeoff.

100 octane, F-4, Jet A-1, Fuel: U.

ABN. Fire 7.

**La Aurora Intl see Guatemala City**
**Mundo Maya see Flores**
**Poptun**

1693' MGPP PON -06:00 N16 19.6 W089 25.0

**08/26** 7087' GRAVEL.

ATND SKD SR-SS.

CAUTION: All aircraft, over flight or landing,  
report on radio.

**Puerto Barrios**

33' MGPB PBR -06:00 N15 43.9 W088 35.0  
ATC 2321-5090.

**12/30** 8793' CONCRETE.

SR-SS. ATND SKD SR - SS. Customs: SR-SS.

**Puerto San Jose (San Jose)**

17' MGSJ -06:00 N13 56.2 W090 50.2

ATS (502) 78811160.

**15/33** 6598' CONC/ASPH.

Rwy 15/33 Right-Hand Circuit.

SR-SS. ATND SKD SR-SS. Customs: SR-SS

PPR except emergency.

It is prohibited to overfly the Naval Base of  
Pacífico at less than 2000ft.

Parachute activity in vicinity of aerodrome.

Animals in the vicinity of the airport.

F-4, Jet A-1.

Fire N.

**Quetzaltenango**

7808' MGQZ -06:00 N14 52.0 W091 30.1

**05/23** 7218' ASPHALT.

SR-SS.

**Retalhuleu**

656' MGRT -06:00 N14 31.3 W091 41.8

**04/22** 4987' ASPHALT. AUW-41.  
SR-SS. ATND SKD SR-SS.

**San Jose see Puerto San Jose**

## HONDURAS

**Bonito Oriental**

72' -06:00 N15 44.8 W085 43.2

**16/34** 3608' GRAVEL.

ATND SKD SR-SS.

**Catacamas**

1492' MHCA CAA -06:00 N14 55.0 W085 54.0

**06/24** 3608' DIRT.

ATND SKD Days.

**Comayagua (Coronel Enrique Soto Cano AB)** Apt of Entry

2061' MHSC Mil. -06:00 N14 22.9 W087 37.3

PPR 449-4149, PPR 449-5200.

**17/35** 8011' ASPHALT. PCN 45/F/A/W/T. HIRL. 1300-0500Z weekdays; closed weekends and holidays. 0001-0500Z reserved for local acft OPS only. Transient acft require DO approval. Issued PPR valid 1 +/- ETA, early/late arrival/ departure must re-coordinate. Customs: Available Mon-Fri 1330-2330Z. Closed weekends and holidays. After hour service available upon request.

Refer to DOD/NGA supplementary publications for additional information.

J.

ABN. Fire 1.

**Coronel Enrique Soto Cano AB see Comayagua****Goloson Intl see La Ceiba****Guanaja (La Laguna)**

7' GJA -06:00 N16 26.7 W085 54.5

**12/30** 3313' GRAVEL.

ATND SKD SR-SS.

**Islas Del Cisne see Islas Del Cisne I.****Islas Del Cisne I. (Islas Del Cisne)**

7' MHIC -06:00 N17 24.0 W083 56.0

**06/24** 4668' TURF.

ATND SKD SR-SS.

Airport restricted, all civil aircraft on prior request.

**Juan Manuel Galvez Intl see Roatan****La Ceiba (Goloson Intl)** Apt of Entry

49' MHLC LCE -06:00 N15 44.5 W086 51.2

Apt Administration 2442-1440, 2442-1765; Fax 2442-1837. H24 2442 3011.

**07/25** 9675' BITU/CONC. PCN 46/F/B/X/T. LDA 07 8858'. TODA 07 10676'. MIRL.

1200-0400Z ATND SKD 1200-2400Z O/T O/R. Customs: 1200-0400Z.

CAUTION: Approach to Rwy 25 not recommended due to high terrain near AD.

Prohibited to fly NW of Rwy over the military base Hector C. Moncada.

VFR flights are not allowed when meteorological conditions are inferior than 5 km ( 3 NM) visibility and 1500' ceiling. Min visibility for takeoff is 1.6 km for Acft cat A and B.

F-4, Jet A-1.

ABN. Fire 6 1200-0600Z CAT 6 0001-0400Z CAT 5.

**La Esperanza**

5479' MHLE LEZ -06:00 N14 16.0 W088 10.0

2783 05 32.

**03/21** 3300' DIRT.

ATND SKD SR-SS.

**La Laguna see Guanaja****La Lima**

76' Mil. -06:00 N15 26.6 W087 53.9

**02/20** 3300' ASPH/DIRT.**Puerto Lempira**30' MHPL PEU -06:00 N15 16.3 W083 47.0  
2443-6058, 2443-7068.



**HONDURAS**

**09/27** 4347' GRAVEL.

ATND SKD SR-SS.

**Ramon Villeda Morales Intl see San Pedro Sula**

**Roatan (Juan Manuel Galvez Intl)** Apt of Entry

21' MHRO RTB -06:00 N16 19.0 W086 31.3  
Apt Administration 2445-1874, 2445-1878,  
2445-1879, 2445-1880; Fax 2445-1875,  
2445-1876, 2445-1881. 2445 17 06.

**07/25** 6854' ASPHALT. PCN 52/F/B/X/T. MIRL.  
1200-0200Z. ATND SKD 1200-0200Z. Customs:  
1200-0200Z.

Jet A-1.

ABN. Fire 7.

**San Pedro Sula (Ramon Villeda Morales Intl)**  
Apt of Entry

92' MHLN SAP -06:00 N15 27.1 W087 55.4  
Apt Administration (504)2668-3260/67; Fax  
(504) 2668-3267/3191. 2668-2130. ATS H24  
(504) 2559-0696, 2668-1924.

**04/22** 9209' CONCRETE. PCN 77 R/A/W/T.  
TORA 22 8547'. LDA 04 8547'. LDA 22 8547'.  
TODA 04 13802'. TODA 22 8547'. MIRL.

1200-0800Z. O/T O/R. SAT, SUN and HOL O/R  
to ATC via Tel. ATND SKD 1400-0000Z. O/T  
O/R. SAT, SUN and HOL O/R to ATC via Tel.  
Customs: 1200-0600Z. O/T O/R. SAT, SUN  
and HOL O/R to ATC via Tel.

F-4, Jet A-1.

ABN. Fire 7 H24.

**Tegucigalpa (Toncontin Intl)** Apt of Entry

3307' MHTG TGU -06:00 N14 03.6 W087  
13.0

Apt Administration 2233-6067; Fax 2234-0020,  
2234-2384. 2233-1111, 2234-9500.

**02/20** 6631' ASPHALT. PCN 56/F/B/W/T. LDA  
02 5459'. RL.

Rwy 20 Right-Hand Circuit.

1200-0400Z. O/T O/R. ATND SKD  
1200-0000Z. O/T O/R. Customs: 1200-0400Z.  
O/T O/R.

Birds in vicinity of apt.

TPA:

4047' (750') Light Aircraft;  
4547' (1250') Heavy Aircraft

VFR operations are not authorized when the  
meteorological conditions are less than 5 km  
(3 NM) of visibility and a ceiling of 1500', 10  
minutes are granted for takeoff after sunset  
in VMC conditions.

F-3, Jet A-1.

ABN. Fire 7 CAT 7 1200-0000Z, CAT 6  
0001-0400Z.

**Tela**

3' MHTE TEA -06:00 N15 46.6 W087 28.5  
2448-4484.

**06/24** 4435' ASPHALT.

Sunrise-Sunset.

**Toncontin Intl see Tegucigalpa**

## MEXICO

**Abraham Gonzalez Intl see Ciudad Juarez****Acapulco (Gen Juan N Alvarez Intl)** Apt of Entry

16' MMAA ACA -06:00\* N16 45.4 W099 45.2

Apt Administration (744) 4 35 20 60; Fax (744) 4 66 94 40.

**06/24** 5577' CONCRETE. PCN 64/R/A/X/T. TODA 06 5906'. TODA 24 5906'. HIRL.

Rwy 06 Right-Hand Circuit.

**10/28** 10827' CONCRETE. PCN 93/R/A/X/T. TODA 10 11155'. TODA 28 11155'. HIRL. ALS 28.

Rwy 10 Right-Hand Circuit.

ATND SKD H24. Customs.

Birds in vicinity of airport.

Taxiway C between threshold runway 24 and general aviation apron not useable for aircraft wingspans of 79' (24m) or more.

Aircraft heavier than 66,139 lbs (30,000 kg) use minimum power in the ramp area to avoid damage to installations.

Overnight apron open only for acft with wing-span 49 ft (15 M maximum).

General aviation overnight apron PCN: 12/F/B/X/T.

F-4, Jet A-1.

ABN. Fire 8.

**Agualeguas**

676' MMAL -06:00\* N26 20.1 W099 32.7

**02/20** 9449' ASPHALT.

CAUTION: Birds in vicinity of Airport.

**Aguascalientes (Jesus Teran Intl)** Apt of Entry

6112' MMAS AGU -06:00\* N21 42.3 W102 19.1

Apt Administration (449) 9 15 81 32, (449) 9 18 28 06; Fax (449) 9 16 22 20; camador@aero-

puertosgap.com.mx. (55) 5802 8525, 55 5802 8520, 55 5802 8525, 5802 8520.

**17/35** 9862' ASPHALT. PCN 66/F/A/X/T. HIRL. 1200-0600Z. O/T O/R. ATND SKD 1200-0600Z. O/T O/R. Customs: 1200-0600Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

Turboprop aircraft use minimum power when leaving commercial ramp, to avoid damaging building.

CAUTION: Rwy 17 path, laser beam occasionally pointed at aircraft cabins daily.

F-4, Jet A.

Fire 6.

**Alberto Acuna Ongay see Campeche****Angel Albino Corzo see Tuxtla Gutierrez****Apatzingan (Pablo L Sidar)**

1033' MMAG AZG -06:00\* N19 06.0 W102 22.0

**07/25** 4920' DIRT.

ATND SKD SR-SS.

Fire U.

**Atizapan de Zaragoza**

8120' MMJC -06:00\* N19 34.5 W099 17.3

**04/22** 4265' ASPHALT.

ATND SKD SR-SS.

F-4, Jet A-1.

**Bahias De Huatulco (Bahias De Huatulco Intl)** Apt of Entry

464' MMBT HUX -06:00\* N15 46.5 W096 15.8

Apt Administration (958) 581 9004; Fax (958) 581 9060. 5802 8520, 5802 8525.

**07/25** 9843' ASPHALT. PCN 82/F/C/X/T. HIRL.

Rwy 07 Right-Hand Circuit.

ATND SKD 0700-1800LT. Customs: 0700-1800LT.

## MEXICO

CAUTION: Birds in vicinity of airport.

Customs and Immigration hrs ops  
1300-2400UTC.

F-4, Jet A.

Fire 7.

**Benito Juarez Intl see Mexico City**

**C P A Carlos Rovirosa Intl see Villahermosa**

**Cabo San Lucas (Cabo San Lucas Intl)** Apt of Entry

692' MMSL -07:00\* N22 56.9 W109 56.3

Apt Administration 624 124 55 00, 624 143 01 20; Fax 624 124 55 50; ops@acsl.com.mx, reservations@acsl.com.mx. ATS On Call Clearance delivery LOS ANGELES ARTCC 661-575-2079.

**11/29** 6998' ASPHALT. PCN 52/F/B/W/T. HIRL.

Rwy 11 Right-Hand Circuit.

1300-0300Z. O/T O/R. ATND SKD  
1300-0300Z. O/T O/R. Customs: 1300-0300Z.  
O/T O/R.

CAUTION: Birds in vicinity of airport.

F-3, Jet A.

ABN. Fire 6.

**Campeche (Alberto Acuna Ongay)** Apt of Entry

34' MMCP CPE -06:00\* N19 49.0 W090 30.0

Apt Administration Fax 01(700) 2 73 58 76, 2 73 36 50.

**16/34** 8202' ASPHALT. PCN 78/F/A/X/T. HIRL.

1300-0100Z. O/T O/R. ATND SKD  
1300-0100Z. O/T O/R. Customs: 1300-0100Z.  
O/T O/R.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 6.

**Cancun (Cancun Intl)** Apt of Entry

22' MMUN CUN -05:00 N21 02.6 W086 52.4

Apt Administration (998) 8487 200; Fax (998) 8487 207. H24 (55) 5802 8525, 5802 8520. ARO 998 88 60 216.

**12L/30R** 9186' ASPHALT. PCN 64/F/A/X/T. HIRL. HIALS 12L.

Rwy 30R Right-Hand Circuit.

**12R/30L** 11483' ASPHALT. PCN 82/F/A/X/T. HIRL. HIALS 12R.

Rwy 12R Right-Hand Circuit.

H24 ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of airport.

Twy B3 and B2 usable only for acft with wingspans of max 95 ft (29m).

Twy B8, B10, E1 and E3 usable only for acft with wingspans of max 118 ft (36m).

Twy B9 usable only for acft with wingspans of max 213 ft (65m).

Twy B11 usable only for acft with wingspans of max 171 ft (52m).

Twy E2 usable only for acft with wingspans of max 262 ft (80m).

F-4, Jet A.

Fire 9.

**Celaya**

5709' MMCY CYW -06:00\* N20 32.8 W100 53.2

**08/26** 6358' ASPHALT.

ATND SKD SR-SS.

**Chetumal (Chetumal Intl)** Apt of Entry

39' MMCM CTM -06:00\* N18 30.3 W088 19.6

**10/28** 7244' ASPHALT. PCN 48/F/C/X/U. TORA 10 6375'. LDA 28 6375'. TODA 10 6375'. HIRL.

ATND SKD 1200-2400Z. Customs: 1200-2400Z.

CAUTION: Birds in vicinity of airport.

Twy C for military acft only.

**MEXICO**

Fuel services available 1300-0100 (TSC) - Standard Local Central Time. 1200-2400 (TVC) - Summer Central Time (April- Oct).

F-4, Jet A-1.

ABN. Fire 5.

**Chichen-Itza (Chichen-Itza Intl)**

102' MMCT CZA -06:00\* N20 38.5 W088 26.8

**10/28** 9186' ASPHALT. PCN 54/R/B/X/T. HIRL. 1400-2200Z. ATND SKD 1400-2200Z. Customs: 1400-2200Z.

CAUTION: Birds in vicinity of airport.

Jet A-1.

Fire 5.

**Chihuahua (Gen Div P A Roberto Fierro Vil)**

Apt of Entry

4465' MMCU CUU -07:00\* N28 42.1 W105 57.8

Apt Administration (614) 478 7000; chihuahua@oma.aero.

**04/22** 3609' ASPHALT. PCN 20/F/C/X/T.

**18L/36R** 8530' ASPHALT. PCN 83/F/A/X/T. HIRL. HIALS 36R.

Rwy 18L Right-Hand Circuit.

**18R/36L** 7940' ASPHALT. PCN 27/F/C/X/T.

Rwy 18R Right-Hand Circuit.

1400-0400Z. O/T O/R. ATND SKD 1400-0400Z. O/T O/R. Customs: 1400-0400Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

Rwy 04/22 day VFR operations only.

F-4, Jet A.

ABN. Fire 6.

**Ciudad Acuna (Ciudad Acuna Intl)**

1410' MMCC ACN -06:00\* N29 20.1 W101 06.2

Apt Administration 01-87 77-72-05-80.

**13/31** 3281' ASPHALT. PCN 22/F/B/X/U/ ASPH.

ATND SKD 1400-2100.

Immigration :

Times of Service

1400/2100 TSC

1300/2000 TVC

Fire 1.

**Ciudad Constitucion**

213' MMDA CUA -07:00\* N25 03.5 W111 36.5

**12/30** 5249' ASPHALT.

**Ciudad Del Carmen (Ciudad Del Carmen Intl)**

Apt of Entry

10' MMCE CME -06:00\* N18 39.1 W091 48.0

Apt Administration 01 (700) 2 63 04 13; Fax 01 (700) 2 63 64 37.

**13/31** 7218' ASPHALT. PCN 58/F/A/X/T. HIRL. 1300-0100Z ATND SKD 1300-0100Z. Customs: 1300-0100Z.

Circling not authorized west of runway 13/31.

CAUTION: Birds in vicinity of airport.

F-4, Jet A.

ABN. Fire 6.

**Ciudad Juarez (Abraham Gonzalez Intl)** Apt of Entry

3904' MMCS CJS -07:00\* N31 38.2 W106 25.7

Apt Administration (656) 478 7000; cdjuarez@oma.aero. (55) 5802 8525, 5802 8520.

**03/21** 8858' ASPH/CONC. PCN 86/F/B/X/T. HIRL. HIALS 03.

Rwy 03 Right-Hand Circuit.

**15/33** 5610' ASPH/CONC. PCN 31.4/F/A/X/T.

Rwy 33 Right-Hand Circuit.

## MEXICO

0700-2100LT. ATND SKD Technical stop services 0700-2100LT. Fueling H24. Customs: 0700-2100LT.

CAUTION: Birds in vicinity of airport.

F-4, Jet A.

ABN. Fire 7.

**Ciudad Obregon (Ciudad Obregon Intl)**

205' MMCN CEN -07:00 N27 23.6 W109 50.0

Apt Administration (644) 455 00 04; Cen.administrador@asa.gob.mx. (55) 5802 8520, (55) 5802 8525.

**13/31** 7546' ASPHALT. PCN 68/R/B/X/T. HIRL. Rwy 13 Right-Hand Circuit.

1300-0100Z. O/T O/R. ATND SKD 1300-0100Z. O/T O/R. Customs: 1300-0100Z. O/T O/R.

Birds in vicinity of airport.

F-4.

ABN. Fire 6.

**Ciudad Victoria (Gen Pedro Jose Mendez Intl)** Apt of Entry

761' MMCV CVM -06:00\* N23 42.2 W098 57.4

Apt Administration (834) 31 64 648, (834) 31 67 616; Fax (834) 30 50 251. (55) 5802 8520, (55) 5802 8525.

**15/33** 7218' ASPHALT. PCN 45/F/C/X/T. HIRL. 1300-0100Z. ATND SKD 1300-0100Z. Customs: 1300-0100Z.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 5.

**Colima**

2467' MMIA CLQ -06:00\* N19 16.6 W103 34.7

Apt Administration 01 (312) 3144160, 01 (312) 3149817; Fax (312) 3142190; colima@asa.gob.mx.

**07/25** 7546' ASPHALT. PCN 38/F/C/X/T. HIRL. 1300-0100Z. ATND SKD 1300-0100Z. Customs: 1300-0100Z.

CAUTION: Birds in vicinity of airport.

Taxiways A and B have the capacity to serve Acft of reference code letter C.

Twr will communicate the parking lot number to the arriving Acft, prior coordination with Area of operations of the AD.

F-4, Jet A-1.

ABN. Fire 6.

**Comitan (Comitan (Copalar))**

5164' MMCO -06:00\* N16 10.6 W092 03.0

**09/27** 5774' ASPHALT.

CAUTION: Birds in vicinity of airport.

**Cozumel (Cozumel Intl)** Apt of Entry

15' MMCZ CZM -05:00 N20 31.3 W086 55.8  
Apt Administration (987) 872 0485; Fax (987) 872 0447. H24 (55) 5802 8525, 5802 8520.

**05/23** 10377' ASPHALT. PCN 48/F/B/X/U. TORA 05 9885'. TORA 23 7917'. LDA 05 7917'. LDA 23 9885'. TODA 05 9885'. TODA 23 7917'. ASDA 23 9885'.

RWY 05/23 Military Operations Only.

**12/30** 8858' ASPHALT. PCN 60 /F/A/X/T. TORA 30 8202'. LDA 12 8202'. LDA 30 8202'. TODA 30 8202'. ASDA 30 8202'. HIRL.

Customs.

CAUTION: Birds in vicinity of apt.

Twy B is not authorized at night from taxiway Charlie to threshold of Rwy 23.

Aircraft with a wingspan larger than 171ft (52m) park on Twy E.

Aircraft with MTOW 88,185 lbs (40,000Kg) or more, shall perform 180° turn on the turning pad of threshold of Rwy 12/30 only.

Aircraft with MTOW 12,346 lbs (5600 Kg) or more, shall be restricted to taxi on Twy A.

**MEXICO**

When Rwy 12/30 is in use, aircraft with a wing-span greater than 118 ft (36 m) are restricted to taxi on Twy A.

F-4, Jet A.

ABN. Fire 7.

**Cuernavaca (Gen Mariano Matamoros)**

4295' MNCB CVJ -06:00\* N18 50.1 W099 15.7

Apt Administration 01 (777) 3 62 04 30 ext 1001, 01 (777) 3 62 04 30 ext 1002; caja@aerpuertodecuernavaca.com.mx. FSS 01 (777) 3 62 04 30 ext 1005.

**02/20** 9186' ASPHALT. PCN 53/F/B/X/T. LDA 02 7874'. HIRL.

ATND SKD 1300-0100Z. O/T O/R. Customs: 1300-0100Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

Rwy 02 threshold displaced due to mountain obstacles. IFR approaches only, no lighting.

For aircraft greater than 12566 lbs (5700kg), coordinate parking on commercial apron with Twr. International arrivals/departures, commercial platform position 2.

F-4, Jet A-1.

ABN. Fire 6.

**Culiacan (Culiacan Intl) Apt of Entry**

105' MMCL CUL -07:00\* N24 45.9 W107 28.5

Apt Administration (667) 480-70-00 Ext: 3406; culiacan@oma.aero. (55) 5802 8520, (55) 5802 8525.

**02/20** 7365' ASPHALT. PCN 106/F/B/X/T. LDA 20 6673'. HIRL.

1300-0500Z; O/T O/R 2hr before end of Apt hrs. ATND SKD H24. Customs: 1300-0500Z; O/T O/R 2hr before end of Apt hrs.

Caution: Birds in vicinity of airport.

Taxiway C between commercial aviation ramp and THLD RWY 20; width 59' (18M) and PCN 65/F/B/X/T.

F-4, Jet A.

ABN. Fire 7.

**De Guanajuato Intl see Leon**
**Del Mar de Cortes Intl see Puerto Penasco**
**Del Norte Intl see Monterrey**
**Durango (Durango Intl)**

6104' MMDO DGO -06:00\* N24 07.6 W104 31.6

Apt Administration (618) 817 8539; Fax (618) 817 8516.

**03/21** 9514' ASPHALT. PCN 68/F/A/X/T. HIRL.

Rwy 03 Right-Hand Circuit.

1200-0200Z. O/T O/R. ATND SKD

1200-0200Z. O/T O/R. Customs: 1200-0200Z.

O/T O/R.

CAUTION: Birds in vicinity of apt and rwys.

Taxiway 'C' restricted to aircraft with a weight of AUW 30,000 kg (66,139 lbs) or greater.

F-4, Jet A-1.

Fire 6.

**Ensenada (Gen Div P A A L Salinas Carran)**

Apt of Entry

66' MMES ESE -08:00\* N31 47.7 W116 36.2

Apt Manager 9-12-20.

**11/29** 4892' ASPHALT. F-27 ACFT OR SIMILAR.

ATND SKD SR-SS. Customs.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN.

**Estacion Aeronaval see Tulum**
**Gen Abelardo L Rodriguez Intl see Tijuana**
**Gen Div P A A L Salinas Carranza see Ensenada**

## MEXICO

**Gen Div P A Roberto Fierro Villalobos Intl**  
**see Chihuahua**

**Gen Francisco J Mujica Intl** **see Morelia**

**Gen Francisco Javier Mina Intl** **see Tampico**

**Gen Heriberto Jara Intl** **see Veracruz**

**Gen Ignacio Pesqueira Garcia Intl** **see**  
**Hermosillo**

**Gen Jose Ma Yanez Intl** **see Guaymas**

**Gen Juan N Alvarez Intl** **see Acapulco**

**Gen Leobardo C Ruiz Intl** **see Zacatecas**

**Gen Lucio Blanco Intl** **see Reynosa**

**Gen Manuel Marquez De Leon** **see La Paz**

**Gen Mariano Escobedo Intl** **see Monterrey**

**Gen Mariano Matamoros** **see Cuernavaca**

**Gen Pedro Jose Mendez Intl** **see Ciudad**  
**Victoria**

**Gen Rafael Buelna Intl** **see Mazatlan**

**Gen Rodolfo Sanchez Taboada Intl** **see**  
**Mexicali**

**Gen Servando Canales Intl** **see Matamoros**

**Gral de Div P A Angel H Corzo Molina** **see**  
**Teran**

**Guadalajara (Miguel Hidalgo Y Costilla Intl)**  
Apt of Entry

5016' MMGL GDL -06:00\* N20 31.3 W103  
18.7

Apt Administration (33) 36 88 51 20, (33) 36 88  
52 48; Fax (33) 36 88 53 76; jgomez@aero-  
puertosgap.com.mx. H24 (55) 5802 8520, (55)  
5802 8525.

**02/20** 5906' ASPHALT. PCN 41/F/A/W/T. LDA  
20 4921'.

**10/28** 13140' ASPHALT. PCN 89.2/R/A/X/T.  
HIRL. HIALS.

H24 ATND SKD H24. Customs: H24.

CAUTION: 6824 ft obstruction on radial 249/  
7.2 nm.

Jet aircraft with weight greater than 40,000 kg  
use minimum power when entering or departing  
apron area to avoid damage to the terminal  
building and ramp equipment.

All aircraft utilizing the parking positions on the  
commercial aviation ramp must be towed.

Birds in vicinity of airport.

F-4, Jet A.

ABN. Fire 7.

**Guaymas (Gen Jose Ma Yanez Intl)** Apt of  
Entry

59' MMGM GYM -07:00 N27 58.2 W110  
55.4

Apt Administration (622) 221 0456, (622) 221  
0634, (622) 221 3442. (55) 5802 8520, (55)  
5802 8525.

**02/20** 7710' ASPHALT. PCN 82/F/A/X/T.

1400-0200Z. ATND SKD 1400-0200Z. Cus-  
toms: 1400-0200Z.

CAUTION: Birds in vicinity of airport.

Restricted 180 Deg turn for Acft in apron to ter-  
minal building.

Acft weighting more than 66139 lbs (30000 kg)  
shall carry out 180 Deg turns only on turn pad  
of Rwy 02/20.

F-4, Jet A.

ABN. Fire 4.

**Guerrero Negro**

59' MMGR GUB -07:00\* N28 01.6 W114  
01.4

**12/30** 7218' ASPHALT.

ATND SKD SR-SS.

F-4.

**Hermanos Serdan Intl** **see Puebla**

## MEXICO

**Hermosillo (Gen Ignacio Pesqueira Garcia I)**

Apt of Entry

627' MMHO HMO -07:00 N29 05.7 W111 02.9

Apt Administration 01 (662) 2 61 00 00, 01 (662) 2 61 01 23; Fax 01(662)2 61 01 42; administracionHMO@aeropuertosgap.com.mx. (55) 5802 8520, (55) 5802 8525.

**05/23** 7546' ASPHALT. PCN 67/F/B/X/T.

Rwy 05 Right-Hand Circuit.

1300-0700Z. ATND SKD 1300-0700Z. Customs: 1300-0700Z.

CAUTION: Birds in vicinity of airport.

Fuel dumping which may be needed by turbojet aircraft shall be coordinated in advance with the corresponding ATC unit.

F-4, Jet A.

Fire 7.

**Ing Juan Guillermo Villasana see Pachuca****Isla Mujeres**

7' MMIM ISJ -06:00\* N21 14.7 W086 44.4

**15/33** 3937' ASPHALT.

ATND SKD SR-SS.

Airport closed to all civil operations.

Fuel: U.

**Ixtapa-Zihuatanejo (Ixtapa-Zihuatanejo Intl)**

Apt of Entry

26' MMZH ZIH -06:00\* N17 36.1 W101 27.6

Apt Administration 01 755 554-0223, 01 755 554-0224, 01 755 554-2070; Fax 01 (755) 544 54 08; zihuatanejo@oma.aero. (55) 5802 8520, (55) 5802 8525.

**08/26** 8222' ASPHALT. PCN 83/F/A/X/T. HIRL.

Rwy 08 Right-Hand Circuit.

1300-0300Z ATND SKD 1300-0300Z. Customs: 1300-0300Z.

CAUTION: Birds in vicinity of airport.

Jet aircraft must be towed when departing the terminal apron.

F-4, Jet A-1.

ABN. Fire 7.

**Iztepec (Mil Air Base No 2 - Gen Antoni)**

102' MMIT Mil. -06:00\* N16 27.0 W095 05.6

Apt Administration (971) 281 80 01; Fax bam2@sedena.gob.mx.

**18/36** 7621' CONCRETE. PCN 99/R/B/X/T. HIRL.

H24 ATND SKD 1300-0100Z.

Birds in vicinity of airport.

J.

ABN. Fire 5.

**Jalapa (Lencero)**

3136' MMJA JAL -06:00\* N19 28.5 W096 47.9

**08/26** 5577' ASPHALT. TORA 26 4265'. LDA 08 4265'. LDA 26 4593'. TODA 26 4265'. MIRL. ATND SKD SR-SS.

CAUTION: Aircraft over 11,000 lb GWT make 180 deg turns only on rwy thld.

**Jesus Teran Intl see Aguascalientes****La Paz (Gen Manuel Marquez De Leon)** Apt of Entry

69' MMLP LAP -07:00\* N24 04.4 W110 21.8

Apt Administration 01 (612) 1 24 63 07; Fax 01 (612) 1 24 62 96, 01 (612) 1 24 63 36; ssana-bria@aeropuertosgap.com.mx.

**18/36** 8202' CONCRETE. PCN 63/R/A/W/T. HIRL.

Rwy 18 Right-Hand Circuit.

ATND SKD 1400-0600 standard time, 1300-0500 summer time. Customs.

CAUTION: Birds in vicinity of airport.

Rwy 18 Right hand circuit.

F-4, Jet A-1.

ABN. Fire 7.



## MEXICO

**Lazaro Cardenas**

39' MMLC LZC -06:00\* N17 59.0 W102 13.0  
01/19 4922' ASPHALT. TORA 19 4298'. LDA  
01 4298'.

ATND SKD 1400-0000UTC.

Birds in vicinity of airport.

F-3, Jet A-1.

**Lencero see Jalapa****Leon (De Guanajuato Intl)**

5956' MMLO BJX -06:00\* N20 59.6 W101  
28.9

Apt Administration 01(472)748 21 24; Fax  
01(472)748 21 20; epena@aeropuertos-  
gap.com.mx. (55) 5802 8520, (55) 5802 8525.

13/31 11486' ASPHALT. PCN 60/F/A/W/T.  
HIRL.

Rwy 13 Right-Hand Circuit.

1000-0600Z. ATND SKD 1000-0600Z. Cus-  
toms: 1000-0600Z.

CAUTION: Do not use radio altimeter as a ref-  
erence to determine altitude over the airport  
due to orographic conditions.

Caution: Birds in vicinity of airport.

All aircraft shall be towed when leaving the  
commercial aviation apron.

F-4, Jet A.

Fire 7.

**Lic Adolfo Lopez Mateos Intl see Toluca****Lic and Gen Ignacio Lopez Rayon see  
Uruapan****Lic Gustavo Diaz Ordaz Intl see Puerto  
Vallarta****Loreto (Loreto Intl)** Apt of Entry

36' MMLT LTO -07:00\* N25 59.4 W111 20.9  
Apt Administration 01 (700) 5 86 04 99; Fax 01  
(700) 5 86 04 54.

16/34 7218' ASPHALT. PCN 50/F/A/X/T. HIRL.

Rwy 34 Right-Hand Circuit.

1400-0200Z. ATND SKD 1400-0200Z. Cus-  
toms: 1400-0200Z.

CAUTION: Birds in vicinity of airport.

Exiting commercial aviation apron underown  
power not permitted.

F-4, Jet A.

ABN. Fire 6.

**Los Cabos Intl see San Jose Del Cabo****Los Mochis (Valle Del Fuerte International)**

Apt of Entry

16' MMLM LMM -07:00\* N25 41.1 W109  
04.9

Apt Administration Fax 01 (668) 8 16 68 71;  
polivo@aeropuertosgap.com.mx. Apt Manager  
01 (668) 8 15 30 70, 01 (668) 8 18 68 70.

09/27 6585' ASPH/CONC. PCN 48 R/A/W/T.  
HIRL.

1400-0400Z. ATND SKD 1400-0400Z. Cus-  
toms: 1400-0400Z.

CAUTION: Birds in vicinity of airport.

All acft shall be towed when leaving commercial  
aviation apron.

Twy BRAVO max wingspan 118 ft (36m).

Pilots requesting T/O from intersection Twy  
ALPHA or Twy Bravo must inform ATC during  
first contact on apron. T/O distance available  
from Twy ALPHA by Rwy 09 is 3609 ft  
(1100m) and T/O distance from Twy BRAVO by  
Rwy 27 is 4921 ft (1500m).

F-4, Jet A.

Fire 6.

**Manzanillo (Playa De Oro Intl)** Apt of Entry

30' MMZO ZLO -06:00\* N19 08.7 W104  
33.5

Apt Administration 01 (314) 333 11 19; Fax 01  
(314) 333 25 25; administracionzlo@aeropuer-  
totsgap.com.mx.

## MEXICO

**10/28** 7238' ASPHALT. PCN 48/F/A/W/T. HIRL. ABN. Fire 7.  
HIALS 28.

Rwy 10 Right-Hand Circuit.

1400-0200Z. O/T O/R. ATND SKD  
1400-0200Z. O/T O/R. Customs: 1400-0200Z.  
O/T O/R.

CAUTION: Birds in vicinity of airport.

Circling North of runway not authorized.

Twy A maximum wingspan permitted 118'  
(36M).

F-4, Jet A-1.

Fire 7.

**Matamoros (Gen Servando Canales Intl)**

Apt of Entry

25' MMMA MAM -06:00\* N25 46.2 W097  
31.5

H24 (55) 5802 8520, (55) 5802 8525. Apt Man-  
ager 01 (868) 8 12 39 99.

**15/33** 7546' ASPHALT. PCN 37/F/B/X/T. HIRL.  
HIALS 33.

1400-0200Z. O/T O/R. ATND SKD  
1400-0200Z. O/T O/R. Customs: 1400-0200Z.  
O/T O/R.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 6.

**Mazatlan (Gen Rafael Buelna Intl)** Apt of  
Entry

38' MMMZ MZT -07:00\* N23 09.7 W106  
15.9

Apt Administration (669) 982 2399; Fax (669)  
982-2399 ext: 211; mazatlan@oma.aero. (55)  
5802 8520, (55) 5802 8525. ATS (669) 954 80  
35.

**08/26** 8868' CONCRETE. PCN 75/R/A/X/T.  
HIRL.

H24. ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of airport.

F-4, Jet A.

**Merida (Merida Intl)** Apt of Entry

38' MMMD MID -06:00\* N20 56.2 W089  
39.5

Apt Administration (999) 940 6090; Fax (999)  
940 6090.

**10/28** 10499' CONCRETE. PCN 38/R/B/W/T.  
LDA 10 9449'. HIRL. HIALS 10.

Threshold Rwy 10 38/R/B/W/T

Rwy 53/F/A/X/T

Threshold Rwy 28 54/R/A/W/T

Rwy 28 53/F/A/X/T

**18/36** 7546' CONCRETE. PCN 53/F/A/X/T.  
HIRL.

Threshold 18 60/R/A/W/T

Rwy 18 53/F/A/X/T

H24 ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of airport.

Maximum wingspan 118 ft (36m) on Twy H  
between Twy B and Twy C.

Maximum wingspan 118 ft (36m) on Twy H  
between Twy C and Twy E.

F-4, Jet A-1.

Fire 7.

**Mexicali (Gen Rodolfo Sanchez Taboada In)**

Apt of Entry

74' MMML MXL -08:00\* N32 37.8 W115  
14.5

Apt Manager 686-552-23-17; Fax  
686-552-21-48; egonzalez@aeropuertos-  
gap.com.mx.

**10/28** 8533' ASPHALT. PCN 77/R/B/W/T.  
HIRL.

ATND SKD 1400-0900. Customs.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 7.

**MEXICO**

**Mexico City (Benito Juarez Intl)** Apt of Entry  
7316' MMMX MEX -06:00\* N19 26.2 W099  
04.3

Apt Administration 55713007, 24822400; Fax  
01 (55) 57 26 0107.

**05L/23R** 12979' ASPHALT. PCN 112/F/B/X/T.  
TORA 05L 11342'. TORA 23R 11772'. LDA 05L  
9751'. LDA 23R 10112'. TODA 05L 11342'.  
TODA 23R 11772'. ASDA 05L 12215'. ASDA  
23R 12238'.

**05R/23L** 13074' ASPHALT. PCN 112/F/B/X/T.  
TORA 23L 12812'. LDA 05R 11581'. LDA 23L  
12549'. TODA 23L 12812'.

H24 ATND SKD H24. Customs: H24.

Airport closed to piston/turboprop aircraft with  
cruising speeds less than 250 kts.

All acft that leave positions 1, 2, or 3 should be  
towed to position 4.

Caution: Birds in vicinity of the airport.

All Civil aircraft operating within 100 NM of  
MEX VOR must have be equipped with a trans-  
ponder with automatic altitude transmitter.

Aircraft type A380, B747-8 and Antonov 124.  
Must adhere to stablished operations, taxiway  
restrictions and authorized positions.

F-4, Jet A.

ABN. Fire 9.

**Miguel Hidalgo Y Costilla Intl see**  
**Guadalajara**

**Mil Air Base No 2 - Gen Antonio Cardenas**  
**Rodriguez see Ixtotec**

**Minatitlan (Minatitlan Intl)** Apt of Entry  
36' MMTT MTT -06:00\* N18 06.2 W094  
34.8

Apt Administration (921) 278 0064; Fax (921)  
278 0018.

**01/19** 6890' ASPHALT. PCN 57/F/A/X/T. HIRL.  
1300-0100Z. ATND SKD 1300-0100Z. Cus-  
toms: 1300-0100Z.

CAUTION: Birds in vicinity of airport.

All aircraft leaving the commercial apron must  
be towed.

F-4, Jet A-1.

ABN. Fire 6.

**Monclova (Monclova Intl)**

1864' MMMV LOV -06:00\* N26 57.3 W101  
28.3

Apt Administration seacoah@prodigy.net.mx,  
www.sea.gob.mxseacoah@prodigy.net.mx. Apt  
Manager 01 (866) 634 2001, 01 (866) 641  
0018.

**06L/24R** 4783' ASPHALT. TORA 06L 4314'.  
LDA 24R 4314'.

**06R/24L** 6890' ASPHALT. TORA 06R 6234'.  
TORA 24L 6611'. LDA 06R 6611'. LDA 24L  
6234'. HIRL.

ATND SKD 1300-0100. Customs: 1300-0100.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 3.

**Monterrey (Del Norte Intl)** Apt of Entry  
1476' MMAN NTR -06:00\* N25 51.9 W100  
14.2

Apt Administration (81) 11-60-96-93, (81)  
13-44-54-14, (81)80-30-90-90; adn@adel-  
norte.com.mx.

**02/20** 6598' ASPHALT. PCN 69/F/B/X/T. TORA  
20 6362'. LDA 02 6362'. MIRL.

**11/29** 5049' ASPHALT. PCN 69/F/B/X/T. TORA  
11 4715'. TORA 29 4787'. LDA 11 4787'. LDA  
29 4715'. ASDA 11 4715'. ASDA 29 4787'.  
HIRL.

1300-0600Z. O/T O/R. ATND SKD  
1300-0600Z. O/T O/R. Customs: 1300-0600Z.  
O/T O/R.

CAUTION: Birds in vicinity of airport.

Rwy 11/29 between Rwy 29 threshold and Twy  
A and Twy A between Rwy 29 threshold and  
Rwy 20 threshold not visible from Tower.

**MEXICO**

Twy E-1 between Rwy 02/20 and Twy L 49' ABN. Fire 1.

(15m) wide. PCN: 40/F/B/X/U

F-4, Jet A-1.

ABN. Fire 6.

**Monterrey (Gen Mariano Escobedo Intl)** Apt of Entry

1276' MMMY MTY -06:00\* N25 46.7 W100 06.4

Apt Administration 81-8288-7700; Fax 81-8288-7700 ext 489. (55) 5802 8520, (55) 5802 8525.

**11/29** 9843' CONCRETE. PCN 94/R/B/X/T. HIRL. HIALS 11. HIALS 29.

**16/34** 5906' ASPHALT. PCN 51/F/B/X/T.

H24 ATND SKD H24. Customs: H24.

Birds in vicinity of airport.

F-4, Jet A.

ABN. Fire 7.

**Morelia (Gen Francisco J Mujica Intl)** Apt of Entry

6033' MMMM MLM -06:00\* N19 51.0 W101 01.5

Apt Administration 01 (443) 3 13 67 80, 01 (443) 3 13 68 33; Fax 01 (443) 312 68 68; jgamez@aeropuertosgap.com.mx.

**05/23** 11181' ASPHALT. PCN 62/F/A/W/T. HIRL. HIALS 23.

H24 ATND SKD H24. Customs: H24.

CAUTION: Birds on approaches to Rwy 5/23.

F-4, Jet A-1.

Fire 6.

**Nogales (Nogales Intl)** Apt of Entry

4010' MMNG NOG -07:00 N31 13.6 W110 58.6

Apt Manager 4-01-96.

**16/34** 5906' ASPHALT. PCN 22/F/B/X/U. MIRL. ATND SKD 1500-2359UTC. Customs.

F-4, Jet A.

**Nuevo Laredo (Quetzalcoatl Intl)** Apt of Entry

484' MMNL NLD -06:00\* N27 26.6 W099 34.2

Apt Administration Fax 01 (700) 6 53 14 05. 5802 8520, 5802 8525. Apt Manager 01 (700) 6 53 12 70.

**14/32** 6562' ASPHALT. PCN 50/F/A/X/T. HIRL. HIALS 14.

1400-0200Z. ATND SKD 1400-0200Z. Customs: 1400-0200Z.

Birds in vicinity of airport.

F-4, Jet A-1.

Fire 5.

**Oaxaca (Xoxocotlan Intl)** Apt of Entry

4989' MMOX OAX -06:00\* N16 59.9 W096 43.6

Apt Administration (951) 511 5332; Fax (951) 5016440.

**01/19** 8038' ASPHALT. PCN 57/F/A/X/T. HIRL. Rwy 19 Right-Hand Circuit.

1200-0200Z. O/T O/R. ATND SKD 1200-0200Z. O/T O/R. Customs: 1200-0200Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

CAUTION: Blind spots from tower.

Jet aircraft are to use minimum power when leaving apron to avoid damage to terminal.

Aircraft with wingspan larger than 131' (40M) shall not enter and leave the apron via TWY "A" (ALPHA).

Aircraft with wingspan larger than 131' (40M) are not allowed to taxi on TWY "D" (DELTA) between TWY "A" (ALPHA) and TWY "C" (CHARLIE).

Turbojet aircraft entering or leaving the commercial aviation apron shall be towed to avoid any damage to the terminal buildings.

F-4, Jet A-1.

**MEXICO**

Fire 6.

**Pablo L Sidar see Apatzingan**

**Pachuca (Ing Juan Guillermo Villasana)**

7600' MMPC -06:00\* N20 04.4 W098 47.0

ATS On Call when ATCT Clsd Clearance delivery ALBUQUERQUE ARTCC 505-856-4561.

**03/21** 5906' ASPHALT.

ATND SKD SR-SS.

Fuel: U.

**Palenque (Aeropuerto de Palenque)**

165' MMPQ PQM -06:00\* N17 32.0 W092 00.9

H24 (55) 5802 8525, 5802 8520.

**10/28** 8202' ASPHALT. PCN 79/F/B/X/T. HIRL.

0700-1900 LT ATND SKD 0700-1900 LT. Customs: 0700-1900 LT.

Jet A-1.

Fire 5.

**Piedras Negras (Piedras Negras Intl)** Apt of Entry

901' MMPG PDS -06:00\* N28 37.6 W100 32.1

Apt Administration 01 (878) 783 01 05; slwaero-puerto@hotmail.com.

**12/30** 6726' ASPHALT. PCN 14.2/F/A/X/U. LDA 12 6398'. HIRL.

1200-2400Z. O/T O/R. ATND SKD

1200-2400Z. O/T O/R. Customs: 1200-2400Z. O/T O/R.

F-4, Jet A-1.

Fire 4.

**Plan De Guadalupe Intl see Saltillo**

**Playa De Oro Intl see Manzanillo**

**Ponciano Arriaga Intl see San Luis Potosi**

**Poza Rica (Tajin)**

497' MMPA PAZ -06:00\* N20 36.1 W097 27.6

Apt Administration Fax 01 (700) 8 22 21 19. Apt Manager 01 (700) 8 24 04 90.

**08/26** 5906' ASPHALT. PCN 61/F/B/X/T. HIRL.

ATND SKD 1300-0100.

CAUTION: Birds in vicinity of airport.

Jet A-1.

ABN. Fire 4.

**Puebla (Hermanos Serdan Intl)** Apt of Entry

7361' MMPB PBC -06:00\* N19 09.5 W098 22.3

Apt Administration (222) 774 58 08, (227) 102 50 66, (227) 102 50 80; Fax (227) 102 50 80 ext. 1116; aip@aeropuertopuebla.com. (55) 5802 5802, (55) 5802 8525.

**17/35** 11811' ASPHALT. PCN 50/F/C/X/T. HIRL.

1300-0100Z. O/T O/R. ATND SKD 1300-0100Z. O/T O/R. Customs: 1300-0100Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

Fire 6.

**Puerto Escondido (Puerto Escondido Intl)**

Apt of Entry

294' MMPS PXM -06:00\* N15 52.6 W097 05.3

Apt Administration (954) 5 82 04 83; gsmarin@sct.gob.mx. (55) 5802 8520, (55) 5802 8525.

**09/27** 7566' ASPHALT. PCN 50/F/A/X/T. HIRL.

1300-0100Z. O/T O/R. ATND SKD 1300-0100Z. O/T O/R. Customs: 1300-0100Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

F-4, Jet A.

Fire 5.

## MEXICO

**Puerto Penasco (Del Mar de Cortes Intl)** Apt of Entry

88' MMPE PPE -07:00 N31 21.1 W113 18.3  
Apt Administration 638-383-6097/ 102-0293/  
383-6097; alonsodominguez@hotmail.com.

**18/36** 8202' CONCRETE. PCN 66/R/B/X/T. HIRL.

ATND SKD 1500-0000 UTC. Customs: 1500-0000 UTC.

F-4, Jet A.

Fire 6.

**Puerto Vallarta (Lic Gustavo Diaz Ordaz Intl)**

Apt of Entry

23' MMPR PVR -06:00\* N20 40.8 W105 15.3

Apt Administration 322-221-0047,  
322-221-1130, 322-221-1298, 322-221-1537;  
ssanabria@aerpuertosgap.com.mx.

**04/22** 10187' ASPHALT. PCN 60/F/A/W/T. HIRL. HIALS 04.

Rwy 22 Right-Hand Circuit.

H24. ATND SKD H24. Customs: H24.

CAUTION: Birds in the vicinity of the airport.

Final approach course aligns to taxiway that parallels the runway.

Aircraft entering and leaving the apron areas should use minimum power to avoid damage to installations.

F-4, Jet A.

ABN. Fire 9.

**Punta Pescadero**

33' PPC -06:00\* N23 47.9 W109 42.3

**11/29** 3281' ASPHALT.

**Queretaro (Queretaro Intl)** Apt of Entry

6296' MMQT QRO -06:00\* N20 37.0 W100 11.1

Apt Administration (442) 192 55 01; Fax (442) 192 55 15. H24 (55) 5802 8520, (55) 5802 8525.

**09/27** 11483' CONCRETE. PCN 93/R/A/W/T. ASDA 09 12631'. ASDA 27 12631'. HIRL.

H24 ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of airport.

CAUTION: Taxi safety lane "A" less than 133' (40.5 M) to the south due to presence of storm drain.

F-4, Jet A.

ABN. Fire 8.

**Quetzalcoatl Intl see Nuevo Laredo****Reynosa (Gen Lucio Blanco Intl)** Apt of Entry

139' MMRX REX -06:00\* N26 00.5 W098 13.7

Apt Administration 01 (899) 478 7000; reynosa@oma.aero. (55) 5802 5802, (55) 5802 8525.

**13/31** 6214' ASPHALT. PCN 40/F/A/X/T. RL.

Rwy 13 Right-Hand Circuit.

1300-0100Z. O/T O/R. ATND SKD 1300-0100Z. O/T O/R. Customs: 1300-0100Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

To exit commercial aviation apron, afctmust use minimum power.

F-4, Jet A.

ABN. Fire 6.

**Saltillo (Plan De Guadalupe Intl)** Apt of Entry

4778' MMIO SLW -06:00\* N25 33.0 W100 55.7

Apt Administration Fax (844) 4 88 13 93; www.sea.gob.com.mxseacoah@prodigy.net.mx. Apt Manager (844) 4 88 00 40, (844) 4 88 02 18.

**17/35** 9455' ASPHALT. PCN 40/F/A/X/T. MIRL.

Rwy 35 Right-Hand Circuit.

1300-0300Z. ATND SKD 1300-0300Z. Customs: 1300-0300Z.

Caution: Birds in vicinity of airport.

## MEXICO

TWY G between TWY D and THR RWY 35, wide 75' (23M) and PCN: 58/F/B/W/T

TWY H BTN TWY G AND RWY 17/35, wide 75' (23M) and PCN: 58/F/B/W/T.

TWY I BTN TWY G AND RWY 17/35, wide 75' (23M) and PCN: 58/F/B/W/T.

No fuel service after hrs.

F-4, Jet A-1.

Fire 5.

**San Blas**

10' MMSB -06:00\* N21 35.0 W105 20.0

07/25 3281' ASPHALT.

**San Felipe (San Felipe Intl)** Apt of Entry

98' MMSF SFH -08:00\* N30 55.9 W114 48.5

13/31 4921' ASPHALT. PCN 37/F/C/X/U. MIRL.

Pilot Controlled Lighting.

ATND SKD 1500-0100.

F-4, Jet A-1.

ABN. Fire 3.

**San Jose Del Cabo (Los Cabos Intl)** Apt of Entry

379' MMSD SJD -07:00\* N23 09.1 W109 43.2

Apt Administration 01 (624) 1 46 51 11; administracionsjd@aeropuertosgap.com.mx.

16/34 9856' ASPHALT. PCN 63/F/A/X/T. HIRL.

Rwy 34 Right-Hand Circuit.

1400-0400Z. ATND SKD 1400-0400Z. Customs: 1400-0400Z.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

Fire 7.

**San Luis Potosi (Ponciano Arriaga Intl)** Apt of Entry

6035' MMSP SLP -06:00\* N22 15.3 W100 55.8

Apt Administration 8 22 23 96; Fax 8 22 04 74.

04/22 3281' CONC/ASPH. PCN 20/F/A/X/T.

14/32 9843' CONC/ASPH. PCN 35.2/F/A/X/T. HIRL. HIALS 14.

H24 ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of airport.

All aircraft departing commercial aviation apron must be towed.

F-4, Jet A.

ABN. Fire 6.

**Tajin see Poza Rica**

**Tampico (Gen Francisco Javier Mina Intl)**

Apt of Entry

80' MMTM TAM -06:00\* N22 17.4 W097 51.9

Apt Administration 01 (833) 478 7000; tampico@oma.aero. Apt Manager 28-05-59.

09/27 3937' ASPHALT. PCN 23/F/B/X/T.

13/31 8366' ASPHALT. PCN 67/F/B/X/T. HIRL.

18/36 4009' ASPHALT. PCN 20/F/B/X/T.

Mon, Wed, Fri 1230-0330Z. Tue, Thu, Sat, Sun 1230-0300Z. O/T O/R. ATND SKD 1230-0330Z. O/T O/R. Customs: Mon, Wed, Fri 1230-0330Z. Tue, Thu, Sat, Sun 1230-0300Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

Maintain 1000' over the refinery.

Twy I usable for aircraft with AUW 11,023 lbs (5,000 kg.).

Area NW of NDB not visible from Tower. Use caution in transiting.

F-4, Jet A.

ABN. Fire 6.

**Tamuin**

164' MMTN TSL -06:00\* N22 02.3 W098 48.4

Apt Administration 01700 8660781; Fax 01700 8660345.

16/34 4593' ASPHALT. PCN 32/F/C/X/T.

ATND SKD 1500-2400LT.

**MEXICO**

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 2.

**Tapachula (Tapachula Intl)** Apt of Entry

97' MMTP TAP -06:00\* N14 47.7 W092 22.2

Apt Administration (962) 626 4189; Fax (962) 626 2291. (55) 5802 8520, (55) 5802 8525. Apt Manager 962-622-91.

**05/23** 6562' ASPHALT. PCN 57/F/A/X/T. HIRL.

H24. ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of airport.

F-4, Jet A.

ABN. Fire 6.

**Tehuacan**

5509' MMHC -06:00\* N18 30.0 W097 25.0

**13/31** 6562' ASPHALT.

ATND SKD SR-SS.

F-4, Jet A-1.

ABN.

**Tepec**

3020' MMEP TPQ -07:00\* N21 25.2 W104 50.6

Apt Administration Fax 01 (700) 8 69 18 40. Apt Manager 01 (700) 8 69 18 50.

**02/20** 7546' ASPHALT. PCN 42/F/C/X/T. MIRL.

ATND SKD 1300-0100.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 6.

**Teran (Gral de Div P A Angel H Corzo)**

1909' MMTB -06:00\* N16 44.4 W093 10.4

**17/35** 6626' ASPHALT. PCN 40/F/B/Y/T.

ATND SKD HJ.

CAUTION: Birds in vicinity of airport.

F-4, JP-1.

Fire 4.

**Tijuana (Gen Abelardo L Rodriguez Intl)** Apt of Entry

487' MMTJ TIJ -08:00\* N32 32.5 W116 58.2  
Apt Administration 01 (664) 6 07 82 00; mza-  
zueta@aeropuertosgap.com.mx. H24 (55) 5802  
8520, (55) 5802 8525.

**09/27** 9715' ASPH/CONC. PCN 64/F/A/X/T.  
HIRL. HIALS 09. HIALS 27.

Rwy 09 Right-Hand Circuit.

2300-1900Z. O/T O/R. ATND SKD  
2300-1900Z, O/T O/R. Customs: 2300-1900Z.  
O/T O/R.

CAUTION: Birds in vicinity of airport. IFR air-  
craft departing Imperial Beach. Practice firing  
area South of Imperial Beach.

CAUTION: Light, low altitude, uncontrolled,  
United States VFR traffic patrolling NORTH  
side of the border.

Acft over 11023 lbs (5000 kg) not permitted to  
stay overnight on the GA apron.

F-4, Jet A-1.

ABN. Fire 9.

**Toluca (Lic Adolfo Lopez Mateos Intl)** Apt of Entry

8466' MMTOL TLC -06:00\* N19 20.2 W099  
34.0

Apt Administration 722 279 28 00. (55) 5802  
8525, 5802 8520.

**15/33** 13780' ASPHALT. PCN 60/F/B/X/T. LDA  
33 13255'. HIRL. HIALS 15.

H24 ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of airport.

All general aviation aircraft must notify depar-  
ture and/or arrival operations to the flight info  
office (OSIV/TLC) on frequency 122.300Mhz

Recorded flight plan Tel: (722) 273 25 49

F-4, Jet A-1.

Fire 7.



## MEXICO

**Torreon (Torreon Intl)** Apt of Entry

3688' MMTC TRC -06:00\* N25 34.1 W103 24.6

Apt Administration 871 4 787 000 Ext: 4806, torreon@oma.aero.

**08/26** 4813' ASPHALT. PCN 104/F/B/X/T.

**13/31** 9039' ASPHALT. PCN 116/F/B/X/T. HIRL.

1300-0300Z. ATND SKD 1300-0300Z. Customs: 1300-0300Z.

CAUTION: Birds in vicinity of airport.

Aircrafts coming from foreign destinations under VFR flight plans must call 871-712-82-09 prior to their departure to this airport.

Aircraft with AUW greater than 44092 lbs (20000kg) must make all 180 Deg turns on the turning pads on Rwy 13/31.

F-4, Jet A.

ABN. Fire 6.

**Tulum (Estacion Aeronaval)**

7' MMTU -06:00\* N20 13.6 W087 25.9

**12/30** 6070' ASPHALT.

ATND SKD SR-SS.

Fire U.

**Tuxtla Gutierrez (Angel Albino Corzo)**

1491' MMTG TGZ -06:00\* N16 33.7 W093 01.6

Apt Administration (961) 1 53 60 68, (961) 1 53 60 69; Fax (961) 1 53 60 70, (961) 1 53 60 71.

**14/32** 8202' CONCRETE. PCN 100/R/B/W/T. HIRL.

1300-0500Z. O/T O/R. ATND SKD 1300-0500Z. O/T O/R. Customs: 1300-0500Z. O/T O/R.

CAUTION: Birds in vicinity of Apt.

F-4, Jet A.

ABN. Fire 6.

**Uruapan (Lic and Gen Ignacio Lopez Rayo)**

5258' MMPN UPN -06:00\* N19 23.8 W102 02.3

Apt Administration 01 (700) 8 76 43 92; Fax 01 (700) 8 76 64 90, 01 (700) 8 76 73 98.

**02/20** 7874' ASPHALT. PCN 54/F/B/X/T. MIRL.

ATND SKD 1300-0100.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1, JP-1.

ABN. Fire 5.

**Valle Del Fuerte International see Los Mochis****Veracruz (Gen Heriberto Jara Intl)** Apt of Entry

90' MMVR VER -06:00\* N19 08.7 W096 11.2

Apt Administration (229) 93 45 372; Fax (229) 93 49 008.

**01/19** 7874' ASPHALT. PCN 57/F/A/X/T. HIRL. HIALS 01.

5577' (1700m) PCN 66/R/B/X/T, 2297'(700m) PCN 57/F/A/X/T.

1200-0500Z. ATND SKD 1200-0500Z. Customs: 1200-0500Z.

CAUTION: Birds in vicinity of airport.

Turbojet Acft shall be towed when they leave the commercial aviation apron, so as to avoid material damages to the terminal building.

F-4, Jet A-1.

Fire 6.

**Villahermosa (C P A Carlos Rovirosa Intl)**

Apt of Entry

46' MMVA VSA -06:00\* N17 59.8 W092 48.9

Apt Administration (993) 3560 156; Fax (993) 3560 158. H24 (55) 5802 8520, (55) 5802 8525. ATS (993) 356 09 33.

**08/26** 7218' CONCRETE. PCN 59/R/B/X/T. HIRL. HIALS 08.

**MEXICO**

Rwy 26 Right-Hand Circuit.

1300-0300Z. O/T O/R. ATND SKD

1300-0300Z. O/T O/R. Customs: 1300-0300Z.

O/T O/R.

Birds in vicinity of airport.

All aircraft should be towed when departing commercial aviation ramp.

Aircraft with a wingspan larger than 148' (45M) shall not taxi on taxiway "C" (CHARLIE) between spots 1 to 6.

Aircraft with a wingspan larger than 148' (45M) shall enter and exit the apron via taxiway "A" (ALPHA).

F-4, Jet A.

Fire 7.

**Xoxocotlan Intl see Oaxaca**

**Zacatecas (Gen Leobardo C Ruiz Intl)** Apt of Entry

7141' MMZC ZCL -06:00\* N22 53.8 W102 41.1

Apt Administration 01 (478) 985 03 38; Fax 01 (478) 985 07 30.

**02/20** 9843' ASPHALT. PCN 59/F/B/X/T. HIRL.

ATND SKD 1300 to 0300. Customs.

CAUTION: 36 ft (11 m) high tension wires located on approach path for rwy 02. Birds in vicinity of airport.

Birds in vicinity of airport.

F-4, Jet A-1, JP-1.

ABN. Fire 6.

**Zamora**

5141' MMZM ZMM -06:00\* N20 02.7 W102 16.5

**18/36** 4921' ASPHALT.

ATND SKD 1300-0100.

CAUTION: Birds in vicinity of airport.

**NICARAGUA**
**Augusto Cesar Sandino Intl see Managua**
**Bluefields**

29' MNBL BEF -06:00 N11 59.4 W083 46.5  
**05/23** 5961' ASPHALT. PCN 26/F/D/Y/T. TODA  
 05 6568'.  
 1100-2300 UTC.  
 F-4.

**Bonanza**

597' MNBZ -06:00 N14 02.3 W084 37.5  
**01/19** 4692' GRAVEL. AUW-48.  
 SR-SS.

**Costa Esmeralda**

84' MNCE ECI -06:00 N11 25.7 W086 02.0  
**03/21** 5003' ASPHALT. TODA 21 5988'.  
 1200-2300Z.  
 Fire 4.

**Leon**

328' MNLN -06:00 N12 25.7 W086 54.2  
**09/27** 3048' ASPHALT. AUW-9.  
 SR-SS.

**Los Brasiles**

262' MNBR -06:00 N12 11.4 W086 21.2  
**09/27** 3002' ASPHALT.  
 SR-SS.  
 F-2, F-4.

**Managua (Augusto Cesar Sandino Intl) Apt of Entry**

194' MNMG MGA -06:00 N12 08.5 W086 10.2  
 Apt Administration 22331624-28; Fax  
 22631072. 22331925, 22333408; Fax  
 22331321.

**10/28** 8012' ASPHALT. PCN 71/F/A/X/T. TODA  
 10 8517'. TODA 28 8668'. RL.  
 H24 ATND SKD H24. Customs: H24.  
 Birds in vicinity of airport.

All pilots must comply with filing flight plan when departing in the allowed time frame, closing flight plan in the AIS office.

F-4, Jet A-1.  
 ABN. Fire 8 H24.

**Montelimar**

94' MNMR -06:00 N11 48.3 W086 30.6  
**05/23** 4757' ASPHALT. AUW-37.  
 SR-SS.

**N. Guinea**

689' MNNG -06:00 N11 41.0 W084 27.0  
**07/25** 3281' GRAVEL. AUW-10.  
 SR-SS.

**Puerto Cabezas**

43' MNPC PUZ -06:00 N14 02.8 W083 23.3  
**09/27** 8136' ASPHALT. PCN 33/F/C/Y/T. LDA  
 27 7939'.  
 1100-2300 UTC. Customs.  
 Birds in vicinity of airport.  
 All inbound acft must report at TILIK and at 10 NM of the station.  
 F-4.

**Rosita**

207' MNRT -06:00 N13 53.5 W084 24.2  
**05/23** 3117' GRAVEL. AUW-49.  
 SR-SS.

**San Juan de Nicaragua**

56' MNSN -06:00 N10 55.2 W083 42.5  
**10/28** 4921' CONCRETE. AUW-53.  
 1300-2300Z.

**Siuna**

479' MNSI -06:00 N13 43.0 W084 46.4  
**17/35** 3609' GRAVEL. AUW-48.  
 SR-SS.

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NICARAGUA**Waspan**

115' MNWP -06:00 N14 44.2 W083 58.3

**03/21** 4101' GRAVEL. AUW-9.

SR-SS.

## PANAMA

**Alonso Valderrama** see Chitre

**Balboa (Panama Pacifico)** Apt of Entry

52' MPPA BLB -05:00 N08 54.9 W079 36.0  
Apt Administration 507-238-2700,  
507-316-1577; Fax 507-316-1567; aipp@tocu-  
menpanama.aero. Apt Operator 507-316-1567,  
507-316-1568.

**18/36** 8501' ASPHALT. PCN 70/F/C/X/U.  
TODA 18 9502'. TODA 36 9495'. ASDA 18  
9502'. ASDA 36 9495'. HIRL. HIALS 36.

Rwy 36 Right-Hand Circuit.

1100-0300Z. ATND SKD 1100-0300Z. Cus-  
toms: 1100-0300Z.

CAUTION: Numerous vultures soaring in the  
vicinity.

Winds at midpoint may differ from reported sur-  
face winds.

Operations for aircraft weigh 12566 lb (5700  
KG) or above only.

Jet A. JASU. Oxygen.

ABN. Fire 7.

**Bocas Del Toro (Jose Ezequiel Hall)** Apt of  
Entry

5' MPBO BOC -05:00 N09 20.4 W082 15.0

Apt Administration 501-4121, 757-9208; Fax  
757-9208. ATS 757-9289.

**09/27** 4921' ASPHALT. AUW-27. HIRL.

1100-0300Z. Customs: Customs: 1100-2300.  
Immigration: 1100-2300. Other hours on  
request.

Birds in vicinity of airport.

**Calzada Larga (Cap. Alex H. Bosquez)**

394' MPCL -05:00 N09 09.9 W079 32.7

**18/36** 3287' ASPHALT.

SR-SS.

**Cap Scarlett R Martinez L Intl** see Rio Hato

**Cap. Alex H. Bosquez** see Calzada Larga

**Cap. Justiniano Montanegro** see Los Santos

**Cap. Krish E. Persaud** see Chame

**Cap. Manuel Nino** see Changuinola

**Chame (Cap. Krish E. Persaud)**

141' MPCM -05:00 N08 35.3 W079 53.4

**01/19** 3937' ASPHALT. RL. Pilot Controlled  
Lighting.

ATND SKD Sunrise-Sunset.

Model aircraft in vicinity of airport, Thursday -  
Sunday, 0600-2200Z, surface to 600'.

**Changuinola (Cap. Manuel Nino)** Apt of  
Entry

19' MPCH CHX -05:00 N09 27.5 W082 30.9

Apt Administration (507) 315-4111, (507)  
758-8231; Fax (507) 758-8331.

**03/21** 3609' ASPHALT. AUW-48.

Customs: 1100-2300 Mon-Fri.

JP-1.

**Chiriqui (Las Lajas)**

20' MPLA -05:00 N08 14.1 W081 53.0

**03/21** 3432' GRASS.

SR-SS.

**Chitre (Alonso Valderrama)**

40' MPCE CTD -05:00 N07 59.3 W080 24.6

Apt Administration H24 996-5178.

**01/19** 4921' ASPHALT. RL. Pilot Controlled  
Lighting.

ATND SKD SR-SS.

CAUTION: Birds in vicinity of airport.

F-3.

**Colon (Enrique A Jimenez)**

28' MPEJ ONX -05:00 N09 21.6 W079 52.0

**18/36** 8858' ASPHALT.

1100-0000Z. ATND SKD 1100-0000Z.

Birds in vicinity of airport.

ABN.

**PANAMA**
**Darien (Jaque)**

30' MPJE JQE -05:00 N07 31.0 W078 09.4

**13/31** 3937' CONCRETE.

Sunrise-Sunset.

**David (Enrique Malek Intl)** Apt of Entry

89' MPDA DAV -05:00 N08 23.3 W082 26.2

Apt Administration (507) 721-1072; Fax (507) 721-1214.

**04/22** 8530' ASPHALT. AUW-210. MIRL. Pilot Controlled Lighting.

1100 - 0300Z. ATND SKD 1100 - 2100Z. Customs: 1100 - 0300Z.

Birds in vicinity of airport.

F-3, JP-1.

ABN. Fire 7.

**Enrique A Jimenez see Colon**
**Enrique Malek Intl see David**
**Fernando Eleta see Pedro Gonzalez Island**
**Jose Ezequiel Hall see Bocas Del Toro**
**Las Lajas see Chiriqui**
**Los Santos (Cap. Justiniano Montanegro)**

155' MPPD -05:00 N07 32.1 W080 02.6

**17/35** 3281' ASPHALT. MTOW-15.

ATND SKD SS-SR.

**Marcos A Gelabert Intl see Panama City**
**Panama City (Marcos A Gelabert Intl)** Apt of Entry

31' MPMG -05:00 N08 58.4 W079 33.3

Apt Administration 501-9271; Fax 50-9260. 501-9292. ATS 501-9199.

**01/19** 5906' ASPHALT. PCN 30/F/B/Y/T. LDA 01 5463'. LDA 19 5364'. ASDA 01 6234'. MIRL.

Rwy 01 Right-Hand Circuit.

ATND SKD 1100-0300UTC. Customs: 1100-0300UTC.

CAUTION: Birds in vicinity of airport.

NOISE ABATEMENT WITHIN TMA:

-The over flight is restricted below 3000FT over city and until crossing the coast line.

-In schedule from 0100UTC to 1100UTC over flight on the city will be not permitted (any altitude).

F-3, JP-1.

ABN. Fire 5.

**Panama City (Tocumen Intl)** Apt of Entry

135' MPTO PTY -05:00 N09 04.3 W079 23.0

Apt Administration (507) 238-2712 (General); Fax (507) 238-2647. Apt Operator (507) 238-2601 (TWR), (507) 238-2857 (OPS). FSS (507) 238-2604. Gen Aviation (507) 238-2645.

**03L/21R** 8799' ASPH/CONC. PCN 74/F/C/W/U. LDA 03L 7976'. TODA 03L 8996'. TODA 21R 8996'. HIRL. HIALS 03L. ALS 21R.

Rwy 03L Right-Hand Circuit.

**03R/21L** 10007' CONCRETE. PCN 54/R/C/X/U. TODA 03R 10204'. TODA 21L 10204'. HIRL. HIALS 03R.

Rwy 03R Right-Hand Circuit.

ATND SKD Mon-Fri 1300-2130. Customs: H24.

CAUTION: Birds in vicinity of airport.

CAUTION: Taxiway H will continue to be limited to category C aircraft from intersection of taxiway J until aircraft stand 6.

NOISE ABATEMENT WITHIN:

- The over flight is restricted below 5000FT over city and until crossing the coast line.

- In schedule from 0100UTC to 1100UTC over flight on the city will be not permitted (any altitude).

Taxiway J, should continue using follow me procedures for aircraft category D,E.

**PANAMA**

F-4, Jet A, Jet A-1.

ABN. Fire 9.

**Panama Pacifico see Balboa**

**Pedro Gonzalez Island (Fernando Elela)**

311' MPFE -05:00 N08 24.7 W079 06.7

**01/19** 3281' ASPHALT. RL.

ATND SKD SR-SS.

**Rio Hato (Cap Scarlett R Martinez L Intl)**

121' MPSM -05:00 N08 22.8 W080 07.8

**17/35** 8038' ASPHALT. PCN 44/F/C/WT. TODA

17 8530'. TODA 35 8530'. RL.

1100-0300Z ATND SKD 1100-0300Z. Customs:

1100-0300Z

Birds in vicinity of airport.

CAUTION: A highway crosses through the runway length.

Avoid flight West of airport.

Approach airport from East:

Rwy 17 Right traffic pattern.

Rwy 35 Left traffic pattern.

Depart airport:

Rwy 17 direct South or turn Left for North departure.

Rwy 35 direct North or turn right for South departure.

Reaction aircraft and turbopropeller incorporate in an altitude of 1500 ft and piston aircraft 1000 ft.

F-4, Jet A-1.

Fire 7.

**Ruben Cantu see Santiago**

**Santiago (Ruben Cantu)**

273' MPSA -05:00 N08 05.1 W080 56.7

Apt Administration 501-2406, 988-4893.

**18/36** 4921' ASPHALT. AUW-13. Pilot Controlled Lighting.

SR-SS O/T tune UNICOM for commercial and private flights until 0300Z. State and rescue ACFT 24 hours.

F-3, J.

**Tocumen Intl see Panama City**



# Airport Directory

Airport Data - Caribbean



## ARUBA

**Aruba Island (Reina Beatrix Intl)** Apt of Entry

62' TNCA AUA -04:00 N12 30.1 W070 00.9  
Apt Administration (297) 524 2424; Fax (297) 583 4229. (297) 582-6497, 297 588 2479, 297 588 2483; Fax (297) 523-2665 ext. 243/699, (297) 582-6497 Fax After 6 rings.; csraruba@waviation.net, info@meteo.aw, observer@meteo.aw, weather@meteo.aw. ARO (297) 528-2711, (297)5242163.

**11/29** 9278' ASPH/CONC. PCN 68/F/A/W/T. TORA 11 9196'. TORA 29 9003'. LDA 11 8921'. LDA 29 8921'. TODA 11 9196'. TODA 29 9003'. ASDA 11 9196'. ASDA 29 9003'. HIRL.

Rwy 11 Right-Hand Circuit.

Rwy 11, last 82' (24m) not available for landing distance computations.

Rwy 29, last 275' (84m) not available for landing distance computations.

1100-0400Z. ATND SKD 1100-0300Z. Handling Mon-Fri, 1100-2030Z. Customs: 1100-0400Z.

CAUTION: Pilots, when making a left turn out while setting course, shall maintain special attention and exercise extreme caution to avoid entering the Restricted Area 4, "VADER PIET" TNR-4, when active.

All commercial aircraft, including cargo aircraft, need prior clearance/slot times from the Aruba Airport AuthorityN.V.

Birds in vicinity of airport.

Parachuting activities in vicinity of airport.

Overflying of oil refinery and oil installations below 2500 ft is prohibited.

Noise abatement procedures: All subsonic aircraft certified, in accordance with Chapter 2 of ICAO Annex 16 Vol. I, departing RWY 11 at Reina Beatrix International Airport, shall maintain runway heading for at least 6 DME from BEA/VOR or climb to 2500 ft. on runway heading, whichever comes first, before turning left or right on course.

US Customs Pre-clearance for General Aviation acft available daily from 1300Z-2300Z, during daylight saving time from 1300Z-2100Z. Pre-clearance service needs to be requested at least 48 hours before flight. Contact WAviation. VFR flights are not allowed between sunset and sunrise.

All flights (VFR or IFR) departing from Reina Beatrix International airport shall file a flight plan at the Air Traffic Service Reporting Office (ARO).

VFR flights within the Beatrix CTR shall maintain two-way radio communication with Beatrix App or Beatrix Twr and shall continuously monitor the frequency.

A clearance is required from Beatrix App or Beatrix Twr for all VFR operations in the CTR.

VFR flights shall be carried out via the published VFR routes and adhere to the approach procedures and traffic circuits as depicted, unless otherwise instructed by ATC.

VFR: built-up areas shall be Avoided as much as possible.

Approaching VFR flights shall contact Beatrix Twr/App at least 10 minutes before entering the CTR.

The VFR circuit altitude is 1500' AMSL or below.

100 octane, Jet A-1.

ABN. Fire 9.

**Reina Beatrix Intl see Aruba Island**

## BAHAMAS

**Abaco I (Leonard M. Thompson Intl)** Apt of Entry

8' MYAM MHH -05:00\* N26 30.6 W077 05.1  
Apt Administration 1-242-367-5500; Fax  
1-242-367-5500. 1-242-367-2675. Ground  
Services 1-242-367-2205, 1-242-367-3953.

**09/27** 6100' ASPHALT. PCN 17 F/B/X/U. RL.

SR-SS. ATND SKD 1200Z to SS. Customs:  
1400-2200Z. O/T O/R.

Except with the prior approval of the Director of  
Civil Aviation, between sunset and sunrise, Civil  
Aircraft must not take-off or land.

Night operations for emergency only.

F-4, Jet A.

Fire 5.

**Abaco I (Moore's I)**

11' MYAO -05:00 N26 19.1 W077 33.8

Apt Administration 1-242-366-6316.

**09/27** 3010' SAND/TRTD. HIRL.

SR-SS.

**Abaco I (Sandy Point)**

8' MYAS YAS -05:00\* N26 00.3 W077 23.7

Apt Administration 1-242-366-4001.

**10/28** 4500' ASPHALT. HIRL.

SR-SS. Customs.

Fire N.

**Abaco I (Treasure Cay)** Apt of Entry

10' MYAT TCB -05:00\* N26 44.7 W077 23.5

1-242-367-2675. Apt Manager 1-242-367-5500;  
Fax 1-242-367-5500.

**14/32** 7001' ASPHALT. PCN 35/F/B/X/U. ASDA  
14 7251'. ASDA 32 7251'. MIRL. MIALS 14.

SR-SS. Customs: Mon-Fri 1400-2200 UTC,  
Other times on request, overtime in effect.

Jet A.

Fire 4.

**Acklins I (Spring Point)**

15' MYAP -05:00\* N22 26.5 W073 58.2

Apt Administration 1-242- 344-2350.

**13/31** 5010' ASPHALT. HIRL.

SR-SS.

Fire N.

**Andros I (Clarence A Bain)**

12' MYAB -05:00\* N24 17.3 W077 41.1

Apt Administration 1 242 225 9782, 1 242 369  
0270. Ground Services On Call 242-369-0270,  
242-225-9782, 242-432-3670.

**09/27** 5015' BITUMEN. HIRL.

Sunrise to Sunset.

Except with the prior approval of the Director of  
Civil Aviation, between sunset and sunrise, Civil  
Aircraft must not take-off or land.

CAUTION: Ridges on shoulders.

Fire N.

**Andros I (Congo Town)** Apt of Entry

20' MYAK COX -05:00 N24 09.5 W077 35.4

Apt Administration 1-242-369-4900.  
1-242-369-2640.

**10/28** 5321' ASPHALT. LDA 28 4957'. HIRL.

SR-SS. Customs: Mon-Fri 1400-2200Z.

Arriving acft shall circle the aerodrome prior to  
landing to ensure no acft are utilizing the paral-  
lel taxiway.

Edge of the parallel taxiway is 15' from the  
edge of runway 09/27. Parallel taxiway is not to  
be utilized when other acft are conducting take-  
off or landing operations.

Fire N.

**Andros I (Fresh Creek)** Apt of Entry

11' MYAF ASD -05:00\* N24 41.9 W077 47.7

Apt Manager 1 242 368 2010.

**09/27** 4362' ASPHALT. MIRL.

SR-SS. Customs: 1400-2230Z.

## BAHAMAS

Except with the prior approval of the Director of Civil Aviation, between sunset and sunrise, Civil Aircraft must not take off or land.

Due to the proximity of the parallel taxiway from the edge of RWY 09/27, taxiway is not to be utilized during takeoffs and landings. Pilots landing are to circle the airport so as to insure compliance of other departing aircraft.

Fire N.

**Andros I (San Andros)** Apt of Entry

10' MYAN SAQ -05:00\* N25 03.2 W078 02.9

Apt Administration 1-242-329-2278. Customs: 242-329-2140, Immigration: 242-329-2140.

**12/30** 5002' BITUMEN. MIRL.

SR-SS. Customs: Daily 1400-2230Z.

Prior permission only. Contact Nassau ATS.

Except with the prior approval of the Director of Civil Aviation, between sunset and sunrise, Civil Aircraft must not take-off or land.

Fire N.

**Arthur's Town see Cat Island****Bimini I (South Bimini)** Apt of Entry

8' MYBS -05:00\* N25 42.0 W079 15.9

Apt Administration 1-242-347-3222. 1 242 347 4111.

**10/28** 5391' ASPHALT. PCN 30/F/A/X/T. HIRL. HIALS 10.

SR - SS. Customs: Daily: 1400 - 2200 Tel: 1-242-347-3100.

Except with the prior approval of the Director of Civil Aviation, between sunset and sunrise, Civil Aircraft must not take-off or land.

ABN. Fire 5.

**Cat Island (Arthur's Town)**

18' MYCA ATC -05:00\* N24 37.7 W075 40.3

Apt Administration 1-242-354-2043.

**14/32** 7000' UNKNOWN. HIRL.

Exercise caution when landing RWY 14/32: rough SFC and loose GRVL.

SR-SS.

Except with the prior approval of the Director of Civil Aviation, between sunset and sunrise, Civil Aircraft must not take-off or land.

Fire N.

**Cat Island (New Bight)** Apt of Entry

13' MYCB TBI -05:00\* N24 18.9 W075 27.1

Apt Administration 1-242-342-3031. Ground Services 1-242-342-2125.

**09/27** 4980' ASPHALT. RL.

SR-SS. ATND SKD 1400-2200Z. Customs: 1330-2200Z.

Fire 4.

**Clarence A Bain see Andros I****Congo Town see Andros I****Deadmans Cay see Long I****Duncan Town see Ragged Island****Eleuthera (North Eleuthera)** Apt of Entry

27' MYEH ELH -05:00\* N25 28.5 W076 40.9

Apt Administration 1-242-335-1242. 1 242 335 1208. Ground Services 242-335-1650.

**07/25** 6019' ASPHALT. PCN 17 F/B/X/U. MIRL.

SR-SS. ATND SKD Mon-Fri 1215Z-SS. O/T O/R. Customs: 1200Z-SS. O/T O/R.

Except with the prior approval of the Director of Civil Aviation, between sunset and sunrise, Civil Aircraft must not take-off or land.

F-3, Jet A-1.

Fire 5.

**Eleuthera I (Governors Harbour)** Apt of Entry

27' MYEM GHB -05:00\* N25 17.0 W076 19.8

Apt Administration 1-242-332-2321/7. Security: 242-335-1242. Ground Services 242-335-1650.

## BAHAMAS

**15/33** 8035' ASPHALT. PCN 30 F/B/X/U. LDA 15 7038'. MIRL. MIALS 15.

SR-SS, O/T O/R. ATND SKD SR-SS, O/T O/R. Customs: 1300-0100Z, O/T O/R.

F-4, Jet A-1.

Fire 4.

**Exuma (Exuma Intl)** Apt of Entry

9' MYEF GGT -05:00 N23 33.8 W075 52.7

Apt Administration 1-242-345-0607.

**12/30** 7000' ASPHALT. PCN 30/F/B/X/U. ASDA 12 7250'. ASDA 30 7250'. MIRL. MIALS.

SR-SS. ATND SKD Fueling: Sun-Mon, SR-SS. Customs: 1400-2200Z; O/T O/R.

Except with the prior approval of the Director of Civil Aviation, between sunset and sunrise, Civil Aircraft must not take-off or land.

Fuel hours available Sunrise -Sunset.

F-4, Jet A.

Fire 5.

**Freeport (Grand Bahama Intl)** Apt of Entry

7' MYGF FPO -05:00\* N26 33.5 W078 41.7

Apt Administration 1-242-352-6020, 242-350-4205, 242-350-4261; On Call 242-350-4202, 242-350-4270. Ground Services 242-350-4657, 242-727-0605; On Call 242-727-4043.

**06/24** 10979' ASPHALT. PCN 59/F/A/W/T. ASDA 06 11179'. ASDA 24 11179'. MIRL.

1100-0300Z. PPR ATND SKD 1200-0000Z. O/T O/R. Customs: H24.

CAUTION: Birds in the vicinity of airport.

Minimum safe altitude over city is 1500 ft.

ATS will not be available unless prior permission is obtained from the Airport Authorities.

Special consideration will be given to Lifeguard and Hospital Emergency Flights. Runway lighting turned off at closing time and turned on 30 minutes prior to expected arrivals.

Overtime charges for aerodrome services are levied between 0300-1100 Z.

F-3, Jet A-1.

ABN. Fire 7 CAT 5, 0400-1200Z.

**Fresh Creek see Andros I**

**Governors Harbour see Eleuthera I**

**Grand Bahama Intl see Freeport**

**Great Inagua I (Inagua)** Apt of Entry

17' MYIG IGA -05:00\* N20 58.5 W073 40.0

Apt Administration 339-1271. 339-1254.

**10/28** 7020' ASPHALT. HIRL.

SR-SS. ATND SKD SR-SS. Customs: 1400-2230Z.

F-4, Jet A.

Fire N.

**Inagua see Great Inagua I**

**Leonard M. Thompson Intl see Abaco I**

**Long I (Deadmans Cay)**

10' MYLD LGI -05:00\* N23 10.7 W075 05.6

Apt Administration 337-3030. Security: 337-0999.

**09/27** 4042' ASPHALT. HIRL.

SR-SS.

Loose gravel on Rwy.

Small pot holes first 1000' of Rwy 27. Rough surface primarily along centerline.

Vehicles crossing Rwy at random.

Wild animals grazing on Rwy shoulders.

**Long I (Stella Maris)**

7' MYLS SML -05:00\* N23 35.0 W075 16.1

Apt Administration 1-242-337-3030. On Call 1-242-338-2012.

**13/31** 4019' MACADAM.

Sunrise to Sunset. Customs: 1200-2400Z.

F-4, Jet A-1.

## BAHAMAS

**Lynden Pindling Intl see Nassau****Mayaguana**

16' MYMM MYG -05:00\* N22 22.8 W073 00.8

Apt Administration 339-3100. Security: 339-3666.

**06/24** 6700' ASPHALT. HIRL.

SR-SS.

Rescue equipment limited to fire extinguishers.

Capacity for removal of disabled aircraft, extremely limited for light aircraft only.

Fire N.

**Moore's I see Abaco I**

**Nassau (Lynden Pindling Intl)** Apt of Entry

16' MYNN NAS -05:00\* N25 02.3 W077 28.0

Apt Administration 702-1000; Fax 377-0294. 377-7178, Security: 377-2001, Security: 377-2002. FSS 377-7116/2006 (Emergency: 377-2040), 702-7316. Ground Services 377-3355, 677-1288; Fax 377-3470.

**09/27** 8273' ASPHALT. PCN 52/F/C/X/T. MIRL.

**14/32** 10920' ASPHALT. PCN 52/F/C/X/T. MIRL.

H24. ATND SKD Sun-Mon: 1000Z- 0200Z, O/T PNR. Customs: Bahamian Customs and Immigration Clearance: H24. US Pre-clearance facilities 1000-0100Z daily.

No aircraft, aircraft engine, or propeller repair should take place at parking gates used for passenger

loading/off-loading.

Aircraft engine test runs shall be conducted only at the approximate midpoint on Taxiway I for aircraft weighing 15,000 pounds or more. Aircraft engine test runs for aircraft weighing less than 15,000 pounds shall be conducted only at other select areas at the discretion of Air Traffic Services.

Runway 27 is used strictly for visual maneuvering.

Twy Juliet closed to all Acft exceeding Cat C and available during daylight hrs only.

All VFR and IFR flights operating in and thru Nassau FIR/CTC arriving and departing MYNN are required to file a plan with Nassau RDO 128.00 MHZ or 124.200 MHZ prior to 25 DME from ZQA. Non compliant aircraft with the intent to operate within Nassau CTA/FIR will not be authorized or permitted.

F-4, Jet A-1.

ABN. Fire 8.

**New Bight see Cat Island****New Port Nelson see Rum Cay****Ragged Island (Duncan Town)**

6' MYRD DCT -05:00\* N22 11.0 W075 44.0

Apt Administration 344-1508. Security: 344-1534.

**13/31** 3800' ASPHALT. HIRL.

SR-SS.

Fire N.

**Rock Sound** Apt of Entry

16' MYER RSD -05:00\* N24 53.5 W076 10.7

Customs: 1 242 334 2112, Immigration: 1 242 334 2055; H24 (242) 334-2112(242) 334-2055; On Call 1-242-334-2052. Ground Services 1-242-334-2177.

**09/27** 7213' ASPHALT. MIRL.

H24. Customs: 1200-0100Z; O/T O/R.

Except with the prior approval of the Director of Civil Aviation, between sunset and sunrise, Civil Aircraft must not take-off or land.

CAUTION: Horses crossing runway.

F-4, Jet A-1.

Fire N.

## BAHAMAS

**Rum Cay (New Port Nelson)**

9' MYRP RCY -05:00\* N23 41.0 W074 50.2

Apt Administration 331-2854.

**09/27** 4470' ASPHALT. MTOW-43 estimated,  
DASH 8-300 or Equivalent. RL.

SR-SS.

Only turboprop/piston aircraft recommended for  
frequent, scheduled service.

Fire N.

**San Andros see Andros I**

**San Salvador (San Salvador Intl)** Apt of  
Entry

30' MYSM ZSA -05:00\* N24 03.8 W074 31.4

Apt Administration 242-331-2202. Customs:  
242-331-2131, Immigration: 242-331-2100.  
Ground Services 242-331-2125.

**10/28** 8000' ASPHALT. PCN 52/F/A/X/T. ASDA  
10 8200'. ASDA 28 8760'. MIRL.

Stopway distance on Rwy 10 end is limited by  
pavement installation of SALS equipment for  
rwy 10 operations.

SR-SS. Customs: 1400-2200Z. O/T O/R.

Jet A, Jet A-1.

ABN. Fire 7.

**Sandy Point see Abaco I****South Bimini see Bimini I****Spring Point see Acklins I****Staniel Cay**

5' MYES TYM -05:00\* N24 10.1 W076 26.3

Apt Administration 242-236-2166. On Call  
242-355-2042.

**17/35** 3030' BITUMEN. HIRL.

SR-SS.

Fire N.

**Stella Maris see Long I****Treasure Cay see Abaco I**

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BARBADOS**Bridgetown (Grantley Adams Intl)** Apt of

Entry

169' TBPB BGI -04:00 N13 04.5 W059 29.5

Apt Administration 536-1300, 536-1302; Fax 536-1356.

**09/27** 11017' ASPHALT. PCN 82/F/A/W/T. TODA 09 11509'. HIRL. HIALS 09.

H24 ATND SKD 1030-0400Z. O/T O/R. Customs: H24.

Flights below 1500 over built up areas not authorized.

Kite flying prohibited within 3 nm of airport perimeter.

Pilots exercise caution and report any sightings on the area.

F-4, Jet A-1.

ABN. Fire 9.

**Grantley Adams Intl see Bridgetown**

**BERMUDA**
**Bermuda Is (L F Wade Intl) Apt of Entry**

18' TXKF BDA -04:00\* N32 21.8 W064 40.7  
 Apt Administration (441) 293-2470; Fax (441)  
 293-4504. Ground Services 1 441 293 1333, 1  
 972 210 5821; Fax 1 441 293 8529;  
 brian.mccormick@menziesaviation.com.

**12/30** 9705' ASPHALT. PCN 80/F/A/W/U. LDA  
 12 9127'. HIRL. ALS 12. HIALS 30. Pilot Con-  
 trolled Lighting.

1100-0300Z. ATND SKD 1000-0300Z. O/T  
 O/R. Customs: 1430-0300Z. Officer on call after  
 hrs.

**CAUTION:** Is advised while taxiing, portions of  
 taxiway not visible to tower.

PPR for aircraft registered in non-ICAO States.

PPR for all military code D, E, F and Search  
 and Rescue Acft on mission critical operations,  
 as parking area restrictions apply. Straight-in-  
 parking only at all parking points on Apron I.

Parking on Apron II is limited to C-130 or  
 smaller Acft operations. Prior coordination  
 required with aerodrome operations.

Aircraft landing on Rwy 30 will normally clear  
 the Rwy directly onto Twy Bravo.

Aircraft landing on Rwy 12 will normally be  
 required to clear left and use Twy Alfa, and  
 then contact Bermuda Ground Control 124.5  
 MHz for instructions to the Passenger Terminal  
 Ramp Area (Apron I).

A corporate and private handling facility is loca-  
 ted on the North Ramp (Apron II).

The surface wind information contained in the  
 ATIS broadcast is reported in degrees true; the  
 current magnetic variation at Bermuda is 15°W.

Twy Foxtrot and Twy Bravo leading into apron  
 III are limited to code C Acft.

All Acft operations at L. F. Wade International  
 Airport (TXKF) are to comply with the environ-  
 mental

noise standards as detailed in Chapter 3 or 4 to  
 ICAO Annex 16.

Operation of Aircraft Auxiliary Power Unit is  
 limited to 45 min before scheduled take-off and  
 shut

down as soon as possible when Acft is parking  
 on Apron IV.

There is a potential for light to moderate turbu-  
 lence and/or wind shear to be encountered by  
 Acft

conducting approaches to Rwy 12 and 30,  
 when the wind direction originates from the  
 NE quadrant, and in excess of 15 knots at the  
 surface. This turbulence is generally associated  
 with nearby topography to the N.

All Acft are prohibited from making 180-degree  
 turns on Rwy 12/30 unless instructed to do so  
 by Bermuda Tower.

Jet A-1. JASU.

ABN. Fire 9 1100-0300Z.

**L F Wade Intl see Bermuda Is**



## CAYMAN IS

**Cayman Brac (Charles Kirkconnell Intl)** Apt of Entry ABN. Fire 7 Mon-Fri 1330-2200Z. O/T O/R.

4' MWCB CYB -05:00 N19 41.2 W079 53.0  
Apt Manager 345-948-1222; Fax  
345-948-1583.

**Roberts Intl see Grand Cayman**

**09/27** 6001' ASPHALT. PCN 44/F/A/W/T.  
TODA 09 6493'. TODA 27 6493'. HIRL.

1200-0000Z. ATND SKD 1200-1530Z and  
1830-2330Z. O/T O/R. Customs: Mon - Fri  
1330 - 2130Z. Sat 1330 - 1830Z. Sun and Hol  
O/R.

Birds in vicinity of airport.

Cat 7 Fire Protection available O/R.

Jet A-1.

ABN. Fire 4 1200-1530Z and 1830-2330Z. O/T  
O/R.

**Charles Kirkconnell Intl see Cayman Brac**

**Grand Cayman (Roberts Intl)** Apt of Entry  
8' MWCR GCM -05:00 N19 17.6 W081 21.5  
Apt Administration (345) 943 7070; Fax (345)  
943 7071.

**08/26** 7005' ASPHALT. PCN 26/F/B/W/T.  
TORA 08 6598'. LDA 08 6598'. LDA 26 6598'.  
TODA 08 7497'. TODA 26 7497'. ASDA 08  
6598'. HIRL. ALS 08.

1200-0200Z. O/T O/R with request by 1500Z.  
ATND SKD 1200-0200Z. O/T O/R with request  
by 1500Z. Customs: 1200-0200Z. O/T O/R with  
request by 1500Z.

Birds in vicinity of airport.

Aircraft shall not make final turn over George  
Town for landing rwy 08.

Flights below 1500 ft are prohibited.

VFR training flights are NOT permitted at night.

Outside AD HR, fire fighting service to be  
requested.

Fire fighting service CAT 9 available on  
request.

F-3, Jet A-1.

## CUBA

**Abel Santamaria Intl** see Santa Clara

**Alberto Delgado** see Trinidad

**Antonio Maceo Intl** see Santiago De Cuba

**Baracoa (Gustavo Rizo)**

26' MUBA BCA -05:00\* N20 21.9 W074 30.4  
Apt Administration (21) 4 5375; Fax (21) 4 5376; eudis.romero@scu.ecasa.avianet.cu.

**16/34** 5906' CONCRETE. PCN 20/R/B/W/U.  
LDA 16 5741'. LDA 34 5741'. ASDA 16 6119'.  
ASDA 34 5971'.

Wed, Fri, Sat, 1200-2000Z. Tue, Thu, Sun,  
1100-1800Z. O/T O/R 24 hrs PNR.

Fire 4.

**Bayamo (Carlos M de Cespedes)**

203' MUBY BYM -05:00\* N20 23.8 W076  
37.3

Apt Administration (23) 42 7514; mar-  
cos.oro@hog.ecasa.avianet.cu.

**08/26** 6886' ASPHALT. PCN 20/F/B/W/U. LDA  
08 6545'. LDA 26 6722'.

Mon-Fri, 1200-2000Z. O/T O/R 24 hrs PNR.

Night operations not authorized.

Jet A-1.

Fire 4.

**Caimito (Playa Baracoa)**

102' MUPB -05:00\* N23 02.0 W082 34.8

Apt Administration 7 208 8318, 7 833 5423.

**03/21** 7562' ASPHALT. LDA 03 6578'. LDA 21  
6578'. ASDA 03 7759'. RL.

H24.

Jet A-1.

ABN. Fire 4.

**Camaguey (Ignacio Agramonte Intl)** Apt of  
Entry

407' MUCM CMW -05:00\* N21 25.2 W077  
50.8

Apt Administration (32) 26 1889; Fax (32) 28  
7133; rene@cmw.ecasa.avianet.cu.

**07/25** 9843' ASPHALT. PCN 57/F/B/X/T. ASDA  
07 10039'. ASDA 25 10039'. HIRL. ALS 07.

Tue, Wed, Fri, Sat, Sun, 1200-0400Z. Mon,  
Thu, 1200-2300Z. O/T O/R 48 hrs PNR. ATND  
SKD Tue, Wed, Fri, Sat, Sun, 1200-0400Z.  
Mon, Thu, 1200-2300Z. O/T O/R 48 hrs PNR;  
consult NOTAMS. Customs: Tue, Wed, Fri, Sat,  
Sun, 1200-0400Z. Mon, Thu, 1200-2300Z. O/T  
O/R 48 hrs PNR.

Balloon activity in vicinity of airport.

Aircraft MTOW of 25 TON and more are pro-  
hibited to make 180 degree turns at any place  
of runway, except at the ends of runways  
07/25.

Left traffic circuit, unless ATC instructs other-  
wise.

F-4, Jet A-1.

ABN. Fire 8.

**Carlos M de Cespedes** see Bayamo

**Cayo Coco (Jardines del Rey Intl)** Apt of  
Entry

13' MUCC CCC -05:00\* N22 27.7 W078  
19.7

Apt Administration (33) 30 9161, (33) 30 9162,  
(33) 30 9163, (33) 30 9164, (33) 30 9165; Fax  
(33) 30 9159; emerio@avi.ecasa.avianet.cu.

**08/26** 9843' ASPHALT. PCN 57/F/B/X/T esti-  
mated. ASDA 08 10039'. ASDA 26 10039'. RL.  
MIALS 08.

1200-2359Z. O/T O/R 48 hrs PNR. For delayed  
flights AD open til 0500Z with previous coordi-  
nation. ATND SKD 1200-2359Z. O/T O/R 48  
hrs PNR. Customs: 1200-2359Z. O/T O/R 48  
hrs PNR.

Aircraft MTOW of 55116 lbs (25 t) and more are  
prohibited to make 180 Deg turns at any place  
of Rwy, except at the ends of Rwy 08/26.

Jet A-1.

**CUBA**

ABN. Fire 9.

**Cayo Largo Del Sur (Vilo Acuna Intl)** Apt of Entry

10' MUCL CYO -05:00\* N21 37.0 W081 32.7

Apt Administration (53-45) 24 8207 / 24 8141 to 146 EXT 187 / 121; Fax (45) 24 8205, (45) 24 8207; direccion@cyo.ecasa.avianet.cu.

**12/30** 9843' ASPHALT. PCN 50/F/B/X/U. ASDA 12 10039'. ASDA 30 10039'. MIRL. MIALS 12.

1200/2359Z. Domestic flights O/T O/R 24H PNR. ATND SKD 1200/2359Z. Domestic flights O/T O/R 24H PNR. Customs: 1200/2359Z.

Aircraft more than MTOW 25 TON not authorized to make 180° turns on runway 12/30. The turns will be possible only in runway ends (apron taxiway) of Rwy 12/30.

Left traffic circuit, unless the ATC indicates another one.

Jet A-1.

ABN. Fire 9.

**Cayo Las Brujas (Las Brujas)**

13' MUBR BWW -05:00\* N22 37.3 W079 08.8

Apt Administration (42) 350009; Fax (42) 350064; direccionbww@vra.ecasa.avianet.cu. 042-350-009.

**09/27** 5906' ASPHALT. PCN 20/F/B/W/U. ASDA 09 6102'. ASDA 27 6102'.

Fire 4.

**Cienfuegos (Jaime Gonzalez Intl)**

102' MUCF CFG -05:00\* N22 09.0 W080 24.8

Apt Administration (432) 55 2235; Fax (432) 55 1328, boris@vra.ecasa.avianet.cu.

**02/20** 7874' ASPHALT. PCN 50/F/B/W/U. ASDA 02 7972'. ASDA 20 7972'. MIRL.

Sat-Thu, 1300-2100Z. Fri, 1800-0200Z. O/T O/R 48 hrs PNR. ATND SKD Sat-Thu,

1300-2100Z. Fri, 1800-0200Z. O/T O/R 48 hrs PNR. Customs: Sat-Thu, 1300-2100Z. Fri, 1800-0200Z. O/T O/R 48 hrs PNR.

Jet A-1.

Fire 6.

**Frank Pais Intl see Holguin**

**Guantanamo (Mariana Grajales)**

56' MUGT GAO -05:00\* N20 05.1 W075 09.5

Apt Administration (21) 35 5454, (21) 35 5912; gope@scu.ecasa.avianet.cu.

**17/35** 8025' ASPHALT. PCN 40/F/B/W/U. LDA 17 7874'. LDA 35 7182'. ASDA 17 8222'. ASDA 35 8615'.

Tue, Fri, Sat, Sun, 1600-2000Z. O/T O/R 24 hrs PNR.

CAUTION: High-tension line 3652 ft (1113m) from threshold rwy 17.

All aircraft are prohibited to make 180 Deg turn at any runway area. Authorized turn of the aircraft at the Rwy 17/35 end at the concrete area.

Jet A-1.

Fire 5.

**Gustavo Rizo see Baracoa**

**Havana (Jose Marti Intl)** Apt of Entry

210' MUHA HAV -05:00\* N22 59.3 W082 24.5

Apt Administration (53-7) 266 4513; aijm@hav.ecasa.avianet.cu.

**06/24** 13123' CONC/ASPH. PCN 57/F/B/X/T. TODA 24 13451'. ASDA 06 13320'. ASDA 24 13320'. HIRL. HIALS 06.

H24 ATND SKD H24. Customs: H24.

Birds in the vicinity of the airport.

**NOISE ABATEMENT PROCEDURES**

The use of auxiliary power is restricted before ascending to 2000FT. The pilots will be able to omit this procedures in cases of safety.

**CUBA**

F-4, Jet A-1.

ABN. Fire 9.

**Hermanos Ameijeiras see Las Tunas**

**Holguin (Frank Pais Intl)** Apt of Entry

361' MUHG HOG -05:00\* N20 47.1 W076 18.9

Apt Administration (24) 42 5271; Fax (24) 46 8087. Apt Operator cperez@hog.ecasa.avianet.cu.

**05/23** 10623' ASPHALT. PCN 57/F/B/X/U. LDA 05 10295'. ASDA 05 10820'. ASDA 23 10919'. MIRL. MIALS 05.

Rwy 23 Right-Hand Circuit.

H24 ATND SKD 1200-0500Z O/T O/R 48H PNR. Customs: 1200-0500Z O/T O/R 48H PNR.

Birds in vicinity of the airport.

Radio required.

All aircraft are prohibited to make 180° turns at any place along the rwy, except at the end of Rwy 05/23. TWY "B" limited to Military ACFT.

TWY "A" & "C" unserviceable for ACFT heavier than 52911lb (24 tons).

Jet A-1.

ABN. Fire 9.

**Ignacio Agramonte Intl see Camaguey**

**Jaime Gonzalez Intl see Cienfuegos**

**Jardines del Rey Intl see Cayo Coco**

**Jose Marti Intl see Havana**

**Juan G. Gomez Intl see Varadero**

**Las Brujas see Cayo Las Brujas**

**Las Tunas (Hermanos Ameijeiras)**

328' MUVT VTU -05:00\* N20 59.3 W076 56.1

Apt Administration (53-031) 34 6874; ramon@cmw.ecasa.avianet.cu.

**05/23** 5971' ASPHALT. PCN 20/F/B/W/U. LDA 05 5643'.

Jet A-1.

Fire N.

**Manzanillo (Sierra Maestra)**

112' MUMZ MZO -05:00\* N20 17.3 W077 05.3

Apt Administration (23) 5 77460.

**08/26** 7874' ASPHALT. PCN 42/F/B/X/U. ASDA 08 8071'. ASDA 26 8071'. MIRL. ALS 08.

Mon-Fri, 1300-2100Z. Night Ops 48 hrs PNR. ATND SKD Mon-Fri, 1300-2100Z. Night Ops 48 hrs PNR. Customs: Mon-Fri, 1300-2100Z. Night Ops 48 hrs PNR.

Night OPS 48H PNR.

Birds in vicinity of apt.

Jet A-1.

ABN. Fire 6.

**Mariana Grajales see Guantanamo**

**MOA (Orestes Acosta)**

16' MUMO MOA -05:00\* N20 39.2 W074 55.3

Apt Administration (24) 6 7916; alexander.verdecia@hog.ecasa.avianet.cu.

**07/25** 6102' ASPHALT. PCN 20/F/B/W/U. LDA 07 5935'. ASDA 07 6430'. ASDA 25 6309'.

Mon-Fri, 1300-2100Z. O/T O/R 24 hrs PNR.

CAUTION: 358 ft high tension line 11,647 ft (3550M) from rwy 07 on runway centerline.

Fire 4.

**Nueva Gerona (Rafael Cabrera)**

79' MUNG GER -05:00\* N21 50.1 W082 47.0

Apt Administration 46 32 1416; Fax 46 32 4245; direccion@ger.ecasa.avianet.cu.

**05/23** 8202' ASPHALT. ASDA 05 8399'. ASDA 23 8399'. RL. ALS 05.

## CUBA

**18/36** 5325' ASPHALT. ASDA 18 5587'. ASDA 36 5604'.

0950-1300Z and 2100-2359Z. O/T O/R 24H PNR.

Rwy 18/36 closed.

ABN. Fire 4.

**Orestes Acosta see MOA**

**Playa Baracoa see Caimito**

**Rafael Cabrera see Nueva Gerona**

**Santa Clara (Abel Santamaria Intl)**

338' MUSC SNU -05:00\* N22 29.5 W079 56.6

Apt Administration (42) 20 1411, (42) 28 4102, (42) 28 4103; omar@snu.ecasa.avianet.cu.

**08/26** 9898' ASPHALT. PCN 66/F/B/X/U. TODA 08 10095'. TODA 26 10554'. ASDA 08 10095'. RL. MIALS 08.

Rwy 26 Right-Hand Circuit.

Weight Bearing Capacity: First 1312' (400m) of Rwy 08 and last 1312' (400m) of Rwy 26 PCN 90 R/C/W/T.

1300-0700Z. O/T O/R 24H PNR. ATND SKD 1300-0700Z. O/T O/R 24H PNR. Customs: 1300-0700Z. O/T O/R 24H PNR.

CAUTION: Helicopter flights.

Taxiways C, G, H limited to Military aircraft. TWY D, E and F CLSD.

Birds in vicinity of apt.

Jet A-1.

ABN. Fire 8.

**Santiago De Cuba (Antonio Maceo Intl)** Apt of Entry

249' MUCU SCU -05:00\* N19 58.2 W075 50.1

Apt Administration (22) 69 8614; Fax (22) 68 6264; raul@scu.ecasa.avianet.cu.

**01/19** 4593' ASPHALT. PCN 20/F/A/X/T.

**10/28** 13130' ASPHALT. PCN 50/F/A/X/T. TORA 10 12933'. TORA 28 12638'. LDA 10 11949'. LDA 28 11654'. TODA 10 12933'. TODA 28 12638'. ASDA 10 12933'. ASDA 28 12638'. RL.

H24 ATND SKD 1200-0500Z; O/T O/R 24hr PNR. Customs: 1200-0500Z; O/T O/R 24hr PNR.

CAUTION: Limited visibility from Twr to Rwy 01/19.

Bird concentration in vicinity of airport: Night activity belongs to Barn Owls flying at low altitude to the north of Rwy 10, and little Hawks that show up between 2200-2400 UTC at heights more than 131' (40M).

Traffic circuit south of aerodrome, unless ATC indicates otherwise.

Heavy Acft parked in position 1 prohibited from using Twy Bravo to access Rwy 10/28.

All aircraft are prohibited from making 180 Deg turns on Rwy 10/28 between Rwy end 10 to intersection with Rwy 01/19. Only light aircraft with MTOW till 52911 lbs (24 tons) are authorized to make 180 Deg turns on Rwy 10/28 after intersection of Rwy 01/19 with Rwy end 28. Free turns will be possible only in turning areas on both Rwy ends 10/28.

Jet A-1.

ABN. Fire 8.

**Sierra Maestra see Manzanillo**

**Trinidad (Alberto Delgado)**

125' MUTD -05:00\* N21 47.3 W079 59.8

Apt Administration (41) 96393; trinidad@avi.ecasa.avianet.cuc.

**06/24** 5909' ASPHALT. PCN 20/F/B/W/U. LDA 24 4925'. ASDA 24 6106'. RL.

Many unlighted obstacles by THR 24. Night arrivals to RWY 24 prohibited. Night departures from RWY 06 prohibited.

Fire 3.

## CUBA

**Varadero (Juan G. Gomez Intl)** Apt of Entry

210' MUVR VRA -05:00\* N23 02.1 W081  
26.1

Apt Administration (45) 24 7015 ext 2525/2526;  
Fax (45) 25 3612; secretarias@vra.ecasa.avia-  
net.cu.

**06/24** 11490' ASPHALT. PCN 52/F/A/X/T.  
TODA 06 12474'. ASDA 06 11686'. ASDA 24  
11686'. HIRL. ALS 06. MIALS 24.

H24 ATND SKD H24. Fuel B-100 O/R 3 hrs  
PNR. Customs: H24.

Bird concentration in the vicinity of the airport.

Traffic pattern south of aerodrome, unless  
directed by ATC.

F-4, Jet A-1.

ABN. Fire 9.

**Vilo Acuna Intl see Cayo Largo Del Sur**

**DOM REP**
**Arroyo Barril**

57' MDAB -04:00 N19 12.0 W069 26.0

**11/29** 3806' ASPHALT.

SR-SS.

**Barahona (Maria Montez Intl)**

12' MDBH BRX -04:00 N18 15.1 W071 07.2

Apt Administration (809) 524-4144; Fax (809) 524-4157.

**12/30** 9843' ASPHALT. RL.

H24. Customs: SR-SS.

180 degree turns permitted only at runway ends for heavy aircraft.

Operations limited to VFR flight only.

F-3, Jet A-1.

ABN. Fire 3.

**Batey Cacata see La Romana**
**Cabo Rojo**

262' MDCR CBJ -04:00 N17 55.7 W071 38.7

**11/29** 4921' ASPHALT. S 22.

ATND SKD SR-SS.

**Casa De Campo Intl see La Romana**
**Cibao Intl see Santiago**
**Constanza**

3953' MDCZ COZ -04:00 N18 54.4 W070 43.3

**09/27** 6693' ASPHALT. S 22.

ATND SKD SR-SS.

**Cueva De Las Maravillas (La Romana)**

100' MDSP -04:00 N18 27.1 W069 10.1

**11/29** 3934' ASPHALT. SIWL 2.

SR-SS.

**Dajabon**

66' MDDJ -04:00 N19 33.8 W071 40.8

**07/25** 5577' GRASS. S 22.

ATND SKD SR-SS.

Fire U.

**El Catey Intl see Samana**
**El Higuero Intl see Santo Domingo/El Higuero**
**El Portillo**

30' MDPO EPS -04:00 N19 19.0 W069 30.0

**09/27** 3675' ASPHALT. Rwy 09 Runway closed. Rwy 27 Runway closed.

ATND SKD SR-SS.

**Gregorio Luperon Intl see Puerto Plata**
**Higüey (Punta Cana Intl)** Apt of Entry

47' MDPC PUJ -04:00 N18 34.2 W068 22.0

Apt Administration (809) 959-2376; terminal-vip@puntacana.com. (809) 959-9911. Ground Services (809) 959-0024, (809) 959-0138, (829) 745-8932; terminalfbo@puntacana.com.

**08/26** 10171' ASPHALT. PCN 83/F/A/X/T. TODA 08 11483'. TODA 26 11483'. HIRL.

**09/27** 10171' ASPHALT. PCN 57/F/A/X/U. TODA 09 11155'. TODA 27 11155'. HIRL.

H24 ATND SKD H24. Customs: H24.

Heavy aircraft 180 degree turns must be made on runway ends on the concrete surface only.

CAUTION - First third of rwy 09 will be considered slippery surface when wet.

Twy C closed.

Use of VIP terminal apron PPR by email.

Turns on apron greater than 90 deg must be coordinated with ATC and Apt Ops.

F-4, Jet A.

ABN. Fire 9.

**La Romana (Batey Cacata)**

312' MDBC -04:00 N18 28.8 W068 54.9

**09/27** 3281' GRASS.

ATND SKD SR-SS.

## DOM REP

**La Romana (Casa De Campo Intl)** Apt of Entry

240' MDLR LRM -04:00 N18 27.1 W068 54.7

Apt Administration (809) 813-9000; Fax (809) 813-9012.

**11/29** 9678' CONCRETE. PCN 86/R/B/W/T. RL.

ATND SKD H24. Customs: H24.

F-4, Jet A-1.

ABN. Fire 8.

**La Romana see Cueva De Las Maravillas****Las Americas Intl see Santo Domingo****Los Llanos de Sabana de San Pedro de Macoris****Maria Montez Intl see Barahona****Monte Cristi**

115' MDMC -04:00 N19 51.9 W071 38.7

**05/23** 3642' ASPHALT. S 44.

ATND SKD SR-SS.

**Puerto Plata (Gregorio Luperon Intl)** Apt of Entry

17' MDPP POP -04:00 N19 45.5 W070 34.2

Apt Administration (809) 586-0219/586-0313; Fax (809) 586-0122.

**08/26** 10106' CONCRETE. SIWL 75. TORA 08 10108'. TORA 26 10108'. LDA 08 10108'. LDA 26 10108'. TODA 08 10108'. TODA 26 10108'. ASDA 08 10108'. ASDA 26 10108'. RL.

ATND SKD H24. Customs: H24.

CAUTION: A 336 ft high ridge about 1.7NM SE from Rwy 8/26 exists extending eastward.

For heavy acft 180 deg turns permitted on rwy thr only.

F-4, Jet A-1.

ABN. Fire 8.

**Punta Cana Intl see Higüey****Samana (El Catey Intl)** Apt of Entry

12' MDCY AZS -04:00 N19 16.2 W069 44.2

Apt Administration 809-338-5888; Fax 809-338-0175.

**07/25** 9843' ASPHALT. PCN 66 F/A/W/T. TORA 07 9514'. LDA 07 9514'. LDA 25 9514'. TODA 07 9514'. ASDA 07 9514'. HIRL. HIALS 07.

H24 ATND SKD H24. Customs: H24.

Rwy25 left hand traffic pattern prohibited.

For medium and heavy cat acft 180 deg turns only permitted on rwy thr.

F-3, Jet A-1.

ABN. Fire 8.

**San Isidro (San Isidro AB)** Apt of Entry

112' MDSI Mil. -04:00 N18 30.2 W069 45.7

Apt Administration 809 596 6506, 809 688 3333 Ext. 2225 y 2226.; Fax 809 598 4974; operacionesa3@fard.mil.do, operaciones-fad@gmail.com.

**03/21** 7103' ASPHALT. PCN 90/F/A/W/T. RL.

H24 ATND SKD H24, PNR. Customs: H24, PNR.

F-4, Jet A-1.

ABN. Fire 5.

**San Pedro de Macoris (Los Llanos de Sabana de Macoris)**

262' MDLL -04:00 N18 35.8 W069 31.5

**03/21** 3182' ASPHALT.

ATND SKD SR-SS.

**Santiago (Cibao Intl)** Apt of Entry

565' MDST STI -04:00 N19 24.4 W070 36.3

Apt Administration (809) 233-8000; Fax (809) 233-8080; Oper@aerpuertocibao.com.do.

**11/29** 8596' ASPHALT. PCN 54/F/C/X/U. TORA 11 8497'. LDA 11 8497'. LDA 29 8497'. TODA 11 8497'. ASDA 11 8497'. HIRL. MIALS 11.

H24 ATND SKD H24. Customs: H24.



**DOM REP**

F-3, Jet A-1.

ABN. Fire 8.

**Santo Domingo (Las Americas Intl)** Apt of

Entry

58' MDSD SDQ -04:00 N18 25.8 W069 40.1

Apt Administration (809) 412-5888, (809)

947-2220, (809) 947-2224; Fax (809)

947-2425; operador@aerodom.com.

**17/35** 11004' ASPHALT. PCN 71/F/A/W/T.

HIRL. Pilot Controlled Lighting.

H24 ATND SKD H24. Customs: H24.

Do not confuse San Isidro AB for Las Americas Intl.

For heavy aircraft 180 degree turns are permitted at the runway end only.

F-4, Jet A-1.

ABN. Fire 9.

**Santo Domingo/El Higuero (El Higuero Intl)**

Apt of Entry

79' MDJB -04:00 N18 34.3 W069 59.1

Apt Administration (809) 412-5888; Fax (809)

947-2425.

**01/19** 5443' ASPHALT. PCN 11/F/A/X/T. TODA

01 6230'. HIRL.

H24 ATND SKD SR-0400Z. Customs:

SR-0400Z.

F-3, Jet A-1.

ABN. Fire 5.

**E. CARIBBEAN STATES**

## Anguilla

### Clayton J. Lloyd Intl see The Valley

**The Valley (Clayton J. Lloyd Intl)** Apt of Entry

124' TQPF AXA -04:00 N18 12.3 W063 03.2  
Apt Administration (264) 497-3510; Fax (264) 497-5928.

**11/29** 5459' ASPHALT. PCN 22/F/A/W/T.  
TORA 11 4964'. TORA 29 4964'. LDA 11 4472'.  
LDA 29 4472'. TODA 11 4964'. TODA 29 4964'.  
ASDA 11 4964'. ASDA 29 4964'. HIRL.

Take-Off RWY 11/29 starts at paved surface.  
The runway surface before the threshold has  
the same bearing straight as the runway.

1045-0200Z. ATND SKD 1045-0200Z. Customs:  
1045-0200Z.

PPR for landing aircraft to overnight.

PPR for acft not registered in the U.K. or U.K.  
overseas territories and operating for hire.

Flights operating in the V. C. Bird CTR in  
accordance with Visual Flight Rules are restricted  
to a maximum of 2000ft AMSL, except  
when specifically authorized by ATC.

CAUTION: Numerous poles and antennas in  
vicinity of aerodrome.

Visibility exempted by day.

Instrument restricted by night.

Fire Protection Cat 6 available O/R.

Jet A, Fuel: U.

ABN. Fire 5.

## Antigua

**St Johns (V C Bird Intl)** Apt of Entry

60' TAPA ANU -04:00 N17 08.2 W061 47.6  
Apt Administration (268) 484 2300/2310,  
268-462-4703/4675; Fax (268) 484 2340/2346;  
info@abairportauthority.com. ATS H24 (268)  
462 4703; Fax (268) 462 4703. Ground Serv-

ices (268) 562 4347, (268) 562 7607; anu@signatureflight.com, handling@cas-antigua.com.

**07/25** 9967' ASPHALT. LCN 80. TORA 07 8983'. TORA 25 8327'. LDA 07 8327'. LDA 25 8983'. HIRL. HIALS 07.

Rwy 07 last 984' (300m) not available for take-off.

Rwy 25 last 1640' (500m) not available for take-off.

For departures on RWY 07, the location of the displaced threshold RWY 25 provides T/O surface obstacle protection with respect to the public road that crosses the departure path.

For departures on RWY 25, the location of the displaced threshold RWY 07 provides T/O surface obstacle protection.

H24 ATND SKD H24. Customs: H24.

CAUTION: Turbulence on approach to rwy 07 when S or SE winds exist. Circling to land not authorized North of rwy 7/25. Aircraft operators must use as little thrust as possible when taxiing from position 8.

For arriving aircraft, all engines must be shut down prior to the deplaning of any passenger.

For departing aircraft, no engine shall be started until all passengers have boarded the aircraft.

TWY G available in daylight hours only and limited to aircraft 65,000 pounds or less and wingspan 98 (30M) or less.

All aircraft landing on RWY 07/25 that are able to exit at a designated TWY shall turn left onto appropriate turn pad and follow turn pad markings clockwise to make 180 degrees turn onto the RWY centreline.

F-4, Jet A-1. JASU.

ABN. Fire 8.

**V C Bird Intl see St Johns**

## E. CARIBBEAN STATES

## British Virgin Is

**Roadtown (Terrance B Lettsome Intl)** Apt of Entry

16' TUPJ EIS -04:00 N18 26.7 W064 32.5

Apt Manager 284-852-9000/9033; Fax 284-852-9045/9048.

**07/25** 4646' ASPHALT. PCN 29/F/B/X/T. TORA 07 4449'. TORA 25 4154'. LDA 07 3957'. LDA 25 3957'. TODA 07 4941'. TODA 25 4350'. ASDA 07 4449'. ASDA 25 4154'. HIRL. HIALS 07.

Rwy thresholds are marked as displaced.

1030-0200Z ATND SKD 1100-2300Z. Customs: 1100-0200Z.

CAUTION: Occasional wind shear on approach to Rwy 07 when winds are from the south or southeast.

CAUTION: Airport surrounded by high terrain. Night ops require pilot knowledge of airport hazard light and apch pattern. Contact DCA BVI for Info.

CAUTION: Existence of light to moderate turbulence on final approach to Rwy 07/25 when wind is between 090 and 180 degrees at 15 kts or greater.

No flying of single engine aircraft or VFR at night.

Pilots must be knowledgeable on the surrounding airport terrain.

Unmarked high terrain within 4 NM radius at 1263 ft. At least two day landings are required to qualify for night landing.

Rwy 07 normally used for T/O & Landing.

Birds in the vicinity of the airport.

Cat 6 aircraft are restricted to maximum capacity of 25 souls on board.

F-4, Jet A-1.

ABN. Fire 5, CAT 6 available with 24hrs PPR and approval.

**Terrance B Lettsome Intl see Roadtown**

## Dominica

**Canefield Intl see Roseau**

**Douglas Charles Intl see Roseau**

**Roseau (Canefield Intl)**

13' TDCF DCF -04:00 N15 20.2 W061 23.5

Apt Administration (767) 448-4009, 449-3041; On Call (767) 235-2419, (767) 449-3041; Fax (767) 449-2997.

**01/19** 3123' ASPHALT. LDA 01 2709'.

MON 1200-2100Z, TUE-FRI 1200-2000Z, SAT/SUN/HOL PPR at or before 1930Z FRI prior. ATND SKD MON-FRI, 1200-2000Z. Customs: MON-FRI, 1200-2000Z.

Jet A-1.

Fire 3.

**Roseau (Douglas Charles Intl)** Apt of Entry

72' TDPD DOM -04:00 N15 32.8 W061 18.1

Apt Administration (767) 448-4009, 448-4431, 445-7101; Fax (767) 445-7405, 448-6131.

**09/27** 5761' ASPHALT. PCN 71 F/A/X/T. LDA 09 4603'. TODA 09 8353'. HIRL. Rwy 27 Take-off not allowed.

Take-off on Rwy 09 at night is limited to visual meteorological conditions (VMC) only.

Landing on Rwy 09 during the day is limited to visual meteorological conditions (VMC) only.

Take-off rwy 27 prohibited.

Landing on Rwy 27 at night is not approved when the tailwind component exceeds 10 knots.

Landing on Rwy 27 during day and night is limited to visual meteorological conditions (VMC) only.

1000-0200Z ATND SKD 1000-0200Z. Customs: 1000-0200Z.

Birds in vicinity of airport.

Limited IFR and night operations.

Jet A-1.

## E. CARIBBEAN STATES

ABN. Fire 7.

## Grenada

### Maurice Bishop Intl see St Georges

**St Georges (Maurice Bishop Intl)** Apt of Entry

45' TGPY GND -04:00 N12 00.3 W061 47.2  
Apt Administration (473)444-4150/4101; Fax (473) 444-4838.

**10/28** 8967' ASPHALT. PCN 50/F/A/W/T. ASDA 10 9160'. HIRL. ALS 10.

Rwy 10/28 Right-Hand Circuit.

ATND SKD Mon - Sun, 1000 - 0230Z. Customs: Mon - Sun, 1000 - 0230Z.

Birds in vicinity of airport.

Corporate jets required to use minimal power taxiing to/from parking positions 6 and 7.

F-3, F-4, Jet A-1.

ABN. Fire 9.

## Montserrat

### Gerald's (Osborne Intl)

550' TRPG -04:00 N16 47.5 W062 11.6

Apt Administration (664) 491-6218; Fax (664) 491-7688.

**10/28** 1955' ASPHALT. PCN 7/F/B/Y/T. TORA 10 1716'. TORA 28 1716'. LDA 10 1673'. LDA 28 1673'. TODA 10 2044'. TODA 28 2621'. ASDA 10 1716'. ASDA 28 1716'. RL.

ATND SKD Handling: Mon - Sun, 1000 - 2200Z. Customs: Mon - Sun, 1000 - 2200Z.

Bird in vicinity of aerodrome.

All non-scheduled fixed wing aircraft wishing to operate into and out of Osborne International require prior permission. The request forms can be obtained from <http://www.gov.ms/airport> or by telephone 664-491-4229.

Pilots are reminded of the presence of moderate to severe turbulence, downdrafts and updrafts at this facility.

All fixed-wing departures shall commence take-off roll at Threshold 10/28.

ARFF category 3 available O/R 24 hours PNR.

ABN. Fire 2 O/R 24hr PNR.

### Osborne Intl see Gerald's

## Nevis Is

### Nevis I. (Vance Winkworth Amory Intl)

25' TKPN NEV -04:00 N17 12.3 W062 35.4

Apt Administration (869) 469-9040/9044; Fax (869) 469-9046/8459.

**10/28** 4006' ASPHALT. PCN 20/F/B/Y/T. LDA 10 3428'. LDA 28 3428'. TODA 10 4350'. HIRL. ALS 10.

1200-2000. Other times prior approval required from DG ECCAA. Customs: 1000-0100. Other times prior approval required from DG ECCAA.

Caution:

-Hurricane Hill, with 173 hazard lights, located 4803 west of displaced threshold Rwy 10.

-Rapidly rising terrain south of rwy.

-Consult awareness terrain chart.

F-3, Jet A-1.

ABN. Fire 8.

### Vance Winkworth Amory Intl see Nevis I.

## St Kitts

### Bradshaw Intl see St Kitts I.

### St Kitts I. (Bradshaw Intl)

 Apt of Entry

168' TKPK SKB -04:00 N17 18.7 W062 43.1

Apt Administration (869) 465-8121-3/airport division (869) 465-8472; Fax (869) 465-8124/airport division (869) 465-6722. 869-466-7228/7227, 869-465-2241; Fax 869-465-8519, 869-465-7078.

## E. CARIBBEAN STATES

**07/25** 7618' ASPHALT. PCN 80/R/B/W/T. LDA 07 7379'. LDA 25 7480'. TODA 07 11427'. MIRL.

Rwy 07 Right-Hand Circuit.

ATND SKD Fuel: Mon - Sun, 1000-0100Z. Handling: By arrangement with operating agencies. Customs: Mon - Sun, 1000-0100Z.

Rapidly rising terrain Northwest through East of aerodrome.

F-4, Jet A-1.

ABN. Fire 9.

## St Lucia

**Castries (George F. Charles)** Apt of Entry  
22' TLPC SLU -04:00 N14 01.2 W060 59.6  
Apt Administration (809) 45-21156, 22052; Fax 758-454-6900.

**09/27** 6227' ASPHALT. PCN 8/F/B/Z/T. TORA 09 5735'. TORA 27 5735'. LDA 09 5305'. LDA 27 4724'. TODA 09 5735'. TODA 27 5735'. ASDA 09 5735'. ASDA 27 5735'. HIRL.

Rwy 27 Right-Hand Circuit.

Last 492' (150m) not available for landing.

Last 492' (150m) not available for landing.

1000-0000 ATND SKD Mon-Fri 1130-2000Z. O/T O/R with 2 hrs PNR. Customs: 1000-0000.

Birds in vicinity of airport.

CAUTION:

Rapidly rising terrain in all quadrants from rwy.

Masts of variable heights may be present on approach to Rwy 09.

There is no 100LL AVGAS at this location.

Private flight operations are subject to the following conditions:

Proposed operator must agree to waive any rights to liability that SLASPA and government of St. Lucia may be subject to. Indemnity Form signed by an appropriate officer of the operator shall be submitted along with details of the air-

craft and must be received 24 hrs prior to proposed operation.

Private aircraft's ICAO classification must not be higher than Code 3C with wingspan not greater than 93.5 ft (28.5m).

Operator will be fully responsible for ensuring that all aircraft operational requirements are met and aircraft operational weights and performance are adequate for local conditions and available takeoff and landing distances.

Type and ICAO classification of aircraft must be specified in the information received by the officer of the airport manager on the proposed flight operations.

Flight shall be operated during the hours of daylight (sunrise to sunset) except if otherwise authorized by the appropriate authority. Flight shall be operated under conditions of no rain with visibility no less than 3.2 NM (6km).

Parking of aircraft subject to available space on ramp. In circumstances when necessary aircraft shall be directed to proceed to Hewanorra Airport for parking. All overnight aircraft shall be directed to park at the Hewanorra Airport.

Avgas 130L available.

Jet A-1, Fuel: U.

ABN. Fire 5.

**George F. Charles see Castries**

**Hewanorra Intl see Vieuxfort**

**Vieuxfort (Hewanorra Intl)** Apt of Entry  
14' TLPL UVF -04:00 N13 44.0 W060 57.3  
Apt Administration (758) 454-6355, 452-2052; Fax (758) 454-6900.

**10/28** 9003' ASPHALT. PCN 68/F/B/X/T. TORA 10 8888'. LDA 10 8888'. LDA 28 8510'. TODA 10 8888'. TODA 28 9803'. ASDA 10 8888'. ASDA 28 9203'. HIRL. ALS 10.

ATND SKD Fuel: Mon - Fri, 1130 - 2030Z. O/T PNR. Handling: Mon - Sun, 1000 - 0300Z. Customs: Mon - Sun, 1000 - 0300Z.

## E. CARIBBEAN STATES

CAUTION: Turbulence may exist on approach rwy 10 when winds from northeast exceed 15 kts.

CAUTION: 830' hill/tower approx 1NM South Southwest of Rwy 28 threshold.

Rwy 10 visual maneuvering conducted over sea South of extended centerline. Taxiways D and A are not used unless specified by ATC.

For Arriving Aircraft: All aircraft must shut down engines prior to the deplaning of any passenger.

For Departing Aircraft: No engine shall be started until all passengers have boarded the aircraft.

Pilots to request start up from ATC Tower.

High terrain North and South of airport.

Birds on and in vicinity of airport.

Heavy and medium jet aircraft to push back from terminal building prior to start up.

Twy A not available for night time operations.

All aircraft parked on apron shall establish and maintain two way communication with tower before activating anti-collision light.

Jet A-1.

ABN. Fire 9.

## St Vincent

**Argyle Intl see Kingstown**

**Bequia (J.F. Mitchell)** Apt of Entry

15' TVSB -04:00 N12 59.3 W061 15.7

Apt Administration (784) 456 5555; Fax (784) 458 1989; aiainfo@svg-airport.com.

**12/30** 3609' ASPHALT. ASDA 12 3806'. ASDA 30 3806'. RL.

1000Z-SS. Customs: 1000Z-SS. O/T O/R 24 hrs PPR.

Beyond hours of operation, 24 hrs PPR.

For Arriving Aircraft: All aircraft must shut down engines prior to the deplaning of any passenger.

For Departing Aircraft: No engine shall be started until all passengers have boarded the aircraft.

ABN. Fire 2.

**Canouan** Apt of Entry

16' TVSC -04:00 N12 42.0 W061 20.7

Apt Administration (784) 456 5555; Fax (784) 458 1989; aiainfo@svg-airport.com.

**13/31** 5876' ASPHALT. PCN 17/F/A/W/U. LDA 13 5384'. LDA 31 5679'. RL.

1200-0000Z. O/T O/R 24 hrs PPR. Scheduled services accommodated up to 0215Z. Customs.

A strong crosswind from the north east sector is common especially between December and March.

Fire 6.

**J.F. Mitchell see Bequia**

**Kingstown (Argyle Intl)**

136' TVSA SVD -04:00 N13 09.6 W061 08.9

Apt Administration (784) 456-5555; Fax (784) 458-4786; aiainfo@svg-airport.com.

**04/22** 8999' ASPH/CONC. PCN 74/F/A/W/T. TORA 04 8015'. LDA 22 8015'. TODA 04 8015'. TODA 22 13501'. ASDA 04 9196'.

1000-0200Z and O/R 24 PPR ATND SKD

1000-0200Z and O/R 24 PPR. Customs:

1000-0200Z and O/R 24 PPR

Birds in vicinity of airport.

High terrain west of RWY.

The aerodrome is situated on the south-east coast of the island with hilly terrain to the west. The terrain rises rapidly to the west through north and south-west. The Highest points within 10NM is Richmond Peak towards the north north-east of the airport and rises to 3523FT AMSL.

Caution: Occasional turbulence on short final to Rwy 04 between surface and 500' (152 m).

F-3, Jet A.

## E. CARIBBEAN STATES

ABN. Fire 9.

**Mustique (Mustique Is)**

10' TVSM -04:00\* N12 53.3 W061 10.8

Apt Administration (784) 488 8375; Fax (784) 488 9000.

**09/27** 2546' ASPHALT. PCN 5/F/D/Z/U. TORA 09 1825'. LDA 09 1611'. TODA 09 1825'. Rwy 27 Runway closed.

24hrs PPR before 1100Z. Customs: 1200-2000Z. O/T O/R 24hrs PPR before 1100Z.

Birds in vicinity of airport.

Fire 2.

**Tobago Is**

**Robinson Intl see Scarborough**

**Scarborough (Robinson Intl)**

38' TTCP TAB -04:00 N11 09.0 W060 49.9

Apt Administration 639-8547; Fax 639 8146. 623-6569, 625-3311-9 ext 335-8; Fax 625-3925, 625-6129. Ground Services 639-0595.

**11/29** 8999' ASPHALT. PCN 73/F/A/W/T. LDA 11 8035'. TODA 11 9656'. RL.

Rwy 11/29 Right-Hand Circuit.

1000-0200Z. O/T 24h PPR. ATND SKD 0700-1600Z. O/T PNR. Customs: 1000-0200Z.

Birds in vicinity of airport.

Aerodrome Control will inform Pilots of this bird activity and estimated heights.

Circling not authorized North of Rwy 11/29.

Jet A-1.

Fire 9.

**Trinidad**

**Piarco Intl see Port Of Spain**

**Port Of Spain (Piarco Intl)** Apt of Entry

58' TTPP POS -04:00 N10 35.7 W061 20.2

Apt Administration (868) 669-4101, (868) 669-4102, (868) 669-4103; Fax (868) 669-4101, (868) 669-4102, (868) 669-4103; dmpo@tntairports.com. (868) 225-3484, (868) 225-3487, (868) 225-3488, (868) 669-4140, (868) 669-4142, (868) 669-4149, (868) 669-4392 ext 120/121, (868) 669-4869, Customs: (868) 669-4361, Immigration: (868) 669-5895; H24 (868) 669-5874. ATC H24 (868) 669-4128. ATS H24 (868) 669-4380. Ground Services (868) 669-4250, (868) 669-4807.

**10/28** 10495' ASPHALT. PCN 75/F/B/W/T. TODA 10 11906'. HIALS 10.

Customs.

CAUTION: Birds in vicinity of airport.

Handling-(868) 669-2631/4688

F-4, Jet A-1. Oxygen.

ABN. Fire 9.

## FRENCH ANTILLES

**Guadeloupe****Baillif see Basse-Terre****Basse-Terre (Baillif)** Apt of Entry

64' TFFB BBR -04:00 N16 00.8 W061 44.5

Apt Administration 0590 80 62 00, 0590 81 15 85; Fax 0590 80 91 34; info@cg971.fr. 0590 89 59 08; Fax 0590 90 26 07.

**14/32** 2018' CONCRETE. AUW-13. ASDA 32 2444'. Rwy 14 Takeoff not allowed. Rwy 32 Landing not allowed.

Customs: O/R 24H PNR.

Rwy 13 not available for take-off.

Rwy 32 not available for landing.

Model aircraft activity at QFU 319.

Paramotors activity in vicinity of the aerodrome. F-4.

Fire 1.

**Grand Case see St Martin I****Grand-Bourg (Marie Galante)**

17' TFFM GBJ -04:00 N15 52.1 W061 16.3

Apt Administration 0590 80 62 00, 0590 97 9025; Fax 0590 80 91 34; info@cg971.fr. Customs: 0590-89-59-08; Fax Customs: 0590-90-26-07.

**09/27** 4068' PAVED. PCN 13 F/C/W/T. LDA 27 3675'. RL.

Rwy 09 Right-Hand Circuit.

Customs: O/R 24H PNR.

Flights from abroad, Sanit-Martin, Saint-Barthelemy and Martinique, customs check compulsory at Pointe-a-Pitre, 24 HR prior notice.

Parachuting (NR 9717), no specific hours, FL 165, Raizet APP 121.3 MHz.

Fire 1.

**Le Raizet see Pointe-A-Pitre****Les Saintes see Terre De Haut****Marie Galante see Grand-Bourg****Pointe-A-Pitre (Le Raizet)** Apt of Entry

35' TFFR PTP -04:00 N16 15.8 W061 31.5

Apt Administration 0690 57 92 55, 21 71 71, 48 20 12; Fax 21 14 26, 21 14 28, 48 21 00. 0596 57 23 25. Gen Aviation 590 83 70 06. Ground Services 590 89 76 46, 690 35 33 84, 690 45 07 77, 690 56 98 98; Fax 590 89 76 46; gwa-dassistance@gmail.com, opsch@orange.fr.

**12/30** 10266' PAVED. PCN 54/F/B/W/T. LDA 12 9380'. LDA 30 9281'. TODA 12 10791'. TODA 30 10463'. ASDA 12 10597'. HIRL.

Rwy 30 Right-Hand Circuit.

H24 ATND SKD 1000-0200Z. O/T O/R. Customs: 1000-0400Z.

Two-way radio required.

Traffic Pattern North of the runway.

Avoid overflying Baie -Mahault penitentiary.

Birds and wildlife in vicinity of airport.

Possible presence of boats sailing on Riviere Salee close to Rwy 12 threshold.

Runway 12 wooded area to the right side at 328' (100m) from Clearway and runway 30 road at end of threshold will be overflown visually.

Runway 12 noise abatement procedure for jet and conventional aircraft in IFR. Aircraft should remain runway heading climbing to 2000' and 3.5NM from PPR VOR before turning to their destination.

Rwy 12 noise abatement procedure for long haul flights to Europe. Aircraft should remain runway heading climbing to 1000' and 3.5NM from PPR VOR before turning to the destination.

Northward takeoff noise abatement procedure in VFR. Aircraft should remain runway heading and turn left after passing the Les Abymes urban area to the north.

Southward take-off noise abatement procedure in VFR. Aircraft should remain runway heading



**FRENCH ANTILLES**

and turn right after passing the Petit Perou neighborhood to the south.

For safety reasons, propellers must be shut down during stopovers.

Crews of E code aircraft, notably B777-300ER or A350-1000 are advised to taxi with caution on Twy D and use over-steering technique when turning.

Entry to general aviation parking area required via Twy Q.

Exit from the general aviation parking is required via Twy Q1.

Engine runups are authorized at intermediate holding point Q1 for single engine aircraft only. Other aircraft must carry out engine runups at holding point Q.

Half turn outside turn-around area prohibited for aircraft above 40 tons.

B777-300 acft must strictly follow the Rwy half-turn axial markings on the turn-around area at threshold 12 to avoid damaging surface.

Takeoff and landing prohibited Rwy 12/30 if RVR under 2625' (800m).

TKOF and LDG RWY 12/30 are prohibited if crosswind > 25 kt on dry RWY and > 20 kt on wet RWY.

Aircraft with code > or = E limited to 5 kts on TWR R.

Taxiing and pushback of aircraft with wingspan greater than 89' (27.05m) prohibited on TWY W1 and W2.

Night landing RWY 30 prohibited if PAPI U/S.

Aerobatics activity above Rwy 12/30 from 2000 ft AMSL to 5000 ft AMSL.

Ultra light flights in Grand Cul de Sac Marin and in the TF R2 area only Max 600 ft without radio contact or transponder.

Rwy 12 first 6562' (2000m) WBC 54/F/B/W/T

Rwy 30 first 4938' (1505m) WBC 53/F/C/W/T

F-3, Jet A-1.

Fire 9 Level 7 0300-1700Z; Level 9 1700-0300Z or till the last scheduled flight, after 0300Z contact AD Administration.

**St Barthelemy I** Apt of Entry

48' TFFJ SBH -04:00 N17 54.3 W062 50.6

Apt Administration 27 65 41; Fax 27 98 50; aeroport@comstbarth.fr. 27 68 80; Fax 27 59 67; droitdequai@comstbarth.fr. Ground Services 27 12 35, 27 61 01, 27 72 98, 29 28 17, 29 62 79; Fax 0690 58 67 25, 0690 58 79 79 00, 0690 88 16 23, 29 15 49, 29 37 52; airassistance.caribes@orange.fr, maxime.desouches@wanadoo.fr, ops@stbartservices.com, rodsbh@orange.fr.

**10/28** 2119' CONCRETE.

AUW-13/0.9000 MPa. TODA 10 2612'. RL.

Rwy 28 Takeoff not allowed.

1100Z-SS+15. Customs: Mon-Fri 1100-2200Z. Sat 1130-1600Z. 24 hrs PNR.

Transient Acft are subject to PPR to AD Operator 48Hr prior to arrival through Apt website or by email.

PPR by Aeronautical District of Guadeloupe.

Birds in the vicinity of the airport.

Wildlife and bird hazard prevention operational daily from 1100 to last commercial flight.

Fire 3 ARFF code level 3 from 1100Z-SS+15; other times level 1.

**St Martin I (Grand Case)** Apt of Entry

23' TFFG CCE -04:00 N18 06.0 W063 02.9

Apt Administration 0590 27 10 99, 0590 27 11 00; Fax 0590 27 10 92, 0590 27 10 94, 0590 27 83 50; contact@aeroport-saintmartin.com. 0590 83 03 79, 0590 89 00 31, 0596 57 23 25; Fax 0590 90 26 07. Apt Manager 0590 27 10 99. Ground Services 0690 220 010, 0690 643 246, 0690 68 28 57; aeroico@cadisco.com, fbo-sfg@edeis.com.

**12/30** 3947' PAVED. PCN 16/F/C/W/T. TORA 12 3944'. TORA 30 3944'. LDA 12 3770'. LDA

## FRENCH ANTILLES

30 3412'. TODA 12 3944'. TODA 30 3944'.  
ASDA 12 3944'. ASDA 30 3944'. HIRL.

Rwy 30 Right-Hand Circuit.

1100Z-SS+15 ATND SKD 1100Z-2300Z. Cus-  
toms: 1200Z-2300Z, 24hrs PNR.

PPR by Aeronautical District of Guadeloupe.

Rwy 12 landing prohibited after SS + 15, Rwy  
30 landing and Takeoff prohibited SS+15.

Wildlife and birds in vicinity of airport.

Mandatory reporting when entering left hand  
base leg and last turn during RWY 12  
Approach.

Parachute activity in vicinity of the aerodrome.

F-3, Jet A-1.

Fire 4 1100Z-SS+15, O/T CAT 1.

### Terre De Haut (Les Saintes)

42' TFFS LSS -04:00 N15 51.9 W061 34.8

Apt Administration 0590 80 62 00, 0590 99 50  
32 on AD.; Fax 0590 80 91 34; info@cg971.fr.  
Customs: 0590 89 59 08; Fax Customs: 0590  
90 26 07.

**09/27** 1903' CONCRETE. AUW-13. Rwy 27  
Takeoff not allowed.

Customs: O/R 24H PNR.

Possible birds and wild animals in vicinity of  
AD.

AD reserved for Acft with suitable performances  
and characteristics, as well as pilots having a  
good knowledge of its conditions of use and a  
verified experience of using the aerodrome  
asco-pilot under the control of a pilot instructor  
who certified them.

Northerlywind makes the use of the aerodrome  
trickier with heavy turbulence between 100'(30  
m) and 300' (91 m).

Southerlywind makes the use of the aero-  
drome trickierwith turbulence on short final and  
a tailwind component on a short runway.

Landing at night prohibited.

Take-off Rwy 27 prohibited.

AD reserved for radio equipped Acft.

Fire 1.

## Martinique

### Aime Cesaire see Martinique

**Martinique (Aime Cesaire)** Apt of Entry

16' TFFF FDF -04:00 N14 35.5 W060 59.8

Apt Administration 42 16 00, 42 25 24, 48 21  
43; Fax 42 18 77, 48 21 40, 51 10 63. 42 17 78,  
51 73 96, 57 23 25; Fax 42 17 77. ATC 57 23  
27. Ground Services 0696 265 310, 596 422  
111, 596 422 200, 596 424 105, 596 424 542,  
596 511 565; c.vogt@samsic-aeroportuaire.fr,  
cepfd@airfrance.fr, commercial@tsan-  
tilles.com, info@mgfdf.com, jetavia-  
tionfdf@hotmail.com, superviseur.gpaf@wana-  
doo.fr.

**10/28** 9843' TARMAC. PCN 82 F/B/W/T. LDA  
28 9022'. TODA 10 10827'. TODA 28 11319'.  
ASDA 10 10827'. HIRL.

H24 ATND SKD 1000-0200Z (0200-1000Z,  
2HR PNR). Customs: H24.

CAUTION: Birds and wildlife in the vicinity of  
the airport.

Engines must be shut down during stopover.

2-way radio required.

Avoid overflying the military area on south of  
rwy and the 'Cite de l'air' on north of rwy.

Avoid overflying FORT DE FRANCE and  
DUCOS towns, SARA oil refinery and DUCOS  
jail (Champigny) andhospital of LA MEYNARD,  
establishment with distinctive marks for prohib-  
ited overflying at low altitude.

Circling north of the RWY axis is prohibited  
during aeronautical night. At day time, it may  
exceptionally be permitted, specially fortraining  
requirements, but avoid overflying the SARA oil  
refinery and the town of LE LAMENTIN.

PPR required for non home based Jet aircraft  
(Maximum code A), for access to General Avia-  
tion Area.

**FRENCH ANTILLES**

Non home based corporate and helicopter aircraft 72hrs PPR to the operator.

Turn-around areas 10 and 28 for acft with 131' (40m) turn radius.

Due to low safety margin on Twy B, A350 and B777 must adjust speed in the bend.

Twy Charlie strip reduced at canal crossing, due to the presence of two hydraulic structures (at Rwy exit after Charlie holding point and Charlie 1). Acft must adjust their speed to taxi in this area.

Twy Lima and Delta are prohibited to Acft with wingspan greater than 92' (28 m) or main gear overall width greater than 20' (6 m).

Limitations to Twy Mike taxiing:

- only reserved for state Acft
- Acft speed limited to 5kt for code D Acft
- Prohibited to Acft with wingspan greater than 139' (42.50 m)

Requests for engine startup, pushback, towing, taxiing are compulsory on Twr Freq on all parking areas.

Aerobatic flight activity in vicinity of airport.

Parachute activity in vicinity of airport.

Occasional parachute activity over Carrere, which will be broadcast by ATIS.

Glider activity in South of island.

Model aircraft activity in vicinity of aerodrome.

F-3, Jet A-1.

Fire 9 CAT 7: 0300-1700Z; CAT 9: 1700-0300Z.

## HAITI

**Cap Haitien (Cap Haitien Intl)** Apt of Entry  
14' MTCH CAP -05:00\* N19 44.0 W072 11.7  
Apt Administration 3457 1353.

**05/23** 8701' CONCRETE. PCN 45/R/C/W/T.  
TODA 23 9882'. ASDA 05 8898'. ASDA 23  
8898'. HIRL.

1200-2300Z. ATND SKD 1200-2300Z. Cus-  
toms: 1200-2300Z.

Runway operations are allowed for Cat C and D  
aircraft.

F-3.

ABN. Fire 6.

**Jacmel**

167' MTJA JAK -05:00\* N18 14.4 W072  
31.4

**01/19** 3748' ASPHALT.

ATND SKD 1200-2200.

**Jeremie**

148' MTJE JEE -05:00\* N18 40.0 W074  
10.0

**09/27** 3936' GRAVEL.

ATND SKD 1200-2200.

**Port De Paix**

10' MTPX PAX -05:00\* N19 56.0 W072 51.0

**06/24** 2099' GRASS.

ATND SKD 1200-2200Z.

Fire U.

**Port-Au-Prince (Toussaint Louverture Intl)**

Apt of Entry

122' MTPP PAP -05:00\* N18 34.8 W072  
17.6

Apt Administration (509) 3457-4598.

**10/28** 9974' CONCRETE. PCN 56/R/C/W/T.  
TODA 10 10958'. HIRL.

Rwy 28 Right-Hand Circuit.

MON-SUN and HOL 1100-0300Z. O/T O/R.  
ATND SKD MON-SUN and HOL 1100-0300Z.

O/T O/R. Customs: MON-SUN and HOL  
1100-0300Z. O/T O/R.

Birds in vicinity of airport.

All acft departing MTPP avoid overflight of fuel-  
farm located southeast of the airfield.

ACFT with wake turbulence medium over  
47,000 lbs are now forbidden to make halfturns  
on the RWY10/28. These ACFT must go to the  
RWY turning bay designed for this purpose.

F-3, Jet A-1. Oxygen.

Fire 8.

**Toussaint Louverture Intl see Port-Au-  
Prince**

## JAMAICA

**Ian Fleming Intl see Ocho Rios**

**Ken Jones see Port Antonio, Jamaica**

**Kingston (Norman Manley Intl)** Apt of Entry  
18' MKJP KIN -05:00 N17 56.1 W076 47.2

Apt Administration (876) 924 8452 (-6); Fax (876) 924 8566. Apt Manager Fax (876) 924 8029.

**12/30** 8911' ASPHALT. PCN 68/F/A/W/T estimated. TODA 12 13366'. TODA 30 13366'. HIRL. ALS 30.

Rwy 12 Right-Hand Circuit.

ATND SKD Mon-Thur, 1330-2200; Fri, 1330-2100. Customs: H24 Customs service between 2100 and 1300 UTC will be subject to overtime charges.

Wild life in vicinity of airport.

Flight over PORT ROYAL (west of runway) below 1500ft. altitude is not permitted at any time

F-4, Jet A-1. Oxygen.

ABN. Fire 9.

**Kingston (Tinson Pen)**

16' MKTP -05:00 N17 59.3 W076 49.4

Apt Administration 876-937-2307.

**14/32** 4327' ASPHALT. TORA 14 3602'. TORA 32 3491'. LDA 14 3491'. LDA 32 3602'. TODA 14 3602'. TODA 32 3491'. RL.

ATND SKD SR-SS Other times O/R.

F-4.

ABN.

**Montego Bay (Sangster Intl)** Apt of Entry

4' MKJS MJB -05:00 N18 30.2 W077 54.8

ATC (876) 619-3701, (876) 952-3627; Fax (876) 940-2348. Apt Manager +(876) 952 3124; Fax +(876) 952 6172.

**07/25** 8735' ASPHALT. PCN 63/F/A/W/T. LDA 07 8504'. LDA 25 8174'. TODA 07 9720'. TODA

25 10060'. ASDA 07 8935'. ASDA 25 8873'. MIRL. HIALS 07. ALS 25.

ATND SKD H24. Customs: H24.

CAUTION: Street lights resembling rwy lighting east of rwy 25.

Jet turbine Acft may only land or take-off between 1200 and 0500 UTC daily and additionally on Saturdays between 0500- 1200 UTC, unless operating late on schedule.

F-4, Jet A-1.

ABN. Fire 9.

**Norman Manley Intl see Kingston**

**Ocho Rios (Ian Fleming Intl)**

96' MKBS -05:00 N18 24.2 W076 58.1

Apt Administration (876) 975 3101.

**09/27** 4767' ASPHALT. PCN 42/F/B/X/T. TORA 09 4613'. TORA 27 4544'. LDA 09 4390'. LDA 27 4390'. TODA 09 6880'. TODA 27 4800'. ASDA 09 4613'. ASDA 27 4544'. MIRL.

Rwy 27 Right-Hand Circuit.

ATND SKD 1200-0000. Customs: 1200-0000 Z ARFF CAT 3 available 1200 - 0000.

Circuit height - 1500 FT AGL turbo-propellor/turbo jet; 800 FT AGL single engine piston/ light twin; 500 FT AGL rotorcraft.

F-3, Jet A-1.

ABN. Fire 3.

**Port Antonio, Jamaica (Ken Jones)**

14' MKKJ -05:00 N18 11.9 W076 32.1

Apt Administration 876-913-3173.

**09/27** 3425' ASPHALT. TORA 09 3127'. TORA 27 3127'. LDA 09 3127'. LDA 27 3127'. TODA 09 3127'. TODA 27 3127'. ASDA 09 3407'. ASDA 27 3127'.

ATND SKD SR-SS AND O/R.

**Sangster Intl see Montego Bay**

**Tinson Pen see Kingston**

## NETH ANTILLES

**F.D. Roosevelt see St Eustatius I**

**Flamingo Intl see Kralendijk**

**Hato Intl see Willemstad**

**Kralendijk (Flamingo Intl)** Apt of Entry

24' TNCB BON -04:00 N12 07.8 W068 16.0

Apt Administration 7010050, 7013353, 7175600, 7868690; Fax 7175607; bia@bonair-elive.com, matthew@flamingoairport.com, rosa@flamingoairport.com, tico@flamingoairport.com. ARO H24 839-3552, 839-3553; Fax 869-5030; opsaim@dc-ansp.org. Apt Operator 7850477. Ground Services 5608625, 7867474, 7965919; info@hsbonaire.com, jacinto@progressiveairservices.net, manager@bonaireairservices.com.

**10/28** 10030' ASPH/CONC. PCN 58/F/A/W/T. TORA 28 9449'. LDA 10 9449'. LDA 28 9449'. TODA 10 10489'. TODA 28 9941'. ASDA 28 9449'. HIRL.

H24. ATND SKD H24. Customs: H24.

CAUTION; Birds in vicinity of airport.

Pilots should exercise caution to avoid excessive jetblast or propwash while maneuvering on the main and wide body apron.

All general aviation must be handled by a ground handler.

Self handling is not permitted.

Jet A-1.

ABN. Fire 9.

**Princess Juliana Intl see St Maarten I**

**St Eustatius I (F.D. Roosevelt)** Apt of Entry

131' TNCE EUX -04:00 N17 29.8 W062 58.8

Apt Manager 318-2887; Fax 318-2887, 318-2914.

**06/24** 3934' ASPHALT. PCN 20/F/B/W/T. RL.

1100 to 0100Z in VMC only ATND SKD 1100-2100Z. Customs: 1100 to 0100Z in VMC only

All General Aviation and non-scheduled airlines intending to operate flights within Roosevelt ATZ shall file a flight Plan in accordance with ICAO standards. Unless special permission has been obtained from Roosevelt Information, flights within Roosevelt ATZ shall be in accordance with VFR.

F-3, Jet A-1.

ABN. Fire 5.

**St Maarten I (Princess Juliana Intl)** Apt of Entry

14' TNCM SXM -04:00 N18 02.5 W063 06.5

Apt Administration 1-721-546-7542; Fax 1-721-546-7550.

**10/28** 7546' ASPHALT. PCN 60/F/B/X/T. TORA 28 7218'. LDA 10 7218'. LDA 28 7218'. TODA 10 7743'. TODA 28 7415'. ASDA 28 7218'. MIRL.

Rwy 10 Right-Hand Circuit.

Rwy 10: Right hand traffic pattern when Rwy 10 is in use, however left hand turn after take-off on request only by day on VMC to aircraft with maximum take-off mass of 15,432 lbs (7000kg) or less, excluding turbojet aircraft.

Rwy 28: Left hand traffic pattern when Rwy 28 is in use, however right hand turn after take-off on request only.

0700-2100 LT, Extension for operational hours is on request only. ATND SKD 0700-2100 LT, Extension for operational hours is on request only. Customs: 0700-2100 LT, Extension for operational hours is on request only.

Permission for operating times must be requested and obtained at least 4 days prior to beginning of said flight from the Airport Authority.

Refueling available 1100-0100 or until last scheduled flight. Non scheduled flights 24 hr prior notice.

F-3, F-4, Jet A, Jet A-1.

ABN. Fire 9.

**NETH ANTILLES**
**Willemstad (Hato Intl) Apt of Entry**

36' TNCC CUR -04:00 N12 11.3 W068 57.6

839-3360, 839-3361; Fax 868-2699. ARO H24  
839-3550 ext 552/553; Fax 869-5030. Apt Man-  
ager 8391000, 98391000; Fax 8680017;  
info@curacao-airport.com.

**11/29** 11198' ASPH/CONC. PCN 60/F/A/W/T.  
LDA 11 8458'. HIRL.

Rwy 29 Right-Hand Circuit.

H24 ATND SKD H24. Customs: H24.

Overflying of oil refinery installations and pro-  
hibited area below 2500 ft is prohibited.

Birds in vicinity of airport.

Left turn out mandatory for aircraft departing  
Rwy 11 unless ATC approval has been  
obtained for right turn out. Aircraft shall adhere  
to the noise abatement procedure.

Non-scheduled public air traffic with helicopters  
PPR.

For noise abatement: All aircraft heavier than  
12566lb (5700KG) MTOM and all turbojet air-  
craft departing from RWY 11, which are cleared  
for a right turn out, shall maintain runway head-  
ing until FLO30, then turn  
right.

All flights (VFR or IFR) departing from Hato Air-  
port shall file a flight plan at the Air Traffic Serv-  
ice Reporting Office.

100 octane, Jet A-1.

ABN. Fire 9.

**TURKS & CAICOS IS**
**Bahamas**
**Colonel Hill see Crooked I**
**Crooked I (Colonel Hill)**

11' MYCI CRI -05:00\* N22 44.7 W074 10.9  
1 242 344 2499. Apt Manager 1 242 344 2197.  
Ground Services 1 242 344 2197.

**09/27** 4031' ASPHALT. HIRL.

SR-SS.

Except with the prior approval of the Director of Civil Aviation, between sunset and sunrise, Civil Aircraft must not take-off or land.

Fire N.

**Caicos Is**
**Ambergris Cay**

9' MBAC -05:00\* N21 18.0 W071 38.5

Apt Administration 1-649-941-7214 Fri-Mon  
0800-1700 (EDT).

**07/25** 5699' ASPHALT. PCN 32/F/C/W/T.  
TORA 07 4701'. LDA 25 4701'. TODA 07 4701'.  
HIRL.

All arriving flights require 24 hours prior permission to land at the airfield. Email your request or call the flight information office.

Rescue fire fighting service category 3 with upgrade available to category 4,5 and 6 subject to 24 hours PPR.

Jet A.

ABN. Fire 3.

**North Caicos (North Caicos Intl) Apt of**

Entry

12' MBNC NCA -05:00\* N21 55.0 W071 56.4

**08/26** 3606' SAND/ASPH. PCN 43/F/A/X/U.  
RL.

ATND SKD SR-SS on call. Customs: SR-SS.

CAUTION: Birds in vicinity of airport.

Bird hazard: All aircraft must avoid overflying Flamingo Pond (Restricted Area MB ROO1) located approx. 1.0 mile northwest of airport unless above 2500' MSL.

Fire 2.

**Providenciales I. (Providenciales Intl) Apt of**  
Entry

28' MBPV PLS -05:00\* N21 46.4 W072 16.1

Apt Operator 649-941-4724.

**10/28** 9199' TARMAC. PCN 59/F/B/X/T. MIRL.

NOV - MAR 1100 - 0100Z. MAR - NOV 1000 -

0000Z. ATND SKD NOV - MAR 1100 - 0100Z.

MAR - NOV 1000 - 0000Z. Customs: NOV -

MAR 1100 - 0100Z. MAR - NOV 1000 - 0000Z.

CAUTION: Birds in vicinity of airport.

Animals in vicinity of airport.

Parachuting at Grace Bay Restricted Area MB R002 by interfacility coordination and by NOTAM.

WARNING: Parasailing takes place on Grace Bay from sunrise to sunset up to 600 ft AMSL.

All staff, pilots, and ground crew must wear high visibility clothing while on apron.

RFFS capable of upgrading to CAT 9 with 24 hr PPR. Subject to charges.

F-4, Jet A, Jet A-1.

ABN. Fire 7.

**South Caicos (South Caicos Intl)**

8' MBSC XSC -05:00\* N21 31.0 W071 31.7

Apt Operator 649-946-3226.

**11/29** 6335' ASPHALT. PCN 32/F/B/W/T.  
MIRL.

ATND SKD 1200 - 2130Z, outside operational hours O/R for hospital flights only. Customs: 1200 - 2130Z.

CAUTION: Birds in vicinity of airport.

Fire Fighting category 4 O/R with 24 hrs PNR. Charges apply.

Fire 3.



**TURKS & CAICOS IS**
**Turks Is**
**Grand Turk I. (Jags McCartney Intl) Apt of**

Entry

11' MBGT GDT -05:00\* N21 26.7 W071  
08.5

**12/30** 6368' ASPHALT. PCN 48/F/B/X/T. TORA  
30 5876'. LDA 12 5548'. LDA 30 5876'. TODA  
30 5876'. ASDA 30 5876'. HIRL.

NOV - MAR 1100 - 0100Z. MAR - NOV 1000 -  
0000Z. ATND SKD NOV - MAR 1100 - 0100Z.  
MAR - NOV 1000 - 0000Z. Customs:  
1300-2130Z Mon-Fri, 1200-2359Z Sat, Sun and  
Holidays. Outside these hours charges may  
apply.

CAUTION: Birds and animals in vicinity of air-  
port.

All aircraft must overfly the field prior to landing  
due to wildlife at the airport.

Fire Protection Category 5 & 6 24H prior  
request, subject to upgrade charges.

There is no 100LL AVGAS at this location.

Jet A-1. JASU.

ABN. Fire 4.

**Jags McCartney Intl see Grand Turk I.**

**Salt Cay**

12' MBSY SLX -05:00\* N21 20.1 W071 12.0

**08/26** 2530' SAND/ASPH.

SR-SS. On request after hours for hospital  
flights only.

CAUTION: Birds in vicinity of airport.

Exercise extreme CAUTION landing/taxiing/  
taking off due to loose granite chippings on rwy  
surface.

Fire 2.

## US CAR TERRITORIES

**Puerto Rico****Aguadilla (Rafael Hernandez)**

237' TJBQ BQN -04:00 N18 29.7 W067 07.8  
787-882-3556; 787-882-3515; 787-882-3576.  
ATS On Call Clearance delivery if FREQ are  
OTS SAN JUAN Center Radar Approach Control  
at 787-253-8664/8665. AWOS H24  
787-997-0715. Apt Manager 787-840-3151.

**08/26** 11702' ASPH/CONC. S 155, D-235,  
DDT 455, PCN 23/R/B/W/T. LDA 08 11313'.  
LDA 26 11313'. ASDA 26 11313'. HIRL.

Pavement has numerous cracks and ponding  
the entire length of runway.

ATND SKD H24. Customs.

No 180 degree turns on RWY for large and  
heavy jet aircraft.

Maintenance engine run prohibited between  
2100 to 0600 LCL time daily, except from Sat-  
urday to Sunday from 2100 to 0800LT.

Runway 08/26 pavement has numerous cracks  
and ponding on the mid-portion of the runway.

Taxiway F closed to all traffic indefinitely. Taxi-  
way A closed between C and D.

Taxiway A 1000 FT closed of Taxiway C  
closed.

Ultralight operations prohibited.

F-4, Jet A-1.

ABN. Fire B.

**Antonio Rivera Rodriguez see Isla De Vieques****Antonio/Nery/Juarbe Pol see Arecibo****Arecibo (Antonio/Nery/Juarbe Pol)**

21' TJBQ ARE -04:00 N18 27.1 W066 40.5  
ATS On Call Clearance delivery SAN JUAN  
Center Radar Approach Control at  
787-253-8664/8665. Apt Manager  
787-881-2072.

**08/26** 3963' ASPHALT. S 22. MIRL.

ATND SKD 0730-1600LT. Except major holi-  
days.

ABN.

**Ceiba (Jose Aponte De La Torre)**

38' TJRV -04:00 N18 14.7 W065 38.6  
ATS On Call Clearance delivery SAN JUAN  
Center Radar Approach Control at  
787-253-8664/8665. Apt Manager  
787-534-4105.

**07/25** 11000' ASPH/CONC. DDT 338, SW 122,  
T 185, DT 175, DW 185, TT 175. MIRL.

ATND SKD 0600-1830LT.

Reptiles on runway occasionally.

F-3, Jet A. Oxygen.

ABN.

**Eugenio Maria De Hostos see Mayaguez****Fernando Luis Ribas Dominicci see San Juan****Isla De Vieques (Antonio Rivera Rodriguez)**

Apt of Entry

49' TJVQ VQS -04:00 N18 08.1 W065 29.6  
ATS On Call Clearance delivery SAN JUAN  
Center Radar Approach Control at  
787-253-8664/8665. Apt Manager  
787-729-8715.

**09/27** 4301' ASPHALT. SW 20, T 40, DW 40.  
LDA 09 3405'. LDA 27 3405'. MIRL.

Rwy 27 Right-Hand Circuit.

ATND SKD 0600-1830LT. Customs:  
0600-1830.

Prior permission required for other B-III aircraft  
operations and limited to a wingspan of 88.75  
feet.

Rising terrain south.

ABN.

**Jose Aponte De La Torre see Ceiba****Luis Munoz Marin Intl see San Juan**

## US CAR TERRITORIES

**Mayaguez (Eugenio Maria De Hostos)**

28' TJMZ MAZ -04:00 N18 15.3 W067 08.9  
ATS On Call Clearance delivery if FREQ are  
OTS SAN JUAN Center Radar Approach Control  
at 787-253-8664/8667. Apt Manager  
787-832-3390.

**09/27** 4998' ASPHALT. S 85, DT 170, D-108.  
MIRL. Pilot Controlled Lighting.

ATND SKD 0730-1600LT. Customs: H24

Rapidly rising terrain in North, East and South  
sectors from airport.

Birds in vicinity of airport.

ABN.

**Mercedita see Ponce****Ponce (Mercedita)** Apt of Entry

28' TJPS PSE -04:00 N18 00.5 W066 33.9

ATS On Call Clearance delivery if FREQ are  
OTS SAN JUAN Center Radar Approach Control  
at 787-253-8664/8666. AWOS H24  
787-843-0344. Apt Manager 787-729-3151.

**12/30** 8004' ASPHALT. PCN 42/F/B/X/T. LDA  
12 5488'. LDA 30 6757'. ASDA 12 7357'. ASDA  
30 7004'. HIRL. Pilot Controlled Lighting.

Rwy 12 Right-Hand Circuit.

ATND SKD 0600-2000LT. Customs: Mon-Fri  
1200-2100Z

Jet A.

ABN. Fire A.

**Rafael Hernandez see Aguadilla****San Juan (Fernando Luis Ribas Dominicki)**

10' TJIG SIG -04:00 N18 27.4 W066 05.9

ATS On Call when Twr Clsd SAN JUAN Center  
Radar Approach Control at 787-253-8664/8664.  
Apt Manager 787-729-8715.

**09/27** 5539' ASPHALT. DW 88, DT 160, T 88,  
TT 160, S 52. TORA 09 5542'. TORA 27 5542'.  
LDA 09 5125'. LDA 27 5125'. TODA 09 5542'.  
TODA 27 5542'. ASDA 09 5425'. ASDA 27  
5425'. MIRL.

Rwy 27 Right-Hand Circuit.

ATND SKD 0600-1930LT. Customs:  
1000-2000LT.

Birds in vicinity of airport.

For aircraft rescue call (787) 729-8859.

Aircraft exceeding airport reference code of B-II  
use caution.

Exercise caution using right traffic patterns for  
Rwy 09.

Caution departing Rwy 09: obstruction, tall  
vessel at the marina.

ARFF Index A-1 equipment available  
0600-1930LT. ARFF not available between  
0800-0930LT and 1400-1430LT.

Banner towing in vicinity of airport.

F-4, Jet A.

ABN.

**San Juan (Luis Munoz Marin Intl)**

10' TJSJ SJU -04:00 N18 26.4 W066 00.1

H24 787-791-6500. Apt Manager  
787-289-7240.

**08/26** 10400' ASPHALT. DT 350, T 200,  
PCN 86/R/C/W/T, SW 100, DW 200, TT 350.  
TORA 08 9784'. TORA 26 8128'. LDA 08 9384'.  
LDA 26 9600'. ASDA 08 9784'. ASDA 26 9600'.  
HIRL. MIALS 08.

Rwy 08 Right-Hand Circuit.

**10/28** 8016' CONCRETE. TT 350, SW 100,  
DW 200, DT 350, T 200, PCN 68/R/C/W/T.  
HIRL. MIALS 10.

Rwy 10 Right-Hand Circuit.

ATND SKD H24. Lndg Rights.

Apron 12 available for general aviation aircraft  
only.

Twy J between J1 and J5(not including J5)  
closed to aircraft with greater than 118' wing-  
span.

Twy S between Twy S2 and Twy S5 closed ligh-  
ted and barricaded.

Aircraft 180 turns on taxiways requires PPR.

**US CAR TERRITORIES**

F-4, F-5, Jet A-1, JP-4, JP-5, J, Jet A+.  
Oxygen.

ABN. Fire D.

## Virgin Islands

**Henry E Rohlsen see St Croix I**

**King see St Thomas I/Charlotte Amalie**

**St Croix I (Henry E Rohlsen)** Apt of Entry

74' TISX STX -04:00 N17 42.1 W064 48.1

ATS On Call when Twr Clsd SAN JUAN Center  
Radar Approach Control at 787-253-8664/8665.  
Apt Manager 340-778-1012.

**10/28** 10004' ASPHALT. DW 175, T 175,  
DT 300, PCN 62/F/C/W/T, SW 100, TT 300.  
LDA 10 9003'. LDA 28 9003'. ASDA 10 9003'.  
HIRL. MIALS 10. Pilot Controlled Lighting.

Rwy 10 Right-Hand Circuit.

Rwy 10/28 is composite. 3 of the 15 sections  
are "rigid", the remaining sections are "flexible".

ATND SKD 0500-2300 LT. Customs.

Birds and wildlife on and in vicinity of airport.

Fuel available 0700-1900, other times 1 hr prior  
permission required call 340-778-9177 or  
340-778-0090.

F-3, Jet A-1.

ABN. Fire C.

**St Thomas I/Charlotte Amalie (King)** Apt of  
Entry

24' TIST STT -04:00 N18 20.2 W064 58.4

ATS On Call when Twr Clsd SAN JUAN Center  
Radar Approach Control at 787-253-8664/8665.  
Apt Manager 340-774-5100.

**10/28** 7000' ASPHALT. PCN 88/F/A/W/T,  
TT 195, S 100, D-155, DT 195, T 155. LDA 28  
3700'. ASDA 28 6000'. MIRL. Pilot Controlled  
Lighting.

Rwy 10 Right-Hand Circuit.

ATND SKD H24. Customs.

CAUTION: Pilots may encounter false illusory  
indications during NIGHT approaches to rwy 10  
when using outside visual cues for vertical guid-  
ance.

Fuel available 0700-1900LT, other times PPR  
call 340-777-9177, 340-772-8093,  
340-715-3821.

ARFF service unavailable 2300-0600LT.

F-3, Jet A.

ABN. Fire C.



# Airport Directory

Airport Decode Listings - South  
America

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

<b>A</b>		ARR	Alto Rio Senguerr (D.Casimiro Szlapelis), Argentina
AAO	Anaco, Venezuela	ARS	Aragarcas, Brazil
AAX	Araxa (Romeu Zema), Brazil	ASU	Asuncion (Silvio Pettirossi Intl), Paraguay
AEP	Buenos Aires (Jorge Newbery Aeroparque), Argentina	ATA	Anta Huaraz (Comandante German Arias Grazziani), Peru
AFA	San Rafael (S.A. Santiago Germano), Argentina	ATF	Ambato (Chachoan), Ecuador
AFL	Alta Floresta (Piloto Osvaldo Marques Dias), Brazil	ATI	Artigas (Artigas Intl), Uruguay
AGT	Minga Guazu (Guarani Intl), Paraguay	ATM	Altamira, Brazil
AGV	Acarigua (Gen Oswaldo Guevara Mujica), Venezuela	AUC	Arauca (Santiago Perez), Colombia
AHL	Aishalton, Guyana	AUX	Araguaina, Brazil
AIF	Assis (Marcelo Pires Halzhausen), Brazil	AXM	Armenia (El Eden), Colombia
AJU	Aracaju (Santa Maria Intl), Brazil	AYP	Ayacucho (Col Alfredo Mendivil Duarte), Peru
ALD	Alerta, Peru	<b>B</b>	
AMJ	Almenara (Cirilo Queiroz), Brazil	BAQ	Barranquilla (Ernesto Cortissoz), Colombia
ANF	Antofagasta (Andres Sabella), Chile	BAT	Barretos (Chafei Amsei), Brazil
ANS	Andahuaylas, Peru	BAU	Bauru, Brazil
AOL	Paso De Los Libres, Argentina	BAZ	Barcelos, Brazil
APB	Apolo, Bolivia	BBA	Balmaceda, Chile
APQ	Arapiraca, Brazil	BDC	Barra Do Corda, Brazil
APS	Anapolis, Brazil	BEF	Bluefields, Nicaragua
APU	Apucarana, Brazil	BEL	Belem (Val De Cans/Julio Cezar Ribeiro Intl), Brazil
APX	Arapongas, Brazil	BGA	Bucaramanga (Palonegro), Colombia
APZ	Zapala, Argentina	BGX	Bage (Cmte Gustavo Kraemer), Brazil
AQA	Araraquara (Bartolomeu de Gusmao), Brazil	BHA	San Vicente (Los Perales), Ecuador
AQP	Arequipa (Rodriguez Ballon), Peru	BHI	Bahia Blanca (Comandante Espora), Argentina
ARI	Arica (Chacalluta Intl), Chile		

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

BJO	Bermejo, Bolivia	CAQ	Caucasia, Colombia
BLA	Barcelona (Gen. Jose Antonio Anzoategui Intl), Venezuela	CAU	Caruaru, Brazil
BNS	Barinas (Barinas Luisa Caceres De Arismendi), Venezuela	CAW	Campos Dos Goytacazes (Bartolomeu Lisandro), Brazil
BNU	Blumenau, Brazil	CAY	Cayenne (Cayenne Felix Eboue), French Guiana
BOG	Bogota (El Dorado Intl), Colombia	CBB	Cochabamba (Jorge Wilstermann Intl), Bolivia
BPG	Barra Do Garcas, Brazil	CBL	Ciudad Bolivar (Gral. Tomas De Heres), Venezuela
BPS	Porto Seguro, Brazil	CBS	Cabimas (Oro Negro), Venezuela
BQQ	Barra, Brazil	CCH	Chile Chico, Chile
BRA	Barreiras, Brazil	CCI	Concordia (Olavo Cecco Rigon), Brazil
BRC	S C De Bariloche, Argentina	CCM	Criciuma (Forquilha-Criciuma), Brazil
BRM	Barquisimeto (Jacinto Lara Intl), Venezuela	CCP	Concepcion (Carriel Sur Intl), Chile
BSB	Brasilia (PRES Juscelino Kubitschek Intl), Brazil	CCS	Maiquetia (Simon Bolivar Intl), Venezuela
BSC	Bahia Solano (Jose Celestino Mutis), Colombia	CCT	Colonia Catriel, Argentina
BSS	Balsas, Brazil	CCX	Caceres, Brazil
BUN	Buenaventura (Gerardo Tobar Lopez), Colombia	CDJ	Conceicao Do Araguaia, Brazil
BVB	Boa Vista (Atlas Brazil Cantanhede Intl), Brazil	CEP	Concepcion, Bolivia
BVH	Vilhena, Brazil	CFB	Cabo Frio, Brazil
BVS	Breves, Brazil	CGB	Cuiaba (Marechal Rondon Intl), Brazil
BYC	Yacuiba, Bolivia	CGH	Sao Paulo (Congonhas), Brazil
BYO	Bonito, Brazil	CGR	Campo Grande (Campo Grande Intl), Brazil
<b>C</b>		CHH	Chachapoyas, Peru
CAC	Cascavel (Coronel Mendes Da Silva), Brazil	CHM	Chimbote (Tte Fap Jaime De Montreuil), Peru
CAF	Carauari, Brazil	CIJ	Cobija (Cap Av Civ Anibal Arab Fajardo), Bolivia
CAJ	Canaima, Venezuela		
CAM	Camiri, Bolivia		

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

CIM	Cimitarra, Colombia	CPQ	Campinas (Amarais), Brazil
CIX	Chiclayo (Capt FAP J A Quinones Gonzalez INTL), Peru	CPV	Campina Grande (Presidente Joao Suassuna), Brazil
CIZ	Coari, Brazil	CQA	Canarana, Brazil
CJA	Cajamarca (Gen Armando Revoredo Iglesias), Peru	CQS	Costa Marques, Brazil
CJC	Calama (El Loa), Chile	CRC	Cartago (Santa Ana), Colombia
CKO	Cornelio Procopio, Brazil	CRD	Comodoro Rivadavia (Gen Enrique Mosconi), Argentina
CKS	Parauapebas (Carajas), Brazil	CRR	Ceres, Argentina
CLN	Carolina (Brig Lysias A Rodrigues), Brazil	CSU	Santa Cruz Do Sul, Brazil
CLO	Cali (Alfonso Bonilla Aragon Intl), Colombia	CTC	Catamarca, Argentina
CLV	Caldas Novas, Brazil	CTG	Cartagena (Rafael Nunez), Colombia
CLX	Clorinda, Argentina	CUC	Cucuta (Camilo Daza Intl), Colombia
CLZ	Calabozo, Venezuela	CUE	Cuenca (Mariscal Lamar), Ecuador
CMG	Corumba (Corumba Intl), Brazil	CUM	Cumana (Mariscal Antonio Jose De Sucre), Venezuela
CNF	Belo Horizonte (Tancredo Neves Intl), Brazil	CUO	Caruru, Colombia
CNQ	Corrientes, Argentina	CUP	Carupano (Gen Jose Francisco Bermudez), Venezuela
CNR	Chanaral, Chile	CUT	Cutral-Co, Argentina
CNT	Charata, Argentina	CUZ	Cusco (Tnte FAP Alejandro Velazco Astete Intl), Peru
COC	Concordia (Comodoro Pierrestegui), Argentina	CVE	Covenas, Colombia
COG	Condoto (Mandinga), Colombia	CWB	Curitiba (Afonso Pena Intl), Brazil
COR	Cordoba (Ing Aer A L V Taravella), Argentina	CXJ	Caxias Do Sul (Campo Dos Bugres), Brazil
CPC	San Martin De Los Andes (Aviador C. Campos), Argentina	CYR	Colonia (Laguna de los Patos Intl), Uruguay
CPG	Carmen De Patagones, Argentina	CZE	Coro (Jose Leonardo Chirino), Venezuela
CPL	Chaparral (Gen Navas Pardo), Colombia	CZS	Cruzeiro Do Sul (Cruzeiro Do Sul-Intl), Brazil
CPO	Caldera (Desierto De Atacama), Chile	CZU	Corozal (Las Brujas), Colombia



**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

<b>D</b>		EYP	El Yopal, Colombia
DIQ	Divinópolis (Brigadeiro Antonio Cabral), Brazil	EZE	Buenos Aires (Ezeiza Intl Ministro Pistarini), Argentina
DMT	Diamantino, Brazil		
DNO	Dianópolis, Brazil	<b>F</b>	
DOU	Dourados, Brazil	FBE	Francisco Beltrão, Brazil
DZO	Durazno (Santa Bernardina Intl), Uruguay	FEN	Fernando De Noronha, Brazil
		FFU	Futaleufu, Chile
<b>E</b>		FLA	Florencia (Gustavo A Paredes), Colombia
EBG	El Bagre (El Tomin), Colombia	FLB	Florianópolis (Cangapara), Brazil
ECI	Costa Esmeralda, Nicaragua	FLN	Florianópolis (Hercílio Luz Intl), Brazil
EHL	El Bolson, Argentina	FMA	Formosa, Argentina
EJA	Barrancabermeja (Yariguies), Colombia	FOR	Fortaleza (Pinto Martins Intl), Brazil
ELB	El Banco (El Banco Apt.), Colombia	FRC	Franca (Tenente Lund Pressoto), Brazil
ELO	Eldorado, Argentina	FTE	El Calafate, Argentina
EMX	El Maiten, Argentina		
ENO	Encarnación (Ten. Amin Ayub G Intl), Paraguay	<b>G</b>	
EOH	Medellín (Olaya Herrera), Colombia	GDO	Vara de María (Guasdalito), Venezuela
EOR	El Dorado, Venezuela	GDP	Guadalupe, Brazil
EOZ	Elorza, Venezuela	GEL	Santo Angelo (Sepe Tiaraju), Brazil
EPA	Buenos Aires (El Palomar), Argentina	GEO	Georgetown (Cheddi Jagan Intl), Guyana
EQS	Esquel (Brig. Gral. Antonio Parodi), Argentina	GGG	Gobernador Gregores, Argentina
ERM	Erechim, Brazil	GHU	Gualeduaychu, Argentina
ERN	Eirunepé, Brazil	GIG	Rio De Janeiro (Galeão-Antonio Carlos Jobim Intl), Brazil
ESG	Mariscal Estigarribia (Prof Dr Pac Luis María Argana Intl), Paraguay	GIR	Girardot (Santiago Vila), Colombia
ESR	El Salvador (Ricardo García Posada), Chile	GJM	Guajará Mirim, Brazil
		GNM	Guanambi, Brazil
		GNR	General Roca, Argentina

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

GPB	Guarapuava (Tancredo Thomas de Faria), Brazil	IGR	Cataratas Del Iguazu (Mayor D Carlos Eduardo Krause), Argentina
GPI	Guapi (Juan Casiano), Colombia	IGU	Foz Do Iguacu (Cataratas Intl), Brazil
GPO	General Pico, Argentina	IJU	Ijuí, Brazil
GPS	Baltra I Galapagos Is (Seymour), Ecuador	IMB	Imbaimadai, Guyana
GRP	Gurupi, Brazil	IMP	Imperatriz (Prefeito Renato Moreira), Brazil
GRU	Sao Paulo (Guarulhos-Gov Andre Franco Montoro Intl), Brazil	IOS	Ilheus (Bahia-Jorge Amado), Brazil
GUI	Guiria (Almirante Cristobal Colon), Venezuela	IPG	Santo Antonio Do Ica (Ipiranga), Brazil
GUJ	Guaratingueta, Brazil	IPI	Ipiales (San Luis), Colombia
GUQ	Guanare, Venezuela	IPN	Ipatinga (Usiminas), Brazil
GUZ	Guarapari, Brazil	IQQ	Iquique (Diego Aracena Intl), Chile
GVR	Governador Valadares (Cel. Altino Machado), Brazil	IQT	Iquitos (Col Francisco Secada Vignetta Intl), Peru
GXQ	Coyhaique (Teniente Vidal), Chile	IRE	Irece, Brazil
GYE	Guayaquil (Jose Joaquin de Olmedo Intl), Ecuador	IRJ	La Rioja (Cap Vicente A Almonacid), Argentina
GYN	Goiania (Santa Genoveva Intl), Brazil	ITA	Itacoatiara, Brazil
<b>H</b>		ITB	Itaituba, Brazil
HOS	Chos Malal, Argentina	ITQ	Itaqui, Brazil
HTZ	Hato Corozal, Colombia	IZA	Goiana (PRES Itamar Franco), Brazil
HUU	Huanuco (Alferez David Figueroa Fernandini), Peru	<b>J</b>	
<b>I</b>		JAE	Jaen (Shumba), Peru
IBE	Ibague (Perales), Colombia	JAU	Jauja (Francisco Carle), Peru
ICA	Icabarú, Venezuela	JCB	Joacaba (Santa Terezinha), Brazil
IGB	Ingeniero Jacobacci (Ingeniero Jacobacci/Cabo FAA H.R.Bordon), Argentina	JCR	Jacareacanga, Brazil
IGO	Chigorodo, Colombia	JDF	Juiz De Fora (Francisco De Assis), Brazil
		JDO	Juazeiro Do Norte (Orlando Bezerra De Menezes), Brazil
		JIA	Juina, Brazil

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

JJI	Juanjui, Peru	LGR	Cochrane, Chile
JNA	Januaria, Brazil	LGS	Malargue (Com Ricardo Salomon), Argentina
JPA	Joao Pessoa (PRES Castro Pinto Intl), Brazil	LHS	Las Heras (Los Perales), Argentina
JPR	Ji-Parana, Brazil	LIM	Lima-Callao (Jorge Chavez Intl), Peru
JSM	Jose De San Martin, Argentina	LMD	Los Menucos, Argentina
JUU	Jujuy (Gobernador Horacio Guzman), Argentina	LOB	Los Andes (San Rafael), Chile
JUL	Juliaca (Inca Manco Capac Intl), Peru	LPB	La Paz (El Alto Intl), Bolivia
<b>K</b>		LPG	La Plata, Argentina
		LQM	Puerto Leguizamo (Caucaya), Colombia
	KAR	LSC	La Serena (La Florida), Chile
	KAV	LSP	Paraguana (Josefa Camejo Intl), Venezuela
	KNA	LSQ	Los Angeles (Maria Dolores), Chile
KRM	Karanambo, Guyana	LTM	Lethem, Guyana
KTO	Kato, Guyana	LTX	Latacunga (Cotopaxi Intl Alternative), Ecuador
<b>L</b>		LUB	Lumidpau, Guyana
	LAJ	LUQ	San Luis (Brig. Mayor D. Cesar Raul Ojeda), Argentina
	LAZ		
	LBR		
	LCM		
	LCP		
	LDB		
	LDX		
	LEC		
	LET		
<b>M</b>	LFR		
	LGQ		
		MAB	Maraba (Joao Correa Da Rocha), Brazil
		MAO	Manaus (Eduardo Gomes Intl), Brazil
		MAR	Maracaibo (La Chinita Intl), Venezuela
		MBZ	Maues, Brazil
		MCJ	Maicao (Jorge Isaac), Colombia
		MCP	Macapa (Alberto Alcolumbre Intl), Brazil
		MCS	Monte Caseros, Argentina

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

MCZ	Maceio (Zumbi Dos Palmares), Brazil	MRR	Macara (Jose Maria Velasco Ibarra), Ecuador
MDE	Rionegro (Jose Maria Cordova), Colombia	MTE	Monte Alegre, Brazil
MDQ	Mar Del Plata (Astor Piazzolla), Argentina	MTR	Monteria (Los Garzones), Colombia
MDX	Mercedes, Argentina	MUN	Maturin (Gen. Jose Tadeo Monagas Intl.), Venezuela
MDZ	Mendoza (El Plumerillo), Argentina	MVD	Montevideo (Carrasco Intl/Gen C L Berisso), Uruguay
MEA	Macaes, Brazil	MVF	Mossoro (Dix Sept Rosado), Brazil
MEC	Manta (Eloy Alfaro Intl), Ecuador	MVP	Mitu (Leon Bentley), Colombia
MEU	Almeirim (Monte Dourado), Brazil	MZL	Manizales (La Nubia), Colombia
MFS	Miraflores, Colombia		
MGA	Managua (Augusto Cesar Sandino Intl), Nicaragua	<b>N</b>	
MGD	Magdalena, Bolivia	NAI	Annai, Guyana
MGF	Maringa (Silvio Name Junior), Brazil	NAT	Sao Goncalo Do Amarante (Gov Aluizio Alves Intl), Brazil
MGN	Magangue (Baracoa), Colombia	NEC	Necochea, Argentina
MHA	Mahdia, Guyana	NNU	Nanuque, Brazil
MHC	Dalcahue (Mocopulli), Chile	NOK	Nova Xavantina (Xavantina), Brazil
MHW	Monteagudo (Apiaguaiki Tumpa), Bolivia	NQL	Niquelandia, Brazil
MII	Marilia, Brazil	NQN	Neuquen (Presidente Peron), Argentina
MJR	Miramar, Argentina	NSA	Natal (Augusto Severo), Brazil
MLZ	Melo (Cerro Largo Intl), Uruguay	NVA	Neiva (Benito Salas), Colombia
MMP	Mompos (San Bernardo), Colombia	NVP	Novo Aripuana, Brazil
MNX	Manicore, Brazil	NVT	Navegantes (Ministro Victor Konder Intl), Brazil
MOC	Montes Claros (Mario Ribeiro), Brazil		
MPN	Mount Pleasant, Falkland Is	<b>O</b>	
MQU	Mariquita (Jose Celestino Mutis), Colombia	OBI	Obidos, Brazil
MRD	Merida (Alberto Carnevali), Venezuela	OCC	Coca (Francisco De Orellana), Ecuador
		OCV	Ocana (Aguas Claras), Colombia
		OEM	Paloemeu (Vincent Faiks), Suriname

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

OES	San Antonio Oeste (Antoine De Saint Exupery), Argentina	PDP	Maldonado (Capitan Curbelo Intl), Uruguay
OLK	Fuerte Olimpo (1ro Incencio Heredia), Paraguay	PDU	Paysandu (Tydeo Larre Borges Intl), Uruguay
OPS	Sinop (Presidente Joao Batista Figueiredo), Brazil	PDZ	Pedernales (Capure Delta Amacuro), Venezuela
ORA	Oran, Argentina	PEH	Pehuajo (Comodoro P. Zanni), Argentina
ORC	Orocue, Colombia	PEI	Pereira (Matecana), Colombia
ORJ	Orinduik, Guyana	PEM	Puerto Maldonado (Padre Aldamiz), Peru
ORU	Oruro (Juan Mendoza), Bolivia	PET	Pelotas (Pelotas Intl), Brazil
ORX	Oriximina, Brazil	PFB	Passo Fundo (Lauro Kurtz), Brazil
OTU	Remedios (Otu), Colombia	PHB	Parnaiba (Prefeito Dr. Joao Silva Filho, Intl), Brazil
OUS	Ourinhos, Brazil	PHI	Pinheiro, Brazil
OYA	Goya, Argentina	PIN	Parintins, Brazil
OYK	Oiapoque, Brazil	PIO	Pisco, Peru
OYO	Tres Arroyos, Argentina	PIU	Piura (Capt Guillermo Concha Iberico), Peru
OYP	St Georges De L'Oyapock, French Guiana	PIV	Pirapora, Brazil
<b>P</b>		PJC	Pedro Juan Caballero (Augusto Roberto Fuster Intl), Paraguay
PAL	Palanquero (Capt German Olano), Colombia	PLL	Manaus (Ponta Pelada), Brazil
PAV	Paulo Afonso, Brazil	PLU	Belo Horizonte (Pampulha-Carlos Drummond De Andrade), Brazil
PBE	Puerto Berrio (Morela), Colombia	PMC	Puerto Montt (El Tepual Intl), Chile
PBL	Puerto Cabello (Gen. Bartolome Salom), Venezuela	PMG	Ponta Pora (Ponta Pora Intl), Brazil
PBM	Zandery (J.A. Pengel Intl), Suriname	PMQ	Perito Moreno, Argentina
PCL	Pucallpa (Cap FAP David Armando Abensur Rengifo Intl), Peru	PMV	Margarita (Chief Gen Santiago Marino Intl), Venezuela
PCR	Puerto Carreno (German Olano), Colombia	PMW	Palmas (Brigadeiro Lysias Rodrigues), Brazil
PCS	Picos, Brazil		
PDA	Puerto Inirida (Cesar Gaviria Trujillo), Colombia		

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

PMY	Puerto Madryn (El Tehuelche), Argentina	PUZ	Puerto Cabezas, Nicaragua
PNB	Porto Nacional, Brazil	PVA	Isla Providencia (El Embrujo), Colombia
PNG	Paranagua, Brazil	PVH	Porto Velho (Governador Jorge Teixeira de Oliveira Intl), Brazil
PNT	Natales (Teniente Julio Gallardo), Chile	PVI	Paranavai, Brazil
PNZ	Petrolina (Sen Nilo Coelho), Brazil	PYH	Puerto Ayacucho (Casique Aramare Natl), Venezuela
POA	Porto Alegre (Salgado Filho Intl), Brazil	PZA	Paz De Ariporo, Colombia
POJ	Patos De Minas, Brazil	PZO	Ciudad Guayana (Gen. Manuel Carlos Piar Intl), Venezuela
POO	Pocos De Caldas, Brazil	PZS	Padre Las Casas (Maquehue), Chile
PPB	Presidente Prudente, Brazil		
PPN	Popayan (Guillermo Leon Valencia), Colombia	<b>Q</b>	
PPY	Pouso Alegre, Brazil	QAC	Castro, Brazil
PRA	Parana (Gen Urquiza), Argentina	QAK	Barbacena (Maj Brig Doorgal Borges), Brazil
PRQ	Presidencia Roque S. Pena, Argentina	QBX	Sobral, Brazil
PSO	Pasto (Antonio Narino), Colombia	QCJ	Botucatu, Brazil
PSS	Posadas (Liberador Gral D Jose De San M), Argentina	QCN	Canela, Brazil
PSW	Passos (Municipal Jose Figueiredo), Brazil	QCP	Currais Novos, Brazil
PSZ	Puerto Suarez (Tte. Av. Salvador Ogaya G. Intl), Bolivia	QCR	Curitiba (Lauro Antonio da Costa), Brazil
PTM	Palmarito, Venezuela	QDB	Cachoeira Do Sul, Brazil
PTO	Pato Branco, Brazil	QDC	Dracena, Brazil
PTQ	Porto De Moz, Brazil	QDF	Das Bandeirinhas (Conselheiro Lafaiete), Brazil
PTX	Pitalito (Contador), Colombia	QDV	Jundiai (CMTE Rolim Adolfo Amaro), Brazil
PTZ	Shell (Rio Amazonas), Ecuador	QGC	Lencois Paulista (Mun Jose Boso), Brazil
PUD	Puerto Deseado, Argentina	QGF	Montenegro, Brazil
PUQ	Punta Arenas (Carlos Ibanez Del Campo Intl), Chile	QGP	Garanhuns, Brazil
PUU	Puerto Asis (3 De Mayo), Colombia	QHB	Piracicaba, Brazil

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

QHN	Taguatinga, Brazil	REC	Recife (Guararapes-Gilberto Freyre Intl), Brazil
QHV	Novo Hamburgo, Brazil	REL	Trelew (Almirante Zar), Argentina
QIG	Iguatu, Brazil	RES	Resistencia, Argentina
QIQ	Rio Claro, Brazil	REY	Reyes, Bolivia
QIT	Itapetinga, Brazil	RGA	Rio Grande, Argentina
QOA	Mococa, Brazil	RGL	Rio Gallegos (Norberto Fernandez), Argentina
QOJ	Sao Borja, Brazil	RHD	Santiago Del Estero (Termas de Rio Hondo), Argentina
QPS	Pirassununga (Campo Fontenelle), Brazil	RIA	Santa Maria, Brazil
QRC	Rancagua (De La Independencia), Chile	RIB	Riberalta (Cap De Av Selin Zeitun Lopez), Bolivia
QRE	Carazinho, Brazil	RIJ	Rioja, Peru
QRF	Bragado, Argentina	RIM	Rodriguez De Mendoza (San Nicolas), Peru
QRZ	Resende, Brazil	ROO	Rondonopolis, Brazil
QTL	Caratinga, Brazil	ROS	Rosario (Islas Malvinas), Argentina
QVB	Uniao Da Vitoria, Brazil	ROY	Rio Mayo, Argentina
QVP	Avare (Avare-Arandu), Brazil	RSA	Santa Rosa, Argentina
QXD	Cachoeiro Do Itapemirim, Brazil	RVD	Rio Verde (Gen Leite De Castro), Brazil
<b>R</b>		RVE	Saravena (Colonizadores), Colombia
RAO	Ribeirao Preto (Leite Lopes), Brazil	RVY	Rivera (Presidente General don Oscar D. Gestido Intl), Uruguay
RAV	Cravo Norte, Colombia	RZA	Santa Cruz, Argentina
RBB	Borba, Brazil	<b>S</b>	
RBO	Robore, Bolivia	SBJ	Sao Mateus, Brazil
RBQ	Rurrenabaque, Bolivia	SCI	San Cristobal (Paramillo), Venezuela
RBR	Rio Branco (Placido de Castro), Brazil	SCL	Santiago (Arturo Merino Benitez Intl), Chile
RCH	Riohacha (Almirante Padilla), Colombia	SCY	San Cristobal, Ecuador
RCQ	Reconquista, Argentina		
RCU	Rio Cuarto (Area De Material), Argentina		
RDC	Redencao, Brazil		

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

SDE	Santiago Del Estero (Vcom Angel D. La Paz Aragonese), Argentina	SNV	Santa Elena De Uairen Ntl (Santa Elena), Venezuela
SDU	Rio De Janeiro (Santos Dumont), Brazil	SNZ	Rio De Janeiro (Santa Cruz), Brazil
SFD	San Fernando De Apure (Las Flecheras), Venezuela	SOD	Sorocaba, Brazil
SFK	Soure, Brazil	SOM	San Tome (Don Edmundo Barrios), Venezuela
SFN	Santa Fe (Sauce Viejo), Argentina	SOX	Sogamoso (Alberto Lleras Camargo), Colombia
SGV	Sierra Grande, Argentina	SQX	Sao Miguel Do Oeste, Brazil
SJA	San Juan De Marcona, Peru	SQY	Sao Lourenco Do Sul, Brazil
SJB	San Joaquin, Bolivia	SRA	Santa Rosa, Brazil
SJE	San Jose Del Guaviare (Jorge E Gonzalez), Colombia	SRD	San Ramon, Bolivia
SJK	Sao Jose Dos Campos (Prof Urbano Ernesto Stumpf, INTL), Brazil	SRJ	San Borja (Cap German Quiroga G), Bolivia
SJL	Sao Gabriel Da Cachoeira, Brazil	SRZ	Santa Cruz (El Trompillo), Bolivia
SJP	Sao Jose Do Rio Preto (Professor Eriberto Manoel Reino), Brazil	SSA	Salvador (Dep. L. E. Magalhaes Intl), Brazil
SJV	San Javier, Bolivia	SSD	San Felipe (Victor Lafon), Chile
SLA	Salta (Gen. Don Martin Miguel de Guemes), Argentina	SSO	Sao Lourenco, Brazil
SLZ	Sao Luis (Marechal Cunha Machado Intl), Brazil	SST	Santa Teresita, Argentina
SMB	Cerro Sombrero (Franco Bianco), Chile	SSZ	Guaruja (Base Aerea De Santos), Brazil
SMT	Sorriso (Regional de Sorriso Adolino Bedin), Brazil	STB	Santa Barbara Del Zulia (Dr Miguel A. Urdaneta F.), Venezuela
SNC	Salinas (Gen Ulpiano Paez), Ecuador	STD	Santo Domingo (Mayor Buenaventura Vivas Intl AB), Venezuela
SNF	San Felipe (Sub Teniente Nestor Arias), Venezuela	STM	Santarem (Maestro Wilson Fonseca Intl), Brazil
SNG	San Ignacio De Velasco (Cap. Av. Juan Cochamanidis San Ignacio De Velasco), Bolivia	STY	Salto (Salto Nueva Hesperides Intl), Uruguay
SNM	San Ignacio De Moxos, Bolivia	STZ	Santa Terezinha, Brazil
		SUQ	Sucua, Ecuador
		SVI	San Vicente Del Caguan (Eduardo Falla Solano), Colombia



**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

SXO	Sao Felix Do Araguaia, Brazil	TPP	Tarapoto (CAP FAP Guillermo del Castillo), Peru
SXX	Sao Felix Do Xingu, Brazil	TRB	Turbo (Gonzalo Mejia), Colombia
SYC	Leon Velarde (Shiringayoc O Hda Mejia), Peru	TRQ	Tarauaca, Brazil
<b>T</b>		TRU	Trujillo (Cap Carlos Martinez De Píñillos Intl), Peru
TAW	Tacuarembó, Uruguay	TSC	Taisha, Ecuador
TBP	Tumbes (Pedro Canga), Peru	TTC	Taltal (Las Breas), Chile
TBT	Tabatinga (Tabatinga Intl), Brazil	TUA	Tulcan (Tcnrl Luis A Mantilla), Ecuador
TCQ	Tacna (Col Carlos Ciriani Santa Rosa), Peru	TUC	Tucuman (Benjamin Matienzo), Argentina
TDA	Trinidad, Colombia	TUR	Tucurui, Brazil
TDD	Trinidad (Jorge Henrich Intl), Bolivia	TUV	Tucupita, Venezuela
TDL	Tandil (Heroes de Malvinas), Argentina	TXF	Teixeira de Freitas, Brazil
TEC	Telemaco Borba, Brazil	TYL	Talara (Capitan Montes Intl), Peru
TFF	Tefe, Brazil	TYT	Treinta Y Tres, Uruguay
TGI	Tingo Maria, Peru	<b>U</b>	
THE	Teresina (Senador Petronio Portella), Brazil	UAQ	San Juan (Domingo Faustino Sarmento), Argentina
TIB	Tibu, Colombia	UBA	Uberaba (Mario De Almeida Franco), Brazil
TJA	Tarija (Capt Oriel Lea Plaza Intl), Bolivia	UBT	Ubatuba, Brazil
TJL	Tres Lagoas, Brazil	UDI	Uberlandia (Ten Cel Av Cesar Bombonato), Brazil
TLX	Talca (Panguilemo), Chile	UIB	Quibdo (El Carano), Colombia
TME	Tame (Gustavo Vargas), Colombia	UIO	Quito (Mariscal Sucre Intl), Ecuador
TMO	Tumeremo, Venezuela	ULA	San Julian (Cap. D. Jose D. Vasquez), Argentina
TMT	Oriximina (Trombetas), Brazil	ULQ	Tulua (Farfan), Colombia
TOQ	Tocopilla (Barriles), Chile	UMI	Quincemil, Peru
TOW	Toledo (Luiz Dalcanale Filho), Brazil	UMU	Umuarama (Orlando de Carvalho), Brazil
TPC	Tarapoa, Ecuador		
TPN	Tiputini, Ecuador		

**SOUTH AMERICA**  
**IATA LOCATION IDENTIFIERS DECODE**

URG	Uruguaiana (Rubem Berta), Brazil	VOT	Votuporanga, Brazil
URM	Uriman, Venezuela	VUP	Valledupar (Alfonso Lopez Pumarejo), Colombia
USH	Ushuaia (Malvinas Argentinas), Argentina	VVC	Villavicencio (Vanguardia), Colombia
UZU	Curuzu Cuatia, Argentina	VVI	Santa Cruz (Viru Viru Intl), Bolivia
<b>V</b>		<b>W</b>	
VAG	Varginha (Maj Brigadeiro Trompowsky), Brazil	WPA	Puerto Aysen (Cabo Juan Roman), Chile
VAH	Vallegrande (Cap. Av. Vidal Villagomez), Bolivia	WPR	Porvenir (Capitan Fuentes Martinez), Chile
VCF	Valcheta, Argentina	WPU	Puerto Williams (Guardiamarina Zañartu), Chile
VCH	Vichadero, Uruguay		
VCP	Campinas (Viracopos Intl), Brazil	<b>X</b>	
VCR	Carora, Venezuela	XAP	Chapeco (Serafin Enoss Bertaso), Brazil
VDC	Vitoria Da Conquista, Brazil	XAU	Saul, French Guiana
VDM	Viedma (Gobernador Castello), Argentina	XMS	Macas (Crnl. E. Carvajal), Ecuador
VDP	Valle De La Pascua, Venezuela	<b>Y</b>	
VDR	Villa Dolores, Argentina	YAI	Chillan (Gen. Bernardo O'Higgins), Chile
VGZ	Villa Garzon (Cananguchal), Colombia	YMS	Yurimaguas (Moises Benzaquen Ringifo), Peru
VIA	Videira (Angelo Ponzoni), Brazil	<b>Z</b>	
VIG	El Vigia (Juan Pablo Perez Alfonzo), Venezuela	ZAL	Valdivia (Pichoy), Chile
VIX	Vitoria (Eurico De Aguiar Salles), Brazil	ZCO	Freire (La Araucania), Chile
VLG	Villa Gesell, Argentina	ZIC	Victoria, Chile
VLM	Villamontes (Rafael Pabon), Bolivia	ZOS	Osorno (Canal Bajo/Carlos H Siebert), Chile
VLN	Valencia (Arturo Michelena Intl), Venezuela	ZPC	Pucon, Chile
VLR	Vallenar, Chile	ZUD	Ancud (Pupelde), Chile
VLV	Valera (Dr. Antonio Nicolas Briceno), Venezuela		

**SOUTH AMERICA**  
**JEPPESEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

<b>EG</b>	<b>Falkland Is</b>	SARR	Resistencia FIR	SADP	Buenos Aires (El Palomar)
EGYP	Mount Pleasant	SAVF	Comodoro Rivadavia FIR	SADQ	Quilmes
<b>MH</b>	<b>FIR/UIR</b>	<b>SA</b>	<b>Argentina</b>	SADR	Merlo
MHCC	Central American FIR/UIR	SAAC	Concordia (Comodoro Pierrestegui)	SADZ	Matanza
<b>MN</b>	<b>Nicaragua</b>	SAAG	Gualeguaychu	SAEM	Miramar
MNBL	Bluefields	SAAI	Punta Indio (Punta Indio Ns)	SAEZ	Buenos Aires (Ezeiza Intl Ministro Pistarini)
MNBR	Los Brasiles	SAAN	Pergamino	SAFR	Rafaela
MNBZ	Bonanza	SAAP	Parana (Gen Urquiza)	SAFS	Sunchales (Sunchales Aeroclub)
MNCE	Costa Esmeralda	SAAR	Rosario (Islas Malvinas)	SAHC	Chos Malal
MNCH	Chinandega	SAAV	Santa Fe (Sauce Viejo)	SAHR	General Roca
MNLN	Leon	SABE	Buenos Aires (Jorge Newbery Aeroparque)	SAHZ	Zapala
MNMG	Managua (Augusto Cesar Sandino Intl)	SACA	Cordoba (Capitan D. Omar Dario Gellardi)	SAMA	General Alvear
MNMR	Montelimar	SACC	La Cumbre	SAME	Mendoza (El Plumerillo)
MNNG	N. Guinea	SACD	Coronel Olmedo	SAMM	Malargue (Com Ricardo Salomon)
MNPC	Puerto Cabezas	SACO	Cordoba (Ing Aer A L V Taravella)	SAMP	La Paz
MNRT	Rosita	SACT	Gobernador Gordillo (Chamical)	SAMR	San Rafael (S.A. Santiago Germano)
MNSC	Rio San Juan (San Carlos)	SADF	San Fernando (San Fernando Intl)	SANC	Catamarca
MNSI	Siuna	SADJ	Mariano Moreno	SANE	Santiago Del Estero (Vcom Angel D. La Paz Aragonese)
MNSN	San Juan de Nicaragua	SADL	La Plata	SANI	Tinogasta
MNWP	Waspan	SADM	Moron	SANL	La Rioja (Cap Vicente A Almonacid)
<b>MP</b>	<b>FIR/UIR</b>			SANO	Chilecito (Brig. Juan Fancudo Quiroga)
MPZL	Panama FIR/UIR			SANR	Santiago Del Estero (Termas de Rio Hondo)
SACF	Cordoba FIR				
SAEF	Ezeiza FIR				
SAMF	Mendoza FIR				

**SOUTH AMERICA**  
**JEPPESEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SANT	Tucuman (Benjamin Matienzo)	SASO	Oran	SAWG	Rio Gallegos (Norberto Fernandez)
SANU	San Juan (Domingo Faustino Sarmiento)	SAST	Tartagal (GEN E Mosconi)	SAWH	Ushuaia (Malvinas Argentinas)
SANW	Ceres	SATC	Clorinda	SAWJ	San Julian (Cap. D. Jose D. Vasquez)
SAOC	Rio Cuarto (Area De Material)	SATD	Eldorado	SAWM	Rio Mayo
SAOD	Villa Dolores	SATG	Goya	SAWP	Perito Moreno
SAOL	Laboulaye	SATO	Obera	SAWR	Gobernador Gre-gores
SAOM	Marcos Juarez	SATR	Reconquista	SAWS	Jose De San Martin
SAOR	Villa Reynolds	SATU	Curuzu Cuatia	SAWT	El Turbio (28 De Noviembre)
SAOS	Valle del Conlara (Sta. Rosa de Con-lara)	SAVB	El Bolson	SAWU	Santa Cruz
SAOU	San Luis (Brig. May-or D. Cesar Raul Ojeda)	SAVC	Comodoro Rivada-via (Gen Enrique Mosconi)	SAZA	Azul
SARC	Corrientes	SAVD	El Maiten	SAZB	Bahia Blanca (Co-mandante Espora)
SARE	Resistencia	SAVE	Esquel (Brig. Gral. Antonio Parodi)	SAZC	Coronel Suarez (Brig D Hector Eduardo Ruiz)
SARF	Formosa	SAVN	San Antonio Oeste (Antoine De Saint Exupery)	SAZE	Pigue
SARI	Cataratas Del Igua-zu (Mayor D Carlos Eduardo Krause)	SAVQ	Maquinchao	SAZF	Olavarria
SARL	Paso De Los Libres	SAVR	Alto Rio Senguerr (D.Casimiro Szlapel-lis)	SAZG	General Pico
SARM	Monte Caseros	SAVS	Sierra Grande	SAZH	Tres Arroyos
SARP	Posadas (Liberador Gral D Jose De San M)	SAVT	Trelew (Almirante Zar)	SAZI	Bolivar
SARS	Presidencia Roque S. Pena	SAVV	Viedma (Goberna-dor Castello)	SAZJ	Juarez
SASA	Salta (Gen. Don Martin Miguel de Guemes)	SAVY	Puerto Madryn (El Tehuelche)	SAZL	Santa Teresita
SASJ	Jujuy (Gobernador Horacio Guzman)	SAWC	El Calafate	SAZM	Mar Del Plata (Astor Piazzolla)
		SAWD	Puerto Deseado	SAZN	Neuquen (Presi-dente Peron)
		SAWE	Rio Grande	SAZO	Necochea
				SAZP	Pehuajo (Comodoro P. Zanni)

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SAZQ	Rio Colorado	SBAT	Alta Floresta (Piloto Osvaldo Marques Dias)	SBCC	Guaranta Do Norte (Campo de Provas Brig. Veloso)
SAZR	Santa Rosa				
SAZS	S C De Bariloche	SBAU	Aracatuba	SBCD	Cacador
SAZT	Tandil (Heroes de Malvinas)	SBAV	Rosana (Usina Porto Primavera)	SBCF	Belo Horizonte (Tancredo Neves Intl)
SAZV	Villa Gesell	SBAX	Araxa (Romeu Zema)	SBCG	Campo Grande (Campo Grande Intl)
SAZW	Cutral-Co				
SAZX	Nueve De Julio	SBBE	Belem (Val De Cans/Julio Cezar Ribeiro Intl)	SBCH	Chapeco (Serafin Enoss Bertaso)
SAZY	San Martin De Los Andes (Aviador C. Campos)	SBBG	Bage (Cmte Gustavo Kraemer)	SBCI	Carolina (Brig Lydias A Rodrigues)
<b>SB</b>	<b>FIR/UIR</b>	SBBH	Belo Horizonte (Pampulha-Carlos Drummond De Andrade)	SBCJ	Parauapebas (Carajas)
SBAO	Atlantico FIR/UIR				
SBAZ	Amazonica FIR/UIR			SBCM	Criciuma (Forquilha-Criciuma)
SBBS	Brasilia FIR/UIR	SBDI	Curitiba (Bacacheri)	SBCN	Caldas Novas
SBCW	Curitiba FIR/UIR	SBBP	Braganca Paulista (Arthur Siqueira)	SBCO	Canoas
SBRE	Recife FIR/UIR	SBBQ	Barbacena (Maj Brig Doorgal Borges)	SBCP	Campos Dos Goytazes (Bartolomeu Lisandro)
<b>SB</b>	<b>Brazil</b>	SBBR	Brasilia (PRES Juscelino Kubitschek Intl)	SBCR	Corumba (Corumba Intl)
SBA A	Conceicao Do Araguaia				
SBAC	Aracati	SBBU	Bauru	SBCT	Curitiba (Afonso Pena Intl)
SBAE	Bauru (Bauru-Arealva)	SBBV	Boa Vista (Atlas Brazil Cantanhede Intl)	SBCX	Caxias Do Sul (Campo Dos Bugres)
SBAF	Rio De Janeiro (Campo Delio Jardim de Mattos)	SBBW	Barra Do Garcas	SBCY	Cuiaba (Marechal Rondon Intl)
SBAN	Anapolis (Base Aerea)	SBBZ	Cabo Frio (Umberto Modiano)	SBCZ	Cruzeiro Do Sul (Cruzeiro Do Sul-Intl)
SBAQ	Araraquara (Bartolomeu de Gusmao)	SBCA	Cascavel (Coronel Mendes Da Silva)		
SBAR	Aracaju (Santa Maria Intl)	SBCB	Cabo Frio	SBDB	Bonito
				SBDN	Presidente Prudente

**SOUTH AMERICA**  
**JEPPESEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SBDO	Dourados	SBGV	Governador Valadares (Cel. Altino Machado)	SBKP	Campinas (Viracopos Intl)
SBEG	Manaus (Eduardo Gomes Intl)			SBLE	Lencois (Horacio de Mattos)
SBEK	Jacareacanga	SBGW	Guaratingueta		
SBES	Sao Pedro Da Aldeia	SBHT	Altamira	SBLJ	Lages
		SBIC	Itacoatiara	SBLO	Londrina (Governador Jose Richa)
SBFE	Feira de Santana (Joao Durval Carneiro)	SBIH	Itaituba	SBLP	Bom Jesus Da Lapa
		SBIL	Ilheus (Bahia-Jorge Amado)	SBLS	Lagoa Santa
SBFI	Foz Do Iguacu (Cataratas Intl)	SBIP	Ipatinga (Usiminas)	SBMA	Maraba (Joao Correa Da Rocha)
SBFL	Florianopolis (Hercilio Luz Intl)	SBIT	Itumbiara (Hidreletrica)	SBMD	Almeirim (Monte Dourado)
SBFN	Fernando De Noronha	SBIZ	Imperatriz (Prefeito Renato Moreira)	SBME	Macao
SBFS	Campos Dos Goytacazes (Farol de Sao Tome)	SBJA	Jaguaruna (Regl Sul)	SBMG	Maringa (Silvio Name Junior)
		SBJC	Belem (Brigadeiro Protasio de Oliveira)	SBMI	Marica
SBFZ	Fortaleza (Pinto Martins Intl)	SBJD	Jundiai (CMTE Rolim Adolfo Amaro)	SBMK	Montes Claros (Mario Ribeiro)
SBGL	Rio De Janeiro (Galeao-Antonio Carlos Jobim Intl)	SBJE	Cruz (Comandante Ariston Pessoa)	SBML	Marilia
		SBJF	Juiz De Fora (Francisco De Assis)	SBMN	Manaus (Ponta Pelada)
SBGM	Guajara Mirim			SBMO	Maceio (Zumbi Dos Palmares)
SBGO	Goiania (Santa Genoveva Intl)	SBJI	Ji-Parana	SBMQ	Macapa (Alberto Alcolumbre Intl)
SBGP	Gaviao Peixoto (Embraer - Unidade Gaviao Peixoto)	SBJP	Joao Pessoa (PRES Castro Pinto Intl)	SBMR	Manoel Ribas
		SBJR	Rio De Janeiro (Jacarepagua - Roberto Marinho)	SBMS	Mossoro (Dix Sept Rosado)
SBGR	Sao Paulo (Guarulhos-Gov Andre Franco Montoro Intl)			SBMT	Sao Paulo (Campo de Marte)
		SBJU	Juazeiro Do Norte (Orlando Bezerra De Menezes)	SBMY	Manicore
SBGU	Guarapuava (Tancredo Thomas de Faria)			SBNF	Navegantes (Ministro Victor Konder Intl)
		SBKG	Campina Grande (Presidente Joao Suassuna)		

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SBNM	Santo Angelo (Sepe Tiaraju)	SBRB	Rio Branco (Placido de Castro)	SBSV	Salvador (Dep. L. E. Magalhaes Intl)
SBNT	Natal (Augusto Severo)	SBRD	Rondonopolis	SBTA	Taubate (Base de Aviacao de Taubate)
SBNV	Goiania (National Aviation Aerodrome)	SBRF	Recife (Guararapes-Gilberto Freyre Intl)	SBTB	Oriximina (Trombetas)
SBOI	Oiapoque	SBRJ	Rio De Janeiro (Santos Dumont)	SBTC	Una (Hotel Transamerica)
SBPA	Porto Alegre (Salgado Filho Intl)	SBRP	Ribeirao Preto (Leite Lopes)	SBTD	Toledo (Luiz Dalcanale Filho)
SBPB	Parnaiba (Prefeito Dr. Joao Silva Filho, Intl)	SBSC	Rio De Janeiro (Santa Cruz)	SBTE	Teresina (Senador Petronio Portella)
SBPC	Pocos De Caldas	SBSG	Sao Goncalo Do Amarante (Gov Aluizio Alves Intl)	SBTF	Tefe
SBPF	Passo Fundo (Lauro Kurtz)	SBSI	Sinop (Presidente Joao Batista Figueiredo)	SBTG	Tres Lagoas
SBPG	Ponta Grossa (Comandante Antonio Amilton Beraldo)	SBSJ	Sao Jose Dos Campos (Prof Urbano Ernesto Stumpf, INTL)	SBTK	Tarauaca
SBPJ	Palmas (Brigadeiro Lysias Rodrigues)	SBSL	Sao Luis (Marechal Cunha Machado Intl)	SBTL	Telemaco Borba
SBPK	Pelotas (Pelotas Intl)	SBSM	Santa Maria	SBTR	Torres
SBPL	Petrolina (Sen Nilo Coelho)	SBSN	Santarem (Maestro Wilson Fonseca Intl)	SBTS	Obidos (Tirios)
SBPN	Porto Nacional	SBSO	Sorriso (Regional de Sorriso Adolino Bedin)	SBTT	Tabatinga (Tabatinga Intl)
SBPO	Pato Branco	S BSP	Sao Paulo (Congonhas)	SBTU	Tucuruí
SBPP	Ponta Pora (Ponta Pora Intl)	SBSR	Sao Jose Do Rio Preto (Professor Eriberto Manoel Reino)	SBTV	Terravista (Porto Seguro)
SBPR	Belo Horizonte (Carlos Prates)	SBSST	Guaruja (Base Aerea De Santos)	SBUA	Sao Gabriel Da Cachoeira
SBPS	Porto Seguro			SBUF	Paulo Afonso
SBPV	Porto Velho (Governador Jorge Teixeira de Oliveira Intl)			SBUG	Uruguaiana (Rubem Berta)
SBQV	Vitoria Da Conquista			SBUL	Uberlandia (Ten Cel Av Cesar Bombonato)
				SBUR	Uberaba (Mario De Almeida Franco)
				SBUY	Coari (Urucu)

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SBVG	Varginha (Maj Bridgeiro Trompowsky)	SCBQ	Santiago (El Bosque)	SCFN	Russfin
SBVH	Vilhena	SCCB	Combarbala (Pedro Villarroel)	SCFT	Futaleufu
SBVT	Vitoria (Eurico De Aguiar Salles)	SCCC	Chile Chico	SCGD	Torres Del Paine (Cerro Guido)
SBYS	Pirassununga (Campo Fontenelle)	SCCF	Calama (El Loa)	SCGE	Los Angeles (Maria Dolores)
SBZM	Goiana (PRES Itamar Franco)	SCCH	Chillan (Gen. Bernardo O'Higgins)	SCGZ	Puerto Williams (Guardiamarina Zañartu)
<b>SC</b>	<b>FIR/UIR</b>	SCCI	Punta Arenas (Carlos Ibanez Del Campo Intl)	SCHA	Copiapó (Chamón)
SCCZ	Punta Arenas FIR/UIR	SCCL	Caldera	SCHR	Cochrane
SCEZ	Santiago FIR/UIR	SCCM	Choshuenco (Molco)	SCHT	Tic Toc (Chaiten)
SCFZ	Antofagasta FIR/UIR	SCCT	Constitucion (Quivolgo)	SCIC	Curico (GEN Freire)
SCTZ	Puerto Montt FIR/UIR	SCCV	Curacavi	SCIE	Concepcion (Carriel Sur Intl)
<b>SC</b>	<b>Chile</b>	SCCY	Coyhaique (Teniente Vidal)	SCIM	Isla Mocha
SCAC	Ancud (Pupelde)	SCDA	Iquique (Diego Aracena Intl)	SCJO	Osorno (Canal Bajo/ Carlos H Siebert)
SCAN	Los Andes (San Rafael)	SCKP	Isla Dawson (Almirante Schroeders)	SCLC	Pica (Coposa)
SCAO	Lolol (Fundo Palo Alto)	SCLD	Santiago (Arturo Merino Benitez Intl)	SCLF	Santiago (Municipal De Vitacura)
SCAP	Alto Palena	SCLG	Pirque (El Principal)	SCLH	Llanada Grande
SCAR	Arica (Chacalluta Intl)	SCLL	Quintero	SCLF	Llifen (Calcurrupe)
SCAS	Puerto Aysen (Cabo Juan Roman)	SCLV	El Salvador (Ricardo Garcia Posada)	SCLI	Llico (Torca)
SCAT	Caldera (Desierto De Atacama)	SCMK	Antofagasta (Andres Sabella)	SCLL	Vallenar
SCBA	Balmaceda	SCMZ	Casablanca (Fundo Loma Larga)	SCLV	Los Vilos (La Vina)
SCBE	Tocopilla (Barriles)	SCNT	Porvenir (Capitan Fuentes Martinez)	SCMK	Melinka
		SCOH		SCMZ	El Manzano (Marina De Rapel)
		SCON		SCNT	Natales (Teniente Julio Gallardo)
				SCOH	Villa O'Higgins
				SCON	Chiloe (Quellon)



**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SCOT	Ovalle (Santa Rosa de Tabali)	SCSD	San Fernando	SCVK	Vichuquen (El Alamo)
SCOV	Ovalle (El Tuqui)	SCSE	La Serena (La Florida)	SCVL	Valdivia (Las Marias)
SCPC	Pucon	SCSF	San Felipe (Victor Lafon)	SCVM	Vina Del Mar
SCPE	San Pedro De Atacama	SCSG	Algarrobo (San Gerónimo)	SCVN	Vicuna (Huancara)
SCPF	Puerto Montt (Marcel Marchant)	SCSJ	San Javier	SCVQ	Vichuquen (Cuatro Pantanos)
SCPG	Panguipulli	SCSL	Salar De Atacama (El Salar)	<b>SD</b>	<b>Brazil</b>
SCPH	Puyuhuapi	SCSN	Santo Domingo	SDAA	Araras
SCPQ	Dalcabue (Mocopulli)	SCSO	Lago Rapel (Costa del Sol)	SDAD	Adamantina (Everaldo Moraes Barreto)
SCPV	Puerto Varas (El Mirador)	SCSS	San Sebastian	SDAG	Angra Dos Reis
SCQI	Icalma (Lonquimay)	SCST	Castro (Gamboa Apt)	SDAI	Americana
SCQL	Quillota (El Boco)	SCSV	Peralillo (Vina Sutil)	SDAM	Campinas (Amarais)
SCQP	Freire (La Araucania)	SCTB	Santiago (Eulogio Sanchez)	SDBA	Batatais
SCQT	Quebrada Las Tacas (Las Tacas)	SCTC	Padre Las Casas (Maquehue)	SDBB	Bebedouro
SCQY	Lonquimay (Villa Portales)	SCTE	Puerto Montt (El Tepual Intl)	SDBK	Botucatu
SCRA	Chanaral	SCTL	Talca (Panguilemo)	SDBY	Bariri
SCRC	Rio Cisnes (Villa Taper)	SCTN	Chaiten (Nuevo Chaiten)	SDCA	Capao Bonito
SCRD	Vina Del Mar (Rodelillo)	SCTO	Victoria	SDCD	Catanduva
SCRF	Laguna San Rafael	SCTS	Melip Illa (Santa Teresa del Almendral)	SDCG	Sao Paulo De Olivenca (Senadora Eunice Michiles)
SCRG	Rancagua (De La Independencia)			SDCO	Sorocaba
SCRL	Rapel (La Estrella)	SCTT	Taltal (Las Breas)	Sddb	Bom Jesus Da Lapa (Ninho do Bacarau)
SCRp	Rapel (Rapelhuapi)	SCVD	Valdivia (Pichoy)	SDDN	Andradina
SCSB	Cerro Sombrero (Franco Bianco)	SCVH	Santiago (La Victoria de Chacabuco)	SDDR	Dracena
		SCVI	Villarrica	SDED	Ipeuna (Edra Aeronautica)
				SDEN	Porto Belo (Costa Esmeralda)

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**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SDEP	Presidente Epitacio	SDLL	Leme	SDRO	Cascavel (Darinha)
SDET	Tiete	SDLP	Lencois Paulista (Mun Jose Boso)	SDRR	Avare (Avare-Ara- ndu)
SDFD	Fernandopolis (Cor- onel Aviador Carlos Orleans Guimaraes)	SDLX	Sao Felix Do Ara- guaia (Faz Jacareu- na)	SDRS	Resende
SDFX	Casa Nova	SDLY	Matao	SDSC	Sao Carlos (Mario Pereira Lopes)
SDGC	Garca	SDMH	Mirassol (Mirassol Apt)	SDTB	Atibaia
SDIG	Ibitinga	SDMJ	Mogi Mirim	SDTF	Tatui
SDIH	Biritiba Mirim (Faz. Irohy)	SDMO	Monte Alto	SDTK	Parati
SDIM	Itanhaem	SDMP	Itatinga (Fazenda Dimep)	SDTP	Tupa (Jose Vicente Faria Lima)
SDIO	Itapolis (Aeroclube de Itapolis)	SDMV	Jau (Fazenda Morro Vermelho)	SDUB	Ubatuba
SDIV	Ituverava	SDMY	Matao (Fazenda de Cambuhy)	SDUE	Balsa Nova (Fazen- da Thalia)
SDIX	Ninheira (Mgx Flor- estal)	SDNH	Novo Horizonte	SDUN	Itaperuna
SDJA	Itirapina (Dr. Jose Augusto de Arruda Botelho)	SDNO	Sao Manuel (Nelson Garofalo)	SDUQ	Paraguacu Paulista
SDJC	Jaboticabal	SDOI	Boitua (Centro Na- cional de Para-que- dismo)	SDVE	Vera Cruz
SDJO	Sao Joaquim Da Barra	SDOU	Ourinhos	SDVG	Votuporanga
SDJV	Sao Joao Da Boa Vista (Mun Sao Joao Da Boa Vista)	SDOV	Mozarlandia	SDVH	Braganca Paulista (Faz. Vale Eldora- do)
SDKF	Curaca (Juazeiro)	SDOW	Ourlandia do Norte	SDVT	Taquarussu (Fazen- da Campo Verde)
SDKJ	Formosa do Rio Preto	SDPN	Penapolis	SDVZ	Pareilhas (Kareli)
SDKK	Mococa	SDPV	Presidente Vence- slau	SDWO	Amajari (Sauba)
SDKP	Nova Andradina (Faz Pirangi)	SDPW	Piracicaba	SDXF	Alto Paraíso
SDLC	Lucelia	SDQQ	Quata (Companhia Agricola Quata)	SDYJ	Regente Feijo (Jose Martins da Silva)
SDLE	Rio de Contas	SDRC	Rancharia (Fazenda Santana)	SDZS	Urucui (Serra Bran- ca Agricola)
SDLI	Abare	SDRK	Rio Claro	<b>SE</b>	<b>FIR/UIR</b>
				SEFG	Guayaquil FIR/UIR

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

<b>SE</b>	<b>Ecuador</b>	<b>SESA</b>	Salinas (Gen Ulpiano Paez)	<b>SGIB</b>	Hernandarias (Itaipu)
SEAM	Ambato (Chachoan)	<b>SESC</b>	Sucua	<b>SGLP</b>	Loma Plata
SEBZ	Cumbaratza	<b>SESD</b>	Santo Domingo	<b>SGME</b>	Mariscal Estigarribia (Prof Dr Pac Luis Maria Argana Intl)
SECA	Catamayo (Ciudad de Catamayo)	<b>SESM</b>	Shell (Rio Amazonas)	<b>SGMZ</b>	Itapua (Jose Maria Argana)
SECO	Coca (Francisco De Orellana)	<b>SEST</b>	San Cristobal	<b>SGNB</b>	Villa Hayes (Sargento De Aviacion Nicolo Bo)
SECU	Cuenca (Mariscal Lamar)	<b>SESV</b>	San Vicente (Los Perales)	<b>SGOL</b>	Fuerte Olimpo (1ro Incencio Heredia)
SEGS	Baltra I Galapagos Is (Seymour)	<b>SETH</b>	Taisha	<b>SGOV</b>	Coroneloviedo (Cap. Pam Walter Gwynn)
SEGU	Guayaquil (Jose Joaquin de Olmedo Intl)	<b>SETI</b>	Tiputini	<b>SGPJ</b>	Pedro Juan Caballero (Augusto Roberto Fuster Intl)
SEJZ	Gualaquiza (Mario Madero Jaramillo)	<b>SETR</b>	Tarapoa	<b>SGST</b>	Santa Teresa
SEIL	Isla Isabela	<b>SETU</b>	Tulcan (Tornel Luis A Mantilla)		
SEJD	Ahuano (Jumandy)	<b>SF</b>	<b>Falkland Is</b>		
SELT	Latacunga (Cotopaxi Intl Alternative)	<b>SFAL</b>	Falkland Island (Stanley)		
SEMA	Macara (Jose Maria Velasco Ibarra)	<b>SG</b>	<b>FIR/UIR</b>	<b>SH</b>	<b>Chile</b>
SEMC	Macas (Cnrl. E. Carvajal)	<b>SGFA</b>	Asuncion FIR/UIR	<b>SHHV</b>	ARICA (Naval heliport)
SEMO	Montalvo (El Carmen)	<b>SG</b>	<b>Paraguay</b>	<b>SI</b>	<b>Brazil</b>
SEMT	Manta (Eloy Alfaro Intl)	<b>SGAS</b>	Asuncion (Silvio Pettirossi Intl)	<b>SIAQ</b>	Cuiaba (Bom Futuro)
SENL	Nueva Loja (Lago Agrio)	<b>SGBV</b>	Bella Vista Norte (Icanimby)	<b>SICK</b>	Capelinha
SEQM	Quito (Mariscal Sucre Intl)	<b>SGCO</b>	Concepcion (Ten. Crl. P.A.M. Carmelo Peralta Intl)	<b>SICU</b>	Paracatu (Ouro Branco)
SERB	Riobamba (Chimborazo)	<b>SGEN</b>	Encarnacion (Ten. Amin Ayub G Intl)	<b>SIEX</b>	Santa Vitoria (Fazenda Sao Joaquim)
SERO	Santa Rosa (Santa Rosa Regl)	<b>SGES</b>	Minga Guazu (Guarani Intl)	<b>SIFV</b>	Aracruz (Primo Bitti)
		<b>SGFI</b>	Filadelfia (Fernhein)	<b>SIGA</b>	Paracatu (Fazenda Granja Santiago)

**SOUTH AMERICA**  
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SIKW	Mucuri (Fazenda Vista Linda)	SJAR	Nova Crixas (Fazenda Aracatuba)	SJRG	Rio Grande (Rio Grande Regl)
SILC	Lucas Do Rio Verde (Mun Bom Futuro)	SJAU	Araguacema	SJRK	Santana Do Araguaia (Agropecuaria Sao Roberto)
SILL	Aguas de Santa Barbara (Fazenda Tabaroa)	SJBB	Caseara (Fazenda Bacaba)		
		SJCA	Mococa (Comandante Vittorino Bonomi)	SJUL	Iaras (Fazenda Rio Pardo)
SIMF	Sebastiao Leal (Fazenda Imperial)			SJVO	Aragarcas
		SJCM	Aquiraz (Catuleve)	SJWQ	Birigui (Aeroclube de Birigui)
SIMK	Franca (Tenente Lund Pressoto)	SJDS	Eusebio (Dias Branco)		
				SJXJ	Nova Alvorada Do Sul (Alimentos Dalias)
SIMW	Jaraguari (Fazenda Retiro do Cervo I)	SJEH	Ribeirao Bonito (Clemente Verillo)		
SINH	Novo Horizonte Do Sul (Fazenda Esperanca)	SJFP	Corumba (Fazenda Pensamento)	SJZA	Cajazeiras (Pedro Vieira Moreira)
		SJFQ	Botucatu (Fazenda Quatrimas)	<b>SK</b>	<b>FIR/UIR</b>
SIPJ	Tupancireta (Aero Parque Tupa)			SKEC	Barranquilla FIR/UIR
SIQE	Brasilia (Botelho)	SJGU	Araguatins		
		SJHH	Serranopolis (Fazenda Poruina)	SKED	Bogota FIR/UIR
SIQJ	Chapada Dos Guimaraes (Morro do Chapau II)			<b>SK</b>	<b>Colombia</b>
		SJIE	Vila Velha (Residencia Oficial)	SKAD	Acandi
SIQK	Nova Odessa				
SIVE	Itapetininga (Faz. Royal)	SJIZ	Eunapolis (Fazenda Cafenapolis)	SKAG	Aguachica (Hacaritama)
		SJJD	Porto Murinho (Fazenda Cerro Pora)	SKAP	Apiay (Captain Luis F. Gomez Nino)
SIVQ	Quadra (Clube de Voo Aeroquadra)				
		SJJV	Campo Grande (Fazenda Primavera)	SKAR	Armenia (El Eden)
SIVU	Vila Velha (Joao Monteiro)			SKAS	Puerto Asis (3 De Mayo)
SIVY	Sao Felix Do Araguaia (Faz Vale do Boi II)	SJNE	Caracarai (Wapum)		
		SJNX	Chapadao Do Ceu (Cosmos Aviacao Agricola)	SKBC	El Banco (El Banco Apt.)
SIXE	Eldorado Do Sul (Aeroclube de Eldorado do Sul)			SKBG	Bucaramanga (Palonegro)
		SJOY	Palmeira (Jorge Luiz Stocco)		
SIZQ	Botucatu (Faz. Real)	SJPR	Balsa Nova (Asas de Balsa Nova)	SKBO	Bogota (El Dorado Intl)

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SKBQ	Barranquilla (Ernesto Cortissoz)	SKGZ	Garzon (La Jagua)	SKMZ	Manizales (La Nubia)
SKBS	Bahia Solano (Jose Celestino Mutis)	SKHA	Chaparral (Gen Navas Pardo)	SKNA	La Macarena (El Refugio)
SKBU	Buenaventura (Gerardo Tobar Lopez)	SKHC	Hato Corozal	SKNC	Necocli
SKCB	Carmen De Bolivar	SKIB	Ibague (Perales)	SKNQ	Nuqui (Reyes Murillo)
SKCC	Cucuta (Camilo Daza Intl)	SKIG	Chigorodo	SKNV	Neiva (Benito Salas)
SKCD	Condoto (Mandinga)	SKIP	Ipiales (San Luis)	SKOC	Ocana (Aguas Claras)
SKCG	Cartagena (Rafael Nunez)	SKLA	Malaga	SKOE	Orocue
SKCL	Cali (Alfonso Bonilla Aragon Intl)	SKLC	Carepa (Antonio Roldan Betancourt)	SKOT	Remedios (Otu)
SKCM	Cimitarra	SKLG	Puerto Leguizamo (Caucaya)	SKPA	Paipa (Juan Jose Rondon)
SKCN	Cravo Norte	SKLM	Maicao (Jorge Isaac)	SKPB	Portete (Puerto Bolivar)
SKCR	Caruru	SKLT	Leticia (Alfredo Vasquez Cobo)	SKPC	Puerto Carreno (German Olano)
SKCU	Caucasia	SKMA	Madrid (Madrid Air Base)	SKPD	Puerto Inirida (Cesar Gaviria Trujillo)
SKCV	Covenas	SKMD	Medellin (Olaya Herrera)	SKPE	Pereira (Matecana)
SKCZ	Corozal (Las Brujas)	SKMF	Miraflores	SKPI	Pitalito (Contador)
SKEB	El Bagre (El Tomin)	SKMG	Magangue (Baracoa)	SKPP	Popayan (Guillermo Leon Valencia)
SK EJ	Barrancabermeja (Yariguies)	SKMJ	Maicao (San Jose De Maicao)	SKPQ	Palanquero (Capt German Olano)
SKFL	Florencia (Gustavo A Paredes)	SKML	Montelibano (El Pindo)	SKPR	Puerto Berrio (Morela)
SKFR	Quipama (Furatena)	SKMN	Mani	SKPS	Pasto (Antonio Nariño)
SKGI	Girardot (Santiago Vila)	SKMO	Puerto Gaitan (Morelia)	SKPV	Isla Providencia (El Embrujo)
SKGO	Cartago (Santa Ana)	SKMP	Mompós (San Bernardo)	SKPZ	Paz De Ariporo
SKGP	Guapi (Juan Casiano)	SKMR	Monteria (Los Garzones)	SKQU	Mariquita (Jose Celestino Mutis)
SKGY	Guaymaral (Flaminio Suarez Camacho)	SKMU	Mitu (Leon Bentley)		

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SKRG	Rionegro (Jose Maria Cordova)	<b>SL</b>	<b>FIR/UIR</b>	SLOR	Oruro (Juan Mendoza)
		SLLF	La Paz FIR/UIR		
SKRH	Riohacha (Almirante Padilla)	<b>SL</b>	<b>Bolivia</b>	SLPO	Potosi (CAPT. Nicolas Rojas)
SKSA	Saravena (Colonizadores)	SLAG	Monteagudo (Apiaguai Tumpa)	SLPS	Puerto Suarez (Tte. Av. Salvador Ogaya G. Intl)
SKSF	Sta Fe De Antioquia	SLAL	Alcantari		
SKSJ	San Jose Del Guaviare (Jorge E Gonzalez)	SLAP	Apolo	SLRA	San Ramon
		SLAS	Ascencion De Guarayos	SLRB	Robore
SKSO	Sogamoso (Alberto Lleras Camargo)	SLBJ	Bermejo	SLRI	Riberalta (Cap De Av Selin Zeitun Lopez)
SKSV	San Vicente Del Caguan (Eduardo Falla Solano)	SLCA	Camiri	SLRQ	Rurrenabaque
		SLCB	Cochabamba (Jorge Wilstermann Intl)	SLRY	Reyes
SKTB	Tibu	SLCC	Copacabana	SLSA	Santa Ana del Yacuma
SKTD	Trinidad	SLCH	Santa Cruz (Carol Marghata)	SLSB	San Borja (Cap German Quiroga G)
SKTL	Tolu (Golfo de Morrosquillo)	SLCN	Charana	SLSI	San Ignacio De Velasco (Cap. Av. Juan Cochamanidis San Ignacio De Velasco)
SKTM	Tame (Gustavo Vargas)	SLCO	Cobija (Cap Av Civ Anibal Arab Fadul)		
SKTU	Turbo (Gonzalo Mejia)	SLCP	Concepcion	SLSM	San Ignacio De Moxos
SKUC	Arauca (Santiago Perez)	SLET	Santa Cruz (El Trompillo)	SLSR	Santa Rosa del Yacuma
		SLGM	Guayaramerin (Guayaramerin Intl)		
SKUI	Quibdo (El Carano)			SLTI	San Matias
SKUL	Tulua (Farfan)	SLHI	Cochabamba (Chimore)	SLTJ	Tarija (Capt Oriol Lea Plaza Intl)
SKUR	Urrao	SLJE	San Jose De Chiquitos		
SKVG	Villa Garzon (Cangachal)			SLTR	Trinidad (Jorge Henrich Intl)
SKVP	Valledupar (Alfonso Lopez Pumarejo)	SLJO	San Joaquin		
		SLJV	San Javier	SLUY	Uyuni (La Joya Andina)
SKVV	Villavicencio (Vanguardia)	SLLJ	Laja		
		SLLP	La Paz (El Alto Intl)	SLVG	Vallegrande (Cap. Av. Vidal Villagomez)
SKYP	El Yopal	SLMG	Magdalena		

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SLVM	Villamontes (Rafael Pabon)	SNAX	Assis (Marcelo Pires Halzhausen)	SNDY	Dores Do Indaia
SLVR	Santa Cruz (Viru Viru Intl)	SNBA	Barretos (Chafei Amsei)	SNEB	Paragominas
SLYA	Yacuiba	SNBC	Barra Do Corda	SNEE	Vacaria (Vacaria Novo)
<b>SM</b>	<b>FIR/UIR</b>	SNBG	Baixo Guandu	SNEP	Colombo III (Santa Albertina)
		SNBM	Muriae (Cristiano Ferreira Varella)	SNEU	Euclides Da Cunha
SMPM	Paramaribo FIR/UIR	SNBR	Barreiras	SNFE	Alfenas
<b>SM</b>	<b>Suriname</b>	SNBS	Balsas	SNFU	Frutal
		SNBX	Barra	SNFX	Sao Felix Do Xingu
SMCI	Coeroenie	SNBZ	Paramirim	SNGA	Guarapari
SMJP	Zandery (J.A. Pengel Intl)	SNCA	Campo Belo	SNGD	Guadalupe
SMPA	Paloemeu (Vincent Faiks)	SNCE	Campo Do Meio	SNGG	Bom Jesus Do Gurgueia (Gurgueia)
SMSI	Sipaliwini	SNCC	Euclides Da Cunha (Cocorobo)	SNGI	Guanambi
SMTB	Tafelberg (Rudy Kappel)	SNCS	Campos Sales	SNGN	Garanhuns
SMZO	Paramaribo (Zorg En Hoop)	SNCT	Caratinga (Ubaporanga)	SNGT	Gentio De Ouro
<b>SM</b>	<b>Uruguay</b>	SNCV	Campina Verde	SNGV	Querencia (Faz. Tanguru)
		SNCX	Colatina	SNGW	Barra Do Choca (Faz. Santo Angelo)
SMDB	Soriano (Santa Maria Del Bequelo)	SNCZ	Ponte Nova	SNGX	Guaxupe
<b>SN</b>	<b>Brazil</b>	SNDB	Ruropolis	SNHS	Serra Talhada (Santa Magalhaes)
		SNDC	Redencao	SNIC	Irece
SNAE	Arcoverde	SNDG	Borba (Aldeia)	SNIE	Caetite
SNAG	Araguari	SNDR	Timon (Domingos Rego)	SNIG	Iguatu
SNAL	Arapiraca	SNDT	Diamantina (Juscelino Kubitschek)	SNIN	Pantano Grande (Nova Era)
SNAM	Santo Antonio Do Amparo	SNDV	Divinopolis (Brigadeiro Antonio Cabral)	SNIO	Cipo
SNAP	Janauba	SNBW	Encruzilhada (Divisa)	SNIP	Itapetinga
SNAR	Almenara (Cirilo Queiroz)			SNIT	Ibotirama
SNAS	Tres Marias			SNIU	Ipiaú

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SNJK	Jequie	SNMR	Marau	SNSG	Salgueiro
SNJL	Luis Eduardo Magalhaes (J Lem)	SNMU	Mucuri	SNSO	Serro
SNJM	Manhuacu (Elias Breder)	SNMX	Sao Mateus	SNSS	Salinas
SNJN	Januaria	SNMZ	Porto De Moz	SNST	Souto Soares
SNJO	Joao Pessoa (Aeroclube)	SNNP	Sao Felix Do Xingu (Nilo Pecanha)	SNSW	Soure
SNJP	Joao Pinheiro	SNNU	Nanuque	SNTF	Teixeira de Freitas
SNJQ	Jequitinhonha	SNOA	BALSAS (Faz. Irajá)	SNTI	Obidos
SNJR	Sao Joao Del Rei (Prefeito Octavio de Almeida Neves)	SNOB	Sobral	SNTQ	Teofilo Otoni (Juscelino Kubitschek)
SNJW	Sacramento (Jaguará)	SNOG	Morro Do Chapeu	SNTR	Buritirama
SNKC	Cocos	SNOF	Ouro Fino	SNTS	Piritiba
SNKD	Conceicao Do Mato Dentro	SNOS	Passos (Municipal Jose Figueiredo)	SNTV	Patos
SNKF	Das Bandeirinhas (Conselheiro Lafaiete)	SNOX	Oriximina		Luis Eduardo Magalhaes (Faz Timbau-ba)
SNKH	Creputia (Jacareacanga)	SNPA	Para De Minas	SNUB	Uba
SNKI	Cachoeiro Do Itaipemirim	SNPC	Picos	SNUC	Acu
SNKN	Currais Novos	SNPD	Patos De Minas	SNUH	Piumhi
SNLG	Jaboticatubas (Serra do Cipo)	SNPI	Piata	SNUI	Aracuai
SNLI	Abaete	SNPJ	Patrocinio	SNUT	Utinga
SNLN	Linhares	SNPO	Pompeu	SNVB	Valenca
SNLO	Sao Lourenco	SNPU	Paraguacu	SNVD	Santa Maria Da Victoria
SNMA	Monte Alegre	SNPX	Pirapora	SNVG	Teresina (Sinhozinho Macedo)
SNMC	Macaubas	SNPY	Sao Sebastiao Do Paraíso	SNVS	Breves
SNMJ	Maracas	SNPZ	Pedra Azul	SNWC	Camocim
		SNQD	Sousa	SNWE	Santa Rita (Clube Estancia Ouro Verde)
		SNQG	Floriano (Cangapara)		
		SNQV	Curvelo		
		SNRP	Rio Paranaíba	SNWS	Crateus
		SNRU	Caruaru	SNWX	Campo Grande (Faz Espirito Santo)
		SNRX	Riachão		



**SOUTH AMERICA**  
**JEPPESEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SNXB	Caxambu	SPAS	Andoas	SPIR	Patria
SNXQ	Xique-Xique	SPAY	Atalaya	SPIY	Yauri, Peru (Yauri)
SNYA	Almeirim	SPBC	Caballococha	SPJA	Rioja
SNYB	Ituiutaba	SPBL	Bolognesi	SPJC	Lima-Callao (Jorge Chavez Intl)
SNYE	Pinheiro	SPBT	Oventeni	SPJE	Jaen (Shumba)
SNYT	Ituacu	SPCH	Tocache	SPJI	Juanjui
SNZA	Pouso Alegre	SPCL	Pucallpa (Cap FAP David Armando Abensur Rengifo Intl)	SPJJ	Jauja (Francisco Carle)
SNZK	Itacarambi (Faz. Canada)			SPJL	Juliaca (Inca Manco Capac Intl)
SNZR	Paracatu (Pedro Rabelo de Souza)	SPDN	Colonia Angamos	SPJN	San Juan De Marcona
		SPDR	Trompeteros	SPJR	Cajamarca (Gen Armando Revoredo Iglesias)
<b>SO</b>	<b>FIR/UIR</b>	SPEE	GALILEA (EL ESTRECHO)	SPKI	Kiteni
SOOO	Cayenne FIR/UIR	SPEN	Iscozasin	SPLH	Dunas (Las Dunas)
<b>SO</b>	<b>French Guiana</b>	SPEO	Chimbote (Tte Fap Jaime De Montreuil)	SPLN	Rodriguez De Mendoza (San Nicolas)
SOCA	Cayenne (Cayenne Felix Eboue)	SPEP	Puerto Esperanza	SPLO	Ilo
SOGS	Grand Santi	SPEQ	Moquegua	SPLP	Lima (Las Palmas)
SOOA	Maripasoula	SPGB	Galilea	SPLX	Lima (Lib Mandy Metropolitano)
SOOG	St Georges De L'Oyapock	SPGM	Tingo Maria	SPME	Tumbes (Pedro Canga)
SOOM	St-Laurent-Du-Maroni	SPGP	Gueppi	SPMF	Mazamari (Major PNP Nancy Flores Paucar)
SOOS	Saul	SPHI	Chiclayo (Capt FAP J A Quinones Gonzalez INTL)	SPMS	Yurimaguas (Moises Benzaquen Rengifo)
<b>SP</b>	<b>FIR/UIR</b>	SPHO	Ayacucho (Col Alfredo Mendivil Duarte)	SPNC	Huanuco (Alferez David Figueroa Fernandini)
SPIM	Lima FIR/UIR	SPHY	Andahuaylas	SPNM	Nuevo Mundo
<b>SP</b>	<b>Peru</b>	SPHZ	Anta Huaraz (Comandante German Arias Grazziani)		
SPAC	Ciro Alegria	SPID	Teniente Bergerie		
SPAL	Piura (Metropolitano De Piura)	SPIL	Quincemil		
SPAR	Alerta	SPIN	Inapari		

**SOUTH AMERICA**  
**JEPPESEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SPNU	Manu	SPTU	Puerto Maldonado (Padre Aldamiz)	SSBN	Porto Alegre (Belem Novo)
SPON	Orellana	SPUC	Huamachuco	SSBQ	Santa Cruz do Xin- gu (Faz. Brusque)
SPOR	Orcopampa (Minas Buenaventura)	SPUR	Piura (Capt Guiller- mo Concha Iberico)	SSBR	Bandeirantes
SPOV	Leon Velarde (Shir- ingayoc O Hda Me- jia)	SPVI	Vicco	SSBY	Miranda (Orlando Chesini Ometto)
SPOY	Atico	SPVN	Vilcashuaman	SSCA	Chapadao do Sul (Faz. Campo Bom)
SPPB	Puerto Breu (Tipish- sa)	SPWT	Las Malvinas	SSCD	Chapadao do Sul
SPPH	Pampa Hermosa	SPYL	Talara (Capitan Montes Intl)	SSCF	Campo Largo (Max Fontoura)
SPPN	Palmas Del Espino	SPYO	Pacasmayo	SSCI	Coxim
SPPY	Chachapoyas	SPZA	Nazca (Maria Reiche Neuman)	SSCK	Concordia (Olavo Cecco Rigon)
SPQN	Requena	SPZO	Cusco (Tnte FAP Alejandro Velazco Astete Intl)	SSCL	Cassilandia
SPQT	Iquitos (Col Francis- co Secada Vignetta Intl)	<b>SQ</b>	<b>Colombia</b>	SSCN	Canela
SPQU	Arequipa (Rodri- guez Ballon)	SQUJ	Tablon de Tamara	SSCP	Cornelio Procopio
SPRF	San Rafael	<b>SS</b>	<b>Brazil</b>	SSCQ	Cacequi (Saica)
SPRM	San Ramon (Capi- tan Alvarino)	SSAB	Ibaiti (Moises Lu- pion)	SSCR	Marechal Candido Rondon (Ruben Berta)
SPRU	Trujillo (Cap Carlos Martinez De Pinillos Intl)	SSAD	Chapadao Do Sul (Faz. Ribeirao)	SSCT	Cianorte (Engen- heiro Gastao de Mesquita Filho)
SPSE	Sepahua	SSAE	Arroio Grande	SSDK	Igaratinga (Sao Pe- dro)
SPSO	Pisco	SSAN	Andira	SSDP	Vila Bela Da SS (Faz. Fortaleza do Guapore)
SPST	Tarapoto (CAP FAP Guillermo del Castil- lo)	SSAP	Apucarana	SSEP	Sao Sepe
SPTE	Teresita (San Fran- cisco)	SSAQ	Passo Fundo (Aero- clube)	SSER	Erechim
SPTN	Tacna (Col Carlos Ciriani Santa Rosa)	SSAY	Campo Grande (Si- tio Pouso do Avia- dor)	SSEW	Pardinho (Sitio Li- moeiro)
		SSBL	Blumenau	SSFB	Francisco Beltrao

# SOUTH AMERICA JEPPESEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE

SSFE	Foz Do Iguacu (Estancia Hercules)	SSLG	Sao Luis Gonzaga	SSRE	Realeza
SSFK	Corumba (Forte Coimbra)	SSLK	Itapecerica (Fazenda Tres Lagoas)	SSRG	Registro (Aeroporto Estadual de Registro)
SSGA	Garibaldi	SSLN	Lontras (Helmuth Baungartem)	SSRK	Campo Alegre de Lourdes
SSGB	Guaratuba	SSLS	Ruy Barbosa	SSRS	Barreirinhas
SSGF	Ribas Do Rio Pardo (Faz. Formosa)	SSMJ	Maracaju	SSRU	Sao Lourenco Do Sul
SSGY	Guaira	SSMY	Sao Miguel Do Iguaçu	SSRW	Porangaba (Faz. J Campos)
SSHN	Iguaracu (Recanto Das Aguas)	SSNB	Navirai	SSRZ	Rosario Do Sul
SSIE	Campo Grande (Teruel Ipanema Estancia)	SSNG	Montenegro	SSSA	Bela Vista (Faz. Sant'Anna do Apa)
SSIJ	Ijuí	SSNH	Novo Hamburgo	SSSB	Sao Borja
SSIQ	Itaqui	SSNP	Nova Prata	SSSC	Santa Cruz Do Sul
SSIR	Ibiruba	SSNQ	Nioaque	SSSD	Soledade
SSJA	Joacaba (Santa Teresinha)	SSOE	Sao Miguel Do Oeste	SSSG	Sao Gabriel
SSJI	Jardim	SSOG	Arapongas	SSSS	Sao Francisco do Sul
SSJK	Julio De Castilos	SSPG	Paranagua	SSST	Santiago
SSJM	Chapadao Do Sul (Faz. Julio Martins)	SSPI	Paranavai	SSST	Santiago
SSJQ	Ribeirao Cascalheira (Faz Floresta)	SSPL	Palmeira Das Missoes	SSTB	Tres Barras
SSKG	Campo Grande (Santa Maria)	SSPM	Porto Murtinho	SSUM	Umuarama (Orlando de Carvalho)
SSKK	Capao Da Canoa	SSPN	Paranaiba	SSUV	Uniao Da Vitoria
SSKM	Campo Mourao	SSPR	Urucui (Fazenda Pratinha)	SSVC	Vitoria Da Conquista
SSKS	Cachoeira Do Sul	SSQC	Siqueira Campos	SSVI	Videira (Angelo Ponzoni)
SSKU	Curitibanos (Lauro Antonio da Costa)	SSQP	Monte Santo	SSVN	Veranopolis
SSKW	Cacoal	SSQR	Ribas Do Rio Pardo (Faz Primavera)	SSXD	Sarandi
SSKZ	Carazinho	SSQT	Castro	SSXX	Joao Winckler Mun (Xanxere)
		SSQZ	Mimoso do Oeste (Luis Eduardo Magalhaes)		

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SSXY	Urucui (Fazenda Rainha da Serra)	SUPE	Punta Del Este (El Jaguel Dptal)	SVBL	Maracay (El Libertador AB)
SSYB	Santa Clara D'Oeste (Fazenda Bela Manha)	SUPU	Paysandu (Tydeo Larre Borges Intl)	SVBM	Barquisimeto (Jacinto Lara Intl)
SSYK	Buri (Faz. Manda-caia)	SURB	Rio Branco	SVBQ	Boquemonte
SSZQ	Bela Vista (Faz. Panorama)	SURV	Rivera (Presidente General don Oscar D. Gestido Intl)	SVBS	Maracay (Mariscal Sucre AB)
SSZR	Santa Rosa	SUSO	Salto (Salto Nueva Hesperides Intl)	SVCB	Ciudad Bolivar (Gral. Tomas De Heres)
SSZT	Aguas De Santa Barbara (Faz. Sao Joao)	SUTB	Tacuarembó	SVCD	Caicara (Caicara Del Orinoco)
		SUTR	Treinta Y Tres	SVCJ	San Carlos (General Ezequiel Zamora)
		SUVO	Vichadero		
<b>SU</b>	<b>FIR/UIR</b>	<b>SV</b>	<b>FIR/UIR</b>	SVCL	Calabozo
SUEO	Montevideo FIR/UIR	SVZM	Maiquetia FIR/UIR	SVCN	Canaima
<b>SU</b>	<b>Uruguay</b>	<b>SV</b>	<b>Venezuela</b>	SVCO	Carora
SUAA	Montevideo (Angel S Adami Intl)	SVAC	Acarigua (Gen Oswaldo Guevara Mujica)	SVCP	Carupano (Gen Jose Francisco Bermudez)
SUAG	Artigas (Artigas Intl)			SVCR	Coro (Jose Leonardo Chirino)
SUCA	Colonia (Laguna de los Patos Intl)	SVAJ	Cacuri (Manapiare)	SVCS	Caracas (Oscar Machado Zuloaga Intl)
SUCM	Carmelo (Carmelo Intl)	SVAN	Anaco	SVCU	Cumana (Mariscal Antonio Jose De Sucre)
SUDU	Durazno (Santa Bernardina Intl)	SVAO	Altagracia de Orituco		
SULS	Maldonado (Capitan Curbelo Intl)	SVAS	Los Pijiguaos (Armando Schwarck)	SVDP	La Divina Pastora
SUME	Mercedes (Ricardo Detomasi Dptal)	SVBA	Bachaquero	SVDW	Ciudad Piar
SUMO	Melo (Cerro Largo Intl)	SVBC	Barcelona (Gen. Jose Antonio Anzoategui Intl)	SVEB	El Guayabo (Zulia)
		SVBI	Barinas (Barinas Luisa Caceres De Arismendi)	SVED	El Dorado
SUMU	Montevideo (Carasco Intl/Gen C L Berisso)			SVEN	El Capitan
		SVBK	Bocono	SVEZ	Elorza
				SVGC	El Socorro (El Can-delario)

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SVGD	Vara de Maria (Guasdalito)	SVMI	Maiquetia (Simon Bolívar Intl)	SVSA	San Antonio Del Ta- chira (Gral. Juan Vicente Gomez INTL)
SVGI	Guiria (Almirante Cristobal Colon)	SVMP	Ocumare del Tuy (Metropolitano)	SVSB	Santa Barbara De Barinas
SVGT	Guasipati	SVMT	Maturin (Gen. Jose Tadeo Monagas Intl.)	SVSE	Santa Elena De Uai- ren Ntl (Santa Ele- na)
SVGU	Guanare	SVMX	Morichal	SVSN	Barinas (Sabaneta)
SVHD	Hacienda El Calvar- io	SVNX	Mata de Cana	SVSO	Santo Domingo (Mayor Buenaven- tura Vivas Intl AB)
SVHG	Higuerote	SVOF	Santa Barbara De Monagas	SVSP	San Felipe (Sub Te- niente Nestor Arias)
SVIC	Icabarú	SVOK	Oritupano	SVSR	San Fernando De Apure (Las Fleche- ras)
SVIE	Isla De Coche (An- dres Miguel Salazar Marcano)	SVON	Cabimas (Oro Ne- gro)	SVST	San Tome (Don Ed- mundo Barrios)
SVJC	Paraguana (Josefa Camejo Intl)	SVPA	Puerto Ayacucho (Casique Aramare Natl)	SVSZ	Santa Barbara Del Zulia (Dr Miguel A. Urdaneta F.)
SVJM	San Juan De Los Morros (Guarico Mun)	SVPC	Puerto Cabello (Gen. Bartolome Salom)	SVTC	Tucupita
SVKA	Kavanayen	SVPE	Pedernales (Capure Delta Amacuro)	SVTK	La Trinidad De Ari- chuna
SVKG	La Gran China	SVPM	San Cristobal (Para- millo)	SVTM	Tumeremo
SVLB	La Bananera	SVPP	Luepa	SVTR	Temblador
SVLE	Amazonas (La Es- meralda)	SVPR	Ciudad Guayana (Gen. Manuel Car- los Piar Intl)	SVUM	Uriman
SVLF	La Fria (Francisco J. G. Hevia)	SVPT	Palmarito	SVUP	Upata
SVLO	La Orchila (CAPT de Navio Antonio Diaz AB)	SVQU	Hato Uranon	SVUQ	Uon-Quen
SVMC	Maracaibo (La Chi- nita Intl)	SVRB	Cumarebo (Puerto Cumarebo)	SVUY	Bolívar (Uruyen)
SVMD	Merida (Alberto Car- nevalli)	SVRX	Hacienda Rio Yaza	SVVA	Valencia (Arturo Mi- chelena Intl)
SVMG	Margarita (Chief Gen Santiago Mari- no Intl)			SVVG	El Vigia (Juan Pablo Perez Alfonzo)

**SOUTH AMERICA**  
**JEPPESSEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SVVL	Valera (Dr. Antonio Nicolas Briceno)	SWHG	Santa Helena De Goias	SWLB	Labrea
SVVP	Valle De La Pascua	SWHT	Humaita	SWLC	Rio Verde (Gen Leite De Castro)
SVVQ	Venelac (Lara)	SWIE	Jaborandi (Faz. Planalto Das Emas)	SWLY	Andradina (Chacara Municipal)
SVWB	Cerro Bolivar	SWIH	Novo Sao Joaquim (Fazenda Felicidade)	SWME	Mineiros
<b>SW</b>	<b>Brazil</b>	SWII	Santo Antonio Do Ica (Ipiranga)	SWMW	Maues
SWBA	Buriti Alegre	SWIN	Campo Novo Do Parecis (Faz. Itamarati Norte)	SWNA	Novo Aripuana
SWBC	Barcelos	SWIQ	Minacu	SWNB	Luis Eduardo Magalhães
SWBE	Sao Benedito (Walfrido Salmito de Almeida)	SWIW	Cocalzinho de Goias (Faz Pirapitinga Go)	SWNE	Nova Vicosia (Nelson Saldanha)
SWBQ	Pinheiros (Geraldo Alvino Covre)	SWIY	Lagoa da Confusao (Santa Isabel do Morro)	SWNH	Aruana
SWBR	Borba	SWIZ	Nova Alvorada Do Sul (Faz 7 Reis)	SWNI	Sao Paulo (Hosp E Maternidade Santa Marina)
SWCA	Carauari	SWJN	Juina	SWNK	Boca Do Acre (Novo Campo)
SWCB	Campos Belos	SWJP	Japura (Bittencourt)	SWNQ	Niquelandia
SWCQ	Costa Marques	SWJV	Atalaia Do Norte (Palmeiras Do Javari)	SWNS	Anapolis
SWDM	Diamantino	SWJW	Jatai	SWOB	Fonte Boa
SWDN	Dianopolis	SWKC	Caceres	SWPA	Nova Ubirata (Fazenda Futura)
SWDT	Neropolis (Dezoito)	SWKO	Coari	SWPB	Costa Marques (Forte Principe Da Beira)
SWEI	Eirunepe	SWKQ	Sao Raimundo Nonato (Serra da Capivara)	SWPG	Porto Dos Gauchos
SWEK	Canarana	SWKT	Catalao	SWPI	Parintins
SWFN	Manaus (Flores)	SWKU	Sao Gabriel Da Cachoeira (Cucui)	SWPK	Pocone
SWFR	Formosa			SWPL	Chapada Dos Guimaraes (Posto Leonardo Vilas Boas)
SWFV	Guape (Terramare)			SWPM	Pimenta Bueno
SWFX	Sao Felix Do Araguaia			SWPR	Pires do Rio
SWGJ	Gurupi				
SWGN	Araguaina				
SWGQ	Goianesia (Santa Cecilia)				

**SOUTH AMERICA**  
**JEPPESEN NAVDATA (ICAO) LOCATION IDENTIFIERS DECODE**

SWPZ	Posse (Oricanga De Abreu)	SWUZ	Luziania	SYAN	Annai
SWRL	Corumbiara (Faz. Pouso Redondo)	SWVB	Vila Bela (Vila Bela da SS. Trindade)	SYAP	Apoteri
SWRO	Porto Velho (Aeroclube de Rondonia)	SWVW	Formiga (Furnas-park Resort)	SYAW	Awaruwaunau
SWSR	Sertania	SWWA	Porangatu	SYCJ	Georgetown (Cheddi Jagan Intl)
SWST	Santa Terezinha	SWWM	Mantena (Faz. Pupi-la)	SYEB	Ebini
SWTC	Brasilandia (Faz. Beatriz)	SWWU	Uruacu	SYEC	Georgetown (Eugene F. Correia Intl)
SWTO	Paraiso Do Tocantins	SWXQ	Lins	SYIB	Imbaimadai
SWTP	Santa Isabel Do Rio Negro (Santa Izabel do Rio Negro)	SWXV	Nova Xavantina (Xavantina)	SYKA	Kaieteur
SWTQ	Rio Quente (Rio Quente Resorts)	SWYA	Jaciara (Fazenda Nossa Senhora Aparecida)	SYKK	Kurukabaru Guyana (Kurukabaru)
SWTS	Tangara da Serra	SWYN	Apui (Prainha)	SYKM	Kamarang
SWTU	Sapezal (Faz. Tucunare)	SWYW	Alto Garcas (Fazenda Adriana)	SYKR	Karanambo
SWTY	Taguatinga	<b>SY</b>	<b>FIR/UIR</b>	SYKT	Kato
SWUA	Sao Miguel Do Araguaia	SYGC	Georgetown FIR/UIR	SYLD	Linden
SWUV	Sebastiao Leal (Fazenda Progresso)	<b>SY</b>	<b>Guyana</b>	SYLP	Lumidpau
		SYAH	Aishalton	SYLT	Lethem
				SYMD	Mahdia
				SYMP	Mountain Point Guyana (Mountain Point)
				SYOR	Orinduik



# Airport Directory

Airport Data - South America



**ARGENTINA**

**28 De Noviembre** see **El Turbio**

**Aeroclub** see **Curuzu Cuatia**

**Aeroclub** see **Resistencia**

**Aeroclub** see **Trelew**

**Almirante Zar** see **Trelew**

**Alta Gracia**

1748' AGR -03:00\* S31 39.0 W064 24.0

Apt Administration (03547) 423258. ATS On Call Clearance delivery MIAMI ARTCC 305-716-1731.

**02/20** 3488' DIRT.

F-3.

**Alto Rio Senguerr (D.Casimiro Szlapelis)**

2286' SAVR ARR -03:00 S45 00.8 W070 48.8

Apt Administration (02945) 497087.

**08/26** 4593' DIRT.

ATND SKD SR-SS.

Traffic circuit south of the airport is performed at an altitude of at or above 1640ft (500m) higher and at or below 6562ft (2000m) track, avoiding overflight of populated area.

**Antoine De Saint Exupery** see **San Antonio Oeste**

**Arcor** see **Arroyito**

**Area De Material** see **Rio Cuarto**

**Arroyito (Arcor)**

475' ARY -03:00\* S31 25.0 W063 02.0

Apt Manager (03576) 421023.

**01/19** 3937' DIRT.

**Astor Piazzolla** see **Mar Del Plata**

**Aviador C. Campos** see **San Martin De Los Andes**

**Azul**

478' SAZA -03:00 S36 50.2 W059 52.8

Apt Administration (02281) 15-414183, (02281) 422435. Apt Manager (02281) 431808.

**09/27** 1969' DIRT.

**17/35** 4593' DIRT.

**Bahia Blanca (Comandante Espora)**

248' SAZB BHI -03:00 S38 43.6 W062 09.2

Apt Administration (0291) 4860319.

**06/24** 6496' ASPHALT. D-187, T 300, DDT 529, S 150. RL.

**17L/35R** 7907' ASPHALT. PCN 42/F/B/W/U. HIRL. HIALS 17L.

**17R/35L** 4915' ASPHALT. DDT 198, S 49, D-66, T 106.

Rwy 17R/35L limited to aircraft operations for turboprops, single engine.

H24. ATND SKD H24.

ABN. Fire 7 H24.

**Balcarce**

393' BAL -03:00 S37 54.8 W058 20.5

Apt Manager (02266) 430156.

**03/21** 3425' DIRT.

**16/34** 2625' DIRT. LDA 34 2477'.

F-3.

**Batan** see **Mar Del Plata**

**Bell Ville**

430' BEL -03:00\* S32 39.5 W062 42.1

Apt Administration (03537) 425355.

**18/36** 5453' ASPHALT. PCN 9/F/CY/T. LDA 18 5315'. LDA 36 5210'.

Airport available for night operations.

F-3.

ABN.

**Bella Vista**

180' BTA -03:00 S28 31.6 W059 02.3

## ARGENTINA

Apt Administration (03777) 451078.

**17/35** 3609' ASPHALT. D-31, DDW 44, S 24.

**Benjamin Matienzo see Tucuman**

**Bolivar**

308' SAZI -03:00 S36 11.2 W061 04.5

Apt Administration (02314) 428631. Apt Manager 0314-7545.

**02/20** 3937' ASPHALT. S 40, T 57. RL.

ATND SKD 0900-2400.

F-2, Jet A-1.

**Bragado**

197' BRA QRF -03:00 S35 08.7 W060 28.9

Apt Administration (02342) 406701, (02342) 422441.

**02/20** 2736' DIRT. RL.

**12/30** 3281' DIRT.

Caution crop dusting aircraft operating regularly in vicinity of airport.

F-3.

Fire U.

**Brig D Hector Eduardo Ruiz see Coronel Suarez**

**Brig. Gral. Antonio Parodi see Esquel**

**Brig. Juan Fancudo Quiroga see Chilecito**

**Brig. Mayor D. Cesar Raul Ojeda see San Luis**

**Buenos Aires (El Palomar)** Apt of Entry

59' SADP EPA -03:00 S34 36.6 W058 36.7

Apt Administration (11) 4513 3848. (11) 4317 6000. ARO (11) 6006 4271. Apt Operator (11) 4758 7089, (11) 4758 7963.

**17/35** 6923' CONCRETE. DW 183, S 121, DT 276, DDT 595. LDA 35 6266'. RL.

H24. ATND SKD H24. Customs: O/R.

General Aviation ACFT requiring night operations and overnight staying should coordinate the appropriate authorization.

PPR for entering the ATZ.

Jet A-1.

ABN. Fire 7.

**Buenos Aires (Ezeiza Intl Ministro Pistarini)**

Apt of Entry

67' SAEZ EZE -03:00 S34 49.3 W058 32.1

Apt Administration 54 011 5480 2500; jba-seeze@aa2000.com.ar. Apt Operator 54 011 4480 2348; Fax 54 011 4480 0291.

**11/29** 10827' ASPHALT. PCN 82/R/B/W/T. TODA 11 11483'. HIRL. ALS 11.

Secondary 92/F/C/W/T

**17/35** 10187' ASPHALT. PCN 70/R/B/W/T. LDA 35 9203'. TODA 35 11171'. HIRL. ALS 35.

Secondary 74/F/B/W/T

H24. ATND SKD H24. Customs: H24.

Radio required.

CAUTION: Birds in vicinity of airport.

Twy J between Twy A and Industrial Apron limited to aircraft superior weight to reference Code C, must be towed.

Jet A-1.

ABN. Fire 10.

**Buenos Aires (General Pinto)**

318' PNT -03:00 S34 47.1 W061 54.8

Apt Administration (02356) 420359.

**01/19** 3934' DIRT.

ABN.

**Buenos Aires (Jorge Newbery Aeroparque)**

18' SABE AEP -03:00 S34 33.5 W058 25.0

Apt Administration 4576 5300; Fax 4576 5300 / 112, 115. 4514 1612. ARO 4514 1513/1611. ATC 4514 1628. Apt Manager 4514 1620; Fax 4514 1630.

**ARGENTINA**

**13/31** 6890' CONCRETE. PCN 50/R/B/W/T. LDA 31 6473'. ALS 13.

Rwy 13 Right-Hand Circuit.

H24. ATND SKD H24. Customs: H24.

The traffic pattern to the northeast of the runway only.

Prohibited:

Actual or simulated navigation practices, approach or IFR procedures.

Aircraft without radio equipment to link with TWR AER.

Private pilot operations.

Single engine aircraft, except helicopters.

Engine run up between 2200 and 0800LT.

Time extension to test maximum engine power from 09:00 to 11:00LT.

Helicopter operations in commercial aviation ramp.

Radio communication with TWR is required for push back or engine start up.

All operations between 0330 and 0830UTC, are subject to compliance with existing noise abatement procedures except medical flights and public aircraft.

No movement from a position on the platform shall be initiated without tower authorization.

Positions 62 and 63 shall only be used for official aircraft and/or sanitary flights.

Helicopter ops will not be allowed while another aircraft is taxiing on the apron.

Caution shall be used when starting the taxi maneuver due to the possible displacement of other vehicles and pedestrians on apron and vicinity.

180° turning maneuvers prohibited on Rwy 13/31 for acft with wheelbase equal or greater than 59' (18 m), except at both ends of rwy and turn bay pad located 5906' (1800 m) from threshold 13. Turning maneuvers at those ends must be conducted with caution in order to

keep separation distance between aircraft wheels and the pavement edge.

Turn pad located 5906' (1800 m) from threshold 13 over east margin of the rwy for 180° turn. Available dimensions including the wheel base equal or greater than 59' (18 m): width 169' (51.5m), length 175' (53.3m). It has full turn indicator signals. ILE available.

The operations in the industrial terminal are suspended due to transfer of military aero station. The operations should be coordinated with the administration of APT.

F-3, Jet A-1.

Fire 7.

**Canada De Gomez**

268' GOM -03:00 S32 48.5 W061 21.9

Apt Administration (03471) 422472.

**01/19** 3609' DIRT.

F-3.

ABN. Fire U.

**Canadon Seco**

295' CDS -03:00 S46 32.3 W067 33.6

Apt Administration (0297) 4856493, (0297) 6242329.

**06/24** 3609' ASPHALT.

**10/28** 3609' ASPHALT.

Due to airport being under the TMA the maximum traffic pattern altitude is 1500', except for the for aircraft that obtain permission from ATC.

F-3.

**Cap Vicente A Almonacid see La Rioja**

**Cap. D. Jose D. Vasquez see San Julian**

**Capitan D. Omar Dario Gellardi see Cordoba**

**Capitan Sarmiento**

161' CTS -03:00 S34 09.8 W059 43.8

Apt Administration (02478) 48268.

**02/20** 3101' DIRT.

**ARGENTINA**
**Carlos Casares**

262' CSR -03:00 S35 37.7 W061 23.6

Apt Operator (02395) 452540.

**17/35** 3609' DIRT.

F-2, F-4.

**Carmen De Patagones**

131' PAT CPG -03:00 S40 46.7 W062 58.8

Apt Administration (02920) 15-617839.

**04/22** 5577' DIRT.

**13/31** 2625' DIRT.

**Catamarca**

1556' SANC CTC -03:00 S28 35.6 W065 45.1

Apt Administration (0383) 4453686.

**02/20** 9186' ASPHALT. S 101, D-132, DDT 209. RL.

ATND SKD 1000-2359Z.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 5.

**Cataratas Del Iguazu (Mayor D Carlos Eduardo Krause)**

916' SARI IGR -03:00 S25 44.2 W054 28.4

Apt Administration 03757 420997, 03757 421996; Fax 03757 420595, 03757 422013.

**13/31** 10827' ASPHALT. PCN 69/F/B/W/T. TODA 13 11811'. RL. ALS 31.

H24. ATND SKD H24. Customs: Customs: Mon-Fri 1100Z-until last flight, O/T O/R 2 HOUR PNR; Immigration: 1100-1500Z O/T O/R.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 8.

**Ceres**

285' SANW CRR -03:00 S29 51.8 W061 52.4

Apt Administration (03491) 420154, (0491) 20113/20112; Fax (03491) 420578.

**05/23** 4429' DIRT.

F-2, F-4.

**Chamical see Gobernador Gordillo**
**Charata**

318' CHA CNT -03:00 S27 13.0 W061 12.5

Apt Administration (03731) 420015, (03731) 628227.

**09/27** 2953' DIRT.

**18/36** 3937' DIRT.

F-3.

**Chascomus**

32' MUS -03:00 S35 32.5 W058 03.1

Apt Operator (02241) 426152, (02241) 15-676620.

**04/22** 3934' ASPHALT.

**Chilecito (Brig. Juan Fancudo Quiroga)**

3100' SANO -03:00 S29 13.4 W067 26.4

Apt Administration (03825) 672752.

**17/35** 6890' ASPHALT. DDW 159, S 77, D-99.

Available for night operations.

Jet A-1.

**Chivilcoy**

173' CHY -03:00 S34 57.7 W060 01.9

Apt Operator (02346) 432011.

**03/21** 3281' DIRT.

**08/26** 2953' DIRT.

F-3.

**Choele Choele**

642' OEL -03:00 S39 17.2 W065 36.6

Apt Administration (02946) 443628.

**09/27** 6562' ASPHALT. S 51, D-66. LDA 09 5151'.

## ARGENTINA

**Chos Malal**

2788' SAHC HOS -03:00 S37 26.6 W070 13.4

Apt Administration (02948) 421265.

**12/30** 4921' ASPHALT. S 18, D-44.

**Clorinda**

200' SATC CLX -03:00 S25 18.0 W057 44.0

**01/19** 3281' DIRT. AUW-6.

ATND SKD SR-SS.

**Club De Planeadores see Parana****Colon**

295' CON -03:00 S33 52.3 W061 02.8

Apt Operator (02473) 421920.

**17/35** 3609' DIRT.

**Colonia Catriel**

1026' CLT CCT -03:00 S37 55.0 W067 50.0

Apt Administration (0299) 4911370.

**06/24** 4265' ASPHALT. RL.

**Com Ricardo Salomon see Malargue****Comandante Espora see Bahia Blanca****Comandante L Piedrabuena**

78' LPB -03:00 S49 59.0 W068 57.1

Apt Operator (02962) 497825.

**08/26** 3937' ASPHALT.

**Comodoro P. Zanni see Pehuajo****Comodoro Pierrestegui see Concordia****Comodoro Rivadavia (Gen Enrique**

**Mosconi)** Apt of Entry

185' SAVC CRD -03:00 S45 47.1 W067 27.9

(297) 4471603, (297) 4472353. Ground Services (297) 4549311.

**06/24** 8530' CONCRETE. PCN 54/R/C/W/T. LDA 06 6890'. RL.

**07/25** 9219' CONCRETE. PCN 54/R/C/W/T. RL.

H24. ATND SKD H24. Customs: O/R.

CAUTION: Birds in vicinity of airport.

F-3, JP-1.

Fire 7.

**Concordia (Comodoro Pierrestegui)**

112' SAAC COC -03:00 S31 17.8 W057 59.8

Apt Manager (0345) 4251001.

**04/22** 5249' ASPHALT. T 108, S 53, D-68.

1000-2359Z ATND SKD 1000-2359Z.

Birds in vicinity of airport.

F-2, F-4, Jet A-1.

ABN. Fire 1 1000-2359Z.

**Cordoba (Capitan D. Omar Dario Gellardi)**

1594' SACA -03:00 S31 26.2 W064 15.4

Apt Administration (0351) 4333900/923.

**16/34** 4232' ASPHALT. S 24, D-40.

ATND SKD Mon - Fri, 1100-1800Z. Sat, Sun and Holidays without services.

Aerodrome restrictions: It can not be considered as alternative AD. No over night parking. No public fuel services.

F-3, Jet A-1.

**Cordoba (Ing Aer A L V Taravella)**

1604' SACO COR -03:00 S31 18.6 W064 12.5

Apt Administration 0351 4750392/242, 0351 4753843. 0351 4753882, 9 0351 153411071; seccaerocordoba@afip.gob.ar. Apt Switchboard 0351 4756400.

**01/19** 10499' CONCRETE. PCN 75/R/C/W/T. HIRL. HIALS 19.

Rwy 01 Right-Hand Circuit.

**05/23** 7218' ASPHALT. PCN 56/F/C/W/T. HIRL.

Rwy 05 Right-Hand Circuit.

**ARGENTINA**

**17/35** 8205' CONCRETE. HIRL.

H24. ATND SKD H24. Customs: Mon-Fri:  
1000-2200Z. O/T O/R with 2 hrs PNR.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 9.

**Coronel Dorrego**

393' DOR -03:00 S38 44.5 W061 15.3

Apt Administration (02921) 15-4256174,  
(02921) 453479.

**01/19** 3445' DIRT.

**10/28** 3445' DIRT.

F-3.

Fire U.

**Coronel Olmedo**

1416' SACD -03:00 S31 29.3 W064 08.5

Apt Administration (0351) 4348710.

**04/22** 3806' DIRT. LDA 04 3478'.

Night skydiving ops prohibited.

F-2, F-4.

**Coronel Suarez (Brig D Hector Eduardo Ruiz)**

767' SAZC -03:00 S37 26.8 W061 53.3

Apt Operator (02926) 430777.

**17/35** 4265' ASPHALT. DDT 104, S 51, D-66.  
RL.

F-3.

**Coronel Vidal**

85' VDL -03:00 S37 28.1 W057 46.0

Apt Operator (02265) 432002.

**10/28** 4265' DIRT.

**15/33** 4265' DIRT.

**Corrientes** Apt of Entry

204' SARC CNQ -03:00 S27 26.7 W058  
45.7

Apt Administration (0379) 4458323. (0379)  
4458332.

**02/20** 7382' ASPHALT. PCN 50/R/C/W/U. LDA  
02 6890'. LDA 20 6890'. HIRL. HIALS 20.

0900-0000Z ATND SKD 0900-0000Z. Customs:  
O/R.

Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 7.

**Curuzu Cuatia (Aeroclub)**

262' CZU -03:00 S29 46.0 W058 05.0

Apt Administration (03774) 425305.

**07/25** 5249' ASPHALT.

F-3.

**Curuzu Cuatia**

230' SATU UZU -03:00 S29 46.3 W057 59.0

Apt Operator (03374) 422184.

**01/19** 7054' ASPHALT. T 159, S 77, D-99.  
ASDA 01 7546'. ASDA 19 7546'. RL.

ATND SKD SR-SS.

CAUTION: Starting from threshold Rwy 19 and  
until approximately 3937 ft (1200 M) asphalt  
surface is lifted and loose.

F-2, F-4.

**Cutral-Co**

2132' SAZW CUT -03:00 S38 56.4 W069  
15.9

Apt Administration (0299) 4961333.

**03/21** 4052' ASPHALT.

**07/25** 5558' ASPHALT. S 73, D-95. LDA 07  
5361'. RL.

1300-1800Z, Medical service 30 min PNR.

Jet A-1.

ARFF available upon request.

**D.Casimiro Szlapelis see Alto Rio Senguerr**

**Daireaux**

380' DRX -03:00 S36 35.0 W061 47.0

**ARGENTINA**

Apt Administration (02316) 454151; Fax F-3.  
(02316) 452520. Fire 7.

**04/22** 2215' DIRT.

**09/27** 2756' DIRT.

**17/35** 3281' DIRT.

F-3.

Fire U Available O/R.

**Darregueira**

649' DAR -03:00 S37 42.7 W063 09.8

Apt Operator (02924) 421405.

**15/33** 3117' DIRT.

**Dean Funes**

2259' FUN -03:00 S30 22.7 W064 22.8

Apt Administration (03521) 420020.

**15/33** 4593' DIRT.

Fire U.

**Diamante**

246' DTE -03:00 S32 00.9 W060 34.9

Apt Operator (0343) 15-6204762.

**03/21** 3117' DIRT.

**Domingo Faustino Sarmiento see San Juan**

**Don Hector Biondi see Isla Verde**

**El Bolson**

1131' SAVB EHL -03:00 S41 58.0 W071 31.1

Apt Administration (0944) 92299/92206.

**18/36** 4265' ASPHALT. S 50, T 66.

ATND SKD SR-SS.

**El Calafate**

647' SAWC FTE -03:00\* S50 16.8 W072 03.2

Apt Administration 02902-491937; Mobile 011 1538985232.

**07/25** 8366' CONCRETE. PCN 61/R/B/X/U. RL.

ATND SKD 1000-0100Z.

**El Maiten**

2356' SAVD EMX -03:00 S42 02.0 W071 09.0

Apt Administration (0945) 95349/95138.

**02/20** 3150' DIRT.

**06/24** 4961' DIRT.

**10/28** 3478' DIRT.

ATND SKD 1100-1700 Mon, Tues, Fri;  
1000-1600 Wed; 1200-1800 Thursday.

CAUTION: Animals in vicinity of airport.

**El Palomar see Buenos Aires**

**El Plumerillo see Mendoza**

**El Tehuelche see Puerto Madryn**

**El Turbio (28 De Noviembre)**

895' SAWT -03:00 S51 36.5 W072 13.3

Apt Administration (02902) 15-26422452.

**06/24** 5741' ASPHALT. PCN 29/F/C/Y/U.

**14/32** 3937' DIRT. LDA 14 2953'.

Fire 5.

**Eldorado**

685' SATD ELO -03:00 S26 23.8 W054 34.5

Apt Administration (03751) 421394.

**01/19** 4695' DIRT.

ATND SKD SR-SS.

**Esperanza**

124' EPZ -03:00 S31 28.4 W060 50.7

Apt Administration (0343) 4260795.

**06/24** 3077' DIRT.

**15/33** 3133' DIRT.

Fire U.

**Esquel (Brig. Gral. Antonio Parodi)**

2621' SAVE EQS -03:00 S42 54.2 W071 08.1

**ARGENTINA**

Apt Administration 2945 451354.

**05/23** 7851' ASPHALT. D-163, T 254, DDT 485, S 110. RL.

ATND SKD 1100-2200Z.

F-3, Jet A-1.

ABN. Fire 7.

**Esquina**

127' ESN -03:00 S30 03.0 W059 32.0

Apt Operator (03777) 461292; Fax (03777) 461953.

**03/21** 3150' DIRT.

AD traffic pattern: Maximum 1500 FT - AD Traffic zone : 2000 FT

Flights operating at 2000 FT or more within the SAR 153, must request authorization prior to entry to RECONQUISTA TWR or RESISTANCE ACC.

F-2, F-4.

**Ezeiza Intl Ministro Pistarini see Buenos Aires**

**Formosa**

193' SARF FMA -03:00 S26 12.8 W058 13.7

Apt Administration 54 03717 454448; Fax 54 03717 450521.

**04/22** 5905' ASPHALT. PCN 30/F/B/X/U. RL.

21 OCT-20 MAR 0900-2400Z, 21 MAR-20 OCT 1000-2300Z ATND SKD 1000-2300Z. O/T O/R 1HR PNR. Customs: O/R.

CAUTION: Birds in vicinity of airport.

Helicopters to operate according to instructions of the ATS.

F-3, Jet A-1.

ABN. Fire 7.

**Frias**

1082' FRS -03:00\* S28 37.7 W065 06.8

Apt Operator (03854) 423827.

**13/31** 4921' ASPHALT. DT 71, D-49, S 40.

**Galvez**

135' VEZ -03:00 S32 02.1 W061 10.7

Apt Operator (03404) 481056.

**01/19** 4199' DIRT.

**04/22** 2625' DIRT.

F-3.

**GEN E Mosconi see Tartagal**

**Gen Enrique Mosconi see Comodoro Rivadavia**

**Gen Urquiza see Parana**

**Gen. Don Martin Miguel de Guemes see Salta**

**General Alvear**

1489' SAMA -03:00 S35 03.5 W067 41.6

Apt Operator (02625) 422661.

**17/35** 4921' DIRT.

**General Deheza**

898' GDH -03:00 S32 44.7 W063 47.8

Apt Administration (0358) 4950260; Fax (0358) 4955100.

**18/36** 4528' DIRT.

Fire U.

**General Lamadrid**

560' LAM -03:00 S37 13.6 W061 16.7

Apt Operator (02286) 420083.

**01/19** 3281' DIRT.

**09/27** 2625' DIRT.

**General Madariaga**

22' MAD -03:00 S37 02.3 W057 08.2

Apt Operator (02267) 425582, (02267) 15-524568.

**01/19** 2264' DIRT.

**06/24** 3937' DIRT.

F-4.



## ARGENTINA

**General Pico**

458' SAZG GPO -03:00 S35 41.7 W063 45.5

Apt Administration 2302-434000.

**16/34** 7710' ASPHALT. DDW 99, S 49, D-64. RL.

ATND SKD 1000-2359Z.

F-2, F-4, Jet A-1.

Fire 1.

**General Pinto see Buenos Aires****General Roca**

852' SAHR GNR -03:00 S39 00.0 W067 37.2

Apt Administration (0298) 15-4567405, (0298) 4422582.

**09/27** 7073' ASPHALT. D-110, T 165, S 79.

Mon - Fri, 0800-1400 LT, Sat, Sun and holidays O/R.

Jet A-1.

**General Rodriguez**

91' -03:00 S34 40.8 W059 02.3

**16/34** 3773' DIRT.

**General Viamonte (Los Toldos)**

236' GNV -03:00 S34 58.6 W061 01.2

Apt Administration (02355) 15-677517.

**05/23** 2953' DIRT.

**17/35** 3478' DIRT.

Fuel for aerodrome's own use.

F-3.

ABN. Fire U.

**Gobernador Castello see Viedma****Gobernador Gordillo (Chamical)**

1503' SACT -03:00\* S30 20.4 W066 17.6

Apt Administration (03826) 15-479605, (03826) 429606/607/608.

**01/19** 6726' ASPHALT. LDA 19 5414'.

ATND SKD Mon-Fri 1000-2000z, 24 hours PPR Sat-Sun.

**Gobernador Gregores**

1167' SAWR GGS -03:00 S48 47.0 W070 09.7

Apt Operator (02962) 491213.

**09/27** 4921' DIRT.

ATND SKD 1200-2100 Mon, Tues, Thurs, Fri & Sat, 1100-2100 Wed.

VFR operations must comply with the provisions of Annex ALFA.

Jet A-1.

**Gobernador Horacio Guzman see Jujuy****Gonzalez Chaves**

636' GVZ -03:00 S38 02.0 W060 08.0

Apt Operator (02983) 481907.

**13/31** 3934' DIRT.

**18/36** 3934' DIRT.

F-3.

**Goya**

128' SATG OYA -03:00 S29 06.4 W059 13.1

Apt Administration 3777 421680.

**04/22** 5577' ASPHALT. D-99, S 75, T 154. RL.

ATND SKD 1000-2200Z.

Fire 1.

**Gualeguaychu**

75' SAAG GHU -03:00 S33 00.3 W058 36.8

Apt Administration (03446) 493028.

**01/19** 4364' ASPHALT. S 35, T 71, D-44. RL.

1000-2359Z O/R ATND SKD 1000-2359Z O/R.

Fire 1 1000-2359Z O/R.

**Heroes de Malvinas see Tandil****Huaguellen**

518' HUG -03:00 S37 02.0 W061 56.0

Apt Operator (02933) 432943, (02933) 432982.

## ARGENTINA

**18/36** 3609' DIRT.

F-2.

**Ing Aer A L V Taravella see Cordoba**

**Ingeniero Jacobacci (Ingeniero Jacobacci/  
Cabo FAA H)**

2927' IGB -03:00 S41 20.0 W069 34.0

**07/25** 6890' ASPH/CONC.

Fire U.

**Isla Martin Garcia**

6' MGI -03:00 S34 10.9 W058 14.8

Apt Administration (011) 15-34002412, (011) 47281825, (011) 47282816. Apt Manager (011) 15-49692264.

**17/35** 3953' ASPHALT.

Birds in vicinity of AD.

No touch and goes or flight training.

ABN.

**Isla Verde (Don Hector Biondi)**

387' IVB -03:00 S33 14.8 W062 25.0

Apt Administration (03468) 496264.

**01/19** 3412' DIRT.

**Islas Malvinas see Rosario**

**Jesus Maria**

1738' JES -03:00 S30 59.2 W064 04.6

Apt Administration (03525) 421950, (03525) 466716, (03525) 467663.

**18/36** 3281' DIRT.

**Jorge Newbery Aeroparque see Buenos Aires**

**Jose De San Martin**

2407' SAWS JSM -03:00 S44 02.8 W070 26.8

Apt Administration (02945) 496046, (02945) 496159.

**06/24** 3937' DIRT.

**09/27** 4921' DIRT.

ATND SKD SR-SS.

**Juarez**

695' SAZJ -03:00 S37 42.4 W059 47.5

Apt Administration (0292) 2240.

**08/26** 3379' DIRT.

**18/36** 3478' DIRT.

F-2, F-4.

**Juarez Celman (Maj Juan Ignacio San Martin)**

1623' JCM -03:00 S31 12.8 W064 09.6

Apt Administration (0351) 15-5557576; Fax (0351) 4247525.

**18/36** 4429' DIRT.

F-3.

**Jujuy (Gobernador Horacio Guzman)** Apt of Entry

3019' SASJ JUJ -03:00 S24 23.6 W065 05.9

Apt Administration 54-0388-4911101; Fax 0388-4911104.

**16/34** 9659' ASPHALT. PCN 50/F/B/W/U. TODA 16 12612'. RL. HIALS 34.

1000-0000Z. ATND SKD 1000-0000Z. Customs: O/R.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 7.

**La Cumbre**

3733' SACC LCM -03:00 S31 00.3 W064 32.0

Apt Administration (03548) 15-463885, (03548) 452544.

**14/32** 4101' DIRT.

Birds in vicinity of airport and loose animals on rwy.

F-2.

**ARGENTINA**
**La Paz**

200' SAMP -03:00 S30 47.0 W059 36.0

**01/19** 1641' DIRT.

**08/26** 3543' DIRT.

**13/31** 2953' DIRT.

F-2.

**La Plata**

72' SADL LPG -03:00 S34 58.1 W057 53.6

Apt Administration (0221) 4860809; Fax (0221) 4861568.

**02/20** 4682' ASPHALT. S 55, D-73, T 119.

RWY 14/32 Asphalt inoperable, except in the section between TWY S and the intersection with RWY 02/20. Exclusive use only as a taxiway for daytime operations and VFR conditions.

Birds in vicinity of airport.

F-4, Jet A-1.

**La Puntilla see Mendoza**
**La Rioja (Cap Vicente A Almonacid)**

1447' SANL IRJ -03:00 S29 22.8 W066 47.7

Apt Administration 382 439211.

**03/21** 9206' ASPHALT. T 209, D-132, S 101. RL.

1000-2359Z. ATND SKD 1000-2359Z.

CAUTION: Birds in vicinity of airport.

Do not use autopilot within 3.9NM of LOC.

Do not use autopilot within 3.0NM of GP.

Jet A-1.

Fire 5 1000-2359Z.

**Laboulaye**

449' SAOL -03:00 S34 08.1 W063 21.7

Apt Administration (03385) 15-522782, (03385) 15-687620, (03385) 420984.

**18/36** 3937' ASPHALT. S 15, D-22. RL.

F-3, Jet A-1.

**Lago Buenos Aires**

1270' BAI -03:00 S46 34.6 W070 56.9

Apt Administration (02963) 432025, (02963) 432182.

**10/28** 3281' DIRT.

F-3.

**Laprida**

705' LPR -03:00 S37 32.0 W060 47.0

Apt Administration (02285) 4421300; Fax (02285) 4420478.

**05/23** 1969' DIRT.

**17/35** 3117' DIRT.

F-3.

Fire U.

**Las Flores**

111' FLO -03:00 S36 04.0 W059 06.0

Apt Administration (02244) 452506.

**01/19** 3281' DIRT.

**09/27** 3281' DIRT.

F-3.

Fire U.

**Las Heras (Los Perales)**

1398' LHP LHS -03:00 S46 11.5 W069 17.2

Apt Administration (0297) 4499000.

**09/27** 4816' ASPHALT. PCN 27/F/C/X/U.

Only for daylight operations.

For night operations the Argentinian regulation-swill be adjusted, they will be performed using VMC inside of the traffic zone of the airport and according to Instrument flight rules outside of the airport traffic pattern.

**Las Lajas**

2789' LLJ -03:00 S38 32.0 W070 20.1

Apt Administration (02948) 498380.

**10/28** 5249' ASPHALT.

## ARGENTINA

**Las Ovejas**

3936' OVJ -03:00 S37 00.0 W070 44.1

Apt Administration (02948) 481069.

**16/34** 3934' ASPHALT.**Liberador Gral D Jose De San M see  
Posadas****Loncopue**

3629' LCP LCP -03:00 S38 04.9 W070 38.6

Apt Administration (02948) 498380.

**09/27** 5249' ASPHALT.**Los Menucos**

2571' MCO LMD -03:00 S40 49.0 W068 04.3

Apt Operator (02934) 493151.

**05/23** 3773' DIRT.

The traffic pattern of the AD is exclusively SE of RCL.

**Los Perales see Las Heras****Los Toldos see General Viamonte****Maj Juan Ignacio San Martin see Juarez  
Celman****Malargue (Com Ricardo Salomon)**

4692' SAMM LGS -03:00 S35 29.6 W069 34.5

Apt Administration 0260 4471265.

**09/27** 5574' ASPHALT. S 24, D-33.**14/32** 8694' ASPHALT. S 165, D-207, T 368.  
LDA 14 7152'. RL.

1000-2359Z.

Rwy 09/27 is closed.

Jet A-1.

Fire 5.

**Malvinas Argentinas see Ushuaia****Maquinchao**

2913' SAVQ -03:00 S41 14.5 W068 42.5

Apt Operator (02490) 491024, (02490) 491042.

**06/24** 3773' DIRT.**Mar Del Plata (Astor Piazzolla)** Apt of Entry  
71' SAZM MDQ -03:00 S37 56.0 W057 34.4  
Apt Administration (0223) 4780744, (0223)  
4783990; jefesbase-mdg@aa2000.com.ar.  
(0223) 478 0106, (0223) 478 3810. ARO (0223)  
478 6444.**13/31** 7218' ASPHALT. PCN 61/R/C/W/T. RL.  
H24. ATND SKD 0900-0100Z. O/R  
0100-0900Z. Customs: O/R 6hr prior.  
CAUTION: Birds in vicinity of airport.

Portion of RWY PCN is 64/F/C/W/T.

F-3, Jet A-1.

ABN. Fire 7.

**Mar Del Plata (Batan)**

203' MDB -03:00 S38 00.7 W057 40.6

Apt Administration (0223) 4642151.

**04/22** 3281' DIRT.

F-3.

**Marcos Juarez**

360' SAOM -03:00 S32 41.7 W062 09.2

Apt Administration (03472) 15-449952, (03472)  
15-543760, (03472) 15-621815, (03472)  
420033.**07/25** 3937' ASPHALT. D-46, S 33. RL.

SR-SS.

F-2, F-4, Jet A-1.

**Mariano Moreno**

105' SADJ -03:00 S34 33.6 W058 47.4

Apt Administration (02320) 44517095.

**16/34** 7874' ASPHALT. S 126, T 260, DDT 496,  
D-163.

1100Z-SS. ATND SKD 1100Z-SS.

F-2, F-4, Jet A-1.

Fire 1 1100Z-SS.

## ARGENTINA

**Matanza**

9' SADZ -03:00 S34 43.7 W058 30.0

Apt Administration (011) 46931377.

**09/27** 2133' DIRT.

**17/35** 3396' DIRT.

F-2, F-4.

**Mayor D Carlos Eduardo Krause see  
Cataratas Del Iguazu**

**Mendoza (El Plumerillo)** Apt of Entry

2310' SAME MDZ -03:00 S32 49.9 W068 47.6

Apt Administration 54 0261 4480944. 54 0261 4414052 (customs), 54 0261 4484888 (imigration), 54 0261 4487468, 54 0261 4690605 (imigration). ARO 54 0261 4487486. Apt Manager 0261 4487483.

**18/36** 9301' CONCRETE. PCN 97/R/B/W/T. LDA 36 9154'. TODA 18 10285'. TODA 36 10449'. HIRL. ALS 36.

H24 ATND SKD H24. Customs: 1100-23:59Z and 0000-0300Z. O/T 8hr PPR.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

Fire 7.

**Mendoza (La Puntilla)**

3091' DOP -03:00\* S32 57.7 W068 52.4

Apt Operator (0261) 4963349.

**04/22** 3901' ASPHALT.

F-2, F-4.

**Mercedes**

347' RCE MDX -03:00 S29 13.3 W058 05.3

Apt Administration (0773) 20056/(0714) 21929. ATS On Call Clearance delivery FORT WORTH ARTCC 817-858-7584.

**03/21** 5906' ASPHALT. PCN 22 F/D/X/U estimated. RL.

ATND SKD 1100-1700 Mon-Fri.

F-2, F-4, Jet A-1.

**Miramar**

42' SAEM MJR -03:00 S38 13.6 W057 52.2

Apt Operator (02291) 432599; Fax (02291) 432755.

**04/22** 2031' DIRT.

**09/27** 1969' DIRT.

**18/36** 5472' ASPHALT. D-123, DT 176, S 77. RL.

MON - FRI 1100 to 1700Z. O/T O/R.

F-2.

Fire U.

**Monte Carlo (Montecarlo)**

787' MTL -03:00 S26 32.6 W054 43.4

Apt Administration H24 (03751) 481679; Fax (03751) 480775.

**01/19** 3281' DIRT.

F-3.

**Monte Caseros**

171' SARM MCS -03:00 S30 16.2 W057 38.4

**18/36** 4068' DIRT.

ATND SKD SR-SS.

**Moron**

95' SADM -03:00 S34 40.7 W058 38.6

Apt Administration (011) 46292012. ARO 46292022.

**02/20** 9242' ASPHALT. D-75, T 119, S 57. LDA 20 7571'.

ATND SKD 1000-SS.

CAUTION: Birds and animals on airport movement areas.

F-3, Jet A-1.

Fire 3.

**Nanco Lauquen see Trenque Lauquen**

**Necochea**

72' SAZO NEC -03:00 S38 29.3 W058 48.9

Apt Administration (02262) 422473.

**ARGENTINA**

**13/31** 2621' DIRT.

**17/35** 3609' DIRT.

**18/36** 4921' ASPHALT. S 51, D-66, T 104. RL.

ATND SKD 1030-1730Z.

F-2, F-4, Jet A-1.

**Neuquen (Presidente Peron)** Apt of Entry

895' SAZN NQN -03:00 S38 56.9 W068 09.3

Apt Administration (0299) 444 0525. ARO (0299) 444 0104. Apt Manager (0299) 444 0544.

**09/27** 8432' ASPHALT. PCN 40/F/B/W/T. ASDA 09 9108'. ASDA 27 9114'. RL.

H24. ATND SKD H24. Customs: O/R.

CAUTION: Birds and wild life animals in vicinity of airport.

Controlled airfield. Operations prohibited without contact with ATC.

F-4, Jet A-1.

ABN. Fire 6.

**Nogoya**

138' -03:00 S32 24.0 W059 45.0

**16/34** 5906' DIRT. RL.

F-2.

Fire U.

**Norberto Fernandez see Rio Gallegos**

**Nueva De Julio**

246' SAZX -03:00 S35 24.0 W060 56.0

Apt Administration (02317) 432888.

**13/31** 3934' DIRT. RL.

**17/35** 2621' DIRT.

F-3.

**Obera**

1125' SATO -03:00 S27 31.3 W055 07.3

Apt Administration (03755) 423061.

**17/35** 5905' ASPHALT. S 29, D-35.

VFR operations must comply with the provisions of Annex ALFA.

F-2, F-4.

**Olavarria (Aeroclub Olavarria)**

606' OLC -03:00 S36 57.8 W060 16.6

Apt Operator (02284) 492232.

**09/27** 2625' DIRT.

**14/32** 2625' DIRT.

**18/36** 3281' DIRT.

Portable lights available.

**Olavarria**

551' SAZF -03:00 S36 53.3 W060 13.7

Apt Administration (02284) 445554.

**04/22** 7218' ASPHALT. DT 165, S 82, D-110. RL.

**13/31** 3478' DIRT.

ATND SKD SR-SS.

VFR operations must comply with the provisions of Annex Alfa.

F-3, Jet A-1.

**Oran**

1171' SASO ORA -03:00 S23 09.1 W064 19.7

Apt Administration (03878) 422680.

**01/19** 4839' ASPHALT. D-68, S 53.

ATND SKD 1000-2400.

**Parana (Club De Planeadores)**

151' PNA -03:00 S31 43.8 W060 13.2

Apt Administration (0343) 4261829.

**01/19** 3934' DIRT.

**Parana (Gen Urquiza)**

233' SAAP PRA -03:00 S31 47.7 W060 28.8

Apt Operator (0343) 4261914.

**02/20** 6890' ASPHALT. S 110, D-148, DDT 463, T 245.

1000-0100Z ATND SKD 1000-0100Z.

## ARGENTINA

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 5 1000-0100Z.

**Paso De Los Libres**

230' SARL AOL -03:00 S29 41.3 W057 09.1

Apt Administration (03772)422222. ARO 425528.

**18/36** 7415' ASPHALT. PCN 30/F/B/X/U. LDA 18 6988'. LDA 36 6404'. TODA 18 6529'.

0900 - 0000Z. Customs: O/R PNR 2HR before ETA.

CAUTION: Rwy surface deteriorating.

Fire Protection, available on request, 3 hours advance notice.

Fire 1.

**Pehuajo (Comodoro P. Zanni)**

278' SAZP PEH -03:00 S35 50.4 W061 51.7

Apt Operator (02396) 472366.

**18/36** 4921' ASPHALT. D-53.

ATND SKD 0900 to 0000Z.

Emergency and evacuation lights 2H prior notice.

RWY and TWY 18/36 restricted for cracks and loose stones in its entirety, to piston aircraft up to 125663lb (5700 KG).

F-4, Jet A-1.

O/R.

**Pergamino**

236' SAAN -03:00 S33 55.2 W060 38.9

Apt Operator 02477 425577.

**04/22** 3937' ASPHALT. S 51, DT 104, D-66.

**13/31** 2854' DIRT.

F-3.

Fire U.

**Perito Moreno**

1410' SAWP PMQ -03:00 S46 32.3 W070 58.7

Apt Administration (02963) 432274, (02963) 15-26422498.

**10/28** 5577' ASPHALT. DDW 128, S 44, DW 75. LDA 10 5380'.

ATND SKD 1200-2100 Mon, Tue, Thr, Fri; 1000-1900 Wed.

**Pigue**

1024' SAZE -03:00 S37 36.4 W062 23.9

Apt Administration (02923) 472112.

**04/22** 3642' DIRT.

**18/36** 4856' DIRT.

Customs.

VFR OPS must comply with the provisions of Annex ALFA.

F-2.

**Posadas (Liberador Gral D Jose De San M)**

430' SARP PSS -03:00 S27 23.1 W055 58.2

Apt Administration 3752 457413; Fax 3752 457414. 3752 451999. ATC 3752 451903. Apt Manager 3752 452004.

**01/19** 7388' ASPHALT. PCN 42/F/A/W/T. TODA 01 9193'. RL.

RWY 01 PCN 51/R/B/W/T

0900-0000Z. ATND SKD 0900-0000Z. Customs: Customs: O/R. Immigration: 0900-0000Z.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

Fire 7.

**Presidencia Roque S. Pena**

308' SARS PRQ -03:00 S26 45.2 W060 29.5

Apt Administration (03732) 420982; Fax (03732) 421610.

**03/21** 5906' CONCRETE. D-88, S 71.

**Presidente Peron see Neuquen**

**ARGENTINA**
**Puerto Deseado**

268' SAWD PUD -03:00 S47 44.1 W065 54.2

Apt Administration (0297) 4872333.

**06/24** 4921' ASPHALT. RL.

ATND SKD 1000-2200.

**Puerto Madryn (El Tehuelche)**

433' SAVY PMY -03:00 S42 45.5 W065 06.2

Apt Administration 2965 451287.

**06/24** 8202' ASPHALT. PCN 44/R/B/W/T. RL.

Mon-Fri 1100-2359Z, Sat 1200-1800Z, Sun 1100-2000Z.

Fire 5 Mon-Fri 1100-2359Z, Sat 1200-1800Z, Sun 1100-2000Z.

**Punta Indio (Punta Indio Ns)**

52' SAAI -03:00 S35 21.2 W057 17.4

**05/23** 6955' ASPHALT. RL.

**07/25** 4593' ASPHALT.

**12/30** 3937' ASPHALT. LDA 12 2957'.

ATND SKD 1000-0100.

F-4, J.

ABN.

**Quilmes**

7' SADQ -03:00 S34 42.3 W058 14.7

Apt Administration (011) 42242596.

**17/35** 3281' DIRT.

ATND SKD Monday-Friday, 1100-1700Z.

Holding pattern will be East of runway center-line 18/36, and departures and take-off will take place in a manner to avoid overfly of populated areas.

Due to noise abatement procedures take-off from runway 36, and the landing runway 18.

Caution: Birds in vicinity of airport.

**Rafaela**

325' SAFR -03:00 S31 16.9 W061 30.1

Apt Administration (03492) 434013.

**01L/19R** 3632' DIRT.

Rwy 19R Right-Hand Circuit.

**01R/19L** 4518' CONCRETE. D-44, S 29.

Rwy 01R Right-Hand Circuit.

**06/24** 3606' DIRT.

Rwy 06 Right-Hand Circuit.

ATND SKD 30 min PNR.

F-4, Jet A-1.

Fire 4 Cat 4 O/R.

**Rauch**

308' RAU -03:00 S36 45.0 W059 04.0

Apt Administration (0249) 15-4582601.

**08/26** 3117' DIRT.

**18/36** 3445' DIRT.

**Rawson**

33' -03:00 S43 18.0 W065 04.0

Apt Manager 0965-81060.

**04/22** 3937' DIRT. RL.

Fire U.

**Reconquista**

161' SATR RCQ -03:00 S29 12.6 W059 40.8

Apt Administration 3482-438009.

**02/20** 4101' CONCRETE. D-146, DDT 505, DDW 220, S 97.

**10/28** 9186' CONCRETE. RL.

Rwy 10/28 Right-Hand Circuit.

1000-2200Z. ATND SKD 1000-2200Z.

CAUTION: Birds in vicinity of airport.

Use caution when operating on apron dueto missing guiding lines to the parking area.

Fuel available with one hour advance notice.

F-3, Jet A-1.

ABN. Fire 5.

**Resistencia (Aeroclub)**

164' RES -03:00 S27 37.9 W059 10.8



## ARGENTINA

Apt Administration (03722) 425370.

**01/19** 3839' DIRT.

F-3.

**Resistencia**

174' SARE RES -03:00 S27 27.0 W059 03.4

Apt Administration 0362 4442858, 0362

4446014, 4446009; aeroresisten-

cia@anac.gov.ar. ARO 0362 4436280. Ground

Services 0362 4421966, 154664561.

**03/21** 9088' CONCRETE. PCN 74/F/B/W/T.

TODA 03 11713'. TODA 21 9810'. RL. ALS 21.

H24. ATND SKD O/R 2 hr PNR. Customs: O/R  
2 hr PNR.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 7.

**Rio Chico see Rio Gallegos****Rio Colorado**

275' SAZQ -03:00 S38 59.7 W064 08.4

Apt Administration 54 0931 2712/2035.

**05/23** 4528' DIRT.

**11/29** 2231' DIRT.

F-2, F-4.

**Rio Cuarto (Area De Material)**

1381' SAOC RCU -03:00 S33 05.5 W064  
16.2

Apt Administration 0358 4979645.

**05/23** 7431' ASPHALT. S 123, D-159, T 251.  
RL.

**18/36** 6808' ASPHALT. S 77, D-101, T 168.

1000-2359Z ATND SKD 1000-2359Z.

F-3, Jet A-1.

Fire 5 1000-2359Z.

**Rio Cuarto**

1424' -03:00\* S33 10.0 W064 20.0

Apt Manager 0586-26297.

**01L/19R** 3051' ASPHALT.

**01R/19L** 2782' DIRT.

ATND SKD SR-SS.

**Rio Gallegos (Norberto Fernandez)**

62' SAWG RGL -03:00 S51 36.5 W069 18.8

Apt Administration 02966 442044, 02966

442340, 02966 442486; Fax 02966 442344.

**07/25** 11644' ASPHALT. PCN 64/R/C/W/T.

LDA 07 11401'. TODA 07 12595'. TODA 25

12628'. ASDA 25 12415'. RL.

H24. ATND SKD H24. Customs: O/R.

CAUTION: Birds in vicinity of airport.

CAUTION: Wild life in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 8.

**Rio Gallegos (Rio Chico)**

68' RGR -03:00 S51 40.1 W069 15.6

Apt Administration (02966) 424547.

**03/21** 4593' DIRT.

**08/26** 3937' DIRT.

Birds in vicinity of aerodrome.

**Rio Grande** Apt of Entry

65' SAWE RGA -03:00 S53 46.7 W067 45.0

Apt Administration (02964) 403299, (02964)  
431017.

**08/26** 6562' ASPHALT. PCN 54/R/C/W/T.

TODA 08 7218'. TODA 26 6890'. ASDA 08

7169'. ASDA 26 6726'. RL.

0900-0300Z. ATND SKD 0900-0300Z. Cus-  
toms: 0900-0300Z O/T O/R.

Caution: Birds in vicinity of airport.

Acraft weighing more than 20 tons only allowed  
180 deg at rwy end.

F-3, Jet A-1.

ABN. Fire 5.

**Rio Mayo**

1784' SAWM ROY -03:00 S45 42.2 W070

14.7

## ARGENTINA

Apt Operator (02903) 15 26422453.

**09/27** 4921' DIRT.

**Rio Tercero**

1246' RCR -03:00\* S32 10.4 W064 05.3

Apt Operator (03571) 423643.

**18/36** 3182' DIRT.

F-3.

**Rivadavia**

2162' RVD -03:00 S33 13.6 W068 28.4

Apt Administration (02623) 442989; Fax (02623) 442771.

**18/36** 3281' DIRT. RL.

The traffic pattern will be made exclusively to the east of rwy 18/36.

**Rojas**

19' RJA -03:00 S34 12.0 W060 40.0

Apt Administration (02474) 15662809.

**05/23** 3609' DIRT.

F-3.

**Rosario (Islas Malvinas) Apt of Entry**

85' SAAR ROS -03:00 S32 54.2 W060 47.1

Apt Administration 451 2997/3220/1226; Fax 451 3202. 480 7483.

**02/20** 9843' CONCRETE. PCN 62/R/B/W/U. TODA 02 10663'. TODA 20 10663'. RL.

H24. ATND SKD H24. Customs: Customs: 0800-1800Z; Immigration: H24.

CAUTION: Birds in vicinity of airport.

Twy DELTA linking South apron with TWY ALPHA 25' (7.5 M) wide surface. Daylight operations only.

Twy ECHO linking industrial with twy ALPHA. Daylight operations only.

South apron with 10 parking spots 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20 for aircraft 43' (13M) max wingspan wit autonomous entries and departures. Daylight operations only.

F-3, Jet A-1.

Fire 8.

**Rosario De La Frontera**

2746' FRO -03:00 S25 49.7 W064 58.1

Apt Administration (03876) 482019.

**07/25** 3419' DIRT.

**Rufino**

374' RUF -03:00 S34 17.0 W062 40.0

Apt Administration (011) 15-31310011, (02346) 15-656165.

**01/19** 2789' DIRT.

**09/27** 3970' DIRT.

**S C De Bariloche**

2762' SAZS BRC -03:00 S41 09.1 W071 09.5

Apt Administration 0294 4405016 ext 108. 0261156010078, 0294 15 4584212, 0294 15 4584462, 0294154572571, 0294154678875, 0294154678954, 0294154955724; aabadie@migraciones.gov.ar, aerocandelaria@afip.gov.ar, ccelse@afip.gov.ar, chermosilla@afip.gov.ar, jocampo@afip.gov.ar, mval@migraciones.gov.ar, sseonane@migraciones.gov.ar. Apt Manager 02944-405029, 02944-405030.

**11/29** 7703' ASPH/CONC. PCN 67/R/C/W/T. TODA 11 8524'. TODA 29 8524'. HIRL. HIALS 29.

1000-0100Z. ATND SKD O/R. Customs: O/R with 2 hrs PNR.

CAUTION: Birds in vicinity of airport.

Para gliders and gliders in vicinity of aerodrome.

F-3, Jet A-1.

ABN. Fire 8.

**S.A. Santiago Germano see San Rafael****Saavedra**

1040' DRA -03:00 S37 45.0 W062 20.1

**02/20** 3281' DIRT.

**ARGENTINA**

**06/24** 3281' DIRT.

F-2, F-4.

Fire U.

**Saladillo**

147' SDL -03:00 S35 36.6 W059 49.0

Apt Administration (02344) 450410.

**13/31** 3281' DIRT.

**18/36** 3934' CONCRETE. S 35, D-55.

F-3.

**Salta (Gen. Don Martin Miguel de Guem)**

4090' SASA SLA -03:00 S24 51.6 W065 29.2

Apt Administration (0387) 4375111/13, (54 0387) 4243115/2904/7356; Fax (0387) 4242104.

**02/20** 9806' ASPHALT. PCN 57/F/A/W/T. HIRL.

**06/24** 7874' ASPHALT. PCN 50/F/A/W/T. RL.

H24. ATND SKD H24. Customs: O/R.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 7.

**San Andres De Giles**

167' GIL -03:00 S34 28.2 W059 25.5

Apt Operator (02325) 443557.

**16/34** 3937' DIRT.

F-3.

**San Antonio Oeste (Antoine De Saint Exupery)**

85' SAVN OES -03:00 S40 45.0 W065 02.1

Apt Administration (02934) 15-26422497, (02934) 421329.

**12/30** 5906' ASPHALT. D-66, S 51.

ATND SKD Monday, Tuesday, Wednesday and Friday 1130-1900 UTC, Thursday 1130-2030 UTC, Saturday and Sunday no service.

**San Fernando (San Fernando Intl)**

11' SADP -03:00 S34 27.3 W058 35.5

Apt Administration 4714-7858/7859/7860; VUE-LOSNOCTURNOSSANFER-NANDO@ANAC.GOB.AR. 4519 9376, 4580 0262. ARO 4580 0261. Apt Manager 47146700, 4580-0264.

**05/23** 5545' ASPHALT. PCN 18/F/C/X/U. LDA 23 4642'. HIRL.

Rwy 23 Right-Hand Circuit.

H24. ATND SKD H24. Customs: H24.

CAUTION: Birds and animals in vicinity of airport.

Email coordination required for all night flight instruction operations.

F-3, Jet A-1.

ABN. Fire 5.

**San Juan (Domingo Faustino Sarmiento)**

1949' SANU UAQ -03:00 S31 34.3 W068 25.1

Apt Operator (0264) 4250400.

**18/36** 8071' ASPHALT. PCN 58/F/C/X/T. RL.

1000-2359Z. ATND SKD 1000-2359Z.

Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 7 1000-2359Z.

**San Juan**

2080' -03:00 S31 36.0 W068 33.0

Apt Manager 064-240219.

**18/36** 5413' ASPHALT.

F-2, F-4.

Fire U.

**San Julian (Cap. D. Jose D. Vasquez)**

203' SAWJ ULA -03:00 S49 18.4 W067 48.2

Apt Operator (02962) 15-24622455, (02962) 454141.

**07/25** 6562' CONCRETE. S 110, D-163, DT 254. LDA 07 5381'. LDA 25 4397'.

ATND SKD 0900-2400.

## ARGENTINA

VFR operations must comply with the provisions of Annex ALFA. Traffic pattern to the north of airport will be held at a minimum height 1000 FT.

**San Luis (Brig. Mayor D. Cesar Raul Ojed)**

2329' SAOU LUQ -03:00 S33 16.4 W066 21.4

Apt Administration 02652 422427.

**01/19** 9678' ASPHALT. PCN 36/F/B/W/T. RL.

Rwy 18/36 usable with caution due to accumulation of water during and after rains.

1000-2359Z ATND SKD 1000-2359Z.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 5 1000-2359Z.

**San Martin De Los Andes (Aviador C. Campos)**

2589' SAZY CPC -03:00 S40 04.5 W071 08.2

Apt Administration (02972) 428398.

**06/24** 8202' ASPHALT. PCN 38/F/B/X/T. RL.

ATND SKD 1200-2100Z.

Proceed with care by concentrating birds.

F-3, Jet A-1.

Fire 6.

**San Martin De Los Andes**

2297' -03:00 S40 05.0 W071 16.0

Apt Manager 0944-7171.

**04/22** 3937' DIRT.

Fire U.

**San Nicolas De Los Arroyos**

98' SNY -03:00 S33 23.4 W060 11.7

Apt Administration (03461) 436470.

**09/27** 2654' DIRT.

**18/36** 3543' ASPHALT. D-66, S 51.

F-3.

**San Pedro**

88' PED -03:00 S33 42.2 W059 43.5

Apt Operator (03329) 425718.

**01/19** 3084' DIRT.

**10/28** 3084' DIRT. RL.

Portable lights available.

**San Rafael (S.A. Santiago Germano)**

2467' SAMR AFA -03:00 S34 35.3 W068 24.2

Apt Administration 02627 421693.

**11/29** 7719' ASPHALT. S 82, D-106, T 170. LDA 11 7407'. LDA 29 7208'. RL.

1000-2359Z ATND SKD 1000-2359Z.

Jet A-1.

Fire 5 1000-2359Z.

**Santa Cruz**

364' SAWU RZA -03:00 S50 01.1 W068 34.8

Apt Administration (0962) 98110.

**07/25** 6562' ASPHALT. D-55, DDW 88, S 44. LDA 07 6234'. RL.

ATND SKD 1100-2100 Mon-Fri, closed Sat-Sun.

**Santa Fe (Sauce Viejo)**

59' SAAV SFN -03:00 S31 42.6 W060 48.7

Apt Administration 54 342 4995065.

**03/21** 7628' ASPHALT. PCN 53/F/C/X/T. HIRL.

1000-0100Z ATND SKD 1000-0100Z.

Birds in vicinity of airport.

Autonomous entry at standard reduced speed to parking gate, with marshalling assistance. Entry into parking gate as directed by tower.

Exit from gates shall be possible in all cases by using the aircraft ownpower, with marshalling assistance whenever necessary.

F-3, Jet A-1.

Fire 6 1000-0100Z.

**ARGENTINA**
**Santa Rosa**

623' SAZR RSA -03:00 S36 35.3 W064 16.5  
Apt Administration 02954 426664, 02954 433814.

**01/19** 7546' ASPHALT. D-112, T 179, S 86. RL.  
1000-2359Z.

F-4, Jet A-1.

Fire 5 1000-2359Z.

**Santa Teresita**

9' SAZL SST -03:00 S36 32.5 W056 43.3

Apt Administration (02246) 420346.

**17/35** 4921' ASPHALT. S 51, D-66, T 104. RL.

ATND SKD 1100-1700 Mon-Fri.

CAUTION: Birds in vicinity of airport. Night operations are prohibited.

F-4.

**Santiago Del Estero (Termas de Rio Hondo)**

920' SANR RHD -03:00 S27 29.8 W064 56.2

Apt Operator 03858 427234.

**01/19** 8202' ASPHALT. PCN 35/F/B/X/U/. MIRL.

1000-2359Z. ATND SKD 1000-2359Z.

Fire 6 1000-2359Z.

**Santiago Del Estero (Vcom Angel D. La Paz Aragonez)**

659' SANE SDE -03:00 S27 45.9 W064 18.6

Apt Administration 0385 4340710, 0385 4343736.

**03/21** 7989' ASPHALT. DT 335, S 157, D-212. RL.

1000-2359Z. ATND SKD 1000-2359Z.

Movement not allowed from a position on the apron without authorization from TWR.

Aircraft of type B-757-200, MD-80 or a similar size must enter the apron from the main twy.

When an aircraft is in the PSN NR 1, movement of small-sized aircraft to or from the sector

100-LL fuel may not be authorized.

F-3, Jet A-1.

Fire 6 1000-2359Z.

**Sauce Viejo see Santa Fe**
**Sierra Grande**

689' SAVS SGV -03:00 S41 35.5 W065 21.0

Apt Administration (0934) 82015.

**02/20** 4593' DIRT.

ATND SKD 1100-1700 Mon-Fri, Sat-Sun and Holidays closed.

**Sta. Rosa de Conlara see Valle del Conlara**
**Sub Aux Miguel A Cardone see Villa Canas**
**Sunchales (Sunchales Aeroclub)**

299' SAFS -03:00 S30 57.4 W061 31.7

Apt Administration (03493) 15-456221.

**11/29** 6562' CONCRETE. PCN 13/R/B/W/U. LDA 11 5807'. ALS 29.

F-3.

**Tandil (Heroes de Malvinas)**

576' SAZT TDL -03:00 S37 14.1 W059 13.7

Apt Administration 02293 440043.

**01/19** 8366' CONCRETE. D-157, S 123, DDT 540. RL.

ATND SKD 1000-2359Z.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

Fire 5.

**Tartagal (GEN E Mosconi)**

1473' SAST -03:00 S22 37.1 W063 47.6

Apt Administration (0387) 4375112.

**02/20** 8202' ASPHALT. D-90, S 73, DT 134.

ATND SKD 1000-2200 UTC.

Birds in vicinity of AD.

F-3, Jet A-1.

**ARGENTINA**
**Termas de Rio Hondo see Santiago Del Estero**
**Trelew (Aeroclub)**

127' TRW -03:00 S43 14.0 W065 19.0

Apt Administration (02965) 423618.

**08/26** 5413' ASPHALT.

**Trelew (Almirante Zar)**

115' SAVT REL -03:00 S43 12.6 W065 16.2

On Call Customs: 02965-471090/474261,

Immigration: 02965-421347. Apt Manager Mobile 0280 15 4421347, 0280 15 4673913.

**07/25** 8399' ASPHALT. PCN 62/R/B/X/T. HIRL. HIALS 25.

H24. ATND SKD H24. Customs: O/R 24 Hrs PPR.

CAUTION: Animals and birds in vicinity of airport.

Acraft code C 180 Deg turns are prohibited at rwy ends.

For acft code C, takeoffs from rwy 25 and landings on rwy 07, access via twy Charlie only.

F-3, Jet A-1.

Fire 7.

**Trenque Lauquen (Nanco Lauquen)**

301' TQL -03:00 S35 58.2 W062 46.3

Apt Operator (02392) 422398; Fax (02392) 422395, (02392) 425835.

**02/20** 3934' ASPHALT. D-66, DT 104, S 51.

VFR OPS must comply with the provisions of Annex ALFA.

F-3.

Fire U.

**Tres Arroyos**

400' SAZH OYO -03:00 S38 23.1 W060 19.6

Apt Administration (02983) 15524220, (02983) 424110.

**04/22** 2461' DIRT.

**14/32** 2953' DIRT.

**18/36** 3934' CONCRETE. D-66, T 104, S 44. F-2.

**Tucuman (Benjamin Matienzo)**

1494' SANT TUC -03:00 S26 50.3 W065 06.3

Apt Administration 0381 426 5072; Fax 0381 426 4906. ARO 0381 426 0756. Apt Operator 0381 426 0636.

**02/20** 11483' CONCRETE. PCN 82/R/B/W/T. RL. HIALS 02.

H24. ATND SKD H24. Customs: O/R.

CAUTION: Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 7.

**Ushuaia (Malvinas Argentinas) Apt of Entry**

102' SAWH USH -03:00 S54 50.6 W068 17.7

Apt Administration (02901) 421726. (02901) 422334, (02901) 423593, (02901) 424652, (02901) 437718. ARO (02901) 421007. ATC (02901) 423346. Apt Manager (02901) 15-617289.

**07/25** 9186' CONCRETE. PCN 54/R/A/W/U. TORA 25 9560'. LDA 07 8596'. LDA 25 8661'. TODA 07 9678'. TODA 25 10052'. ASDA 07 9560'. ASDA 25 9856'. RL.

0900-0300Z. ATND SKD 0900-0300Z. Customs: Customs MON- FRI 1000-2200Z, SAT-SUN-HOL O/R. Immigration O/R.

CAUTION: Birds in vicinity of airport. Airport can not be used as an alternate international airport. Night operations restricted to RWY 25 until further notice due to obstacle Cerro Susana not marked.

Jet A-1.

ABN. Fire 9.

**Valcheta**

629' VAL VCF -03:00 S40 40.9 W066 10.6

**ARGENTINA**

Apt Operator (02934) 493163.

**09/27** 3117' DIRT.

**Valle del Conlara (Sta. Rosa de Conlara)**

2020' SAOS -03:00 S32 23.1 W065 11.1

Apt Operator 2656 481180.

**02/20** 8366' CONCRETE. PCN 40/R/C/W/T.

1100-2300Z. ATND SKD 1100-2300Z.

Fuel Jet-A 5 days PNR.

Jet A.

Fire 4 1100-2300Z.

**Vcom Angel D. La Paz Aragonese see  
Santiago Del Estero**

**Vedia**

291' VDA -03:00 S34 29.2 W061 29.4

Apt Administration (02354) 420215.

**09/27** 2828' DIRT.

**17/35** 3314' DIRT.

F-3.

**Venado Tuerto**

367' VNO -03:00 S33 40.7 W061 57.3

Apt Operator (03462) 436375.

**03/21** 4921' ASPHALT. S 29, D-37.

Rwy lights available. Contact airport.

F-3, Jet A-1.

**Vera**

190' VER -03:00 S29 28.1 W060 13.5

Apt Administration H24 (03483) 421374.

**03/21** 3937' DIRT.

F-2.

Fire U.

**Veronica**

56' -03:00 S35 24.0 W057 22.0

**02/20** 4757' DIRT.

**14/32** 2625' DIRT.

F-2, F-4.

**Viedma (Gobernador Castello)**

20' SAVV VDM -03:00 S40 52.2 W062 59.8

Apt Administration 02920 424416.

**02/20** 4780' ASPHALT. S 51, D-64, T 104. RL.

**11/29** 8366' ASPHALT. D-207, T 331, S 132. RL.

ATND SKD 0900-2359Z.

CAUTION: Birds in vicinity of airport.

F-2, F-3, F-4, Jet A-1, JP-4.

ABN. Fire 6.

**Villa Angela**

246' VAN -03:00 S27 35.7 W060 40.9

Apt Operator (03735) 422063.

**13/31** 3937' DIRT.

Contact airport for runway lights availability.

F-2.

Fire U.

**Villa Canas (Sub Aux Miguel A Cardone)**

338' -03:00 S33 59.0 W061 37.0

**14/32** 3609' DIRT.

F-2, F-4.

**Villa Del Rosario**

830' VDR -03:00\* S31 34.8 W063 32.3

Apt Operator (03573) 422514.

**18/36** 3937' DIRT. Rwy 18 Landing not allowed.

Rwy 36 Takeoff not allowed.

Maximum TPA 1500' to remain below the TMA; exceptions require a transit permit from the appropriate air traffic control.

VFR OPS must comply with the provisions of Annex BRAVO.

Fire U.

**Villa Dolores**

1847' SAOD VDR -03:00 S31 56.8 W065 08.8

Apt Administration (0544) 420151.

**17/35** 4593' ASPHALT. LDA 35 4101'.

## ARGENTINA

**Villa Gesell**

32' SAZV VLG -03:00 S37 14.1 W057 01.7

Apt Operator (02255) 458345.

**11/29** 5709' ASPHALT. D-106, T 170, S 82. RL.

ATND SKD 0900-2359Z.

CAUTION: Birds in vicinity of airport.

F-3.

Fire 1.

**Villa Ocampo**

160' VPO -03:00 S28 29.0 W059 20.0

Apt Operator (03482) 466344; Fax (03482)  
466395.

**18/36** 4199' DIRT.

F-3, Jet A-1.

**Villa Regina**

934' VRG -03:00 S39 04.5 W067 04.7

Apt Operator (02941) 48541.

**08/26** 5906' DIRT.

**17/35** 3445' DIRT.

F-3.

**Villa Reynolds**

1591' SAOR -03:00 S33 43.5 W065 22.7

Apt Administration (02657) 423021, (02657)  
445600; Fax (02657) 420151.

**06/24** 7874' ASPHALT. S 143, D-176, T 298.  
RL.

**10/28** 7874' ASPHALT. S 77, D-99, T 157. RL.

1000-2359Z ATND SKD 1000-2359Z.

CAUTION: Birds in vicinity of airport.

F-2, F-4, Jet A-1, JP-4.

Fire 4.

**Zapala**

3556' SAHZ APZ -03:00 S38 58.5 W070  
06.8

Apt Administration (02942) 431496.

**09/27** 7218' ASPHALT. DDT 229, S 112,  
D-143.

**Zarate**

85' ATE -03:00 S34 07.0 W059 04.9

Apt Administration (03487) 446111.

**01/19** 3937' DIRT.

**09/27** 4429' DIRT. LDA 27 3937'.

Caution: Regular activity, gliders towed to 2000  
ft. Glider general call frequency 123.00 MHz.

F-2, F-4.

Fire U.



**BOLIVIA**

**Alcantari see Sucre**

**Apiaguaiki Tumpa see Monteagudo**

**Apolo**

4642' SLAP APB -04:00 S14 44.1 W068 24.7

**18/36** 4265' CLAY.

**Ascencion De Guarayos**

801' SLAS -04:00 S15 55.8 W063 09.4

**17/35** 4593' CLAY/GRAS.

ATND SKD SR-SS.

**Bermejo**

1260' SLBJ BJO -04:00 S22 46.2 W064 18.7

**01/19** 4921' ASPHALT. PCN 23/F/B/X/T.

ATND SKD SR-SS.

**Camiri**

2618' SLCA CAM -04:00 S20 00.4 W063 31.8

Apt Administration 9522000.

**16/34** 3839' GRAVEL.

ATND SKD SR-SS.

Jet A-1.

**Cap Av Civ Anibal Arab Fadul see Cobija**

**Cap De Av Selin Zeitun Lopez see Riberalta**

**Cap German Quiroga G see San Borja**

**Cap. Av. Vidal Villagomez see Vallegrande**

**Capt Oriel Lea Plaza Intl see Tarija**

**CAPT. Nicolas Rojas see Potosi**

**Charana**

13294' SLCN -04:00 S17 35.7 W069 26.0

**10/28** 6683' CLAY/SAND.

ATND SKD SR-SS.

**Cobija (Cap Av Civ Anibal Arab Fadul)**

804' SLCO CIJ -04:00 S11 02.4 W068 47.0

Apt Administration 3 8422260, 3 8423850, 3 8424473, 3 8424478.

**02/20** 6562' BITUMEN. PCN 48/F/C/X/T. RL.

SR-SS. Night OPS O/R. ATND SKD SR-SS.

Customs: SR-SS

Birds in vicinity of airport

100 octane, Jet A-1.

Fire 5.

**Cochabamba (Chimore)**

752' SLHI -04:00 S16 58.7 W065 08.7

**17/35** 13123' PAVED.

Mon, Tue, Thu 1100-1900Z. Wed, Fri 1600-2300. Sat O/R. Sun 2000-2300. Night operations O/R.

Fire 5.

**Cochabamba (Jorge Wilstermann Intl)** Apt of Entry

8360' SLCB CBB -04:00 S17 25.1 W066 10.6

Apt Administration (591) 4 4591731; Fax (591) 4 4590106. Ground Services (591) 4 4120353, (591) 4 44120334; Mobile (591) 4 68584426; satchb@sabsa.aero.

**04/22** 8694' CONCRETE. PCN 41/F/B/X/U. TORA 04 4869'. TORA 22 8497'. LDA 22 7963'. HIRL.

**14/32** 12467' ASPHALT. PCN 48/F/B/X/T. TORA 14 12139'. TORA 32 11680'. LDA 14 12139'. LDA 32 11483'. TODA 14 12139'. ASDA 14 12139'. HIRL. ALS 32.

ATND SKD H24. Customs: Customs: Monday-Sunday 1000-0200. Immigration: Monday-Sunday 1000-0200.

Birds in the vicinity of airport.

F-4, Jet A-1.

ABN. Fire 9.

**BOLIVIA**
**Concepcion**

1654' SLCP CEP -04:00 S16 08.3 W062 01.7

**17/35** 5653' DIRT.

ATND SKD SR-SS.

High terrain west of airport.

**Copacabana**

12595' SLCC -04:00 S16 11.3 W069 05.5

**06/24** 5210' CLAY/GRAS.

**El Alto Intl see La Paz**

**El Trompillo see Santa Cruz**

**Guayaramerin (Guayaramerin Intl)**

459' SLGM -04:00 S10 53.3 W065 22.9

Apt Administration (591) 3 38553943, 3 8554823.

**16/34** 5768' ASPHALT.

SR-SS ATND SKD SR-SS. Customs: O/R.

Air ambulance, international private flights, humanitarian aid, ferry flight ops allowed O/R.

100 octane, Jet A-1.

**Jorge Henrich Intl see Trinidad**

**Jorge Wilstermann Intl see Cochabamba**

**Juan Mendoza see Oruro**

**La Joya Andina see Uyuni**

**La Paz (El Alto Intl)** Apt of Entry

13314' SLLP LPB -04:00 S16 30.7 W068 11.5

Apt Administration (591) 2 2157302; Fax (591) 2 2157400.

**10/28** 13124' CONCRETE. PCN 41/R/A/X/U. TODA 10 13944'. TODA 28 14436'. HIRL.

H24 ATND SKD H24. Customs: H24.

Birds in vicinity of airport.

Ascent of radiosonde balloon from coordinates S 16 30 45 W 068 11 32 with 5 NM radius up to

a height of 18000ft MSL between 1200-1240Z and 1600-1800Z.

F-4, Jet A-1.

Fire 7.

**Laja**

12106' SLLJ -04:00 S16 32.0 W068 18.0

**08/26** 4921' DIRT.

ATND SKD SR-SS.

**Magdalena**

463' SLMG MGD -04:00 S13 15.5 W064 03.7

**16/34** 4449' GRASS.

1000-2300Z.

**Monteagudo (Apiaguaiki Tumpa)**

3671' SLAG MHW -04:00 S19 49.3 W063 57.7

**16/34** 6562' PAVED.

Mon-Fri, 1130-1500Z and 1730-2100Z. Sat, 1130-1700Z. Sun, O/R.

Fire 5.

**Oruro (Juan Mendoza)**

12165' SLOR ORU -04:00 S17 57.3 W067 04.5

Apt Administration 591-2-5278333.

**01/19** 13123' ASPHALT. LDA 01 12467'. Rwy 01 Takeoff not allowed. Rwy 19 Landing not allowed.

1000-2300Z.

Jet A-1.

Fire 6.

**Potosi (CAPT. Nicolas Rojas)**

12923' SLPO -04:00 S19 32.5 W065 43.4

**06/24** 9212' ASPH/CONC. PCN 34/F/B/X/T.

Mon-Fri, 1130-1500Z, 1730-2100Z; Sat 1130-1700Z and Sun O/R. ATND SKD Mon-Fri, 1130-1500Z, 1730-2100Z; Sat 1130-1700Z and Sun O/R.

## BOLIVIA

Jet A-1.

Fire 6.

**Puerto Suarez (Tte. Av. Salvador Ogaya G.**

**Int)** Apt of Entry

440' SLPS PSZ -04:00 S18 58.5 W057 49.2

Apt Administration (591) 3 9762022.

**05/23** 6562' ASPHALT. PCN 37/F/A/X/T. TODA 05 7546'. TODA 23 8465'. ASDA 05 6759'. ASDA 23 6759'.

1000-2300Z. ATND SKD SR-SS. Customs: O/R.

CAUTION: RWY 23 takeoff and landings restricted to aircraft B727-200 due to univen runway surface.

CAUTION: High terrain south of airport.

Night operations available O/R.

Concentration of birds in movement area dispersing with petards.

Category 4 fire protection available during airport hours only.

F-4, Jet A-1.

ABN. Fire 4 SR-SS.

**Rafael Pabon see Villamontes****Reyes**

597' SLRY REY -04:00 S14 18.2 W067 21.2

**01/19** 4593' DIRT. LDA 01 3281'.

ATND SKD SR-SS.

CAUTION: High terrain south of airport.

**Riberalta (Cap De Av Selin Zeitun Lopez)**

463' SLRI RIB -04:00 S11 00.6 W066 04.4

Apt Administration 38522350. 38522350.

**14/32** 5741' PAVED. PCN 23/F/B/Y/U.

SR-SS. ATND SKD 1100-2200Z.

100 octane, Jet A-1.

Fire 5.

**Robore**

909' SLRB RBO -04:00 S18 19.7 W059 45.9

**18/36** 3940' DIRT.

ATND SKD SR-SS.

**Rurrenabaque**

666' SLRQ RBQ -04:00 S14 25.6 W067 29.8

**14/32** 4921' ASPHALT.

SR-SS.

**San Borja (Cap German Quiroga G)**

633' SLSB SRJ -04:00 S14 51.5 W066 44.3

Apt Administration 38952607-38952585; Fax 38952087.

**01/19** 5906' DIRT. RL.

SR-SS.

High terrain South and West of airport.

Night operations authorized for Rwy 01/19 only for takeoffs.

Fire N.

**San Ignacio De Moxos**

525' SLSM SNM -04:00 S14 57.9 W065 38.0

**15/33** 6562' DIRT.

ATND SKD SR-SS.

**San Ignacio De Velasco (Cap. Av. Juan Cochamanidis San)**

1358' SLSI SNG -04:00 S16 23.1 W060 57.7

**18/36** 3937' DIRT.

ATND SKD SR-SS.

**San Javier**

1749' SLJV SJV -04:00 S16 16.2 W062 28.2

**01/19** 4856' DIRT.

ATND SKD SR-SS.

**San Joaquin**

456' SLJO SJB -04:00 S13 03.9 W064 40.5

**17/35** 4921' DIRT.

ATND SKD SR-SS.

## BOLIVIA

**San Jose De Chiquitos**

942' SLJE -04:00 S17 49.8 W060 44.6

**18/36** 3937' DIRT.

ATND SKD 1030-2200Z.

**San Matias**

407' SLTI -04:00 S16 20.3 W058 24.1

**03/21** 6234' GRAVEL.

ATND SKD SR-SS.

**San Ramon**

459' SLRA SRD -04:00 S13 15.8 W064 36.2

**16/34** 6234' SAND/CLAY.

ATND SKD SR-SS.

**Santa Ana del Yacuma**

476' SLSA -04:00 S13 45.7 W065 26.1

4842200.

**15/33** 4984' CONCRETE.

SR-SS. ATND SKD SR-SS.

Aircraft AUW of 50000lbs (22680kg) or greater restricted from using rwy 15/33.

**Santa Cruz (El Trompillo)**

1371' SLET SRZ -04:00 S17 48.7 W063 10.2

Apt Administration Fax 3526600, 3529491, 3533472.

**15/33** 9098' ASPHALT. PCN 48/F/C/X/U. LDA 15 8159'. LDA 33 8199'. ASDA 33 9295'. RL.

ATND SKD SR-SS.

F-4, Jet A-1.

Fire 7.

**Santa Cruz (Viru Viru Intl)** Apt of Entry

1224' SLVR VVI -04:00 S17 38.8 W063 08.3

Apt Administration 3 3385000; Fax 3 3385514; webmaster@sabsa.aero.

**16/34** 11483' CONCRETE. PCN 57/R/B/X/T. TODA 16 14272'. TODA 34 14272'. HIRL. MIALS 16. HIALS 34.

ATND SKD H24. Customs: H24.

Birds in vicinity of airport.

Jet A-1.

ABN. Fire 9.

**Santa Rosa del Yacuma**

538' SLSR -04:00 S14 04.5 W066 47.2

**01/19** 4593' DIRT. MTOW-17.**Sucre (Alcantari)**

10184' SLAL -04:00 S19 14.3 W065 08.9

Apt Administration 71563199.

**18/36** 11811' PAVED. RL.

SR-SS. Night OPS O/R. ATND SKD SR-SS. Night OPS O/R.

Air ambulance, international private flights, humanitarian aid, ferry flight ops allowed O/R.

Jet A-1.

ABN. Fire 7.

**Tarija (Capt Oriel Lea Plaza Intl)**

6095' SLTJ TJA -04:00 S21 33.1 W064 42.5

Apt Administration 4 6643342, 4 6661672; Fax 4 6661672.

**13/31** 10007' PAVED. PCN 48/F/C/X/T. TORA 13 8793'. TORA 31 8793'. LDA 13 8793'. LDA 31 8793'. TODA 13 8793'. TODA 31 8793'. ASDA 13 8793'. ASDA 31 8793'. RL.

1000-2300Z. Night Ops O/R. ATND SKD 1000-2300Z. Night Ops O/R. Customs: O/R.

100 octane, Jet A-1.

ABN. Fire 7 1000-2300Z. Night Ops O/R.

**Trinidad (Jorge Henrich Intl)** Apt of Entry

509' SLTR TDD -04:00 S14 49.2 W064 55.1

Apt Administration 3 4620370, 3 4620566; Fax 3 4620566.

**14/32** 7874' ASPHALT. PCN 54/F/A/X/T. ASDA 14 8366'. HIRL.

0900-2300Z O/T O/R. ATND SKD 1100-2200Z. Customs: Immigration on request.

CAUTION: Birds in vicinity of Rwy 14/32 and airport.

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**BOLIVIA**

Landing Rwy 32 due to metallic mast of 131 ft Jet A-1.  
(40M) height, located at 0.7NM (1250M) from Fire 5 SR-SS.  
threshold Rwy 32 without markings or lights.

F-4, Jet A-1.

ABN. Fire 7 0900-2300Z O/T O/R.

**Tte. Av. Salvador Ogaya G. Intl see Puerto Suarez**

**Uyuni (La Joya Andina)**

12024' SLUY -04:00 S20 26.5 W066 51.5

Apt Administration 68226882.

**13/31** 13123' PAVED.

1000-1900Z. 1900-2000Z O/R. NIGHT OPS  
O/R.

Airport does not have fuel services.

ABN. Fire 7.

**Vallegrande (Cap. Av. Vidal Villagomez)**

6555' SLVG VAH -04:00 S18 28.9 W064  
06.0

**01/19** 3927' DIRT.

ATND SKD SR-SS.

**Villamontes (Rafael Pabon)**

1319' SLVM VLM -04:00 S21 15.2 W063  
24.4

**18/36** 4918' ASPHALT. PCN 23/F/B/X/T.

Mon-Fri 1100-2000Z. Sat 1100-1800Z. Sun  
O/R.

Fire N.

**Viru Viru Intl see Santa Cruz**

**Yacuiba**

2121' SLYA BYC -04:00 S21 57.0 W063  
39.2

Apt Administration (591) 4 6823399.

**03/21** 6890' PAVED. PCN 48/F/C/X/T. TODA  
21 7546'. ASDA 03 7087'. ASDA 21 7185'.

SR-SS. ATND SKD SR-SS. Customs: O/R.

Air ambulance, international private flights,  
humanitarian aid, ferry flight ops allowed O/R.

## BRAZIL

**Abaete**

2178' -04:00\* S19 09.4 W048 29.7

**17/35** 3937' ASPHALT. AUW-13.

ATND SKD SR-SS.

**Abaete**

2178' SNLI -03:00\* S19 09.4 W045 29.7

**17/35** 3937' ASPHALT.

SR-SS.

**Abare**

955' SDLI -03:00 S08 44.3 W039 07.5

**12/30** 3937' ASPHALT. PCN 8/F/B/Y/U.

ATND SKD H24.

**Acu**

364' SNUC -03:00 S05 35.7 W036 57.6

**11/29** 4921' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

**Adamantina (Everaldo Moraes Barreto)**

1394' SDAD -03:00\* S21 41.8 W051 05.8

**09/27** 3773' ASPHALT. AUW-11/0.5000 MPa.

ATND SKD SR-SS.

Traffic circuit for landing on Rwy 27 only by sector S.

**Aeroclube see Passo Fundo****Aeroclube de Rondonia see Porto Velho****Afonso Pena Intl see Curitiba****Alberto Alcolumbre Intl see Macapa****Alegrete (Alegrete Novo)**

459' SSLT -03:00\* S29 48.7 W055 53.5

**14/32** 3937' ASPHALT. PCN 6/F/B/X/T.

SR-SS.

Rwy 14/32 closed to jet aircraft.

**Alfenas**

2884' SNFE -03:00\* S21 25.9 W045 56.0

Apt Operator (35) 3292-3422.

**04/22** 5249' ASPHALT. PCN 8/F/C/Y/U. RL.

ABN.

**Almeirim**

584' SNYA -03:00\* S01 28.7 W052 34.7

**06/24** 3937' GRAVEL. PCN 7/F/B/Y/U.

SR-SS.

**Almeirim (Monte Dourado)**

676' SBMD MEU -03:00 S00 53.4 W052 36.1

(93) 3603-1121.

**08/26** 5906' ASPHALT. PCN 25/F/A/X/T. RL.

ABN. Fire N.

**Almenara (Cirilo Queiroz)**

640' SNAR AMJ -03:00\* S16 11.0 W040 40.0

**07/25** 4593' ASPHALT. PCN 8/F/B/Y/U.

ABN.

**Alta Floresta (Piloto Osvaldo Marques Dias)**

948' SBAT AFL -04:00\* S09 52.0 W056 06.3

**04/22** 8202' ASPHALT. PCN 29/F/C/X/U. RL.

ATND SKD 0930-2130Z.

CAUTION: Birds in vicinity of airport.

F-4, J.

ABN. Fire 5.

**Altamira**

367' SBHT ATM -03:00 S03 15.0 W052 15.1

(93) 3515-1393. Ground Services (93) 3515-7417, (93) 3593-0472.

**07/25** 6572' ASPHALT. PCN 36/F/A/X/T. RL.

ATND SKD Mon-Fri: 1100-1500Z, 1700-2100Z.  
Sat: 1100-1500Z. O/T O/R.

Birds in vicinity of airport.

Wildlife in vicinity of airport.

180 degree turn for medium and large aircraft in turn pad only THR 07/25.

J.

**BRAZIL**

ABN. Fire 5.

**Alto Paraíso**

4413' SDXF -03:00\* S14 07.1 W047 31.8  
**09/27** 3543' ASPHALT. AUW-13/0.5000 MPa.  
 SR-SS.

**Amarais see Campinas**
**Americana**

2005' SDAI -03:00\* S22 45.3 W047 16.1  
 Apt Administration (62) 3316-0388; On Call (19)  
 3467-2368.

**12/30** 3609' ASPHALT. PCN 9/F/B/X/T.

Rwy 30 Right-Hand Circuit.

ATND SKD 1100-2100Z.

When night beacon is requested, it will be  
 turned on 60 minutes before the arrival and 60  
 minutes after the departure - Tel O/R.

F-4, J.

ABN.

**Anapolis**

3647' SWNS APS -03:00\* S16 21.7 W048  
 55.7

Apt Operator (62) 3316-0388.

**07/25** 6043' ASPHALT. PCN 30/F/C/X/U. RL.

1000-0100Z. O/T O/R via TEL (30min PPR).

Traffic pattern to the SE of the aerodrome only.

F-4, J.

ABN.

**Anapolis (Base Aerea)**

3729' SBAN Mil. -03:00\* S16 14.3 W048  
 58.3

Apt Administration (62) 310-4167. ATS (62)  
 3329-7705.

**06L/24R** 10827' ASPHALT. PCN 66/F/B/X/T.  
 ASDA 06L 11972'. ASDA 24R 11972'. RL.  
 MIALS 24R.

**06R/24L** 7326' ASPHALT. PCN 39/F/B/X/T.  
 RL.

ATND SKD H24.

Birds (Vultures) in vicinity of airport, especially  
 near Rwy 06 sectors.

Use of this air base for civil users is by prior  
 permission only from aeronautical authority.

Aircraft taking off within the lateral limits of  
 Anapolis TMA shall provide a flight plan to  
 either Goiana or Anapolis AIS.

F-4, Jet A.

ABN. Fire 5.

**Andira**

1607' SSAN -03:00\* S23 01.6 W050 13.7

**09/27** 3281' ASPHALT. AUW-12/0.5000 MPa.

ATND SKD SR-SS.

TFC circuit shall be carried out only by the  
 RWY SECT "S" (urban area).

F-4, J.

**Andradina**

1246' SDDN -03:00\* S20 55.5 W051 23.0

**11/29** 4921' ASPHALT. PCN 12/F/B/Y/T.

ATND SKD SR-SS.

Traffic pattern to take place south of the airport,  
 to avoid overflight of urban area.

F-4, J.

ABN.

**Angelo Ponzoni see Videira**
**Apucarana**

2641' SSAP APU -03:00\* S23 36.7 W051  
 23.1

**10/28** 4593' ASPHALT. PCN 9/F/C/Y/U. RL.

ABN.

**Apui (PRAINHA)**

197' SWYN -04:00 S07 10.3 W059 50.3

**08/26** 3937' ASPHALT. PCN 12/F/B/Y/U.

ATND SKD SR-SS.

## BRAZIL

**Aracaju (Santa Maria Intl)** Apt of Entry

23' SBAR AJU -03:00\* S10 59.1 W037 04.4

Apt Administration (79) 3212-8500; Fax (79) 3212-8540. (79) 3212-8557, (79) 3243-1473, (79) 98102-2204, (81) 2129-8093, (81) 2129-8094; aeroportodearacaju@infraero.gov.br.

**12/30** 7218' ASPHALT. PCN 48/F/B/X/T. TORA 12 6923'. TORA 30 6923'. LDA 12 6923'. LDA 30 6923'. TODA 12 6923'. ASDA 12 6923'. ASDA 30 6923'. MIRL.

H24. ATND SKD H24. Customs: Federal Police: O/R with 24hr. Regional Customs: H24. When on approach to Rwy 12 do not confuse Rwy lights with avenue approximately 4265' (1300 m) right of runway centerline.

Engine runup in front of the tower and at any place between 0100 and 0900Z is prohibited.

Restriction to Acft classes and types: Acft w/o radio eqpt, gliders, Acft w/o transponder or inop transponder, powered ultralights.

Restriction to air services: object launching or pulverizing, Acft pushback ops, parachute launching, acrobatic flt.

Ops and stay of GA Acft military Acft and air taxi Acft 48 hrs PPR by telephone or email to coordinate parking.

Noise abatement for jet aeroplanes irrespective of weight and for propeller and turboprop aeroplanes with MTOM of or above 24251 lbs (11000Kg).

For noise abatement procedures, aircraft causing a noise level above that allowed are those that do not comply with the limits included in the Chapter 3, Annex 16, ICAO, and also those included in the AIP MAP.

The exit procedures must be according to the prescribed at the Standard Instrument Departure Charts - SID included at the location.

The AD can be regularly used by any Acft compatible with RCD 4C or lower.

Transmission of flight plan and updates by radio is prohibited.

180° turnaround for Acft (wingspan for FOKKER 100, Boeing 737 or greater) at threshold only.

F-4, Jet A-1.

ABN. Fire 7.

**Aracati**

118' SBAC -03:00 S04 34.1 W037 48.3

Apt Administration (37)99840-0415, (88)98129-0724. ATC (88) 98109-2446, (88) 99748-8962. Ground Services On Call (84) 4141-2252, (84) 98733-2513, (88) 99624-2850.

**09/27** 5906' ASPHALT. PCN 36/F/A/X/U. RL.

1100-2100Z. O/T O/R - 1 HR in advance. ATND SKD Mon-Fri, 1100-1500Z, 1600-2000Z, O/T O/R.

Jet A-1.

ABN. Fire 5 1500-2100Z.

**Aracatuba**

1362' SBAU -03:00\* S21 08.6 W050 25.6

(18) 3623-3108. Ground Services On Call (18) 3623-1743, (18) 3624-6157, (18) 9712-1736, (18) 9754-5722.

**05/23** 6955' ASPHALT. PCN 26/F/A/X/T. RL.

ATND SKD 0930-2230Z; O/T O/R.

F-4, J.

ABN. Fire N.

**Aracuai**

1181' SNUI -03:00 S16 51.1 W042 02.8

**08/26** 3937' ASPHALT. PCN 10/F/B/Y/T.

SR-SS.

OBS unmarked high tension lines, distance 1968 ft (600M) to 6562 ft (2000M) THR26, diagonal to Rwy Elev varying from 1214 ft to 1348 ft.



## BRAZIL

**Aragarcas**

1060' SJVO ARS -03:00\* S15 53.9 W052 14.7

**10/28** 3314' ASPHALT. PCN 14/F/B/X/U.

SR-SS. ATND SKD SR-SS.

F-4, J.

**Araguacema**

679' SJAU -03:00 S08 50.3 W049 33.5

**12/30** 4593' ASPHALT. PCN 6/F/A/Y/T.

SR-SS.

**Araguaina**

774' SWGN AUX -03:00 S07 13.7 W048 14.4

Apt Administration (63) 3214-2170, (63) 3413-1633, (63) 99985-0868, (63) 99995-4767. Apt Manager gerencia.swgn@esaero.com.br. Ground Services (63) 3415-2433, (63) 99255-2155, (63) 99959-2777, 63 3413 1242, 63 8121 6860, 63 9981 9603.

**09/27** 5919' ASPHALT. PCN 44/F/C/X/U. RL.

ATND SKD 0900-2100Z.

General aviation aircraft and official aircraft parking available O/R, contact local airport operations center within 24 hours in advance by telephone or email.

Overnight parking for general aviation 3 hrs PNR by telephone.

VFR night operations on request from 2100-0000UTC, extended hours in case of emergency. equipment action via tel.

180 degree turns on Rwy 09/27 only on the Thr for acft with a wingspan exceeding 89 ft (27.05 m).

Flight plans not accepted by radio. File plans by internet, phone or FAX.

F-4, J.

ABN.

**Araguari**

3107' SNAG -03:00\* S18 40.1 W048 11.4

**05/23** 4921' ASPHALT. PCN 14/F/A/Y/T.

SR-SS.

Departing Aircraft must contact Uberlandia Tower or Approach prior to takeoff. Rwy 05/23 closed for jet engine landing aircraft.

Aircraft departing Araguari airport should present PLN and updates preferably at the AIS SBUL office via TEL/FAX (34) 3222-4144 or other AIS residing in the Brasilia FIR before takeoff.

Traffic circuit should be carried out in NW sector of APT.

Traffic circuit altitude for fixed wings ACFT: 1100'.

Traffic circuit altitude for helicopters: 600'.

**Araguatins**

410' SJGU -03:00 S05 41.1 W048 06.9

(63) 4742110, (63) 99725349.

**12/30** 4921' ASPHALT. PCN 8/F/B/Y/T. RL.

ATND SKD SR-SS.

For night operations compulsory tel contact, with 2 hr PNR.

ABN.

**Arapiraca**

886' SNAL APQ -03:00 S09 46.6 W036 37.8

Apt Administration 82-3530-3518.

**10/28** 3051' ASPHALT. PCN 13/F/B/Y/T. RL.

ATND SKD SR-SS.

VFR Night operations prior permission required, coordinate on request through airport administration.

Due to obstacles near Rwy 10, traffic pattern will take place on South Sector of the airport. Takeoff on Rwy 28 for the North Sector turn above 1600'.

ABN.

**Arapongas**

2598' SSOG APX -03:00\* S23 21.3 W051 29.4

## BRAZIL

Ground Services (43) 3274-5635, (43) 9625-3404.

**16/34** 3937' ASPHALT. PCN 6/F/B/Y/U.

ATND SKD Mon-Fri 1100-2100Z; Sat 1100-1500Z. O/T O/R.

F-4, J.

ABN.

### Araraquara (Bartolomeu de Gusmao)

2334' SBAQ AQA -03:00\* S21 48.3 W048 08.4

(16) 3332-0157, 16 3322 9955. ATS (16) 3332-0157. Ground Services (16) 3332-0157.

**17/35** 5906' ASPHALT. PCN 40/F/A/X/T. RL.

ATND SKD Mon-Fri 2000-0200Z; O/T O/R.

F-4, J.

ABN.

### Araras

2247' SDAA -03:00\* S22 20.2 W047 21.5

**12/30** 3773' ASPHALT. PCN 21/F/B/X/T.

ATND SKD SR-SS.

### Araxa (Romeu Zema)

3278' SBAX AAX -03:00\* S19 33.6 W046 57.9

(34) 3662-3710. ATC (34) 3662-3710. Ground Services (34) 99133-8897.

**16/34** 6234' ASPHALT. PCN 26/F/B/X/T. MIRL.

Mon-Fri 1000-2200Z. O/T O/R. ATND SKD Mon - Fri 1100-1500Z, 1600-2000Z. O/T O/R 24 hrs PNR.

Aircraft requesting takeoff outside the opening hours of the AIS room of SBAX, shall present full flight plan to any accredited AIS room of the FIR or simple flight plan to the AIS room of Uberaba, or even through the internet.

Passengers loading and unloading operations by aircraft with running engines or propellers are prohibited.

Ultra light operations in vicinity of airport.

RWY 16/34 acft above 22046 lbs (10 tons) only 180 deg in the turning areas.

VFR night operations available only in the operating hours of the AFIS.

ABN. Fire 3.

### Arcoverde

2080' SNAE -03:00\* S08 24.5 W037 05.3

Apt Administration (87) 3822-1250, (87) 3822-3124.

**15/33** 4265' ASPHALT. PCN 6/F/B/Y/U. RL.

VFR Night operations prior permission required, coordinate on request through airport administration.

ABN.

### Ariquemes

465' SJOG -04:00\* S09 53.1 W063 02.9

**03/21** 4285' ASPHALT.

SR-SS.

TPA MIN 1600' (488').

### Arroio Grande

161' SSAE -03:00\* S32 13.7 W053 03.3

**06/24** 3281' CLAY/GRVL.  
AUW-13/0.5000 MPa.

SR-SS.

F-4.

### Arthur Siqueira see Braganca Paulista

### Aruana

820' SWNH -03:00\* S14 56.0 W051 02.9

**06/24** 4265' ASPHALT. AUW-13/0.5000 MPa.

ATND SKD SR-SS.

ABN.

### Assis (Marcelo Pires Halzhausen)

1850' SNAX AIF -03:00\* S22 38.4 W050 27.2

**12/30** 5541' ASPHALT. PCN 25/F/C/Y/U. RL.

Ultralight traffic in vicinity of airport.

## BRAZIL

ABN.

**Atlas Brazil Cantanhede Intl** see **Boa Vista**

**Augusto Severo** see **Natal**

**Avare (Avare-Arandu)**

2657' SDRR QVP -03:00\* S23 05.6 W048 59.0

Ground Services (14) 9790-0326.

**15/33** 4856' ASPHALT. PCN 26/F/A/X/T. RL.

ATND SKD SR-SS, O/T O/R.

F-4, J.

ABN.

**Avare-Arandu** see **Avare**

**Bacacheri** see **Curitiba**

**Bage (Cmte Gustavo Kraemer)**

611' SBBG BGX -03:00\* S31 23.4 W054 06.6

Apt Administration Fax (53) 3242-7702. (53) 3242-9055.

**06/24** 4921' CONCRETE. PCN 18/R/A/Y/T. MRL.

**14/32** 3770' GRASS. AUW-13/0.6000 MPa.

Mon - Fri, 1615-2200Z ATND SKD 1000-2200Z. Customs: O/R with 24 hrs PNR.

Birds in vicinity of airport.

Requests for International Flight must be addressed to operator of AD administration with at least 24 hrs PNR.

ABN. Fire N.

**Bahia-Jorge Amado** see **Ilheus**

**Baixo Guandu**

279' SNBG -03:00\* S19 29.9 W041 02.5

**11/29** 3937' ASPHALT. PCN 10/F/C/Y/U.

SR-SS.

**Balsas**

932' SNBS BSS -03:00 S07 31.5 W046 03.2

**15/33** 3281' ASPHALT. PCN 14/F/B/Y/U.

SR-SS.

Birds in vicinity of airport.

**Bandeirantes**

1319' SSBK -04:00\* S23 04.4 W050 25.4

**16/34** 4265' GRAVEL. PCN 8/F/C/Y/U.

**Barbacena (Maj Brig Doorgal Borges)**

3658' SBBQ QAK Mil. -03:00\* S21 16.0 W043 45.6

Apt Administration (32) 3331-5320, (32) 3331-7011, (32) 3333-1701, (32) 3339-4220. Ground Services (32) 3333-1701.

**18/36** 5774' ASPHALT. PCN 14/F/A/Y/T. TODA 18 5971'. TODA 36 5971'. ASDA 18 5971'. ASDA 36 5971'. RL.

0900-2300Z. ATND SKD 0900-2300Z.

Birds in the vicinity of airport.

Civilian aircraft may use AD SBBQ as destination or alternate only with authorization of the High School of Air Cadets (EPCAR) across the site [www.epcar.aer.mil.br](http://www.epcar.aer.mil.br) link authorization SBBQ, or by telephone. Civilian aircraft in emergency medical evacuation flight is previously authorized.

Fuel services for Brazilian Air Force aircraft only. All other military aircraft PPR.

F-4, J.

ABN. Fire 5.

**Barcelos**

112' SWBC BAZ -04:00 S00 58.9 W062 55.2

**09/27** 3937' ASPHALT. PCN 6/F/B/Y/U.

SR-SS. ATND SKD SR-SS.

J.

**Bariri**

1594' SDBY -03:00\* S22 04.1 W048 42.4

**11/29** 4593' DIRT. AUW-12/0.5000 MPa.

SR-SS.

## BRAZIL

**Barra**

1276' SNBX BQQ -03:00\* S11 04.9 W043 08.8

**06/24** 4265' ASPHALT. PCN 10/F/B/X/U. SR-SS.

**Barra Do Corda**

509' SNBC BDC -03:00 S05 30.1 W045 12.9

**09/27** 5118' CLAY/SAND. PCN 13/F/B/Y/U.

Rwy 09 Right-Hand Circuit.

SR-SS.

Airport can be used regularly by any aircraft compatible with RCD 2C or lower.

**Barra Do Garcas**

1148' SBBW BPG -04:00\* S15 51.6 W052 23.4

(66) 3401-2218.

**07/25** 5243' ASPHALT. PCN 20/F/C/Y/T. RL.

ATND SKD SR-SS.

Special VMC ops for ATR72 permitted in accordance with special procedures described in MOPS approved by ANAC.

The airport can be used regularly by any ACFT compatible with RCD 2C or lower.

F-4, J.

ABN. Fire 4 1500-2100Z.

**Barreiras**

2454' SNBR BRA -03:00 S12 04.7 W045 00.6

Apt Administration (71) 3241-1982, (71) 9670-6361, (77) 3611-2361, (77) 8116-0829, (77) 9125-9724, (77) 9909-5421, (77) 9931-6210, (77) 9993-2336.

**08/26** 5249' ASPHALT. PCN 35/F/A/X/T. RL.

ATND SKD 0700-1730Z.

VFR night operations prior permission required and on request coordination 1 hour minimum via tel.

F-4, J.

ABN. Fire N.

**Barreirinhas**

13' SSRS -03:00\* S02 45.4 W042 48.3

**11/29** 4921' ASPHALT. PCN 71/F/A/Y/T.

SR-SS.

**Barretos (Chafei Amsei)**

1903' SNBA BAT -03:00\* S20 35.1 W048 35.7

**08/26** 5906' ASPHALT. PCN 32/F/A/X/T. RL.

ATND SKD SR-SS.

Birds in vicinity of airport.

Ultralight training in vicinity of airport.

F-4, J.

ABN.

**Bartolomeu de Gusmao see Araraquara****Bartolomeu Lisandro see Campos Dos Goytacazes****Base Aerea see Anapolis****Base Aerea De Santos see Guarujá****Bauru**

2025' SBBU BAU -03:00\* S22 20.6 W049 03.2

Apt Operator (14) 3223-8922. Ground Services (14) 3234-2424, (14) 98123-1580.

**14/32** 4925' ASPHALT. PCN 13/F/A/X/T. TORA 32 4596'. LDA 14 4285'. TODA 32 4596'. RL.

ATND SKD 1000-2200Z, O/T O/R.

Rwy 32, last 328' (100 m) DEP and first 640' (195 m) Rwy 14 ARR closed due Bldg.

F-4, J.

ABN. Fire 3.

**Bauru (Bauru-Arealva)**

1962' SBAE -03:00\* S22 09.5 W049 04.1

## BRAZIL

Apt Administration (14)3277-6676. Ground Services (14)3237-7003, (14)98148-7865, (16)98105-1114.

**17/35** 6594' ASPHALT. PCN 42/F/A/X/T. RL.

ATND SKD 0700 - 2300Z. O/T O/R 1HR prior notice required, call ground service provider.

For flights in the TMA Bauru controlled airspace, aircraft must file flight plan before the departure, preferably with the Bauru AIS Room.

The airport is situated on the edge of Bauru TMA. Bilateral contact should be carried out with AFIS Bauru-Arealva (SBAE) and Bauru approach so that there is no interference with SBBU airport.

J.

ABN. Fire 5.

**Bebedouro**

1942' SDBB -03:00\* S20 54.0 W048 28.4

**13/31** 4921' ASPHALT. PCN 15/F/A/X/T.

SR-SS.

Runways 13 and 31, first 328' (100m) not available for landing and last 328' (100m) not available for take-off.

F-4.

**Belem (Brigadeiro Protasio de Oliveira)**

52' SBJC -03:00 S01 24.9 W048 27.5

Fax (91) 3244-3261.

**16/34** 3629' ASPHALT. PCN 34/F/C/X/U.

Rwy 34 Right-Hand Circuit.

ATND SKD SR-SS.

Birds in vicinity of airport.

Motorized ultralight operating daily Sunrise-Sunset.

F-4.

**Belem (Val De Cans/Julio Cezar Ribeiro)** Apt of Entry

56' SBBE BEL -03:00 S01 23.1 W048 28.7

Apt Administration (91) 3210-6000; Fax (91) 3257-1577; adaerobe@infraero.gov.br. (92)

3652-5374, (92) 3652-5375. ARO (91) 3210-6382.

**02/20** 6004' ASPHALT. PCN 50/F/A/X/T. MRL. Rwy 20 Right-Hand Circuit.

**06/24** 9186' ASPHALT. PCN 65/F/A/X/T. TORA 06 8891'. TORA 24 8891'. LDA 06 8891'. LDA 24 8891'. ASDA 06 8891'. ASDA 24 8891'. HIRL. HIALS 06.

Rwy 24 Right-Hand Circuit.

H24. ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of apt.

CAUTION: Do not confuse the nautical beacon with the airport beacon.

CAUTION: Lack of visibility from TWR to small aircraft ground operations in the south sector of AD and part of the parking ramp in front of the passenger station.

CAUTION: Lack of visibility from TWR to north sector of the airport.

Jet aircraft are prohibited from executing maneuvers turned with the tail pointing to AD building.

Twy Charlie unusable for aircraft with weight of 206132 lbs (93.5 tonnes).

Acft ops prohibited on Twy India and Twy apron 4 during Tkof and Ldg Ops on Rwy 02/20 during IMC.

Restriction to classes and types of ACFT: ACFT WO EQPT RDO, GLD, ACFT WO transponder or fault in this EQPT.

Restriction of air services: launching of objects or spraying, ACFT trailer, launch of parachutes, acrobatic FLT.

AD can be regularly used by any Acft compatible with RCD 4E or lower.

RWY 06/24 and RWY 02/20 do not make turns outside the turning area unless authorized and avoid turning on aircraft axis.

Filing flight plans and updates via Tel (91) 3075-6513, Tel/fax: (91) 3210-6382, Mon-Fri: 0900-1600Z, excluding holidays.

## BRAZIL

Prohibited presentation of flight plans and its updates via telephone directly to ATC for Acft departing SBBE.

F-4, Jet A-1.

ABN. Fire 7.

### Belem Novo see Porto Alegre

### Belo Horizonte (Pampulha-Carlos Drummond De An)

2589' SBBH PLU -03:00\* S19 51.1 W043 57.0

Apt Administration (31) 3490-2001; Fax (31) 3490-2155. (31) 3490-2136. Apt Manager sbbh@infraero.gov.br. Ground Services (31) 3441-3477, (31) 3491-3263, (31) 3491-4878, (31) 3494-6517, (31) 7811-9145, (31) 98522-2093, (31) 98713-3063, (31) 98950-3979, (31) 99178-6111, (31) 99335-2991.

**13/31** 7756' ASPHALT. PCN 44/F/B/X/T. HIRL. H24. ATND SKD H24.

Bird concentrations in the vicinity of the Apt.

Ramps 1 and 2 not available for overnight to aircraft related to flight training.

Only scheduled domestic passenger flights are allowed the maximum time of 40 min in the parking areas.

TGLIFR proc training or other flt types which interfere with apt dep or arr proc prohibited Fri 1000-1500Z and 1800-2359Z.

Apron 2 Edge Twy (Twy C) limited to acft with maximum wingspan of 49 ft (15m).

Engine run-up on ramps, Rwy's and hangars prohibited between 0100-1000Z.

Traffic Pattern:

Cat A, B Aircraft 3700' (1111')

Cat C Aircraft 4000' (1411')

Helicopters 3300' (711')

Filing of simplified flight plan over radio prohibited.

Flight plans for Acft departing from with the CTR or TMA should present flightplan before departure to either SBBH or SBCF AIS rooms.

AFIL flight plans shall not be accepted by APP-Belo Horizonte. Acft with VFR PLN operating from AD without ATS unit and not intending to enter controlled airspace or ZIDA do not need to submit PLN, if they do not intend to use warning and flight information services.

F-4, Jet A-1.

ABN. Fire 5 H24.

### Belo Horizonte (Tancredo Neves Intl) Apt of Entry

2713' SBCF CNF -03:00\* S19 37.5 W043 58.3

Apt Administration (31) 3689-6800; contato@bh-airport.com.br. (31) 3689-2014, (31) 3689-2414, (31) 4009-5150, (31) 9970-3461. ATS H24 (31) 3689-2509.

**16/34** 9843' ASPHALT. PCN 83/F/B/W/T. TODA 16 12795'. TODA 34 14436'. MIRL. HIALS 16.

Rwy 16 Right-Hand Circuit.

H24. ATND SKD H24. Customs: H24.

CAUTION: Do not confuse Apt with Lagoa Santa Apt (SBLs) to the right when on approach to Rwy 34.

Birds in vicinity of Apt.

Apt restriction to Acft classes and types: Acft w/o radio equipment, gliders, Acft w/o transponder or failure of transponder, powered ultralights.

Air services restriction: object launching or pulverizing, Acft pushback ops, parachute launching, acrobatic flt.

The AD can be used regularly by any compatible Acft with RCD 4E or lower.

Non Radio equipped aircraft operation prohibited.

IFR training flights, TGL, ANAC check and other FLT that may interfere with arrival and

## BRAZIL

departure procedures at the AD are prohibited  
MON TIL FRI 0000-0059Z, 0900-1500Z,  
1800-2359Z, SAT 0000-0300Z, 0900-1500Z,  
SUN 0000-0059Z, 2100-2359Z. During other  
hours, such OPS are allowed only with prior  
authorization from the respective ATS unit.

Twy Foxtrot (between Twy Alfa and Apron 1)  
allowed for Acft with Max 118' (36 m) wingspan.  
Aprons 1,2, and 3: compulsory use of push back  
operation by own means to exit the parking  
position.

180° turns by aircraft type Fokker 100, Boeing  
737, or greater, only on THR.

Jet A-1.

ABN. Fire 9.

**Blumenau**

59' SSBL BNU -03:00\* S26 50.0 W049 05.6

**18/36** 3543' ASPHALT. PCN 17/F/C/Y/U.

SR-SS.

Be alert for acft and gliders flight training in  
vicinity of airport.

**Boa Vista (Atlas Brazil Cantanhede Intl)** Apt  
of Entry

276' SBBV BVB -03:00\* N02 50.5 W060  
41.5

Apt Administration (95) 3623-9394; Fax (95)  
3623-9367. (95) 4009-1149; Fax (95)  
4009-1143.

**08/26** 8858' ASPHALT. PCN 38/F/A/X/T. MRL.  
MIALS 08.

H24. ATND SKD H24. Customs: Monday til  
Friday 1200-1600Z 1800-2200Z. Except Holi-  
days.

Night VFR Ops authorized only for Acft taking  
off and landing at SBBV.

Turnaround of 180 Deg is not necessary for  
Acft at thresholds due to work in progress to  
build Twy for aircraft rolling.

Traffic circuit S sector unserviceable for rotor  
wing Acft.

Jet fuel on the ramp H24 for civilian aircraft and  
SR-SS for military aircraft. Other times O/R.

F-4, J.

ABN. Fire 6.

**Boca Do Acre (Novo Campo)**

394' SWNK -05:00 S08 50.0 W067 18.7

Apt Administration (68) 3211-1007.

**18/36** 5249' ASPHALT. PCN 19/F/C/Y/U.

1200-2000Z O/T O/R.

**Bom Jesus Da Lapa**

1453' SBLP LAZ -03:00\* S13 15.7 W043  
24.4

(81) 2129-8093, (81) 2129-8094. ATS  
81-3322-4191; Fax 81-2129-8215.

**18/36** 3973' ASPHALT. PCN 9/F/C/Y/U. TORA  
18 3484'. TORA 36 3645'. LDA 18 3645'. LDA  
36 3484'. TODA 18 3484'. TODA 36 3645'.

SR-SS.

Rwy 18, first 328' (100 m) not available for  
landing and the last 489' (149 m) not available  
for take-off.

Rwy 36, first 489' (149m) not available for land-  
ing and the last 328' (100 m) not available for  
take-off.

**Bom Jesus Do Gurgueia (Gurgueia)**

1066' SNGG -03:00 S09 03.6 W044 22.1

**16/34** 3937' ASPHALT. PCN 9/F/C/Y/U.

SR-SS.

**Bonito**

1096' SBDB BYO -04:00\* S21 14.8 W056  
27.1

Apt Administration (67) 3255-1800, (67)  
3255-3222. (67) 3255-1264, (67) 3255-4666.  
Ground Services (67) 9971-6797.

**18/36** 6562' ASPHALT. PCN 48/F/A/X/T. RL.

Rwy 36 Right-Hand Circuit.

SS-2300Z.



## BRAZIL

Traffic circuits shall be performed to the east of the airport.

F-4, J.

ABN. Fire 5.

**Borba**

295' SWBR RBB -04:00 S04 24.5 W059 35.9

12/30 3937' ASPHALT. PCN 8/F/C/Y/U.

ATND SKD SR-SS.

**Botucatu**

3012' SDBK QCJ -03:00\* S22 56.2 W048 28.0

Apt Administration 14) 3813-8628. Ground Services On Call (14) 3813-8628.

01/19 4921' ASPHALT. PCN 40/F/A/X/T.

ATND SKD 1000-2000Z O/T O/R.

Rwy 01/19 closed due to unmanned aircraft operations Tue 1700-2000Z.

F-4, Jet A-1.

ABN.

**Braganca Paulista (Arthur Siqueira)**

2930' SBBP -03:00\* S22 58.7 W046 32.2

Apt Administration (11) 4033-4434, (11) 4034-7610.

16/34 3937' ASPHALT. PCN 16/F/B/X/T. RL.

Rwy 34 Right-Hand Circuit.

SR-2200Z. O/T O/R. ATND SKD Mon-Fri 1000-2200Z; Sat-Sun 1000-2100Z.

F-4, J.

ABN.

**Brasilia (PRES Juscelino Kubitschek Intl)**

Apt of Entry

3498' SBBR BSB -03:00\* S15 52.3 W047 55.1

Apt Administration (61) 3214-6041, (61) 3214-6069, (61) 3214-6585; Fax (61) 3214-6580; cco\_sbbr@inframerica.aero. (61)

3364-8556, (61) 3365-1769. ARO (61) 3365-1896; Fax (61) 3365-1855.

11L/29R 10499' ASPHALT. PCN 76/F/B/X/T. TORA 11L 10007'. LDA 11L 10007'. LDA 29R 10007'. ASDA 11L 10007'. RL. HIALS 11L. MIALS 29R.

Rwy 29R Right-Hand Circuit.

11R/29L 10827' ASPHALT. PCN 68/F/B/W/T. TORA 11R 10335'. LDA 11R 10335'. LDA 29L 10335'. ASDA 11R 10335'. RL. HIALS.

H24. ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of apt.

AD ACFT of general aviation shall coordinate previously its operations by email, 6 hours PNR.

1) ETA or ETD between 0400 and 0800UTC.

2) destination from or to Intl ETA/ETD.

Contact operational control 24 hrs, via e-mail or phone.

ACFT with wingspan up to 79' (24M). With accredited handling company.

CAUTION: Operate with caution due to limited visibility from tower to taxiway LIMA 2, LIMA 3, LIMA 7, LIMA 8, TANGO, KILO between LIMA 4 and HOTEL, KILO between LIMA 7 and UNIFORM, ROMEO between LIMA 2 and LIMA 4, ROMEO between LIMA 7 and UNIFORM, HOTEL between GOLF and NOVEMBER, HOTEL between PAPA and BRAVO, QUEBEC between positions 55 to 66.

Only aircraft that can maintain final approach speed of 120KT can operate between periods 1100-1400, 2100-0000.

TWY LIMA 4, LIMA 5, LIMA 6, LIMA 8 and Quebec, Romeo between LIMA 3 AND LIMA 7 MAX WINGSPAN 118' (36M).

PNR for general aviation acft.

Acft with wingspan up to 79ft (24m) 6 hrs PNR. Acft with wingspan up to 213 ft (65m) 24 hrs PNR.



**BRAZIL**

Max time on the ground 3 hrs for intl flights and 2 hrs for domestic flights.

Use of towbar is mandatory.

Preferential parking for general aviation small aircraft of up to 5700KG (12566.33lb) at apron 02. When full, parking at apron 01 or apron 03 may be allowed.

General aviation aircraft destined to apron 02 must use TWY at apron 02 (Positions 52 to 61). During the night period, operate with caution due to lighted apron. However, without markings.

Aircraft B767, EA-30, DC-10, MD-11, B747, B707 and B727, for entrance to and exit from apron, use TWY JULIET.

TWY QQ, day and night operations are responsibility of the aircraft operator.

Aircraft with wingspan above 66' (20 m), destined to General Aviation Hangars, access by TWY QUEBEC QUEBEC authorized, only towed and completely parked at the interior of the hangar. INFRAMERICA inspector attendance is mandatory.

Before entering TWY Quebec from TWY Quebec Quebec it is mandatory to contact TWR INFO AIRCRAFT positioning. Taxi of ACFT with wingspan of up to 66' (20 m) is allowed. **NOISE ABATEMENT PROCEDURES:**

Noise abatement for jet airplanes irrespective of weight and for propeller and turboprop airplanes with MTOM of or above 24251 lb (11.000 Kg).

Departure operations from RWY 11L will be authorized only for aircraft that comply with noise limits requirements established, except when RWY 11R is unavailable for departure operations. The pilot in command of aircraft that do not comply with the mentioned noise limits shall inform the BRASILIA-CLEARANCE, 15 minutes prior of the EOBT.

The departure operation that do not comply with the noise limits will be subject to the arrival flow in RWY 11R.

Use of the runway system during the night period:

Between 0100-0900Z, when the runway system in use is 11R/11L, departure operations will be carried out from RWY 11R, except when this RWY is unavailable.

TGL IFR proc training or other flt types which interfere with apt dep or arr proc prohibited Fri 1000-1500Z and 1800-0200Z.

Engine runups should take place with coordination on twy Tango btwn twr and INFRAMERICA.

Twy Hotel (Rwy 11C/29C) closed for occasional landing/takeoff.

Two way radio required.

Acft engine run-ups should preferably occur on Twy T under Brasilia TWR coordination with INFRAMERICA.

Overfly of city from 0100-0900 UTC is prohibited. Local flight is prohibited within traffic pattern, IFR procedures training, touch & go landings and other types of training that interfere with apt's traffic prohibited from 0700-1130LT (1000-1430UTC), 1700-2100LT (2000-0000).

Pkgng ops according to the following: 1. Apron #6 pkgng for gen aviation and execacft up to 12 tons and a wingspan of 52ft (16m).

Apron #4 destined for acft up to 25 tons. 3. Acft destined to apron #6 must use apron #5 twy ops reflective markings.

Acft destined to gen aviation hangars using twy QQ must contact TWR. Acft with wingspan above 66ft (20m) must be towed and completely parked inside hangars.

Frontal way to the hangars between twy Quebec and patio #6 isn't a homologated twy, ops during day & night are responsibility of the operator.

## BRAZIL

Parking of small aircraft on apron #1 is forbidden from 1330-1530LT (1630-1830UTC) and 1930-2130LT (1630-1830UTC).

Fixed wing aircraft that need to turn engine in slow running to check the equipment and calibrate the compass must do it at Kilo Twy and Mike Twy intersection, without restrictions to the schedule, in coordination with Brasilia Tower and SBBR administration.

Rotating wing aircraft must make previous contact with SBBR administration and Brasilia twr for engine check and test.

RWY 11L/29R closed WED 0800-1600LT (11600-1900UTC) due to medical services.

AFIL flight plans will not be accepted Brasilia APP. Aircraft with VFR PLN operating from airport and not intending to enter controlled airspace or ZIDA do not need to submit PLN if they do not intend to use warning and flight information services.

Departure noise abatement procedures in effect for aircraft not meeting Stage 3 and 4 requirements.

Acft must submit flight plan before taking off if within the TMA or CTR boundary.

Acft must file flight plan to any AIS office before entering TMA or CTR Brasilia before departure or file a simple flight plan to Brasilia AIS office.

F-4, Jet A-1.

ABN. Fire 9.

### Breves

98' SNVS BVS -03:00\* S01 38.2 W050 26.6

07/25 5249' ASPHALT. PCN 27/F/B/X/T.

SR-SS.

AD will not accept Flight Plan via ACC-AMAZONICO for ACFT from /to SNVS. Mandatory submission of Flight Plan before take-off from/to SNVS via internet (SEE AIC 09/2016), by telephone, or at any (ROTAER or AIP-BRAZIL) credited office situated in the AMAZONICA FIR, or even personally at any AIS office.

**Brig Lysias A Rodrigues see Carolina**

**Brigadeiro Antonio Cabral see Divinopolis**

**Brigadeiro Lysias Rodrigues see Palmas**

**Brigadeiro Protasio de Oliveira see Belem**

### Buriti Alegre

2847' SWBA -03:00\* S18 07.5 W049 02.6

16/34 3937' GRAVEL. PCN 8/F/C/Y/U.

### Buritirama

1637' SNTQ -03:00 S10 43.3 W043 39.2

11/29 3615' CLAY/SAND.

AUW-13/0.5000 MPa.

SR-SS.

### Cabo Frio

23' SBCB CFB -03:00\* S22 55.2 W042 04.3

Apt Administration (22) 2647-9531, (22) 2647-9540, (22) 2648-4487; Fax (22) 2648-4487. (22) 2647-2399, (22) 2647-9555, (22) 2647-9512. ATS (22) 2647-9512, (22) 2647-9555. Ground Services (21) 98479-1513, (22) 2646-7463, (22) 97402-3462, (22) 99268-3111, (22) 99946-1046, (22) 99996-5775.

10/28 8366' ASPHALT. PCN 76/F/C/X/T. TORA 10 8071'. TORA 28 8071'. LDA 10 8071'. LDA 28 8071'. ASDA 10 8071'. ASDA 28 8071'. MIRL.

0900-2100Z. O/T O/R. ATND SKD 1000-2100Z. O/T O/R.

Birds in vicinity of airport.

Airport authorized for international air traffic, International flight requests must be sent to the Civil Aviation Department. For international flights landings and take offs should be reported minimum 24 hours in advance via TEL.

Noise abatement procedures for propeller and turboprop airplanes with MTOW below 24251 lbs (11000 Kg).

## BRAZIL

180° turn prohibited for medium and large aircraft, except in the turn around areas of the thresholds.

F-4, Jet A-1.

ABN. Fire 9.

**Cacador**

3376' SBCD -03:00\* S26 47.4 W050 56.4

(49) 3563-6316, (49) 99163-2626. Ground Services (49) 99921-5213.

**02/20** 5331' ASPHALT. PCN 25/F/A/X/T. RL.

ATND SKD Mon-Fri, 1100-1500Z, 1700-2100Z. O/T O/R.

F-4, J.

ABN.

**Cacequi (Saica)**

285' SSCQ Mil. -03:00 S29 54.0 W054 56.7

**02/20** 4921' ASPHALT. PCN 35/F/C/Y/T. RL.

PPR for all operations from base commander.

ABN.

**Caceres**

495' SWKC CCX -04:00\* S16 02.6 W057 37.8

**17/35** 6070' ASPHALT. PCN 30/F/A/X/T. Rwy 17 Takeoff not allowed. Rwy 35 Landing not allowed.

ATND SKD 0930-2000Z.

Rwy 17/35 closed to Acft of performance and dimensions greater than ATR 72.

Traffic pattern to the West of the AD.

Flight plans must be presented in person, via telephone or fax to accredited AIS office in Amazonica FIR.

F-4, J.

**Cachoeira Do Sul**

253' SSKS QDB -03:00\* S30 00.1 W052 56.4

**12/30** 3346' ASPHALT. PCN 10/F/B/Y/T.

SR-SS.

F-4.

**Cachoeiro Do Itapemirim**

256' SNKI QXD -03:00\* S20 50.1 W041 11.2

Apt Administration (28) 99926-3266, (28)3155-5420, (28)99927-2356.

**06/24** 3937' ASPHALT. PCN 14/F/C/Y/T.

SR-SS.

ACFT operations between SS/SR PPR before 1800Z via tel.

ABN.

**Cacoal**

817' SSKW -04:00 S11 29.7 W061 27.0

Apt Operator (69) 3441-0390.

**16/34** 6890' ASPHALT. PCN 31/F/A/X/T. RL.

Night lighting operates SS-2200Z. Other times O/R 2 hrs PNR.

F-4, J.

ABN.

**Caetite**

3202' SNIE -03:00\* S14 00.7 W042 29.6

**10/28** 4478' ASPHALT. PCN 12/F/C/Y/U.

SR-SS.

**Cajazeiras (Pedro Vieira Moreira)**

1099' SJZA -03:00\* S06 53.0 W038 36.9

Apt Administration (83) 99136-0365, (83) 99378-3671.

**12/30** 5249' ASPHALT. PCN 6/F/B/Y/T. RL.

SR-SS, O/T O/R.

Apt unavailable to Acft of jet performance or higher.

ABN.

**Caldas Novas**

2300' SBCN CLV -03:00\* S17 43.5 W048 36.6

(64) 3454-6802. ATS (64) 3454-6802. Ground Services (64) 3453-2671.

**BRAZIL**

**09/27** 6447' ASPHALT. PCN 35/F/A/X/T. RL.

ATND SKD 1000-2100Z.

AD available for night Ops only when AFIS is in operation.

Loading and unloading of passengers prohibited while engines are in operation.

180 degree turns only allowed at runway ends for medium and large Acft to prevent damage to runways.

F-4, J.

ABN. Fire 5 1300-1900Z.

**Camocim**

59' SNWC -03:00 S02 53.8 W040 51.4

**14/32** 3117' ASPHALT. PCN 8/F/B/Y/U.

SR-SS.

ABN.

**Campina Grande (Presidente Joao Suassuna)**

1647' SBKG CPV -03:00 S07 16.1 W035 53.7

(81) 2129-8093, (81) 2129-8094, (83) 3332-9012. ATS (83) 3331-1306. Ground Services (71) 99670-9061, (83) 3331-2583, (83) 98882-9839.

**15/33** 5249' ASPHALT. PCN 50 F/A/X/T. RL.

Birds in vicinity of airport.

Ramp limited to 11 Acft max. Category E available. General Aviation Acft with extended loading and unloading times will need prior authorization by telephone.

Engine checks are prohibited, due to no engine run up areas in AD.

Mandatory turn around of medium and large Acft in THR 15/33 areas.

Push-back required for Acft weighting more than 88185 lbs (40 t) for the exit of parking yard.

F-4, J.

ABN. Fire 5.

**Campina Verde**

1804' SNCV -03:00\* S19 32.3 W049 29.7

**14/32** 3281' DIRT. PCN 8/F/C/Y/U.

SR-SS.

**Campinas (Amarais)**

2008' SDAM CPQ -03:00\* S22 51.5 W047 06.5

Apt Operator On Call (19) 3246-3055.

**16/34** 3937' ASPHALT. PCN 25/F/A/X/T. RL.

SR-SS, O/T O/R via TEL. ATND SKD SR-SS, O/T O/R via TEL.

F-4, J.

ABN.

**Campinas (Viracopos Intl)** Apt of Entry

2170' SBKP VCP -03:00\* S23 00.4 W047 08.1

Apt Administration (19) 3725-5000, (19) 3725-5001, (19) 3725-5375; Fax (19) 3725-5003, (19) 3725-5362, (19) 3725-5377; marcelo.mota@viracopos.com.

**15/33** 10630' ASPHALT. PCN 56/F/B/X/T. TORA 15 10335'. LDA 15 10335'. LDA 33 10335'. TODA 15 11122'. TODA 33 11122'. ASDA 15 10335'. HIRL. MIALS 15.

H24. ATND SKD H24. Customs: Mon-Fri 1100-2000Z, except on holidays. Other times, PPR 24hr.

Bird concentrations in the vicinity of the airport.

Noise abatement procedure for aircraft causing a noise level above that allowed are those that do not comply with the limits included in the Chapter 3, Annex 16, ICAO, and also those included in the AIP MAP.

Aircraft landing on Rwy 33 are prohibited from entering Twy A.

Restriction to Acft classes and types: Acft w/o radio equipment, gliders, Acft w/o transponder or transponder inop, ultralights.

## BRAZIL

Restriction to air services: throwing objects or spraying, Acft pushback operations, parachute launching, acrobatic flight.

GA Acft operations only with authorization. Use of tow bar mandatory with max stay of 3 hrs.

The airport can be used regularly by any compatible Acfts with category 4E or lower, the load of the Acft Boeing 747-8.

Aircraft engine start on ramp 2 only in center of Taxiway and from positions 1 and 2.

Twy Charlie (eventually Rwy 15R /33L) closed for landing and departure.

Aircraft with a wingspan of 171' (52m) or greater prohibited in taxiway ALFA and BRAVO.

GA Acft operations on Intl flights only with 1 hrs PNR.

Rwy 15/33 slippery when wet between 1312' (400 m) and 1640' (500 m) from Thr 15.

Caution due to possibility of unmanned hot air balloons occurring mainly in May, June, July and August.

Aircraft departing SBKP are forbidden to file a Simple Flight Plan via radio.

180 degree turns on the runway prohibited.

Prohibited presenting flight plans via radio telephony.

Jet A-1.

ABN. Fire 10.

**Campo Alegre de Lourdes**

1604' SSRK -03:00\* S09 30.8 W042 59.7

11/29 4921' ASPHALT. PCN 8/F/B/Y/U.

ATND SKD SR-SS.

**Campo Belo**

3182' SNCA -03:00\* S20 53.5 W045 20.1

10/28 4659' ASPHALT. PCN 25/F/A/X/T.

SR-SS.

**Campo de Marte see Sao Paulo****Campo de Provas Brig. Veloso see Guaranta Do Norte****Campo Delio Jardim de Mattos see Rio De Janeiro****Campo Do Meio**

2559' SNCE -03:00\* S21 06.4 W045 48.3

10/28 3281' CLAY. PCN 8/F/C/Y/U.

SR-SS.

**Campo Dos Bugres see Caxias Do Sul****Campo Fontenelle see Pirassununga****Campo Grande (Campo Grande Intl)** Apt of Entry

1835' SBCG CGR -04:00\* S20 28.2 W054 40.2

Apt Administration (67) 3368-6000, (67) 3368-6029, (67) 3368-6035; Fax (67) 3368-6116. (41) 3251-5462, (67) 3314-7521, (67) 3368- 3188, (67) 3368-3187.

06/24 8530' ASPHALT. PCN 48 F/B/X/T. TORA 06 8235'. TORA 24 8235'. LDA 06 8235'. LDA 24 8235'. ASDA 06 8235'. ASDA 24 8235'. HIRL. MIALS 06.

H24 ATND SKD H24. Customs: Mon-Fri 1000-2200Z.

Caution: Birds in vicinity of airport.

Prior authorization required for General Civil Aviation available parking at least 2 hours before landing by airport administration via telephone.

Taxiing of aircraft E-130(Hercules) on civilian ramp only with prior coordination with the AD.

TWY Charlie available for landing and departure if cleared by ATC.

Restriction to Acft without radio equipment or transponder, gliders, powered ultralights, push-back ops, parachute launching, object launching and acrobatic flight.

## BRAZIL

Prohibited transmission of Flight Plan via tel to TWR from ACFT departing SBCG, except ACFT expected in the AD emergency plan.

Flight plan or notification shall not be received by Campo Grande APP when ACFT is taking off from AD located in Campo Grande TMA. They must be submitted to the Campo Grande AIS office by FAX/TEL.

VFR Acft taking off Rwy 06 are prohibited from turning right before crossing Rwy 24.

F-4, Jet A-1.

ABN. Fire 7.

**Campo Grande (Santa Maria)**

2028' SSKG -04:00\* S20 30.3 W054 31.5

**06/24** 3609' ASPHALT. AUW-12/0.5000 MPa.

SR-SS. ATND SKD SR-SS.

F-4.

**Campo Grande (Teruel Ipanema Estancia)**

1732' SSIE -04:00\* S20 36.0 W054 36.1

**06/24** 4921' GRAVEL. AUW-13/0.5000 MPa.

ATND SKD SR-SS.

F-4.

**Campo Mourao**

1854' SSKM -03:00\* S24 00.1 W052 21.4

**01/19** 4593' ASPHALT. PCN 14/F/C/Y/U. RL.

F-4.

ABN.

**Campos Belos**

2198' SWCB -03:00\* S13 00.5 W046 46.5

**11/29** 3937' DIRT. AUW-6/0.5000 MPa.

SR-SS.

**Campos Dos Goytacazes (Bartolomeu Lisandro)**

57' SBCP CAW -03:00\* S21 42.1 W041 18.5

Apt Administration (22) 2726-6400, (22) 2733-5016, (22) 2733-5022, (22) 2735-4010 ext

27; Fax (22) 2733-1531; sbcp@infraero.gov.br. (22) 2726-6427.

**07/25** 5066' ASPHALT. PCN 29/F/A/X/T. MRL.

0915-0200Z. ATND SKD 0915-0200Z.

Birds in the vicinity of airport.

Maximum period of stay for general aviation aircraft is 1 hour.

General aviation aircraft should inquire about apron capacity in advance.

Twy Alpha operational only first 1050' (320 m) from Thr 07.

F-4, Jet A-1.

ABN. Fire 3 0900-2100Z.

**Campos Sales**

2001' SNCS -03:00 S07 03.0 W040 21.8

Apt Operator (88) 533-2328.

**11/29** 3937' ASPHALT. PCN 17/F/A/X/T. RL.

SR-SS; night OPR O/R via TEL.

ABN.

**Canarana**

1312' SWEK CQA -04:00\* S13 34.5 W052 16.2

**18/36** 3412' DIRT. AUW-13/0.5000 MPa.

**Canela**

2746' SSCN QCN -03:00\* S29 22.2 W050 49.9

Ground Services (54) 3282-1332, (54)99672-7891.

**06/24** 4134' ASPHALT. PCN 21/F/B/Y/T.

ATND SKD 1130-2100Z.

F-4, J.

ABN.

**Cangapara see Floriano****Canoas**

26' SBCO Mil. -03:00\* S29 56.7 W051 08.6

Apt Administration (51) 3462-5104, (51) 3462-5397. (41) 3251-5462.

## BRAZIL

**13/31** 9026' ASPHALT. PCN 46 F/C/X/U. ASDA 13 10174'. ASDA 31 10174'. RL. MIALS 13.

Rwy 31 Right-Hand Circuit.

Birds in vicinity of airport.

Use of this air base by civil users is by prior permission only from the aeronautical authority.

Twy Charlie closed due to asphalt degradation. J.

ABN. Fire 4 CAT 5 and 6 O/R via tel, with 2 hrs PNR.

**Capao Bonito**

2343' SDCA -03:00\* S24 02.0 W048 21.4

**16/34** 3527' ASPHALT. PCN 10/F/C/Y/U.

ATND SKD SR-SS.

**Carajas see Parauapebas****Caratinga**

2067' QTL -03:00\* S19 43.5 W042 06.6

**01/19** 3543' ASPHALT. AUW-11.

Rwy 19 Right-Hand Circuit.

ATND SKD SR-SS.

**Caratinga (Ubaporanga)**

1965' SNCT -03:00\* S19 43.5 W042 06.7

**02/20** 3543' ASPHALT. AUW-11/0.5000 MPa.

SS-SR.

Traffic pattern to take place West of the airport.

**Carauari**

354' SWCA CAF -04:00 S04 52.3 W066 53.8

Apt Administration (69) 3219-7451.

**04/22** 5463' ASPHALT. PCN 12/F/C/Y/T.

SR-SS.

Birds in vicinity of airport.

J.

**Caravelas**

36' SBCV -03:00\* S17 39.0 W039 15.3

**06/24** 5020' ASPHALT. PCN 32/F/C/X/U.

**18/36** 3773' ASPHALT. PCN 32/F/C/X/U. SR-SS.

**Carazinho**

1854' SSKZ QRE -03:00\* S28 19.3 W052 48.9

**11/29** 5118' ASPHALT. PCN 12/F/B/Y/T.

ATND SKD SR-SS.

F-4.

ABN.

**Carolina (Brig Lysias A Rodrigues)**

564' SBCI CLN -03:00 S07 19.2 W047 27.5

(99) 3531-2185. Ground Services (99) 3531-2302.

**11/29** 5906' ASPHALT. PCN 18/F/C/Y/U. RL.

ATND SKD Mon-Sat, 1000-2000Z. O/T O/R.

Birds in vicinity of airport.

F-4, J.

ABN.

**Caruaru**

1890' SNRU CAU -03:00 S08 17.1 W036 00.6

**13/31** 5906' ASPHALT. PCN 30/F/A/X/U. RL.

Rwy 31 first 367' (112m) closed due to obstacle.

ABN.

**Casa Nova**

1329' SDFX -03:00 S09 09.4 W040 56.2

**12/30** 3609' ASPHALT. PCN 10/F/B/Y/U.

SR-SS.

**Cascavel (Coronel Mendes Da Silva)**

2477' SBCA CAC -03:00\* S25 00.1 W053 30.1

(45) 3228-2418. Ground Services (45) 3228-2662.

**15/33** 5840' ASPHALT. PCN 25/F/A/X/T. TORA 15 5299'. TORA 33 5299'. LDA 15 5299'. LDA



## BRAZIL

33 5299'. TODA 15 5299'. TODA 33 5299'.  
ASDA 15 5299'. ASDA 33 5299'. RL.

ATND SKD 1100-2100Z. O/T O/R during office  
hours call GSP.

Caution: Birds and rabbits in vicinity of airport.

RWY 15/33 authorize 180 degree turn for  
EMBRAER (E190) type aircraft or larger only in  
threshold area.

Observed ultralight operations in north and  
northeast sectors of aerodrome, approximately  
4.5NM, heading 015°.

F-4, J.

ABN. Fire 5.

**Cassilandia**

1578' SSCL -04:00\* S19 08.8 W051 40.6

**13/31** 3547' ASPHALT. PCN 10/F/B/Y/T.

Rwy 13 Right-Hand Circuit.

SR-SS.

**Castro**

3314' SSQT QAC -03:00\* S24 48.4 W049  
57.6

**05/23** 4659' DIRT. AUW-6/0.5000 MPa.

ATND SKD SR-SS.

Rwy 05 last 656' (200m) not available for  
departure and rwy 23 first 656' (200m) not  
available for landing due to obstacles.

**Catalao**

2611' SWKT -03:00\* S18 13.0 W047 54.1

Apt Administration (64) 9658-1850. Ground  
Services (64) 3411-6057, (64) 9956-4653, (64)  
9984-7142.

**17/35** 4593' ASPHALT. AUW-13/0.5000 MPa.  
RL.

ATND SKD 1030-2030Z. O/T O/R.

Night VFR ops only O/R with 1 hr PPR.

F-4, J.

ABN.

**Cataratas Intl see Foz Do Iguacu**

**Caxambu**

2838' SNXB -03:00\* S21 55.0 W044 58.1

**09/27** 4921' ASPHALT. PCN 8/F/C/X/U. RL.  
ABN.

**Caxias Do Sul (Campo Dos Bugres)**

2474' SBCX CXJ -03:00\* S29 11.7 W051  
11.4

(54) 3213-5915.

**15/33** 5479' ASPHALT. PCN 45/F/A/X/T. RL.  
ATND SKD 1030-2100Z.

Birds in the vicinity of threshold Rwy 15.

F-4, J.

ABN. Fire 5.

**Chafei Amsei see Barretos****Chapada Dos Guimaraes (Posto Leonardo Vilas Boas)**

1083' SWPL -04:00\* S12 11.9 W053 22.9

**07/25** 3281' GRASS. PCN 8/F/C/Y/U.

ATND SKD SR-SS.

**Chapadao do Sul**

2680' SSCD -04:00\* S18 50.3 W052 29.3

**05/23** 6562' ASPHALT. PCN 30/F/C/X/T. RL.  
ABN.

**Chapeco (Serafin Enoss Bertaso)**

2156' SBCH XAP -03:00\* S27 08.0 W052  
39.7

(49) 3324-6638. Ground Services (49)  
3329-0189.

**11/29** 6768' ASPHALT. PCN 45/F/B/X/T. RL.

ATND SKD Mon-Fri 1100-1400Z, 1630-2100Z;  
Sat 1100-1500Z; O/T O/R at least 24h in  
advance.

Prohibited presentation of the Flight Plan via  
radiotelephony.

Acraft above 22046 lbs (10 t) shall rotate 180 Deg  
only in the turning area of the Thr.

F-4, J.



## BRAZIL

ABN. Fire 5.

**Cianorte (Engenheiro Gastao de Mesquita)**

1768' SSCT -03:00\* S23 41.5 W052 38.5

**04/22** 3937' ASPHALT. AUW-13/0.6000 MPa.  
RL.

ABN.

**Cipo**

732' SNIO -03:00\* S11 07.5 W038 29.2

**13/31** 5315' ASPHALT. PCN 4/F/B/Y/U.  
SR-SS.

**Cirilo Queiroz see Almenara**

**Cmte Gustavo Kraemer see Bage**

**CMTE Rolim Adolfo Amaro see Jundiai**

**Coari**

144' SWKO CIZ -04:00 S04 08.0 W063 07.9

**10/28** 5249' ASPHALT. PCN 29/F/C/X/U.  
SR-SS.

Flight plans are not accepted by radio. File  
plans on the internet, phone or byFAX.

**Cocos**

2018' SNKC -03:00\* S14 10.4 W044 32.8

**06/24** 3281' MACADAM. PCN 6/F/B/Y/U.  
ATND SKD SR-SS.

**Colatina**

502' SNCX -03:00 S19 29.1 W040 35.1

Apt Administration (27) 99877-4110, (27)  
99898-2656; aeroportocolatina@gmail.com.

**14/32** 4265' ASPHALT. PCN 8/F/B/Y/T. RL.

VFR NIGHT operations PPR and coordination  
Mon-Fri 1100-2000Z.

Minimum ALT of traffic: 1500' AGL.

ABN.

**Comandante Antonio Amilton Beraldo see  
Ponta Grossa**

**Comandante Ariston Pessoa see Cruz**

**Conceicao Do Araguaia**

653' SBAA CDJ -03:00 S08 20.9 W049 18.2  
(94) 3421-2008. ATS 92-3652-5955,  
92-3652-5965.

**08/26** 5905' ASPHALT. PCN 47/F/C/X/U.  
ASDA 08 6115'. ASDA 26 5971'. RL.

Mon-Fri, 1145-1530Z, 1700-2045Z Excluding  
holidays.

Birds in vicinity of airport.

Rwy 08/26 landing operations for fixed wing tur-  
bojet aircraft are prohibited.

ABN. Fire N.

**Conceicao Do Mato Dentro**

2195' SNKD -03:00\* S19 01.2 W043 26.0

**16/34** 3150' ASPHALT. PCN 8/F/B/X/T.

SR-SS.

Rwy 16/34 closed for landing.

**Concordia (Olavo Cecco Rigon)**

2461' SSCK CCI -03:00\* S27 10.8 W052  
03.1

Apt Administration (49) 99108-3422.

**14/32** 4856' ASPHALT. PCN 12/F/B/Y/U. RL.

ATND SKD SR-2000 OT O/R via telephone.

Minimum traffic pattern altitude is 3561' (1100').

F-4.

ABN.

**Congonhas see Sao Paulo**

**Cornelio Procopio**

1854' SSCP CKO -03:00\* S23 09.2 W050  
36.2

**06/24** 4593' ASPHALT. PCN 8/F/C/Y/U. Rwy  
06 Takeoff not allowed. Rwy 24 Landing not  
allowed.

Landing on Rwy 24 and takeoff from Rwy 06  
prohibited.

F-4.

## BRAZIL

**Coronel Aviador Carlos Orleans Guimaraes**  
see **Fernandopolis**

**Coronel Mendes Da Silva** see **Cascavel**

**Corumba (Corumba Intl)** Apt of Entry  
463' SBCR CMG -04:00\* S19 00.7 W057  
40.3

Apt Administration (67) 3231-6455, (67)  
3232-3023; Fax (67) 3231-5352; adaer-  
ocr@infraero.gov.br, sbcrprorroga-  
cao@infraero.gov.br. (67) 3231-5842. Ground  
Services (67) 99853-8887.

**09/27** 4921' ASPHALT. PCN 71/F/C/X/T. MIRL.  
Rwy 27 Right-Hand Circuit.

1000-0000Z. ATND SKD 1100-2100Z, O/T  
O/R. Customs: Mon-Fri 1200-1500Z,  
1700-2100Z.

Birds in vicinity of airport.

First 525' (160 m) of Rwy 09 closed.

AD available for operations with 24 hr PPR via  
email.

F-4, Jet A-1.

ABN. Fire 5 1100-2300Z.

**Corumba (Forte Coimbra)**

279' SSFK Mil. -04:00\* S19 54.4 W057 46.8

Apt Operator (67) 231-2861.

**04/22** 3346' GRAVEL. AUW-12/0.5000 MPa.  
SR-SS.

Civil aircraft operations only with previous  
authorization from the 18th frontier infantry bri-  
gade commander via tel.

Traffic circuit only sector SE, with up to 1010'  
(308m), due to obst.

**Costa Marques**

554' SWCQ CQS -04:00 S12 25.3 W064  
15.1

**01/19** 4905' ASPHALT. PCN 8/F/B/X/T.

**Costa Marques (Forte Principe Da Beira)**

591' SWPB Mil. -04:00 S12 25.1 W064 25.1

**17/35** 4921' GRASS. PCN 8/F/C/Y/U.  
SR-SS.

**Coxim**

961' SSCI -04:00\* S18 28.9 W054 42.9

**02/20** 4265' ASPHALT. PCN 13/F/A/X/T.  
SR-SS.

**Crateus**

1033' SNWS -03:00 S05 12.7 W040 42.2

Apt Manager (88) 691-0401, (88) 691-7993.

**08/26** 4921' ASPHALT. PCN 12/F/C/Y/U.

ATND SKD SR-SS, O/T O/R.  
ABN.

**Criciuma (Forquilha-Criciuma)**

92' SBCM CCM -03:00\* S28 43.5 W049  
25.3

Ground Services (48) 3437-7452, (48)  
9154-4037, (48) 9623-9029.

**09/27** 4882' ASPHALT. PCN 22/F/C/X/U.  
TORA 09 4633'. TORA 27 4633'. LDA 09 4633'.  
LDA 27 4633'. TODA 09 4633'. TODA 27 4633'.  
ASDA 09 4764'. ASDA 27 5013'. RL.

ATND SKD MON-FRI, 1100-1500Z,  
1600-2100Z (EXC HOL). O/T O/R.

Birds in vicinity of airport.

Prohibited presentation Flight Plans via radio.

F-4, J.

ABN. Fire N.

**Cristiano Ferreira Varella** see **Muriae**

**Cruz (Comandante Ariston Pessoa)**

89' SBJE -03:00\* S02 54.4 W040 21.5

Apt Operator 85-2181-6215, 85-2181-6277,  
88-98817-3228. Ground Services (84)  
4141-2252, (88) 98148-4521.

**08/26** 7218' ASPHALT. PCN 62/F/B/W/T. RL.

ATND SKD 0800-1200Z and 1300-1700Z.

## BRAZIL

Aircraft operations outside of normal apt hrs, must contact apt with a minimum 1 hr prior to apt closing via tel.

J.

ABN. Fire 7 1500-2100Z.

**Cruzeiro Do Sul (Cruzeiro Do Sul-Intl)** Apt of Entry

636' SBCZ CZS -05:00 S07 36.0 W072 46.2

Apt Administration (68) 3311-1900; Fax (68) 3322-3530. (68) 3322-3032. Apt Manager superintendencia.sbcz@infraero.gov.br.

**10/28** 7874' ASPHALT. PCN 32/F/A/X/T. MIRL. 1115-2300Z. ATND SKD Mon & Thu 0100-0700Z 1200-2359Z; Sun, Tue, Wed, Fri, Sat 1200-2359Z. Customs: O/R with 10 days PNR.

Bird concentrations in the vicinity of the airport.

PPR for acft with wingspan greater than 39' (12 m) staying longer than 3 hrs.

Rwy 10/28 180 deg turn around outside turn-around area prohibited for acft with wingspan greater than 66' (20 m).

F-4, Jet A-1.

ABN. Fire 5.

**Cuiaba (Marechal Rondon Intl)** Apt of Entry

617' SBCY CGB -04:00\* S15 39.0 W056 07.0

Apt Administration (65) 3614-2500; Fax (65) 3614-2575. (65) 3614-2549, (65) 3614-2570, (65) 3682-0355, (92) 3652-5374, (92) 3652-5375, (92) 3652-5384. ATS (65) 3614-2534. Ground Services (65) 3682-1995.

**17/35** 7546' ASPHALT. PCN 46/F/B/X/U. RL.

H24. ATND SKD H24. Customs: O/R.

Bird activity in vicinity of the airport.

AD closed for Intl Ops with PAX.

ADAvbl only Intl Ops of cargo after previous authorization and coordination with local airport administration at least 48 hr before landing or takeoff.

Overflight and transit Auth issuing for civil foreign Acft on private non-commercial flights services Mon-Fri: 1230-2230Z.

Nonscheduled Acft Dest to the general aviation apron, and planned to remain longer than the time for embarking/disembarking procedures must REQ AUTH 2 HR in advance before landing to the airport Operation Center by telephone.

180 deg Turn-Around of medium and large aircraft not permitted in RWY 17/35, turns authorized only at Thld.

Filing of abbreviated flight plan via radiotelephony is prohibited, except Acft prescribed in operational agreements with ATC units of the location. Flight plans accepted via internet/telephone/Fax, at any AISoffice located in the Amazonica FIR.

F-4, Jet A-1.

ABN. Fire 7.

**Curaca (Juazeiro)**

1286' SDKF +03:00\* S09 09.3 W040 05.5

**18/36** 4265' ASPHALT. PCN 12/F/B/Y/U.

ATND SKD SR-SS.

**Curitiba (Afonso Pena Intl)** Apt of Entry

2989' SBCT CWB -03:00\* S25 31.9 W049 10.6

Apt Administration (41) 3381-1190, (41) 3381-1478, (41) 3381-1515; Fax (41) 3381-1127; afonso\_pena@infraero.gov.br. (41) 3381-1196. Ground Services (41) 8829-8148, (41) 9965-1594.

**11/29** 5899' ASPHALT. PCN 33/F/A/X/T. MIRL.

**15/33** 7277' ASPHALT. PCN 42/F/A/X/T. HIRL. HIALS 15.

H24. ATND SKD 0700-0400Z O/T O/R. Customs: H24.

CAUTION: Birds in vicinity of Apt.

2 hr PPR for General Aviation parking.

Glider activity not permitted in vicinity of airport.

## BRAZIL

Ultralight activity not permitted in vicinity of airport.

Object launching or pulverizing not permitted in vicinity of airport.

Hot air balloons in vicinity of airport mainly on April, May, June and July.

PLN and its updates can be filed at TEL (41) 3381-1195 and FAX (41) 3381-1198.

Parachute activity not permitted in vicinity of airport.

Acrobatic flight not permitted in vicinity of airport.

Transmission of simplified PLN to TWR by radio telephony is prohibited.

Boeing 747-8F aircraft operations are permitted in accordance with special operations.

RWY 15/33 prohibited arrival or departure to ACFT with wingspan above 118' (36 m) with ACFT on TWY BRAVO during IMC operations.

RWY 15/33 with RVR below 1804' (550 m) or ceiling below 200' prohibited arrival or departure with ACFT on TWY BRAVO during IMC operations.

RWY 15/33 turns outside the turn around bay prohibited for ACFT with wingspan above 118 ft (36 m).

The airport can be regularly used by ACFT compatible with RCD 4E or lower.

Jet A-1.

ABN. Fire 9.

**Curitiba (Bacacheri)**

3058' SBBI -03:00\* S25 24.2 W049 14.0

Apt Administration (41) 3256-1441, (41) 3256-1712.

**18/36** 4560' ASPHALT. PCN 21/F/B/X/T. TORA 36 3576'. LDA 18 3576'. TODA 36 3576'. RL.

ATND SKD During hours of scheduled operations 1000Z-SS.

Rwy 18 first 984' (300 m) closed for landing and Rwy 36 last 984' (300 m) closed for takeoff.

Parking for general aviation only with approval of airport administration and 2 hrs PNR.

Prohibited aircraft weighing more than 10000 Lb (5.0 T) on Twy ALFA.

Bird concentration in the movement area of aerodrome.

Attention to the possibility of unmanned hot air balloons in the vicinity of the airport June, July, August, September and October.

F-4, J.

ABN. Fire N.

**Curitiba (Lauro Antonio da Costa)**

3209' SSKU QCR -03:00\* S27 17.2 W050 36.2

Ground Services (49) 99921-5011.

**11/29** 4068' ASPHALT. PCN 22/F/A/Y/T. RL.

ATND SKD 1100-2100Z.

Traffic pattern altitude: 1100ft (335.3m).

F-4, J.

ABN.

**Currais Novos**

1198' SNKN QCP -03:00 S06 16.8 W036 32.4

**10/28** 3412' CLAY/SAND. PCN 6/F/B/Y/U.

SR-SS.

**Curvelo**

2205' SNQV -03:00\* S18 46.0 W044 27.5

**09/27** 3937' ASPHALT. AUW-11/0.5000 MPa.

SR-SS. ATND SKD SR-SS.

**Dep. L. E. Magalhaes Intl see Salvador****Diamantina (Juscelino Kubitschek)**

4449' SNDD -03:00\* S18 13.9 W043 39.0

Apt Administration (38) 99826-2183.

**03/21** 5282' ASPHALT. PCN 14/F/B/X/T. RL.

Aircraft operation between 2100-1100UTC only with previous authorization 1hr minimum before landing- takeoff contact airport.

**BRAZIL**

ABN.

**Diamantino**

1476' SWDM DMT -04:00\* S14 22.6 W056  
24.0

**17/35** 4856' ASPHALT. PCN 13/F/C/Y/U.

F-4.

**Dianopolis**

2395' SWDN DNO -03:00\* S11 35.7 W046  
50.9

**10/28** 4921' ASPHALT. PCN 12/F/B/X/T.

SR-SS.

**Divinopolis (Brigadeiro Antonio Cabral)**

2608' SNDV DIQ -03:00\* S20 10.9 W044  
52.2

Apt Administration (37) 3216-4952,  
99938-1139. Apt Operator On Call  
(37)-3215-8823, (37)-99126-0451,  
(37)-99812-1415. Ground Services (37)  
3216-4952, 99840-0415.

**17/35** 5052' ASPHALT. PCN 20/F/B/X/T. RL.

Aircraft with 81' (24.57m) wingspan or greater  
must enter or exit the Rwy only by Twy via THR  
17 access.

Night operations require 4HR PPS. Call airport.

F-4.

ABN.

**Divisa see Encruzilhada**
**Dix Sept Rosado see Mossoro**
**Dourados**

1503' SBDO DOU -04:00\* S22 12.0 W054  
55.5

ATS (67) 3411-7124.

**06/24** 6398' ASPHALT. PCN 28/F/B/X/T. RL.

ATND SKD MON - SAT 0000-0800Z and  
1100-2200Z. SUN 1230-1430Z.

Aircraft operations without radio equipment pro-  
hibited daily 1330Z - SR.

VFR operations only for Acft of performance  
and dimensions of type ATR 72 or higher.

F-4, J.

ABN. Fire N.

**Dracena**

1220' SDDR QDC -03:00\* S21 27.6 W051  
36.4

**09/27** 4921' ASPHALT. PCN 14/F/A/X/T. RL.

Traffic Pattern to the South of the aerodrome  
only.

ABN.

**Eduardo Gomes Intl see Manaus**
**Eirunepe**

413' SWEI ERN -05:00 S06 38.2 W069 53.0

**16/34** 7546' ASPHALT. PCN 30/F/C/X/U.

SR-SS.

Fuel only available to military aircraft with prior  
permission only.

J.

**Elias Breder see Manhuacu**
**Encruzilhada (Divisa)**

2710' SNDW -03:00\* S15 31.2 W040 52.3

**08/26** 3937' ASPHALT. AUW-6/0.5000 MPa.

SR-SS.

**Engenheiro Gastao de Mesquita Filho see  
Cianorte**
**Erechim**

2497' SSER ERM -03:00\* S27 39.6 W052  
16.6

**14/32** 4199' ASPHALT. PCN 11/F/B/X/U. RL.

Due to obstacles, ultralight training, gliders in  
vicinity of airport. The mandatory traffic circuit is  
via South West sector of airport.

Ultralight and glider operations in vicinity of air-  
port.

ABN.

## BRAZIL

**Euclides Da Cunha**

1499' SNEU Mil. -03:00\* S10 31.5 W039 02.1

**18/36** 3937' ASPHALT. PCN 10/F/C/Y/U.  
ATND SKD SR-SS.

**Eurico De Aguiar Salles see Vitoria****Everaldo Moraes Barreto see Adamantina****Feira de Santana (Joao Durval Carneiro)**

784' SBFE -03:00 S12 12.0 W038 54.0

Apt Administration On Call (75) 3625 3359, (75) 3625-1667, (75) 3625-3758, (75) 3625-5213.  
Ground Services On Call (71) 8674-2649, (71) 8845-9536.

**13/31** 4921' ASPHALT. PCN 30/F/A/X/T. RL.

MON to FRI 1300-1730LT. O/T O/R. MON to SAT 0630-1700LT. 24HR PNR. ATND SKD 1100-2100Z O/R.

F-4, J.

ABN. Fire N Sun 1200-2000Z.

**Fernando De Noronha**

190' SBFN FEN -02:00\* S03 51.3 W032 25.7

(81)2129-8093, (81)2129-8094. Ground Services sdoc.cindacta3@fab.mil.br.

**12/30** 6053' ASPHALT. PCN 30/F/C/X/U. RL.

Rwy 12 Right-Hand Circuit.

ATND SKD Only for military aircraft 1000-2000Z with 72 hrs PNR.

Birds in vicinity of the airport.

Due to airport operations crews should be aware of possible spatial disorientation occurrences.

Minimum 24 hours PPR for civil and private aircraft operations outside the operating hours. Request should be sent to Cindacta 3, during administrative hours, by Tel/Fax (81) 2129-8242 or 2129-8132.

Traffic holding pattern should be performed South sector of the airport, fixed wing aircraft minimum altitude at 1300', helicopters minimum altitude 900'.

Private or charter flights must request and obtain authorization from the archipelago's general administration and register in item 18 of the PLN, via Tel (81) 3182-9611 and Fax (81) 3182-9655.

J.

ABN. Fire 5.

**Fernandopolis (Coronel Aviador Carlos Orleans)**

1640' SDFD -03:00\* S20 16.6 W050 12.8

**08/26** 3281' ASPHALT. PCN 16/F/A/X/T.

SR-SS. ATND SKD SR-SS.

F-4.

**Florianopolis (Cangapara)**

689' SNQG FLB -03:00 S06 50.7 W043 04.6

**16/34** 5906' ASPHALT. PCN 6/F/C/Y/U.

SR-SS.

**Florianopolis (Hercilio Luz Intl)** Apt of Entry

17' SBFL FLN -03:00\* S27 40.2 W048 33.1

Apt Administration (48) 3331-4000; cco@floripa-airport.com. (48) 3012-4434, (48) 3331-4012, (48) 3331-4074, (48) 3331-4095; H24 (48) 3229-5039; cco@floripa-airport.com. Ground Services (48) 3235-1060, (48) 99143-1983, (48) 99811-9847; H24 (48)3236-0048, (48)3236-1464, (48)8402-2310, (48)8408-7156, (48)8456-7299, (48)8835-6655.

**03/21** 4921' CONCRETE. PCN 26/R/B/X/T. TORA 03 3871'. TORA 21 4331'. LDA 03 3280'. LDA 21 3871'. TODA 03 3871'. TODA 21 4331'. ASDA 03 3871'. ASDA 21 4331'. MIRL.

Rwy 21 Right-Hand Circuit.

**14/32** 7530' ASPHALT. PCN 48/F/B/X/T. TORA 14 7234'. TORA 32 7234'. LDA 14 7234'. LDA 32 7234'. ASDA 14 7234'. ASDA 32 7234'. HIRL. HIALS 14.

## BRAZIL

Rwy 32 Right-Hand Circuit.

H24. ATND SKD H24. Customs: H24.

Caution: birds in vicinity of airport.

General aviation aircraft with wingspans smaller than 49' (15 m) shall be guided by marshals to the parking area for small aircraft.

ACN/PCN balance, jet blast, and wingspan and length, for aircraft with wingspan equal or larger than 118' (36 m), restrict aircraft's use of certain taxiways when using their own power. Twr will coordinate with AD administration the operations with larger aircraft.

Ops for B757-200 Acft allowed according to special procedures described in the MOPS.

Restrictions for Acft without radio or transponder, gliders, powered ultralights, parachute or object launching, acrobatic flight and Acft pushback ops.

Restrictions to runway 14/32 and 03/21 operations during night hours are not applicable to military aircraft provided that crew declare that they are familiar with the area and aware of the existence of the elevation around the aerodrome, as determined by the criteria and responsibility of the air unit commander.

Noise abatement procedures for aircraft causing a noise level above that allowed are those that do not comply with the limits included in the Chapter 3, Annex 16, ICAO and also those included in the AIP-MAP.

The Airport Authority shall notify the ANAC if an aeroplane causes a noise level above that allowed. The ATC shall notify the Aviation Inspection Department of every operation deviating from the above-mentioned provisions.

Parking of General Aviation Acft with ground stay over 1 hr requires previous coordination with the Operations Control Center (CCO) at least 24 hrs before landing.

The AD can be regularly used by any Acft compatible with RCD 4C or lower.

Ops for general aviation Acfts waiting more than 26455 lbs (12 t) only after authorization from local Ops center, with Mim 24 hrs PNR.

Fuel hours for 100/130 & kerosene are 24 hours and between 0300/0800 are subject to 20 min delay if not advised in advance.

It is forbidden to file an abbreviated flight plan.

F-4, Jet A-1.

ABN. Fire 7.

**Fonte Boa**

207' SWOB -04:00 S02 32.0 W066 04.0

Apt Administration (97) 3423-1220, (97) 99477-5119.

**18/36** 4167' ASPHALT. PCN 6/F/C/Y/U.

Prohibited landing operations on RWY 18/36, excluding medical emergency operations and transport of goods. Prior coordination with airport operator must be performed via TEL.

**Formosa**

3185' SWFR -03:00\* S15 33.4 W047 20.7

**05/23** 4593' ASPHALT. AUW-13/0.5000 MPa.

**Formosa do Rio Preto**

1677' SDKJ -03:00\* S11 01.3 W045 11.2

**13/31** 4331' ASPHALT. PCN 10/F/B/Y/U.

SR-SS.

**Forquilha-Criciuma see Criciuma**

**Fortaleza (Pinto Martins Intl)** Apt of Entry

82' SBFZ FOR -03:00 S03 46.5 W038 31.9

Apt Administration (85) 3392-1030, (85) 3392-1037; apocfor@fraport-brasil.com. (81) 2129-8093, (81) 2129-8094.

**13/31** 8350' ASPHALT. PCN 66/F/A/X/T. HIRL.

H24. ATND SKD H24. Customs: H24.

CAUTION: Birds in the vicinity of the airport.

CAUTION: During IMC operations for aircraft landing on runway 13/31 with a wingspan between 171' (52m) and 213' (65m) the following restrictions apply. Taxiway A will not be



**BRAZIL**

available for aircraft with wingspan greater than 118' (36m). Taxiway J will not be available for aircraft with wingspan greater than 171' (52m).

Twy Juliet between Twy India and Twy Echo Ops prohibited for aircraft with wingspan greater than and including 118' (36 m).

Jet or turbo-propeller Acft with wingspan greater than 79' (24 m) prohibited from maneuvering with Acft tail towards passenger terminals and general aviation bldgs.

Medium and large aircraft, leaving the general aviation terminal to enter or cross runway, are prohibited to use Taxiway E.

Jet and turboprop aircraft with wingspan greater than 79' (24 m) are required to push back from Apron 2 and 3.

Prohibited traffic to aircraft reference code Echo in Twy Juliet between India and Echo.

Taxiing operations are prohibited for aircraft with a wingspan greater than 79' (24 m) on TWY ALFA and and greater than 118' (36m) on TWY JULIET during landing and take-off Acft operations with a wingspan between 171' (52 m) and 213' (65 m) on RWY 13/31, when OPR IMC.

Taxiing operations are prohibited for aircraft with a wingspan greater than 118' (36 m) in Taxiway A, and greater than 171' (52 m) in Taxiway Juliet, during landing and take-off aircraft operations with a wingspan between 118' (36 m) and 171' (52 m) in Rwy 13/31, OPR IMC.

Taxiing operations are prohibited for Acft with a wingspan above 171' (52 m) on Twy Alfa during landing and takeoff ops with wingspan between 79' (24 m) and 118' (36 m) on Rwy 13/31 when OPR IMC.

Engine run-up in front of the tower and at any place between 2200-0600Z is prohibited.

Engine run-up at the parking apron of the general aviation terminal (TAG), in front of TWR and passenger terminal facilities, cargo terminal

(TECA), in front of the terminal, and the TPS-1, in front of the passenger terminal is prohibited.

Taxiing operations are prohibited between Twy India and Twy Echo for acft with wingspan above 118 ft (36m).

Radio and transponder required.

Restrictions for Acft without radio eqpt, gliders, ultralights, object launching or pulverizing, Acft pushback ops, parachute launching, and acrobatic flight.

Jet or turboprop ACFT are prohibited to perform maneuvers in MIL apron directing their tails to the Authorities Room, CAN cargo warehouses and ESM hangars.

Twy India not Avbl for aircraft with wingspan above 108ft (33m) (B727-200), whenever position 3A is being used by Acft with wingspan above 161ft (49m) (B767-200). Access from/to Thr 13 must be through Twy Echo.

Aircraft causing a noise level above that allowed are those that do not comply with the requirements established in the BRAVO and CHARLIE letters of item 36.103 of the Brazilian Aviacao Civil (RBAC 36), equivalent to chapters 3 and 4, respectively, of Annex 16 Volume 1 of the International Civil Aviation Convention restrictions for DEP: procedures for departure should be conformed estimated in SID.

Procedure of noise abatement for ACFTs causing a noise level above that allowed will (according to AIP Brazil AD 2.21) perform the eqpt specific noise abatement process or maintain V2 + 10KT 882FT or V2 + 10KTE and V2 + 20KT at 882FT.

Obstacle on the left from Rwy 13, with elevation 154' (47 m).

The AD can be used regularly by any Acft compatible with RCD 4E or lower.

Flight Plan and its update can be filed by TEL.

Transmitting PLN and its update by radiotelephony is prohibited.



## BRAZIL

Military AIS Flight Plan and its update can be filed by TEL, Monday-Thursday 1100-1430, 1600-2000, Friday 1100-1500, excluding Holidays.

F-4, J.

ABN. Fire 8.

**Forte Coimbra see Corumba**

**Forte Principe Da Beira see Costa Marques**

**Foz Do Iguacu (Cataratas Intl)** Apt of Entry

787' SBF I IGU -03:00\* S25 36.0 W054 29.1

Apt Administration (45) 3521-4200; Fax (45) 3521-4264; joacir\_santos@infraero.gov.br. (45) 3529 6645; Fax (45) 3529 6645. Ground Services On Call (45) 3521-4200.

**14/32** 7201' ASPHALT. PCN 51/F/B/X/T. TORA 14 6906'. TORA 32 6873'. LDA 14 6906'. LDA 32 6873'. TODA 14 9826'. TODA 32 9826'. ASDA 14 6906'. ASDA 32 6873'. MRL. MIALS 14.

Rwy 32 Right-Hand Circuit.

H24. ATND SKD 0800-2300Z. O/T O/R. Customs: H24.

Birds in vicinity of airport.

Turning bay Rwy 14/32 180 Deg turns for Acft with wingspan of 66' (20 m) or greater authorized only in turning bay.

100 octane, Jet A-1.

ABN. Fire 7.

**Franca (Tenente Lund Pressoto)**

3291' SIMK FRC -03:00\* S20 35.4 W047 22.9

Apt Administration (16) 3701-7304.

**05/23** 6562' ASPHALT. PCN 26/F/B/X/T. RL.

Rwy 23, first 1230' (375m) not available due to obstacle.

Rwy 05, first 295' (90m) not available due to obstacle.

ATND SKD By Operational Requirements.

For night operations prior permission required via TEL.

F-4.

ABN.

**Francisco Beltrao**

2100' SSFB FBE -04:00\* S26 03.5 W053 03.8

**07/25** 4396' ASPHALT. PCN 11/F/C/Y/U. RL. ATND SKD 0900-2200Z.

F-4.

ABN.

**Francisco De Assis see Juiz De Fora**

**Frutal**

1808' SNFU -03:00\* S20 00.3 W048 57.5

Apt Manager 551-1808.

**07/25** 3281' ASPHALT. AUW-13/0.5000 MPa. SR-SS.

**Galeao-Antonio Carlos Jobim Intl see Rio De Janeiro**

**Garanhuns**

2533' SNGN QGP -03:00\* S08 50.1 W036 28.3

Apt Operator (87) 3762-1771, (87) 3762-9442.

**16/34** 4114' ASPHALT. PCN 6/F/C/Y/T.

SR-SS.

Night operations for landing and take-off require 1 hour advance notice, via TEL.

ABN.

**Garca**

2182' SDGC -03:00\* S22 11.0 W049 39.4

**01/19** 3281' DIRT. PCN 8/F/C/Y/U. Rwy 01 Landing not allowed. Rwy 19 Takeoff not allowed.

Traffic pattern N of Apt, Mim Hgt of 1000'.

**Garibaldi**

2231' SSGA -03:00\* S29 16.1 W051 31.9

**BRAZIL**

**14/32** 3937' ASPHALT. PCN 8/F/C/Y/U.  
SR-SS.

**Gen Leite De Castro see Rio Verde**

**Gentio De Ouro**

3550' SNGT -03:00\* S11 26.5 W042 31.1

**06/24** 4265' ASPHALT. PCN 10/F/B/Y/U.  
SR-SS.

**Glauber De Andrade Rocha see Vitoria Da Conquista**

**Goiana (PRES Itamar Franco)**

1352' SBZM IZA -03:00\* S21 30.8 W043 10.4

ATS (32) 3274-6213, (32) 3274-6222,  
(32)8457-5555. Ground Services (32)  
99918-5570, (32) 99921-2229, (32)  
99950-1396.

**08/26** 8284' ASPHALT. PCN 66/F/B/X/T. RL.

ATND SKD Mon-Fri, 1100-2200Z; Sat  
1200-1500Z; Sun 1800-2200Z; O/T O/R.

Rwy 08 not available for aircraft landing with  
performance and dimensions of type ATR 72 or  
higher under IFR.

Flight plan not accepted by Radio.

Rwy 26 not available for aircraft take-off per-  
formance and dimensions type ATR 72 or  
higher.

AD can be regularly used by RCD 4D.

Operation of Acft type RCD D letter are limited  
to those with outer width between landing gear  
wheels (OMGWS) of a Max of 36' (11.05 m).

J.

ABN. Fire 5 Cat 7: 1501-2000Z. Cat 5:  
0900-1500Z, 2001-2300Z.

**Goiania (National Aviation Aerodrome)**

2726' SBNV -03:00\* S16 37.5 W049 21.0

**14/32** 3609' ASPHALT. AUW-13/0.5000 MPa.  
SR-SS. ATND SKD SR-SS.

Birds (black vultures) in vicinity of airport.

Operations of landing and take off prohibited  
outside of AFIS hours.

Simple Flight Plan and update messages of Air-  
craft taking off from SBNV must be submitted to  
the Goiania or Annapolis AIS.

F-4.

**Goiania (Santa Genoveva Intl)**

2450' SBGO GYN -03:00\* S16 37.8 W049  
13.6

(62) 98114-6824, (62) 98530-0000, (62)  
99201-6751, (62)3265-1579.

**14/32** 7500' ASPHALT. PCN 67/F/B/X/T.

ATND SKD H24.

Birds in vicinity of airport.

First 492' (150 m) of Rwy 14 closed for takeoff  
due to jet blast effects.

Restrictions to classes and types of ACFT:  
ACFT W/O radio equipment; Gliders; ACFT  
W/O transponder or faulty equipment; Flight of  
motorized ultralights.

Restriction of air services: Launching of objects  
or spraying; ACFT towing; Launch of para-  
chutes; Aerobatic flight.

PPR for filing SBGO as an alternate airport

Acft within the TMA limits must present flight  
plan to any Goiania or Anapolis AIS room  
before departure.

Occasional alternate of Brasilia - DF, with PCN  
42/F/B/X/T.

Prohibited presentation of flight plans by radio-  
telephony.

F-4, J.

ABN. Fire 7.

**Gov Aluizio Alves Intl see Natal**

**Governador Jorge Teixeira de Oliveira Intl  
see Porto Velho**

**Governador Jose Richa see Londrina**

## BRAZIL

**Governador Valadares (Cel. Altino Machado)**

563' SBGV GVR -03:00\* S18 53.8 W041 59.2

Apt Administration (33) 3277-1067, (33) 98426-4192. (33) 3277-1067. ATS (33) 3277-1067. Ground Services (31) 98663-1001, (33) 3277-5304.

**07/25** 5581' ASPHALT. PCN 31/F/B/X/T. RL.

Rwy 25 Right-Hand Circuit.

Mon-Fri 1000-2200Z exc HOL O/T O/R ATND SKD Mon-Fri 1000-2200Z exc HOL O/T O/R.

Bird concentration in vicinity of threshold Rwy 07.

Night lighting operations hours: Mon-Fri SS-2200Z, exc HOL. Other times on request via phone (til 2000Z). Rwy 07 first 659' (201m) closed for landing.

Rwy 25 last 659' (201m) closed for take-off.

ATR 72 operations allowed only in Visual Flight Weather Conditions (IMC).

Airport can be used regularly by any aircraft compatible with RCD 2C or lower.

Rwy 07/25 180 Deg turn authorized only at Thr. F-4, J.

ABN.

**Guadalupe**

564' SNGD GDP -03:00 S06 46.9 W043 34.9

**15/33** 5249' SAND/CLAY. PCN 9/F/C/X/U. SR-SS.

**Guaira**

889' SSGY -03:00\* S24 04.8 W054 11.3

**07/25** 4265' ASPHALT. PCN 13/F/C/Y/U. SR-SS.

**Guajara Mirim**

479' SBGM GJM -04:00 S10 47.3 W065 16.9

(21) 2101-6865, (21) 2174-7306.

**17/35** 5889' ASPHALT. PCN 30/F/C/X/U. RL.

Rwy 35 Right-Hand Circuit.

ABN.

**Guanambi**

1814' SNGI GNM -03:00\* S14 12.5 W042 44.8

Apt Administration (77) 451-6038. Ground Services (77) 3451-6363, (77) 9994-2835.

**14/32** 5577' ASPHALT. PCN 18/F/A/Y/T. RL.

ATND SKD 1100-2100Z; O/T O/R via TEL.

Closed traffic only authorized to the Southwest of airfield.

Night operations must be requested via telephone.

F-4, J.

ABN.

**Guaranta Do Norte (Campo de Provas Brig. Veloso)**

1762' SBCC Mil. -03:00 S09 20.0 W054 57.9

ARO (61) 3364 8590. Ground Services (61) 3364-8895; diretor.cpbv@gmail.com.

**12/30** 8527' ASPHALT. PCN 44/F/C/X/U. RL.

ATND SKD Fuel Services for Military Acft only. Non-military acft, 48 hrs PPR.

Prior permission required for civil acft operations.

Overflight of areas SBR-618, SBR-619 AND SBR-620 prohibited.

Overflight of AD must be at a minimum of FL065 due to area SBR-608 activated permanently.

On RWY 10/28 Prohibited 180° turn for aircraft with 66' (20m) wingspan or greater out of turn bay area.

J.

ABN.

**Guarapari**

30' SNGA GUZ -03:00\* S20 38.8 W040 29.5

## BRAZIL

Ground Services (27) 3262-7123.

**06/24** 3084' ASPHALT. PCN 13/F/C/X/T. RL.

ATND SKD 1100-2200Z. O/T O/R.

Threshold displaced 525ft (160M) Rwy24 landing, Rwy06 takeoff due to obstacle.

Traffic circuit only on the Northwest sector of Apt.

F-4, J.

ABN.

**Guarapuava (Tancredo Thomas de Faria)**

3494' SSGG GPB -03:00\* S25 23.3 W051 31.3

Apt Administration (42) 3627-4991. ATS On Call (42)3627-4991, (42)9936-4007.

**08/26** 5315' ASPHALT. PCN 23/F/C/X/T. RL.

F-4, J.

ABN. Fire N.

**Guararapes-Gilberto Freyre Intl see Recife**

**Guaratingueta**

1761' SBGW GUJ -03:00\* S22 47.5 W045 12.3

(12) 21317690.

**02/20** 5089' ASPHALT. PCN 15/F/C/Y/U. RL.

Rwy 20 Right-Hand Circuit.

0900-2300Z, O/T O/R, 48hrs PNR. ATND SKD MON-FRI, 1100-1930Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

The use of the Military Apron by Civilian Acft is only permitted with the authorization of the commander. More information at: [www.eear.aer.mil.br](http://www.eear.aer.mil.br).

Movement of Acft for air club, during night, can be carried out only by towing.

J.

ABN. Fire 5 MON-FRI 0900-2300Z Exc. HOL. CAT 6 O/R.

**Guaratuba**

49' SSGB -03:00\* S25 52.8 W048 36.7

**01/19** 3248' ASPHALT. AUW-6/0.5000 MPa. SR-SS.

**Guaruja (Base Aerea De Santos)**

13' SBST SSZ -03:00\* S23 55.7 W046 18.0

Apt Administration (13) 3341-7113 R: 202/203.

**17/35** 4560' ASPHALT. PCN 32/F/C/X/U. RL.

Rwy 17 Right-Hand Circuit.

0900-2300Z. ATND SKD 0900-2100Z.

CAUTION: Operate with caution on the helicopter parking apron due to people and vehicles.

Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 3.

**Guarulhos-Gov Andre Franco Montoro Intl see Sao Paulo**

**Guaxupe**

2785' SNGX -03:00\* S21 19.6 W046 43.8

**12/30** 4921' ASPHALT. PCN 19/F/A/Y/T.

ABN.

**Gurgueia see Bom Jesus Do Gurgueia**

**Gurupi**

1181' SWGI GRP -03:00\* S11 44.3 W049 07.9

Apt Operator (63) 3312-8351, (63) 3313-1222, (63) 8112-8417, (63) 8115-0654, (63) 8402-4531, (63) 8474-1783, (63) 9965-5053.

**12/30** 5577' ASPHALT. PCN 10/F/B/X/T. RL.

SR-SS. ATND SKD SR-SS.

F-4, J.

ABN.

**Helmuth Baungartem see Lontras**

**Hercilio Luz Intl see Florianopolis**

**Horacio de Mattos see Lencois**

**Horizontina**

1017' SSHZ -03:00\* S27 38.3 W054 20.3

## BRAZIL

**15/33** 3445' ASPHALT. PCN 6/F/C/Y/U.  
SR-SS.

**Humaita**

230' SWHT -03:00\* S07 32.0 W063 03.0

**14/32** 4987' ASPHALT. PCN 7/F/B/Y/U.

SR-SS.

**Ibaiti (Moises Lupion)**

1969' SSAB -03:00\* S23 45.8 W050 15.9

**05/23** 3937' ASPHALT. AUW-13/0.5000 MPa.

ATND SKD SR-SS.

**Ibitinga**

1778' SDIG -03:00\* S21 44.8 W048 51.3

**13/31** 3937' ASPHALT. AUW-12/0.5000 MPa.

SR-SS.

**Ibotirama**

1385' SNIT -03:00\* S12 09.9 W043 13.5

**16/34** 3609' ASPHALT. PCN 6/F/C/Y/U.

SR-SS.

**Iguatu**

699' SNIG QIG -03:00 S06 20.9 W039 17.9

Apt Administration On Call (88) 3581-4069, (88) 3582-4693.

**16/34** 4626' ASPHALT. PCN 16/F/C/Y/U.

SS-SR. O/T O/R via phone.

ABN.

**Ijuí**

1198' SSIJ IJU -03:00\* S28 22.2 W053 50.7

**18/36** 3642' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

Aircraft and glider training in vicinity of airport.

**Ilheus (Bahia-Jorge Amado)**

14' SBIL IOS -03:00\* S14 48.9 W039 02.0

Apt Administration (73) 3234-4000, (73) 3234-4006; fiscal.sbil@socicam.com.br.

Ground Services (73) 3231-8571, (73) 3634-1314.

**11/29** 5174' ASPHALT. PCN 35/F/B/X/T. TORA 11 4813'. LDA 29 4813'. TODA 11 4813'. ASDA 11 5371'. ASDA 29 5338'. RL.

0900-0100Z. O/T with Mim 24 hr PNR. ATND SKD 0900-2200Z. O/T O/R.

CAUTION: During operations on Thr 29 due to intense vehicle movements at a distance of 328 ft (100m) on the extension of runway centerline. -

Rwy 29: First 361' (110m) not available for landing, Rwy 11: Last 361' (110m) not available for take-off due to obstacle. -

Birds in vicinity of airport.

General aviation and air taxi Acft PPR. Compulsory contact by tel at least 48 hours in advance of the expected arrival time, parking coordination purposes. Subject to availability of patio positions.

F-4, J.

ABN. Fire 6 Mon-Fri: 1500-1945Z. Sat: 1300-1945Z. Sun: 1200-1945Z. O/T O/R with 72 hrs PNR for Acft above 60 seats.

**Imperatriz (Prefeito Renato Moreira)**

430' SBIZ IMP -03:00 S05 31.8 W047 27.5

Apt Administration (99) 3524-4666, (99) 99122-1786. (99) 3524-4993. Ground Services (99) 3525-4313, (99) 3528-4312, (99) 99149-4852, (99) 99150-6905.

**07/25** 5899' ASPHALT. PCN 50/F/A/X/T. RL.

ATND SKD 0800-0200Z. O/T O/R.

Birds in the vicinity of the airport.

24 hrs PPR for general aviation or military Acft informing of the date of arrival/departure, landing/takeoff time, registration and Acft model.

The 3.36 percent gradient for the approach surface should be considered for the purpose of adapt the contingency procedure.

TPA 1030' (600') helicopter.

F-4, J.

**BRAZIL**

ABN. Fire 5.

**Ipatinga (Usiminas)**

784' SBIP IPN -03:00\* S19 28.2 W042 29.3  
(31) 3825-6060, (31) 9585-7279. Apt Operator  
(31) 3825-6060.

**05/23** 6575' ASPHALT. PCN 33/F/B/X/T. RL.

Mon-Fri 1000-2200Z. Sat, Sun, Hol O/R.

Acraft turns only on Threshold.

J.

**Ipiarau**

433' SNIU -03:00\* S14 10.4 W039 41.0

**13/31** 4265' ASPHALT. PCN 6/F/C/Z/U.

SR-SS.

Civil aircraft operation, only with prior permission from the department of transportation

**Ipiranga see Santo Antonio Do Ica**

**Irece**

2572' SNIC IRE -03:00\* S11 20.4 W041 50.8

Apt Operator (71) 3377-2451, (74) 3641-5131,  
(74) 3641-7010.

**11/29** 4593' ASPHALT. AUW-13/0.5000 MPa. RL.

SR-SS; O/T O/R via TEL.

ABN.

**Itacoatiara**

141' SBIC ITA -04:00 S03 07.6 W058 28.9

(92) 3652-5374, (92) 3652-5375.

**14/32** 4970' ASPHALT. PCN 8/F/C/Y/U.

Mon-Fri: 1215-1600Z, 1715-2045Z.

Caution: Bird strike hazard on RWY 14/32 (Vultures)

Airport prohibits operations of fixed wing aircraft.

**Itaituba**

108' SBIH ITB -03:00 S04 14.5 W056 00.0

(92) 3652-5374, (92) 3652-5375. Ground Services (21) 8245-1352, (93) 3518-1308, (93) 8814-0579.

**05/23** 5266' ASPHALT. PCN 26/F/B/X/T. RL.

ATND SKD 1000-2200Z. O/T O/R.

Birds in vicinity of airport, observe vultures NE/E.

The first 1017' (310m) of runway 05 closed to landing. The last 1017' (310m) of runway 23 closed to take-off.

F-4, J.

ABN. Fire 3.

**Itanhaem**

13' SDIM -03:00\* S24 09.9 W046 47.1

Apt Administration (13) 3421-3080.

**15/33** 4429' ASPHALT. PCN 31/F/C/X/T. RL.

Rwy 15/33 Right-Hand Circuit.

CAUTION: trees in vicinity of THR (RWY 15/33).

Birds in vicinity of Apt.

ABN. Fire N.

**Itaperuna**

410' SDUN -03:00\* S21 13.2 W041 52.5

**06/24** 3937' ASPHALT. PCN 13/F/A/X/T.

ATND SKD SR-SS.

**Itapetinga**

886' SNIP QIT -03:00\* S15 14.7 W040 16.6

**11/29** 3478' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

**Itaquí**

230' SSIQ ITQ -03:00\* S29 10.4 W056 32.2

Ground Services (55) 3433-2255.

**15/33** 3169' GRASS.

SR-SS. ATND SKD Mon-Sat; 1100-2100Z; O/T O/R via TEL.

Traffic pattern must only be run to the northeast of the airport.

## BRAZIL

F-4.

**Ituacu**

1755' SNYT -03:00\* S13 49.7 W041 18.1

**03/21** 4921' ASPHALT. PCN 10/F/B/Y/U.

SR-SS.

**Ituiutaba**

1985' SNYB -03:00\* S19 00.1 W049 29.2

**03/21** 5906' ASPHALT. PCN 8/F/B/X/U.

ATND SKD SR-SS.

F-4, J.

**Ituverava**

2044' SDIV -03:00\* S20 22.5 W047 46.1

**17/35** 3281' ASPHALT. AUW-11/0.5000 MPa.

SR-SS.

**Jaboticabal**

2051' SDJC -03:00\* S21 13.8 W048 17.1

**07/25** 3150' DIRT. AUW-12/0.5000 MPa.

SR-SS. ATND SKD SR-SS.

F-4.

**Jacareacanga**

325' SBEK JCR -03:00\* S06 14.1 W057 46.5

**08/26** 5249' ASPHALT. PCN 36/F/B/Y/U. ASDA 08 5463'. ASDA 26 5466'.

J.

**Jaguara see Sacramento****Jaguaruna (Regi Sul)**

115' SBJA -03:00\* S28 40.5 W049 03.6

ATS On Call (48) 3624-8801. Ground Services (41) 9734-3462, (47) 9925-5506, (48) 3624-8819.

**05/23** 8199' ASPHALT. PCN 57/F/A/X/T. TODA 05 9183'. TODA 23 9183'. RL.

Rwy 05 Right-Hand Circuit.

ATND SKD 1000-2200Z. O/T O/R.

J.

ABN. Fire 5.

**Janauba**

1732' SNAP -03:00\* S15 44.0 W043 19.4

**10/28** 4921' ASPHALT. AUW-13/0.5000 MPa.

SR-SS.

**Januarina**

1575' SNJN JNA -03:00\* S15 28.5 W044 23.2

**08/26** 3937' ASPHALT. PCN 10/F/B/Y/U.

SR-SS.

**Jardim**

1053' SSJI -04:00\* S21 29.6 W056 09.2

**18/36** 3117' ASPHALT. PCN 8/F/B/X/T.

SR-SS. ATND SKD SR-SS.

F-4.

**Jatai**

2552' SWJW -03:00\* S17 49.8 W051 46.5

**13/31** 4921' ASPHALT. PCN 10/F/B/X/U. RL.

F-4.

ABN.

**Jequie**

646' SNJK -03:00 S13 52.7 W040 04.3

**14/32** 3937' ASPHALT. PCN 8/F/C/Y/U.**Jequitinhonha**

853' SNJQ -03:00\* S16 28.3 W041 01.5

**10/28** 3707' ASPHALT. PCN 6/F/C/Z/U.

ATND SKD SR-SS.

F-2.

**Ji-Parana**

597' SBJI JPR -04:00 S10 52.2 W061 50.8

Apt Administration (69) 3424-4973, (69) 3424-8873, (69) 99931-6881. Ground Services On Call (69) 9975-3648, (69) 9986-5654, (69) 9986-6362.

## BRAZIL

**03/21** 5906' ASPHALT. PCN 30/F/C/X/U.

ATND SKD 1100-2200Z, O/T O/R with 3hr PPR.

The night operations should be requested from the Airport Manager until 1800Z by telephone contact.

F-4, J.

ABN. Fire 5.

**Joacaba (Santa Terezinha)**

2546' SSJA JCB -03:00\* S27 10.4 W051 33.1

Apt Operator (49) 3522-1692.

**15/33** 4134' ASPHALT. PCN 10/F/C/Y/U. RL.

Night operations on request; prior permission via TEL.

F-4.

ABN.

**Joao Correa Da Rocha see Maraba**

**Joao Durval Carneiro see Feira de Santana**

**Joao Pessoa (PRES Castro Pinto Intl)** Apt of Entry

217' SBJP JPA -03:00 S07 08.9 W034 57.0

Apt Administration (83) 3041-4200, (83) 3041-4201; Fax (83) 3041-4215; adaer-osbjp.cnrf@infraero.gov.br. (81) 2129-8093, (81) 2129-8094, (83) 3041-4233. Ground Services On Call (83) 3232-2265, (83) 9305-8023.

**16/34** 8251' ASPHALT. PCN 52/F/B/X/T. TORA 16 7956'. TORA 34 7956'. LDA 16 7956'. LDA 34 7956'. ASDA 16 7956'. ASDA 34 7956'. MIRL.

H24. ATND SKD 0800-2000Z. O/T O/R. Customs: H24.

Rwy 34 not available for landing to performance or jet acft.

Acft operations without radio prohibited. Must contact TWR prior to starting taxiing.

Restriction to Acft classes and types: Acft without radio equipment, gliders and Acft without

radio belonging to the flying club, Acft without transponder or with failure in this equipment.

Restriction to air services: object launching or pulverizing, Acft pushback operation, parachute launching, acrobatic flights, aerial advertising on banners towed by Acft.

Apron 1 and 2 not available in hours 0100-0800Z for night stay for general, military and cargo Acft.

Prohibited operation of aircraft without radio. Compulsory contact TWR Pessoa before starting the taxi and displacement.

Engine run up in front of the Twr and at any place between 2200-0600Z is prohibited.

Flight plan can be submitted by TEL: FAX PLN (83) 3232-4672.

Compulsory presentation of FPL or NTV to João Pessoa AIS Office.

Turn around for wide and medium-bodied ACFT only at turnaround areas of Rwy 16/34.

F-4, Jet A-1.

ABN. Fire 7.

**Joao Pinheiro**

2989' SNJP -03:00 S17 47.2 W046 07.2

**06/24** 4265' ASPHALT. AUW-13/0.5000 MPa. ATND SKD SR-SS.

**Joao Winckler Mun (Xanxere)**

2986' SSXX -03:00\* S26 52.5 W052 22.4

**18/36** 3770' ASPHALT. PCN 8/F/A/Y/T. RL. ABN.

**Jose Vicente Faria Lima see Tupa**

**Juazeiro see Curaca**

**Juazeiro Do Norte (Orlando Bezerra De Menezes)**

1342' SBJU JDO -03:00 S07 13.1 W039 16.2



## BRAZIL

Apt Administration (88) 3311-6510. (81) 2129-8093, (81) 2129-8094. Apt Operator 3572-0725. Ground Services (88) 3511-5385.

**13/31** 6365' ASPHALT. PCN 45/F/A/X/T.

Birds in vicinity of airport.

Ramp 2 limited to a maximum of 6 aircraft for a maximum of 3 hours subject to the authorization of AD Admin. RON not permitted without authorization.

F-4, J.

ABN. Fire 6.

**Juina**

1083' SWJN JIA -04:00\* S11 25.2 W058 42.1

**17/35** 5249' GRAVEL. AUW-12/0.5000 MPa.

SR-SS.

**Juiz De Fora (Francisco De Assis)**

2989' SBJF JDF -03:00\* S21 47.6 W043 23.1

Fax (32) 98848-8888. ATS Fax (32) 3237-4444. Ground Services (32) 3017-1400, (32) 98427-5867, (32) 99912-9999.

**03/21** 5036' ASPHALT. PCN 32/F/A/Y/T. RL.

ATND SKD 1100-2100Z. O/T O/R 2HR PNR.

Birds in vicinity of airport.

Requests for anticipation and / or extension of AIS / MET / AFIS business hours with the Mim 90 minutes PPR via phone.

Acraft departing SBJF prohibited presentation of flight plan via radiotelephony.

F-4, J.

ABN.

**Julio De Castilos**

1634' SSJK -03:00\* S29 09.2 W053 44.6

**12/30** 3904' SAND. PCN 8/F/C/Y/U.

SR-SS.

**Jundiai (CMTE Rolim Adolfo Amaro)**

2484' SBJD QDV -03:00\* S23 10.9 W046 56.6

Apt Administration (11) 4585-9730, (11) 4585-9732, (11) 4585-9734. Apt Operator (11) 4531-0082.

**18/36** 4593' ASPHALT. PCN 21/F/A/X/T. RL.

Missed APCH to RWY 18 must be accomplished with left turn from the THR 18.

Prohibited departure from RWY 18 and approach RWY 36, during the night, due to non signalized natural obstruction.

Birds in vicinity of airport.

Prior coordination required for touch and go landings by acft not based at SBJD and/or not landed at SBJD.

For submissions out of ATS operational hours, ACFT should submit flight plans to SBKP AIS office, prior to take-off.

Lighting (beacon) will remain on until 0200Z. After this HR O/R.

Gliders and training flights in vicinity of AD.

Submitting flight plan and its updates via radio is prohibited.

F-4, J.

ABN. Fire 3.

**Juscelino Kubitschek see Diamantina****Juscelino Kubitschek see Teofilo Otoni****Juvenal Loureiro Cardoso see Pato Branco****Labrea**

243' SWLB LBR -05:00\* S07 15.0 W064 47.0

Apt Administration 3219-7451.

**18/36** 3937' ASPHALT. PCN 7/F/C/Y/U. Rwy 18 Takeoff not allowed. Rwy 36 Landing not allowed.

SR-SS. ATND SKD SR-SS.

Birds in vicinity of airport.

**BRAZIL**

RWY 36 closed for landing and RWY 18 closed for takeoff due concentration of birds near the THR 36.

Flight plans are not accepted by radio. Flight plan must be filed before take off via internet, phone or by FAX.

F-4.

**Lages**

3064' SBLJ LAJ -03:00\* S27 46.9 W050 16.9

(49) 3227-0292. ARO (49) 9966-6414. Ground Services (49) 9918-3697, (49) 9973-0513, (49) 9996-3777.

**17/35** 5026' ASPHALT. PCN 17/F/C/Y/U. TORA 35 4731'. LDA 35 4731'. ASDA 35 4731'. RL.

ATND SKD 1100-1500Z, 1630-2100Z. O/T O/R.

Airport can be used regularly by any aircraft compatible with RCD 2C or lower. ATR 72 special operations in IMC are permitted according to special authorization described in the MOPS and approved by ANAC.

Non propelled ultralight traffic in vicinity of airport.

F-4, J.

ABN.

**Lagoa Santa**

2795' SBLS Mil. -03:00\* S19 39.7 W043 53.9

ATS (31) 3689-2532.

**13/31** 6037' ASPHALT. PCN 26/F/C/X/T. RL.

Rwy 31 Right-Hand Circuit.

Use of this airport by civil users is by prior permission only from the aeronautical authority.

Aircraft without radio are prohibited from operating at this airport.

Aircraft destined for SBLS under VFR plan must establish contact with Belo Horizonte Control upon entering Belo Horizonte TMA.

F-4, J.

ABN. Fire 5.

**Lauro Antonio da Costa see Curitibaanos**

**Lauro Kurtz see Passo Fundo**

**Lavras**

3146' SSOL -03:00\* S21 14.6 W044 58.2

On Call (35) 3826-9027.

**05/23** 4921' ASPHALT. PCN 12/F/C/Y/T. RL.

Night time operations O/R via Tel between 1000-0100Z. Pilot should inform about estimated time of landing/departure.

ABN.

**Leite Lopes see Ribeirao Preto**

**Leme (Yolanda Penteado)**

2024' SDLL -03:00\* S22 13.6 W047 22.9

**08/26** 3773' ASPHALT. PCN 7/F/B/X/U.

SR-SS.

Movement of ultralight vehicles in the traffic pattern.

**Lencois (Horacio de Mattos)**

1660' SBLE LEC -03:00\* S12 28.9 W041 16.6

Apt Administration (75) 99878-6080; On Call (75) 3625-8697; Fax (75) 3625-8100. Ground Services On Call (75) 3625-8100, (75) 3625-8784.

**14/32** 6831' ASPHALT. PCN 44/R/A/W/T. RL.

ATND SKD Mon-Fri, 1130-1500Z, 1600-2100Z. Sun 1500-1800Z. O/T O/R.

F-4, J.

ABN. Fire 5.

**Lencois Paulista (Mun Jose Boso)**

2037' SDLP QGC -03:00\* S22 34.7 W048 46.5

## BRAZIL

Apt Administration (14) 3269-9324; zlaviao@zilor.com.br. Ground Services (14) 9672-3327.

**07/25** 4147' ASPHALT. PCN 13/F/C/Y/T.

ATND SKD 1100-2100Z. O/T O/R.

Approval for night operation must be requested 2 days PNR on weekdays and between the hours of 1100-2000Z (1000-1900Z Brazilian summer schedule) via email, and confirmed via telephone.

Helicopter traffic circuit South sector of the AD.

F-4.

ABN.

**Linhares**

134' SNLN -03:00\* S19 21.3 W040 04.1

On Call (27) 3371-1734.

**06/24** 4429' CLAY/SAND. PCN 14/F/A/Y/T. RL.

Night operations on request via TEL.

ABN.

**Lins**

1574' SWXQ -03:00\* S21 39.8 W049 43.9

**14/32** 5577' ASPHALT. PCN 30/F/B/X/T.

F-4.

ABN.

**Londrina (Governador Jose Richa)**

1866' SBLO LDB -03:00\* S23 19.8 W051 08.2

Apt Administration (43) 3027-9104, 3325-8671. (43) 3337-5576. Ground Services (43) 3027-9105.

**13/31** 6890' ASPHALT. PCN 43/F/B/X/T estimated. TORA 13 6594'. TORA 31 5791'. LDA 13 5495'. LDA 31 5791'. TODA 31 5791'. ASDA 13 6594'. ASDA 31 5791'. RL.

ATND SKD 0700-0100Z. O/T O/R.

Birds in vicinity of aerodrome.

Access to general aviation hangars is not a TWY. Day and night operations at the risk of the aircraft operator. Via without marking.

Mandatory contact on 118.40 MHz for ground operations aircraft due to low visibility from tower to hangar.

General aviation: Due to the convergence of horizontal signaling, prohibited simultaneous movement of ACFT. Operate with caution and under authorization of ATC for arrival or departure.

Prohibited engine runup on apron and hangars. Engine runup only on TWY D with coordination of patio supervision and ATC.

24 hrs PPR for general aviation operations.

Rwy 13/31 180° turns authorized for aircraft above 88185 lbs (40 t) at the Rwy Thld only.

AIS accepts flight plan and updates via telephone (43) 3325-8671 and (43) 3027-9009.

AIS will not accept flight plan and updates via Londrina TWR by radiotelephone.

F-4, J.

ABN. Fire 7.

**Lontras (Helmuth Baungartem)**

1096' SSLN -03:00\* S27 09.6 W049 32.6

**07/25** 3609' ASPHALT. PCN 10/F/C/Y/U.

SR-SS. ATND SKD 1100-2100Z.

F-4.

**Lucas Do Rio Verde (Mun Bom Futuro)**

1690' SILC +04:00\* S13 02.2 W055 56.5

**08/26** 3281' ASPHALT. AUW-13/0.5000 MPa.

SR-SS.

F-4.

**Lucelia**

1476' SDLC -03:00\* S21 45.0 W051 01.1

**09/27** 3386' GRASS. AUW-12/0.6000 MPa.

SR-SS.

F-4.

**Luis Eduardo Magalhaes see Mimoso do Oeste**

**BRAZIL**
**Luiz Dalcanele Filho see Toledo**
**Luziania**

3267' SWUZ -03:00\* S16 15.7 W047 58.1

**11/29** 3937' ASPHALT. PCN 8/F/C/Y/U.

Gliders and ultralights in instruction flight in vicinity of airport.

F-4.

**Macaé**

7' SBME MEA -03:00\* S22 20.6 W041 45.8

On Call (22) 2763-5717. ARO (21) 3398-4738.

Apt Manager 0247-62-4405.

**06/24** 3937' ASPHALT. PCN 19/F/C/W/T. TORA 24 3642'. LDA 24 3642'. ASDA 24 3642'. RL.

ATND SKD H24.

Birds in vicinity of airport.

Street lights parallel to runway may be confuse-das runway lights.

Fixed and rotating wing Acft with wingspan of 49' (15 m) or greater prohibited from taxiing on yellow line between Twy A and Twy B.

Maximum 4 hr parking stay. Non-registered Acft should consult the capacity of the

parking at the airport operations center (COA), through the telephones (22) 2763-5733 or (22) 2762-0950.

Flight Plan and update by radiotelephony prohibited.

File and update flight plans by telephone. PLN TEL/FAX (21) 3398-4738.

J.

ABN. Fire 3 0930-2130Z.

**Macapa (Alberto Alcolumbre Intl)** Apt of Entry

56' SBMQ MCP -03:00 N00 03.0 W051 04.2

Apt Administration (96) 3223-1057, (96) 3223-2323; Fax (96) 3223-1207. (96) 3223-5799. Ground Services (96) 3222-5234, (96) 3223-4493.

**08/26** 6890' ASPHALT. PCN 48/F/C/X/T. MIRL. Rwy 26 Right-Hand Circuit.

H24. ATND SKD H24. Customs: Mon-Fri 0800-1200Z and 1400-1800Z, exc HOL.

Birds on and in the vicinity of the airport.

180 degree turns permitted only on turn pads at the runway ends and between taxiway B and Rwy 08 end for Airbus, Boeing 737 or larger aircraft.

Flight Plan and updates contact TEL/FAX PLN (96) 3223-5799.

TFC pattern by N sector of airport only.

F-3, F-4, Jet A-1.

ABN. Fire 6.

**Macaubas**

2103' SNMC -03:00\* S13 01.5 W042 40.3

**12/30** 4324' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

**Maceio (Zumbi Dos Palmares)**

387' SBMO MCZ -03:00 S09 31.0 W035 47.0

Apt Administration (82) 3036-5200; Fax (82) 3036-5244, (82) 3322-1145, (82) 3322-1145 / 3036-5244; [adaeromo.cnrf@infraero.gov.br](mailto:adaeromo.cnrf@infraero.gov.br). (82) 3322-1773, (82) 3322-3000.

**12/30** 8537' ASPHALT. PCN 46/F/A/X/T. LDA 30 8169'. MIRL.

H24. ATND SKD H24. Customs: O/R, 24hrs PNR.

Birds in vicinity of airport.

Be careful not to confuse RWY 14/32 with the Alagoas Aeroclube, located at SE, at 7NM (13Km).

Restriction to classes and types of ACFT without radio, gliders, ACFT without transponder or transponder failure, and ultralight aircraft.

Restriction on air services; launching of objects or spraying, aircraft towing, launch of parachutes, and acrobatic flights.

## BRAZIL

For noise abatement procedures, aircraft causing a noise level above that allowed are those that do not comply with the limits included in the Chapter 3, Annex 16, ICAO, and also those included in the AIP MAP.

The exit procedures must be according to the prescribed at the SID included at the location.

File and update flight plans by Tel: (82) 3322-3000.

180 Deg turnaround for Acft wingspan FOKKER 100, BOEING 737, or greater, at Thr only.

F-4, Jet A-1.

ABN. Fire 7.

**Maestro Wilson Fonseca Intl see Santarem**

**Maj Brig Doorgal Borges see Barbacena**

**Maj Brigadeiro Trompowsky see Varginha**

**Manaus (Eduardo Gomes Intl)** Apt of Entry

264' SBEG MAO -04:00\* S03 02.5 W060 03.0

Apt Administration (92) 3652-1210; Fax (92) 3652-1366. H24 (92) 3652 5375, (92) 3652-5374.

**11/29** 8858' ASPHALT. PCN 71/F/C/X/T. HIRL. ALS 11.

H24 ATND SKD H24. Customs: H24.

Ops for B747-8F Acft are allowed according to special procedures described in MOPS.

The following Acft/Operations are restricted: Acft without radio equipment, gliders, Acft without transponder or failure of this equipment, flight of powered ultralights, object launching or spraying, Acft pushback operations, parachute jumping, acrobatic flight.

Jet A-1.

ABN. Fire 9.

**Manaus (Ponta Pelada)**

269' SBMN PLL Mil. -04:00 S03 08.7 W059 59.1

(92) 3652-5898, (92) 3652-5908. Apt Operator 3629-3074. Ground Services (92) 3629-3074.

**09/27** 6699' ASPHALT. PCN 45/F/B/X/T. TORA 27 6535'. LDA 27 6535'. TODA 27 6535'. ASDA 09 7126'. ASDA 27 6634'. RL.

Rwy 27 Right-Hand Circuit.

ATND SKD 0900-2200Z, O/T O/R.

Birds in vicinity of airport.

4 hrs PNR when Apt is used as SBEG alternate by small or medium sized acft. Will not be made available as alternate if SBEG is below minimums.

Rwy 27 first 164' (50 m) closed for takeoff and landing.

TWY access RWY 27 to military apron cleared for C205 or C105 aircraft.

J.

ABN. Fire 8.

**Manhuacu (Elias Breder)**

2720' SNJM -03:00\* S20 15.6 W042 11.0

**02/20** 3839' ASPHALT. PCN 14/F/B/X/T.

**Manicore**

174' SBMY MNX -04:00 S05 49.0 W061 17.0

(97) 3385-1554.

**05/23** 4150' ASPHALT. PCN 12/F/C/Y/U.

ATND SKD SR-SS.

Concentration of birds (vultures) upwind of Rwy 05 and along both sides Rwy 05/23.

J.

**Manoel Ribas**

2822' SBMR -03:00\* S24 31.7 W051 38.8

**17/35** 3937' ASPHALT. PCN 12/F/C/Y/U.

ATND SKD SR-SS.

## BRAZIL

**Maraba (Joao Correa Da Rocha)**

358' SBMA MAB -03:00 S05 22.1 W049 08.3

Apt Administration (94) 3324-2130. (94) 3324-1241, (94) 3324-1383.

**07/25** 6562' ASPHALT. PCN 40/F/C/X/U. RL.

Birds in vicinity of airport.

Operations of aircraft with a wingspan greater than 131' (40 m) PPR by CTC with airport operations in advance must be made 48 hours before operation through airport.

Flight plan notification by telephone is accepted. DLY 1000-2100. Tel/fax: (94)3324-1241.

F-4, J.

ABN. Fire 6.

**Maracas**

3156' SNMJ -03:00\* S13 26.2 W040 28.0

**07/25** 4265' ASPHALT. AUW-13/0.5000 MPa. SR-SS.

**Marcelo Pires Halzhausen see Assis****Marechal Candido Rondon (Ruben Berta)**

1722' SSCR -03:00\* S24 30.8 W054 03.2

**01/19** 4593' ASPHALT. PCN 10/F/C/Y/U. SR-SS.

**Marechal Cunha Machado Intl see Sao Luis****Marechal Rondon Intl see Cuiaba****Marica**

1' SBMI -03:00\* S22 55.1 W042 49.7

**09/27** 3642' ASPHALT. PCN 13/F/A/X/T. 0900-2100Z.

Regular passenger flights prohibited.

Birds in the vicinity of the airport.

Traffic pattern in northern sector only. Traffic pattern altitude for Category H aircraft 601'(600'), CAT A and B aircraft 1301'(1300').

F-4.

**Marilia**

2133' SBML MII -03:00\* S22 11.7 W049 55.6

Apt Administration On Call (14) 3424-2868. (14) 3424-2868.

**03/21** 5577' ASPHALT. PCN 35/F/B/X/T. RL.

ATND SKD 0830-1130, 1815-2100 Mon-Fri, 0830-1115 Sat, 1815-2045 Sun.

Traffic circuit should be performed only SE of airport to avoid obstruction (buildings and antennas).

F-4, J.

ABN. Fire N.

**Maringa (Silvio Name Junior)**

1801' SBMG MGF -03:00\* S23 28.8 W052 00.7

(44) 3366-3829. ARO (44) 3026-7979. Ground Services (44) 3266-6666, (44) 9972-5028.

**10/28** 6890' ASPHALT. PCN 41/F/A/X/T. ASDA 10 7087'. ASDA 28 7087'. RL.

ATND SKD 0900-0000Z.

Birds in the vicinity of the airport.

Main apron may be used by civil aircraft for passenger loading and unloading for 40 minutes maximum, 20 minutes PNR to Twr.

Turns of 180 degrees are only allowed in Thr of the Rwy.

Flight plan and its updated submission via TEL. APT Enabled for international cargo traffic. International cargo flights requests should be submitted to ANAC.

F-4, J.

ABN. Fire 7.

**Mario De Almeida Franco see Uberaba****Mario Pereira Lopes see Sao Carlos****Mario Ribeiro see Montes Claros**

**BRAZIL**
**Maues**

69' SWMW MBZ -04:00\* S03 21.4 W057 42.7

**01/19** 3937' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

**Mello Viana see Tres Coracoes**
**Mimoso do Oeste (Luis Eduardo Magalhaes)**

2543' SSQZ -03:00 S12 06.4 W045 53.7

**10/28** 4265' ASPHALT. PCN 10/F/B/Y/U.

ATND SKD SR-SS.

**Minacu**

1401' SWIQ -03:00\* S13 33.0 W048 12.0

Apt Administration (062) 3379- 3066, (062) 9965-0238. Ground Services (62) 3379-3066, (62) 8436-3858.

**05/23** 4183' ASPHALT. PCN 7/F/C/Y/U. RL.

ATND SKD 1200-0000Z. O/T O/R.

Minimum traffic pattern altitude for fixed wing aircraft is 2801' (1400').

F-4.

ABN. Fire 2.

**Mineiros**

2706' SWME -03:00\* S17 33.1 W052 33.4

**18/36** 3281' ASPHALT. PCN 8/F/C/Y/U.

ATND SKD SR-SS.

F-4.

**Ministro Victor Konder Intl see Navegantes**
**Mirassol (Mirassol Apt)**

1916' SDMH -03:00\* S20 48.4 W049 29.2

**06/24** 3281' ASPHALT. PCN 8/F/C/Y/U.

**Mococa**

2116' SDKK QOA -03:00\* S21 29.3 W047 02.1

**04/22** 3281' DIRT. PCN 8/F/C/Y/U.

ATND SKD SR-SS.

**Mogi Mirim**

2274' SDMJ -03:00\* S22 24.6 W046 54.3

**12/30** 4921' DIRT. AUW-12/0.5000 MPa.

SR-SS.

Traffic pattern altitude for fixed wing aircraft and helicopters 1000'.

**Monte Alegre**

325' SNMA MTE -03:00 S01 59.8 W054 04.3

**10/28** 4675' ASPHALT. PCN 9/F/C/Y/U.

SR-SS.

Birds in vicinity of airport.

**Monte Dourado see Almeirim**
**Monte Santo**

1453' SSQP -03:00 S10 27.9 W039 17.2

**17/35** 3281' SAND/CLAY.

AUW-13/0.5000 MPa.

SR-SS.

**Montenegro**

79' SSNG QGF -03:00\* S29 43.2 W051 29.3

**13/31** 3018' GRASS.

SR-SS. ATND SKD SR-SS.

Be observant for ultralight and flight training in proximity to aerodrome.

Helipad operations VFR day and night.

Traffic circuit should be performed only in Southwest sector of AD.

**Montes Claros (Mario Ribeiro)**

2191' SBMK MOC -03:00\* S16 42.4 W043 49.3

(38) 3229-1223.

**12/30** 6890' ASPHALT. PCN 34/F/B/X/T.

ATND SKD Mon - Sun, 0800 - 0400Z.

Be alert for bird strike hazard in the final approach rwy 12.

F-4, J.

ABN. Fire 5.



## BRAZIL

**Morro Do Chapéu**

3609' SNOC -03:00\* S11 32.1 W041 10.8  
**15/33** 3281' GRAVEL. PCN 7/F/C/Y/U.  
ATND SKD SR-SS.

**Mossoro (Dix Sept Rosado)**

75' SBMS MVF -03:00 S05 11.7 W037 21.7  
Apt Administration H24 (61) 3081-8484, (61)  
99990-8484, (84) 2142-3396; aeroportodemosoro@infracea.com.br. (81) 2129-8093, (81)  
2129-8094. Ground Services On Call (84)  
99974-1251, (84)4103-1843.

**05/23** 6562' ASPHALT. PCN 31/F/B/X/T. TORA  
05 6266'. TORA 23 6266'. LDA 05 6266'. LDA  
23 6266'. ASDA 05 6266'. ASDA 23 6266'.

SR-0045Z. ATND SKD Mon-Sat: 0800-1200Z,  
1300-1700Z. O/T O/R.

Birds in vicinity of airport.

Taxiway (access to parking ramp NR 2) closed  
for night operations.

The AD may be regularly used by any aircraft  
compatible with the 2C or lower reference code.  
AD not available for IFR daily SR-1115Z.

ATR 72 aircraft operations under Visual  
Weather Conditions (VMC) are permitted  
according to special procedures described in  
MOPS.

AD with 24 hr PPR.

F-4.

ABN. Fire 2.

**Mostardas**

59' SSMT -03:00\* S31 06.2 W050 54.7  
**05/23** 3199' ASPHALT. AUW-13/0.6000 MPa.  
SR-SS.

**Mozarlandia**

1076' SDOV -03:00 S14 44.7 W050 34.2  
**17/35** 4921' ASPHALT. PCN 20/F/B/Y/T.  
SR-SS.

**Mun Bom Futuro see Lucas Do Rio Verde****Mun Jose Boso see Lencois Paulista****Municipal Jose Figueiredo see Passos****Muriae (Cristiano Ferreira Varella)**

886' SNBM -03:00\* S21 07.7 W042 22.0  
**12/30** 3740' ASPHALT. PCN 12/F/B/Y/T.  
SR-SS.

**Nanuque**

689' SNNU NNU -03:00\* S17 49.4 W040  
19.8

**11/29** 4003' ASPHALT. PCN 13/F/C/Y/U.  
SR-SS.

**Natal (Augusto Severo)**

171' SBNT NSA Mil. -03:00 S05 54.5 W035  
14.9

Apt Administration (84) 3087-1214, (84)  
9189-0494. (84) 3644-7634, (84)3644-7171,  
(84)98786-7107; coa.ala10@fab.mil.br.

**12/30** 5988' ASPHALT. PCN 44/F/A/X/T. RL.

**16L/34R** 8530' ASPHALT. PCN 52/F/A/X/T.  
ASDA 16L 8809'. ASDA 34R 8727'. MIRL.

Rwy 34R Right-Hand Circuit.

**16R/34L** 5906' ASPHALT. PCN 26/F/A/X/T.  
RL.

Rwy 16R Right-Hand Circuit.

Direct approach to apron 1 not authorized for  
rotary wing aircraft.

Birds in vicinity of apt.

Acraft with wingspan of over 66ft (20m) prohibited  
from staying overnight without AD operator's  
permission.

For overnight operations contact with opera-  
tions officer, with 72 hrs PNR.

Rwy 16L/16R, simultaneous approach, landing  
and take off operations.

Engine run-up in the DELTA area is prohibited.

To file or update flight plans call/FAX (84)  
3644-7234, daily 0900-0100.

Filing a flight plan by radio is prohibited.



## BRAZIL

F-4, J.

ABN. Fire 5.

**Natal (Gov Aluizio Alves Intl)**

273' SBSG NAT -03:00\* S05 46.1 W035 22.0

Apt Administration (84) 3343-6060; Mobile 59290-900. ARO (84) 3343-6426, (84) 3343-6581.

**12/30** 9843' ASPHALT. PCN 70/F/A/X/T. MRL. HIALS 12.

H24. ATND SKD H24. Customs: H24.

PPR for general aviation Acft by phone. Acft with wingspan 79' (24 m) 24 hr prior notice. Acft with wingspan 115' (35 m) 36 hr prior notice.

Restriction on air services: - Launching of objects or spraying; aircraft towing; launch of parachutes; and acrobatic FLT.

Restriction to classes and types of ACFT: - Aircraft without radio equipment; gliders; aircraft without transponder or transponder failure; and ultralight flight operations.

Flight plan and updates accepted by phone/fax.

F-4, Jet A-1.

ABN. Fire 9.

**National Aviation Aerodrome see Goiania****Navegantes (Ministro Victor Konder Intl)**

Apt of Entry

18' SBNF NVT -03:00\* S26 52.7 W048 39.0

Apt Administration (47) 3324-9200; Fax (47) 3342-9224. (47) 3342-9205, (47) 3342-9211, (47) 3342-9243. ARO (47) 3342-9245. Ground Services On Call (47) 3342-9205, (47) 3342-9211.

**07/25** 5581' ASPHALT. PCN 33/F/A/X/T. TORA 07 5285'. TORA 25 5285'. LDA 07 5285'. LDA 25 5285'. ASDA 07 5285'. ASDA 25 5285'. MRL.

0910-0300Z. ATND SKD 0900-0300Z, O/T O/R. Customs: O/R, 24 hrs PNR.

Parking or overnight of General Aviation ACFT require a maximum of 6 hours PPR prior to landing from AD OPS by telephone.

Apron parking PPR by phone.

Noise Abatement Procedure: Aircraft in positions 2,3 and 4 must use air starter unit, ground power unit and low pressure unit. Aircraft which require the use of this equipment O/R by phone at least 30 MIN prior to LNDG.

Birds in vicinity of airport.

Nonscheduled domestic and international flights requiring customs and immigration - 24 Hr PPR from ANAC.

Acft with wingspan greater than 79 ft (24m) prohibited from operating Rwy 07/25 while Acft taxiing on access path to parking during IMC.

Aircraft approaching RWY 07 must look for vessels crossing Itajai - AcuRiver, around 3281' (1000m) from the threshold.

Flight plans and updates accepted by phone/FAX:(47)3342-9242.

Flight Plans of aircraft departing from airport without an AIS office, within the projections of TMA-Florianópolis lateral limits, will not be accepted by APP-Florianópolis. Aircraft shall file, before departure plan to the Navegantes or Joinville AIS office.

Turnaround of 180° of Acft type Fokker 100, Boeing 737, or greater, only on Thr.

F-4, Jet A-1.

ABN. Fire 7 0900-0300Z.

**Navirai**

1329' SSNB -04:00\* S23 02.5 W054 11.1

**09/27** 3937' ASPHALT. PCN 10/F/B/Y/T.

SR-SS.

**Nelson Garofalo see Sao Manuel****Nioaque**

984' SSNQ -04:00\* S21 11.1 W055 49.8

**18/36** 3937' GRASS. AUW-12/0.5000 MPa.

## BRAZIL

SR-SS.

**Niquelandia**

2755' SWNQ NQL -03:00\* S14 26.2 W048 29.5

**02/20** 4593' DIRT. PCN 8/F/C/Y/U.

Fire 2.

**Nova Prata**

2264' SSNP -03:00\* S28 48.1 W051 36.2

**13/31** 3281' GRAVEL. PCN 5/F/B/Y/U.

SR-SS.

**Nova Xavantina (Xavantina)**

1036' SWXV NOK -04:00\* S14 41.4 W052 20.9

**03/21** 4888' GRAVEL. PCN 10/F/C/Y/U.

F-4.

ABN.

**Novo Campo see Boca Do Acre****Novo Hamburgo**

66' SSNH QHV -03:00\* S29 41.8 W051 04.9

**02/20** 3937' CLAY/GRVL. AUW-3/0.5000 MPa.

SR-SS.

Helicopter traffic circuit should be performed only to the East of apt.

F-4.

**Novo Horizonte**

1526' SDNH -03:00\* S21 29.9 W049 14.1

**13/31** 3281' GRASS. PCN 8/F/C/Y/U.

SR-SS.

**Obidos**

328' SNTI OBI -03:00 S01 52.1 W055 30.9

**10/28** 4987' ASPHALT. PCN 9/F/C/Y/U.

SR-SS.

Rwy 09 - first 1969 Ft (600 M) not available for landing. Rwy 27 - last 1969 Ft(600 M) not available for takeoff.

**Obidos (Tirios)**

1138' SBTS Mil. -03:00 N02 13.5 W055 56.5  
Apt Administration (91) 3182 9354, (91) 99164 3403. Ground Services (91) 98802-1208.

**12/30** 6562' ASPHALT. PCN 33/F/A/X/T. RL.

ATND SKD SR-SS, Fuel only available to Military aircraft. O/R 5 working days PNR.

For civil Acft operation at least 5 working days PNR from ALA 9.

J.

**Oiapoque**

62' SBOI OYK -03:00 N03 51.7 W051 47.8  
Apt Administration 3521-1423. (96) 3521-1423. Ground Services (92) 3182-9354, (92) 99164-3403.

**03/21** 4938' ASPHALT. PCN 10/F/B/Y/U. RL.

Rwy 03 Right-Hand Circuit.

ATND SKD SR-SS. Available only for military ACFT.

Jet fuel available SR-SS to aircraft with prior authorization of First Command Regional Airline. Aircraft belonging to the Aeronautical Command O/R with 48 HRS prior notice. Aircraft not belonging to Aeronautical Command require 5 working day advance notice.

Traffic arriving via rwy 03, must perform right turn in the traffic pattern.

Traffic arriving rwy 21, must perform left turn in the traffic pattern.

Traffic taking-off from rwy 03, must execute right turn.

Traffic taking-off from rwy 21, must execute left turn.

Traffic pattern must not go beyond the bank of Oiapoque River.

J.

ABN.

**Olavo Cecco Rigon see Concordia****Oricanga De Abreu see Posse**

**BRAZIL**
**Oriximina**

262' SNOX ORX -03:00 S01 42.8 W055 50.1

**17/35** 5249' ASPHALT. PCN 27/F/B/X/U. SR-SS.

**Oriximina (Trombetas)**

287' SBTB TMT -03:00 S01 29.1 W056 23.9 (93) 3549-7172.

**09/27** 5249' ASPHALT. PCN 26/F/A/X/T. RL.

Birds in vicinity of airport.

Fire 5 Tue, Thr: 1100-1400Z, 1900-2200Z; Sun: 1100-1300Z, 1900-2100Z.

**Orlando Bezerra De Menezes see Juazeiro Do Norte**

**Orlando de Carvalho see Umuarama**

**Ourilandia do Norte**

751' SDOW -03:00 S06 45.7 W051 03.0

**14/32** 3937' ASPHALT. PCN 11/F/B/Y/U.

Concentration of birds 5.5NM to the Northwest of center of runway 14/32

ABN.

**Ourinhos**

1532' SDOU OUS -03:00\* S22 58.4 W049 54.7

Apt Administration (14) 3322-1277.

**16/34** 4921' ASPHALT. PCN 15/F/B/X/T. RL.

Below 1000', avoid overflying fuel tanks located 1.8 NM (3330M) from THR 34 and 722' (220M) left of LCL overrun.

F-4.

ABN.

**Ouro Fino**

2818' SNOF -03:00\* S22 17.8 W046 23.6

**06/24** 3543' GRASS. AUW-6/0.5000 MPa.

SR-SS.

**Palmas (Brigadeiro Lysias Rodrigues)**

774' SBPJ PMW -03:00 S10 17.4 W048 21.5

Apt Administration (63) 3219-3700, (63) 3219-3820, (63) 3219-3824; Fax (63) 3219-3726; adaeropj@infraero.gov.br. (63) 3219-3755.

**14/32** 8202' ASPHALT. PCN 48/F/B/X/T. MIRL. H24. ATND SKD H24.

Engine run-ups prohibited after 0300Z.

5 hrs PNR for general aviation parking.

Presentation of the flight plan via radiotelephony from the GND to the ATS units is prohibited.

F-4, Jet A-1.

ABN. Fire 6.

**Palmeira Das Missoes**

2083' SSPL -03:00\* S27 54.1 W053 19.7

**05/23** 3281' ASPHALT. PCN 4/F/A/Y/T.

SR-SS.

F-4.

**Pampulha-Carlos Drummond De Andrade see Belo Horizonte**

**Para De Minas**

2753' SNPA -03:00\* S19 50.5 W044 36.0

**11/29** 3740' ASPHALT. PCN 8/F/C/Y/U.

SR-SS. ATND SKD SR-SS.

Birds in vicinity of airport.

Parking available for general aviation aircraft not to exceed 48 hours and only with PPR from airport administration.

Aircraft, gliders and ultralight flight instruction near the Aerodrome.

**Paracatu (Pedro Rabelo de Souza)**

2395' SNZR -03:00\* S17 14.6 W046 52.9

Apt Operator (38) 3671-7214, (61) 3081-8484, (61) 99359-7000, (61) 99605-8430, (61)

## BRAZIL

99990-8484; aeroportodeparacatu@infra-  
cea.com.br.

**11/29** 4921' ASPHALT. PCN 11/F/C/Y/T.

SR-SS. ATND SKD SR-SS.

Acraft destined to Apt 24 hr PPR.

F-4.

### Paragominas

443' SNEB -03:00\* S03 01.2 W047 19.0

**09/27** 4757' ASPHALT. PCN 30/F/C/X/T.

ABN.

### Paraguacu Paulista

1562' SDUQ -03:00 S22 25.6 W050 36.4

**05/23** 3934' DIRT.

SR-SS.

### Paraíso Do Tocantins

1083' SWTO -03:00 S10 10.4 W048 56.0

**10/28** 3937' ASPHALT. PCN 20/F/C/X/U.

### Paramirim

2057' SNBZ -03:00\* S13 29.4 W042 13.7

**18/36** 3937' ASPHALT. PCN 10/F/C/Y/U.

ATND SKD SR/SS.

Compulsory traffic pattern altitude 1500FT  
through AD west sector.

### Paranagua

23' SSPG PNG -03:00\* S25 32.4 W048 31.9

Ground Services (41) 3425-0359, (41)  
9820-0808, (41) 9828-1998.

**06/24** 4774' ASPHALT. PCN 16/F/C/Y/U.

SR-SS. ATND SKD SR-SS.

F-4, J.

### Paranaíba

1450' SSPN -03:00\* S19 39.1 W051 12.0

**14/32** 4331' ASPHALT. PCN 12/F/A/Y/T.

SR-SS.

Traffic pattern must be in NE sector of AD only  
to avoid overflying antennas.

### Paranavai

1555' SSPI PVI -03:00\* S23 05.4 W052 29.3

**13/31** 4921' ASPHALT. PCN 13/F/C/Y/U. RL.

ATND SKD 1100-2100Z.

F-4.

ABN.

### Parauapebas (Carajás)

2064' SBCJ CKS -03:00\* S06 06.9 W050  
00.1

(94) 3327-1215. Ground Services (94)  
3328-1310, (94) 3346-2890, (94) 9664-0619.

**10/28** 6562' ASPHALT. PCN 41/F/B/X/T. RL.

ATND SKD Mon-Fri 1100 - 2030Z; Sat 1100 -  
1900Z O/T O/R with 1 hr PNR.

Birds and animals in vicinity of airport.

J.

ABN. Fire 5 1015-2130Z.

### Parintins

85' SWPI PIN -04:00 S02 40.2 W056 46.3

Apt Administration On Call (92) 3533-4885.

**06/24** 5906' ASPHALT. PCN 33/F/B/X/T. RL.

Birds in vicinity of airport.

Rwy 24 closed for Ldg and Rwy 06 closed for  
Tkofdue to controlled landfill near Thr 24. Daily  
0930-2220Z.

AD will not be accepted flight plan by Amazon-  
ica ACC for aircraft from/to SWPI. Compulsory  
presentation of the corresponding PLN before  
takeoff from/to SWPI via the internet (see AIC  
09/2016), by telephone or fax to any accredited  
AIS room (Rotaer or AIP-Brazil) located in the  
FIR Amazonica, or personally in any room AIS.  
ABN. Fire 5.

### Parnaíba (Prefeito Dr. João Silva Filho)

23' SBPB PHB -03:00 S02 53.6 W041 43.8

Apt Administration (86) 3315-3300. (81)  
2129-8093, (81) 2129-8094. Ground Services  
(86) 3323-0410, (86) 9921-0231.

## BRAZIL

**10/28** 8202' ASPHALT. PCN 52/F/B/X/T. TORA 28 7677'. LDA 10 7677'. LDA 28 7677'. TODA 28 7677'. ASDA 28 7677'. RL.

ATND SKD 0900-2100Z. O/T O/R.

Birds concentrations, notably vultures, in vicinity of airport.

Ramp limited to general aviation and military aircraft SAT 1600-1900Z, 24hr prior permission required.

For operations outside of normal hours 24 hrs prior permission required from airport administration.

AD traffic pattern for fixed wing ACFT should be performed only to the SOUTH sector of the AD and for rotary wing ACFT only to the NORTH sector of the AD.

F-4, J.

ABN. Fire 3.

**Passo Fundo (Aeroclube)**

1969' SSAQ -03:00\* S28 15.0 W052 31.0

**15/33** 3543' GRASS. AUW-13/0.5000 MPa.

**17/35** 3084' GRASS. AUW-13/0.5000 MPa.

SR-SS.

F-4.

**Passo Fundo (Lauro Kurtz)**

2378' SBPF PFB -03:00\* S28 14.7 W052 19.7

Ground Services (54) 3198-3371, (54) 9118-2419.

**08/26** 5577' ASPHALT. PCN 29/F/A/X/T. RL.

ATND SKD Mon-Fri 1030-2230Z; Sat 1030-2030Z; Sun/Hol 1100-1430Z, 1600-2000Z O/T O/R.

Birds in vicinity of apt.

F-4, J.

ABN. Fire 5.

**Passos (Municipal Jose Figueiredo)**

2697' SNOS PSW -03:00\* S20 44.0 W046 39.6

**14/32** 4921' ASPHALT. PCN 19/F/A/Y/T.

**Pato Branco (Juvenal Loureiro Cardoso)**

2700' SBPO PTO -03:00\* S26 13.0 W052 41.7

Ground Services On Call (46) 3225-2513.

**07/25** 4321' ASPHALT. PCN 50/F/A/X/T. RL.

ATND SKD Mon-Fri 0900-2100. Other times on request.

F-4, J.

ABN.

**Patos**

869' SNTS -03:00 S07 02.3 W037 15.4

Apt Operator (83) 98746-6860, (83) 99813-3487.

**12/30** 5249' ASPHALT. PCN 6/F/C/Y/U. RL.

SR-SS.

ABN.

**Patos De Minas**

2792' SNPD POJ -03:00\* S18 40.3 W046 29.5

Apt Administration On Call 34-38229717.

**09/27** 5577' ASPHALT. PCN 39/F/A/Y/T.

SR-SS O/T O/R.

ABN.

**Patrocínio**

3232' SNPJ -03:00\* S18 54.5 W046 59.0

**05/23** 3937' ASPHALT. PCN 14/F/B/Y/T.

Rwy 05 Right-Hand Circuit.

SR-SS.

Execute the traffic circuit SE from the AD.

**Paulo Afonso**

883' SBUF PAV -03:00\* S09 24.1 W038 15.1

(81) 2129-8093, (81) 2129-8094. Ground Services On Call (75) 3281-6637, (75) 9173-8214, (75) 9907-7623.

**14/32** 5906' ASPHALT. PCN 35/F/C/X/U. RL.

**BRAZIL**

ATND SKD Mon-Fri: 1030-1430Z, 1630-2030Z.  
O/T O/R.

Birds in vicinity of airport.

F-4, J.

ABN.

**Pedra Azul**

2782' SNPZ -03:00\* S16 03.7 W041 10.3

**10/28** 3278' DIRT. AUW-13/0.5000 MPa.

SR-SS.

**Pedro Rabelo de Souza see Paracatu**
**Pedro Vieira Moreira see Cajazeiras**
**Pelotas (Pelotas Intl) Apt of Entry**

59' SBPK PET -03:00\* S31 43.0 W052 19.9

Apt Administration (53)3223-1227; Fax (53)  
3223-1877, (53) 3223-3733;

sbpk@infraero.gov.br. (53) 3223-3733. FSS  
(83) 3331-1306. Ground Services (53)  
3273-1883.

**06/24** 6496' CONCRETE. PCN 24/R/B/X/T.  
MIRL.

**15/33** 4035' DIRT. AUW-13/0.6000 MPa.

1015-2145Z. ATND SKD 1000-2200Z. O/T  
O/R. Customs: O/R with 24hr PNR.

Birds in vicinity of airport.

Services concerning Intl flts must be contacted  
in advance with 24 hr PNR.

F-4, J.

ABN. Fire 3.

**Penapolis**

1371' SDPN -03:00\* S21 24.6 W050 01.9

**15/33** 4921' ASPHALT. PCN 27/F/A/X/T. RL.

Acft and ultralight training flights in vicinity of  
apt.

F-4.

ABN.

**Petrolina (Sen Nilo Coelho) Apt of Entry**

1260' SBPL PNZ -03:00 S09 22.0 W040  
33.8

Apt Administration (87) 3867-9617, 3867-9618,  
98127-8287; sbpl-fiscaispatio@infraero.gov.br.  
(87) 3863-0666; H24 (81) 2129-8094. Ground  
Services (87) 3863-5100; On Call (87)  
3863-3660.

**13/31** 10663' ASPHALT. PCN 80/F/C/X/T.  
TORA 13 10367'. TORA 31 9055'. LDA 13  
8760'. TODA 31 9055'. ASDA 13 10367'. RL.

ATND SKD 1000-2200Z, O/T O/R minimum 2  
hr PNR. Customs.

Birds in vicinity of aerodrome, especially during  
rainy periods where bird concentrations gather  
on left side of runway near the PAPI.

RWY 13 last 295' (90 m) closed for landing  
and takeoff due to RESA provision.

RWY 31 last 1608' (490 m) closed for landing  
and takeoff due to displaced THR.

Taxiway Charlie and Bravo restricted for taxing  
aircraft with wingspan equal to or greater than  
118' (36m).

International operations are subject to prior  
authorization.

Aircraft are prohibited from performing engine  
checks on the ramp.

Prior permission from airport administration is  
required for general aviation and military aircraft  
parking.

Restriction to classes and types of aircraft  
including; aircraft without radio equipment, glid-  
ers, aircraft without transponder or transponder  
failure, and ultralight aircraft.

Restriction of air services including; throwing or  
spraying of objects, aircraft towing, launch of  
parachutes, and acrobatic flight.

Boeing aircraft operations 747-8 are permitted  
in accordance with special procedures descri-  
bed in the MOPS approved by ANAC.

Flight plan notification and updates accepted by  
telephone .

## BRAZIL

F-4, J.  
ABN. Fire 6.

**Piata**

4157' SNPI -03:00 S13 09.9 W041 46.3

**01/19** 4429' GRAVEL. PCN 10/F/C/Y/U.

SR-SS.

Civil aircraft operations only with prior permission from Departamento de transporte e terminais.

**Picos**

1050' SNPC PCS -03:00 S07 03.9 W041 31.2

**14/32** 3937' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

Maneuvering yard for general aviation aircraft only Monday-Thursday  
0900-1000Z 1600-1700Z due to small apron.

**Piloto Osvaldo Marques Dias see Alta Floresta**

**Pimenta Bueno**

682' SWPM -04:00\* S11 38.5 W061 10.9

Apt Administration On Call (69) 3451-5899, (69) 999344978.

**04/22** 4265' ASPHALT. PCN 12/F/C/Y/U. RL.

ABN. Fire 5.

**Pinheiro**

125' SNYE PHI -03:00\* S02 29.0 W045 04.0

**09/27** 5709' ASPHALT. PCN 28/F/C/X/U.

SR-SS.

**Pinto Martins Intl see Fortaleza**

**Piracicaba**

1916' SDPW QHB -03:00\* S22 42.6 W047 37.2

Apt Administration (19) 34347401.

**17/35** 3937' ASPHALT. PCN 21/F/A/X/T. RL.

Birds in vicinity of airport.

Visual approach chart required for local traffic.

F-4, J.

ABN.

**Pirapora**

1808' SNPX PIV -03:00\* S17 19.0 W044 51.6

**10/28** 4856' ASPHALT. PCN 10/F/B/Y/U.

SR-SS.

**Pirassununga (Campo Fontenelle)**

1975' SBYS QPS Mil. -03:00\* S21 59.1 W047 20.6

(19) 3565-7470, (19) 3565-7472.

**02C/20C** 6923' ASPHALT. PCN 31/F/A/X/T. RL.

**02L/20R** 6916' ASPHALT. PCN 10/F/C/Y/U. RL.

**02R/20L** 6240' ASPHALT. PCN 10/F/C/Y/U. RL.

ATND SKD After 2200Z O/R with 2 hours PNR.

Under VFR conditions, aircraft not familiar to the training are prohibited from executing instrument approaches and departures, during the training or while glider flights are taking place.

Civilian aircraft destined for SBYS or using SBYS as alternate must obtain prior permission from Academia Command.

Visual Approach Chart available for transient traffic.

Avoid downhill area in the taxi closest to the hangars due to possible propeller contact with ground.

Twy Charlie, near Thr 20C, operate with caution due to no preview of the stretch by Twr.

Avoid sloping area in taxi strip closest to hangars due to possible propeller strike.

Be alert for glider operations in the aerodrome traffic pattern GND - FL100 Saturday, Sunday and Holidays Sunrise to Sunset.

Traffic pattern altitude sector W with the Max height 700' (213 m).

## BRAZIL

Flight plan filing and updating accepted by TEL/  
FAX: (19) 3565-7473.

F-4, J.

ABN.

**Pires do Rio**

2562' SWPR -03:00\* S17 19.1 W048 20.1

**10/28** 3543' ASPHALT. PCN 8/F/C/Y/U.

**Piritiba**

1919' SNTR -03:00\* S11 44.3 W040 34.2

**10/28** 4026' ASPHALT. PCN 8/F/B/Y/U.

SR-SS.

**Piumhi**

2444' SNUH -03:00\* S20 26.3 W045 59.6

**07/25** 3658' GRASS. AUW-13/0.6000 MPa.

SR-SS.

**Placido de Castro see Rio Branco****Pocone**

614' SWPK -04:00\* S16 16.3 W056 39.1

**01/19** 3773' GRAVEL. AUW-13/0.5000 MPa.

SR-SS.

**Pocos De Caldas**

4137' SBPC POO -03:00\* S21 50.3 W046 34.0

Apt Administration 3689-2532; Fax 3689-2532.

Apt Manager 035-712-1262.

**09/27** 4970' ASPHALT. PCN 14/F/C/Y/U.

TORA 09 4823'. LDA 27 4823'. TODA 09 4823'.

Fuel: U.

ABN. Fire 5.

**Pompeu**

2313' SNPO -03:00\* S19 12.2 W045 01.4

**15/33** 3937' DIRT. AUW-11/0.5000 MPa.

SR-SS.

**Ponta Grossa (Comandante Antonio Amilton Ber)**

2589' SBPG -03:00 S25 11.1 W050 08.6

(42) 3220-1000, (42) 99149-9186.

**08/26** 4692' ASPHALT. PCN 33/F/C/X/U. RL.

Parking of general aviation aircraft on request PPR and coordination with airport operations 4 hours in advance contact airport operations MON-FRI 1100-2100Z and every day 1000 -0000Z.

If equipment is required for pushback, coordination with operations is the responsibility of the aircraft operator. Limited to aircraft with a maximum wingspan of 94' (28.8 m).

ATR 72 special operations are permitted according to special authorization described in the MOPS and approved by ANAC.

Aircraft rotation with a span equal or above 99 feet (27M) only in threshold.

ABN.

**Ponta Pelada see Manaus****Ponta Pora (Ponta Pora Intl)** Apt of Entry

2156' SBPP PMG -04:00\* S22 33.0 W055 42.2

Apt Administration (67) 3433-3798; Fax (67) 3433-5244. (67) 3433-2364. FSS (41) 3381-1195.

**04/22** 6562' ASPHALT. PCN 31/F/A/X/T. TORA 22 5381'. LDA 04 5381'. TODA 22 5381'. MRL.

Rwy 04 Right-Hand Circuit.

1115-2200Z. ATND SKD 1115-2200Z. Customs: Mon-Fri 1130-1530Z, 1730-2130Z, except hol.

F-4, Jet A-1.

ABN.

**Ponte Nova**

1877' SNCZ -03:00 S20 24.2 W042 55.0

**07/25** 3478' ASPHALT. PCN 11/F/C/Y/T.

ATND SKD SR-SS.



## BRAZIL

**Porangatu**

1200' SSWA -03:00 S13 24.3 W049 09.4

**14/32** 4921' ASPHALT. AUW-13/0.5000 MPa.  
RL.

ABN.

**Porto Alegre (Belem Novo)**

20' SSBN -03:00\* S30 11.3 W051 11.0

**09/27** 3619' ASPHALT.

SR - SS. ATND SKD SR - SS.

Restricted to Acfts belonging to the Aeroclube  
of Rio Grande do Sul.

Traffic Circuit allowed to 820' (250 m).

F-4.

**Porto Alegre (Salgado Filho Intl)** Apt of  
Entry

12' SBPA POA -03:00\* S29 59.6 W051 10.3

Apt Administration (51) 3358-2000; Fax (51)  
3358-2549.

**11/29** 7480' ASPHALT. PCN 74/F/A/X/T. HIRL.  
HIALS 11.

H24. ATND SKD H24. Customs: H24.

Aircraft shall exercise caution on approach to  
Rwy 11, be advised there are parallel street  
lights 0.5 NM (900 M) to the right of the Rwy.

Aircraft shall exercise caution on final approach  
to Rwy 29, be advised Rwy 31 at Canoas AD is  
to the right of the path.

Birds in vicinity of airport.

Parking available for general aviation only when  
authorized by the Local Airport Operations  
Center with 48HR PNR.

CAUTION: No visibility from tower to TWY  
HOTEL.

Apron 2 limited to Acft with wingspan less than  
118' (36m).

Restrictions to Acft without radio or trans-  
ponder, gliders, ultralights, parachute or object  
launching, acrobatic flight and Acft.

Engine runups prohibited after 0300Z.

Twy LIMA closed between twy KILO and twy  
GOLF due to glide slope antenna protection  
area.

Twy DELTA cleared for possible landing and  
takeoff.

Submission of simple flight plan to tower is pro-  
hibited via telephone.

100 octane, Jet A-1.

ABN. Fire 8.

**Porto De Moz**

52' SNMZ PTQ -03:00 S01 44.5 W052 14.1

**05/23** 4167' ASPHALT. AUW-13/0.5000 MPa.  
SR-SS.

**Porto Dos Gauchos**

1312' SWPG -04:00\* S11 31.0 W057 20.0

**01/19** 4922' DIRT. PCN 13/F/C/Y/U.

ATND SKD SR-SS.

**Porto Murtinho**

266' SSPM -04:00\* S21 42.8 W057 52.7

**18/36** 4265' ASPHALT. PCN 15/F/B/X/T.

SR-SS. ATND SKD SR-SS.

F-4.

**Porto Seguro**

167' SBPS BPS -03:00\* S16 26.3 W039  
05.0

Apt Administration Fax (73) 3288-1880; geren-  
cia.bps@portonet.com.br, gerop.bps@porto-  
net.com.br, supervisao.bps@portonet.com.br.  
(81) 2129-8093, (81) 2129-8094. Ground Serv-  
ices (73) 3268-1759, (73) 3288-1635, (73)  
8822-8019, (73) 8831-2883.

**10/28** 6562' ASPHALT. PCN 55/F/B/X/T. TORA  
10 6332'. TORA 28 6135'. LDA 10 5906'. LDA  
28 5906'. ASDA 10 6332'. ASDA 28 6135'. RL.

H24. ATND SKD H24. Customs: 1 hr PNR for  
Intl flts.

CAUTION: Tower visibility of operations on Twy  
Bravo restricted.

**BRAZIL**

Birds on and in the vicinity of the airport.

Twy Bravo limited to Acft maximum wingspan 79' (24 m).

Apron 2 limited to Acft maximum wingspan 79' (24 m).

PPR required for General Aviation use of parking area 1 and 2. Call 73-3288-1880 ext 207 or 209.

Apron 01 closed for general aviation aircraft and helicopters due to regular aviation aircraft parking Sat 0000Z to Mon 0900Z.

Taxi available until the turn area.

AD licensed for passengers international traffic. Demands for international flights shall be directed to ANAC.

The AD may be regularly used by RCD 4C. Operations of Acft with AD 3 and 4 reference code are allowed during VMC, according to

the Equivalent Level of Operational Safety by ANAC.

Operations of Acft with AD 3 and 4 reference code for Rwy 10 are allowed during IMC, if PAPI on Rwy10 is available, Max limit of wind abeam component for landing 12 kt, aircraft in stabilized approach at altitude 1500' (457 m) and landing operations performed by the pilot-in-command.

Aircrafts considered noisy are those, that do not comply with the limits established by ICAO in Chapter 3 of Annex 16, neither to what establishes AIP MAP. Restrictions: Departure procedures according to provisions of the Standard Instrument Departure Charts - SID of the locality.

RWY 10/28 prohibited 180 Deg turns of aircraft above 55116 lbs (25 t).

Flight Plan and updates can be submitted via TEL: (73) 3288-3853.

Prohibited submission of abbreviated Flight Plan and updates by radio telephony to ACFT DEP.

100 octane, Jet A-1.

ABN. Fire 7 0930-2130Z.

**Porto Velho (Aeroclube de Rondonia)**

371' SWRO -04:00\* S08 47.6 W063 51.5

01/19 4265' GRAVEL. PCN 8/F/C/Y/U.

SR-SS. ATND SKD SR-SS.

Aircraft are required to contact Puerto Velho Approach prior to takeoff.

Compulsory presentation flight plans and its updates to the Porto Velho AIS.

Compulsory presentation flight plans and its updates via internet, Tel or fax to any accredited AIS room located in the FIR Amazon region, or personally to any AIS room.

Visual approach chart for inbound and outbound traffic circuit.

F-4.

**Porto Velho (Governador Jorge Teixeira de O)** Apt of Entry

295' SBPV PVH -04:00 S08 42.8 W063 54.2

Apt Administration (69) 3025-7453; Fax (69) 3025-7427, (69) 3217-7427. (92) 3652-5374, (92) 3652-5375, (92) 3652-5384. ARO (69) 3222-4065.

01/19 7874' ASPHALT. PCN 41/F/B/X/T. ASDA 19 8087'. MIRL.

H24 ATND SKD H24.

Birds in vicinity of airport.

Apt limited to domestic flights.

Do not confuse Rwy with Av. Lauro Sodré in its alignment, distance 984' (300 m) from Thr 01, with 39' (12 m) hgt light poles.

Engine check prohibited near the apron.

Prohibited PVC and PVS presentation and their updates by radiotelephony.

F-4, J.

ABN. Fire 6.

**Posse (Oricanga De Abreu)**

2713' SWPZ -03:00\* S14 07.4 W046 20.5

## BRAZIL

Apt Operator 61 9971-9624.

**10/28** 4921' ASPHALT. PCN 18/F/B/Y/T. RL.

ATND SKD SR-SS.

ABN.

**Posto Leonardo Vilas Boas see Chapada Dos Guimaraes**

**Pouso Alegre**

2904' SNZA PPY -03:00\* S22 17.3 W045 55.2

Apt Administration (35) 3422-4894, (35) 3423-5802, (35) 99944-1627.

**01/19** 4199' ASPHALT. PCN 14/F/A/Y/T.

SR-SS.

No touch and go landings.

Aircraft conducting flight training and ultralight activity in proximity of airport.

F-4, J.

ABN.

**Praia see Apui**

**Prefeito Dr. Joao Silva Filho, Intl see Parnaiba**

**Prefeito Octavio de Almeida Neves see Sao Joao Del Rei**

**Prefeito Renato Moreira see Imperatriz**

**PRES Castro Pinto Intl see Joao Pessoa**

**PRES Itamar Franco see Goiana**

**PRES Juscelino Kubitschek Intl see Brasilia**

**Presidente Epitacio**

974' SDEP -03:00\* S21 46.5 W052 09.8

**05/23** 3314' ASPHALT. PCN 8/F/C/Y/U.

ATND SKD SR-SS.

**Presidente Joao Batista Figueiredo see Sinop**

**Presidente Joao Suassuna see Campina Grande**

**Presidente Prudente**

1483' SBDN PPB -03:00\* S22 10.7 W051 25.1

ARO (18) 3222-0524.

**12/30** 6890' ASPHALT. PCN 38/F/A/X/T. TORA 30 6594'. LDA 12 6594'. LDA 30 6594'. TODA 30 6594'. ASDA 30 6594'. RL.

ATND SKD 0900-0100Z. O/T 1 hr PNR.

Concentration of birds (vultures) in vicinity of the AD.

RWY 12 first 295' (90m) closed for landing.

RWY 30 last 295' (90m) closed for landing and takeoff.

F-4, J.

ABN. Fire 7.

**Presidente Venceslau**

1460' SDPV -03:00\* S21 53.6 W051 53.1

**14/32** 3937' DIRT. AUW-13/0.5000 MPa.

SR-SS.

**Prof Urbano Ernesto Stumpf, INTL see Sao Jose Dos Campos**

**Professor Eriberto Manoel Reino see Sao Jose Do Rio Preto**

**Realeza**

1644' SSRE -03:00\* S25 48.1 W053 30.8

**06/24** 3937' ASPHALT. PCN 6/F/B/Y/T.

SR-SS.

**Recife (Guararapes-Gilberto Freyre Int) Apt of Entry**

33' SBRF REC -03:00 S08 07.6 W034 55.4

Apt Administration (81) 3322-4366; Fax (81) 3322-4091; adaerof@infraero.gov.br. (81) 2129-8217; On Call (81) 2129-8093, (81) 2129-8094.

## BRAZIL

**18/36** 9865' ASPHALT. PCN 72/F/B/X/T. ASDA 18 10217'. ASDA 36 10850'. HIRL. ALS.

H24. ATND SKD H24. Customs: H24.

CAUTION: Restricted visual contact with Recife ATCT on Delta taxiway.

Birds in vicinity of airport.

Twys G and K for aircraft traffic operations to traffic with wingspan up to 118' (36m).

Twys N and O for aircraft operations to traffic with wingspan up to 49' (15m).

Rwy 18/36 prohibited simultaneous operations with taxi operations on twy Delta, Kilo and Mike between aircraft with wingspan equal to or above 118'(36M) (inclusive) and aircraft with wingspan equal to or above 79'(24M) (inclusive), during IMC.

Ops involving two or more Acft with wingspan equal or greater than 171' (52m) cannot use Twy MIKE and Rwy 18/36 simultaneously.

Twys DELTA, ECHO, FOXTROT, GOLF and JULIET closed for civil aircraft.

Restriction to Acft classes and types:

- a. Acft W/O radio equipment.
- b. Gliders.
- c. Acft W/O transponder or with failure in this equipment.
- d. Flt of powered ultralights.

- Restriction to air services:

- a. Object launching or pulverizing.
- b. Acft pushback operation.
- c. Parachute launching.
- d. Acrobatic Flt.

AD noise abatement procedure changed to: aircraft causing a noise level above that allowed are those that do not comply with the requirements established in the BRAVO and CHARILE letters of item 36.103 of the Brazilian Aviacao Civil (RBAC 36), equivalent to chapters 3 and 4, respectively, of Annex 16 Volume 1 of the International Civil Aviation Convention restric-

tions for DEP: procedures for departure should be conformed estimated in SID.

AD can be used regularly by any compatible Acft with RCD 4E or lower.

Apron Mil Prk Opr with caution due to pavement cleaning up MON 1930-2000.

Hangar Apron (entrance and exit) operate with caution due to vehicle and equipment crossing.

Jet and turboprop aircraft are prohibited from turning tails towards buildings in the MIL apron.

Turnaround of 180° for aircraft of Fokker 100, Boeing 737 or greater aircraft, at threshold only.

100 octane, Jet A-1.

ABN. Fire 9.

### Redencao

679' SNDC RDC -03:00 S08 01.9 W049 58.8

**06/24** 4429' ASPHALT. PCN 7/F/C/Y/T.

SR-SS. ATND SKD 0900-2000Z.

AD will not accept flight plan by Amazonico ACC for aircraft from/to SNDC. It is mandatory to file the corresponding flight plan before take-off from/to SNDC via internet, telephone, fax, or any other AIS dependency located within the Amazonica or Ainda FIR, or in person at any AIS office.

F-4.

### Regional de Sorriso Adolino see Sorriso

### Registro (Aeroporto Estadual de Registro)

82' SSRG -03:00\* S24 31.9 W047 50.4

**10/28** 4692' ASPHALT. PCN 30/F/B/X/T.

Rwy 10 Right-Hand Circuit.

Traffic pattern south of airport to avoid traffic at EPPCO Heliport, SIFP.

### Regl Sul see Jaguaruna

### Resende

1320' SDRS QRZ -03:00\* S22 28.7 W044 28.9

## BRAZIL

Apt Administration (24) 3354-2757. Ground Services (24) 3355-4907, (24) 97404-6347, (24) 98865-8124.

**08/26** 4265' ASPHALT. PCN 13/F/C/Y/U. SR-SS. ATND SKD 1000-2100Z, O/T O/R. People occasionally in transit on the Rwy. J.

Fire 3.

**Riachao**

1312' SNRX -03:00 S07 21.0 W046 38.0

**12/30** 3937' CLAY/SAND. PCN 6/F/C/Y/U. SR-SS.

**Ribeirao Preto (Leite Lopes)**

1805' SBRP RAO -03:00\* S21 08.2 W047 46.6

Apt Administration (16) 3626-3376, (16) 3626-4984; Fax (16) 3626-3440; ribeirao-preto@daesp.sp.gov.br. (16) 3626-3426. Ground Services (16) 3626-2041, (16) 3626-2416, (16) 3969-3363, (16) 9262-1949; On Call (16) 7811-5698.

**18/36** 6890' ASPHALT. PCN 54/F/A/X/T. TORA 18 6562'. TORA 36 6234'. LDA 18 6234'. LDA 36 6562'. TODA 18 6562'. TODA 36 6234'. HIRL.

H24. ATND SKD 0830-0200Z, O/T O/R. Customs: O/R.

Birds in vicinity of airport

Transmission of flight plans to ATS via radiotelephone is prohibited.

Turnaround of 180° for ACFT of FOKKER 100, BOEING 737, or greater ACFT, at THR only.

F-4, Jet A-1.

ABN. Fire 6.

**Rio Branco (Placido de Castro)**

633' SBRB RBR -05:00 S09 52.1 W067 53.9

Apt Administration (68) 3211-1003, (68) 3211-1004; Fax (68) 3211-1034, (68) 3229-5534. (68) 3211-1044, (68) 3211-1045.

**06/24** 7080' ASPHALT. PCN 78/F/D/X/T. MRL. MIALS 06.

H24. ATND SKD 0900-2100Z. O/T O/R. Customs: Customs O/R. Immigration daily 1200-1700Z and 2200-0230Z.

Birds in vicinity of airport.

The use of push back for Acft above 44092lbs (20t) to the exit from parking is mandatory.

General aviation aircraft shall be guided by marshaller to the parking area for small aircraft.

State service OPS24 hr PPR.

AD avbl for Intl Ops with passengers Mon-Fri, 1400-1530Z.

Flight Plan and its update can be filed via Tel/fax.

Medium and large size Acft shall execute a 180 Deg turn only at the threshold turn area.

100 octane, J.

ABN. Fire 6.

**Rio Claro**

1969' SDRK QIQ -03:00\* S22 25.9 W047 33.7

**03/21** 3435' DIRT. AUW-12/0.5000 MPa. 0800-0200Z.

**Rio de Contas**

3576' SDLE -03:00\* S13 35.2 W041 47.3

**15/33** 3937' TURF.

SR-SS.

**Rio De Janeiro (Campo Delio Jardim de Mattos)**

112' SBAF Mil. -03:00\* S22 52.5 W043 23.1 (21) 2157-2279, (21) 2157-2311, (21) 2174-7228.

**08/26** 6565' CONCRETE. PCN 14/R/C/Y/T. RL. 0900-0200Z; O/R after hours servicing PPR minimum 24 hours in advance, phone Operations during open hours.

Prior permission required for civilian operations to airport from Afonsos base commander.

## BRAZIL

Birds in the vicinity of the airport.

The use of the military ramp requires previous coordination with SCOAM-Air Force, call 21-2157-2311 or OOP at 21-2157-2279.

Jet fuel is for exclusive use of military aircraft.

Kites in vicinity of Rwy 26 and traffic pattern in JAN, FEB, JUL, and DEC.

J.

ABN. Fire 5.

**Rio De Janeiro (Galeao-Antonio Carlos Jobim In)** Apt of Entry

28' SBGL GIG -03:00\* S22 48.6 W043 15.0

Apt Administration (21) 3398-5050; Fax (21) 3398-4292. (21) 3383-3155, (21) 3398-3057, (21) 3398-3615, (21) 3398-4284; Fax (21) 2101-6417, (21) 3398-4371; coa@riogaleao.com. ATS (21) 3398-3016, (21) 3398-4565. FSS (21) 3398-4738.

**10/28** 13123' CONCRETE. PCN 78/R/A/W/T. HIRL. HIALS 10. HIALS 28.

Rwy 28 Right-Hand Circuit.

**15/33** 10433' ASPHALT. PCN 73/F/B/X/T. TORA 15 10039'. TORA 33 10007'. LDA 15 9613'. LDA 33 9613'. ASDA 15 10039'. ASDA 33 10007'. HIRL. HIALS 15.

Rwy 15 Right-Hand Circuit.

In the approach to Rwy 15, do not mistake the lighting of Duque de Caxias Refinery with the Rwy lights, both in the same direction, north of the AD.

H24. ATND SKD H24. Customs: H24.

Birds in vicinity of the airport.

Do not mistake Duque de Caxias refinery lights for Rwy 15. Flight over refinery below 1000 ft is prohibited.

Taxiway Bravo and November cleared for occasional landing/departure.

In times of high traffic density, aircraft are required to accomplish landing and take-off with the least amount of time occupying the runway.

DC-10 and B-747 take-offs from runway 33 shall be carried out after the first 197' (60m), observing the yellow marking which determines the cockpit position of these aircraft.

Apron 1 restricted to Acft with maximum wingspan of 118' (36m).

Ops for B747-8 and Airbus A380 acft are allowed according to special procs described in MOPS approved by ANAC.

Restriction to Acft classes and types: Acft w/o radio eqpt, gliders, Acft w/o transponder or inop transponder, powered ultralights.

Restriction to air services: object launching or pulverizing, Acft pushback ops, parachute launching, acrobatic flt.

Twy Y1, Y2, Y3 and Y4 exclusive for Acft with Max wingspan of 118' (36 m). Aprons 1 and 2 (entrance and exit) Opr caution due to crossing of vehicles and equipment.

At least 1 hr PNR for parking for rotary wing aircraft of general aviation. Maximum stay on ground 02 hours, except with COA authorization and when in the maneuvering area.

At least 4 hr PNR for parking for fixed wing aircraft of general aviation. Maximum stay on ground 02 hours, except with COA authorization and when in the maneuvering area.

Apron 1,2 and 5 the use of fork is mandatory for aircraft with wingspan greater than 79' (24 m).

Engine run-up is prohibited at the parking area of the Military AIS Reporting Office of Galeão Air Base.

Apron 1 is intended to be used by ACFTs: international flights; executive commercial domestic flights; government flights; air taxi; exceptional situations; helicopter flights with passengers.

Apron 5 is intended for ACFTs: domestic general aviation; commercial flights in maintenance or extended stay purposes; military transport; helicopters; flights diverted from other airports for technical or meteorological reasons (other than those provided for the apron 1).

## BRAZIL

J. Oxygen.

ABN. Fire 10.

**Rio De Janeiro (Santa Cruz)**

10' SBSC SNZ Mil. -03:00\* S22 56.0 W043 43.2

(21) 3078-0374, (21) 3078-0643. ARO (21) 3078-0321. Ground Services (21) 3078-0372, (21) 3078-0687.

**05/23** 8986' ASPHALT. PCN 32/F/B/X/T. ASDA 05 10142'. ASDA 23 10138'. RL.

ATND SKD H24.

CAUTION: Land with caution, due to the existence of barriers for F-5 Acft retention positioned between the stop zones and the Thr of Rwy 05/23.

Civil aircraft operations only with prior authorization from ALA 12 commander.

See visual approach chart for entry and departure circuit traffic pattern.

TWY diagonal, access to WHISKEY apron, not available in night.

Flightplan and its update can be filed by TEL or FAX.

The filing of a flight notification by radiotelephony not authorized.

J. Oxygen.

ABN. Fire 5.

**Rio De Janeiro (Santos Dumont)**

10' SBRJ SDU -03:00\* S22 54.6 W043 09.7

Apt Administration (21) 3814-7070; Fax (21) 2533-2218. (21) 2101-6640, (21) 3814-7279; Fax aviacaogeral.sbrj@infraero.gov.br. ARO (21) 3814-7203; Fax (21) 3398-4738. Ground Services (21) 2262-0013, (21) 3814-7301, (21) 3814-7437, (21) 3814-7781.

**02L/20R** 4134' ASPHALT. PCN 39/F/B/X/T. MIRL.

**02R/20L** 4341' ASPHALT. PCN 65/F/B/X/T. MIRL.

H24. ATND SKD 0800-0200Z, O/T O/R.

PPR general aviation aircraft must coordinate operations 3 hrs before landing. The following needs to be provided, landing and take-off time, type of aircraft, wingspan, origin of departure, number of passengers, time of stay no longer than 4 days contact airport operations.

Ramp GEIV exclusive for fixed wing military aircraft. Use of ramp GEIV 24hr PNR.

Apron DECEA 1 (previously military apron 3) limited to use by military Acft. Aircraft must contact Rio operations for information, major authority and support as necessary.

Parking on apron and overnight stay restricted for Acft with weight over 12566 lbs (5700 kg). Airport administration PPR.

If the pilot doesn't know the AD, required support Follow- Meto Tower Solo.

Training and cargo (except those engaged exclusively in the transportation of valuable) flights prohibited.

For night operations observe lack of beacon.

Non-scheduled domestic passenger (charter) flights shall only be authorized on Sat, Sun and Hols or out of busier hrs, at the aeronautical authority's discretion.

Rio de Janeiro tower shall not provide aircraft information for take-off times. Instructions concerning the frequency of the next unit to be contacted after take-off and, if necessary complementary instructions shall be given together with the take-off clearance.

Due to operational restrictions PPR for use of military apron.

No Auth presentation of Flight Plan by radiotelephony.

F-4, J.

ABN. Fire 7.

**Rio Grande (Rio Grande Regl)**

26' SJRG -03:00\* S32 04.9 W052 09.8

**06/24** 4921' ASPHALT. PCN 11/F/B/Y/T. RL.

ABN. Fire N.



## BRAZIL

**Rio Grande Regl see Rio Grande****Rio Paranaiba**

3757' SNRP -03:00\* S19 12.7 W046 14.4

**16/34** 3281' DIRT. AUW-9/0.5000 MPa.

SR-SS.

**Rio Verde (Gen Leite De Castro)**

2463' SWLC RVD -03:00\* S17 50.1 W050 57.4

Apt Administration (64) 3620-2125, (64) 3622-6437. Ground Services (64) 3622-5428, (64) 9279-3646.

**03/21** 4921' ASPHALT. PCN 19/F/C/Y/U. RL.

F-4, J.

ABN. Fire 3 Mon-Fri, Sun: 1000-1700Z.

**Romeu Zema see Araxa****Rondonopolis**

1467' SBRD ROO -04:00\* S16 35.3 W054 43.3

Apt Administration On Call (66) 3411-5134.

**02/20** 6070' ASPHALT. PCN 28/F/B/X/U. RL.

Night lighting available O/R by phone, minimum 30 minute prior to use.

Birds in vicinity of AD.

There may only be one simultaneous operation for aircraft with a wingspan up to 66' (20 m) on the taxiway to access hanger A or B, in order to preserve the RWY lane of RWY 02/20.

Prohibited 180 Deg turns on Rwy 02/20 for medium and large Acft.

F-4, Jet A-1.

ABN. Fire N.

**Rosana (Usina Porto Primavera)**

1067' SBAV -04:00\* S22 31.6 W052 58.3

Apt Manager 0182-84-1144.

**08/26** 4921' ASPHALT. PCN 32/F/C/X/U. TODA 08 5905'. TODA 26 5905'. ASDA 08 5118'. ASDA 26 5118'.

F-4, J.

Fire U.

**Rosario Do Sul**

348' SSRZ -03:00\* S30 16.6 W054 55.5

**10/28** 3937' CLAY/GRVL. PCN 8/F/C/Y/U.

ATND SKD SR-SS.

**Rubem Berta see Uruguaiana****Ruben Berta see Marechal Candido Rondon****Ruy Barbosa**

1325' SSLS -03:00\* S12 16.3 W040 31.8

**13/31** 4160' ASPHALT. AUW-13/0.6000 MPa.

Rwy 13 Right-Hand Circuit.

SR-SS.

**Sacramento (Jaguara)**

1909' SNJW -03:00\* S20 02.5 W047 25.3

**02/20** 3543' ASPHALT. PCN 17/F/C/Y/U.

ATND SKD SR-SS.

**Saica see Cacequi****Salgado Filho Intl see Porto Alegre****Salgueiro**

1539' SNSG -03:00 S08 02.8 W039 08.0

**17/35** 4265' ASPHALT. PCN 8/F/B/Y/U.

SR-SS.

**Salinas**

2503' SNSS -03:00\* S16 12.5 W042 19.3

**18/36** 4856' ASPHALT. PCN 8/F/B/Y/T.

SR-SS.

**Salvador (Dep. L. E. Magalhaes Intl)** Apt of Entry

66' SBSV SSA -03:00\* S12 54.5 W038 19.3

Apt Administration (71) 3204-1155, (71) 3204-1178, (71) 3204-1186; Fax (71) 3204-1269; cco@salvador-airport.com.br, con-



**BRAZIL**

trato@salvador-airport.com.br. (71) 3204 1359, (81) 2129-8093, (81) 2129-8094.

**09** 6900' ASPHALT. PCN 104/F/B/X/T. TORA 09 6604'. LDA 09 6604'. TODA 09 6604'. ASDA 09 6604'. HIRL.

**10/28** 9852' ASPHALT. PCN 104/F/B/X/T. TORA 10 9557'. TORA 28 9557'. LDA 10 9557'. LDA 28 9557'. TODA 10 10837'. ASDA 10 9557'. ASDA 28 9557'. HIRL.

**17/35** 4980' ASPHALT. PCN 41/F/B/X/T. HIRL. Rwy 35 Right-Hand Circuit.

H24. ATND SKD H24. Customs: H24.

Birds in vicinity of Airport.

Prohibited operations for takeoff and landing on RWY 10/28 during OPS on taxiway Alfa of aircraft with wingspan above 118' (36 m) when under instrument meteorological condition operations.

TWY "D" limited to aircraft with 118' (36 m) max wingspan.

Restrictions to classes and types of aircraft: aircraft without radio, gliders, aircraft without transponders, or ultralight flights.

Restriction on air services: launching of objects or spraying, aircraft trailers, parachute launching, and acrobatic flights.

Aircraft causing a noise level above that allowed are those that do not comply with the requirements established in the Bravo and Charlie letters of item 36.103 of the Brazilian Aviação Civil (RCAB 36), equivalent to chapters 3 and 4, respectively, of Annex 16 Volume 1 of the international civil aviation convention restrictions for DEP: procedures for departure should be conformed estimated in SID.

6 hrs PNR for General Aviation Acft via email with ETA/ETD or Origin/Destination.

TWY "L" limited to aircraft with 118' (36 m) max wingspan.

TWY L between APRON 1 TWY M withdrawn due to expansion work at the passenger terminal.

AD can be regularly used by any Acft compatible with RCD 4E or lower.

Prohibited presentation of PLN and its update message by radiotelephony.

Engine run-up prohibited in front of tower and between 2200Z and 0600Z.

Radio and transponder required.

Flight Plan and updates can be filed by TEL and FAX.

Turnaround of 180° for aircraft of Fokker 100, Boeing 737, or greater aircraft at threshold only.

Rwy 17/35 available for occasional operations with PCN 30/F/C/X/U in weather conditions adverse to operations on Rwy 10/28.

F-4, Jet A-1.

ABN. Fire 10.

**Santa Cruz see Rio De Janeiro**
**Santa Cruz Do Sul**

646' SSSC CSU -03:00\* S29 41.0 W052 24.7

**08/26** 3871' ASPHALT. PCN 8/F/C/Y/U.

SR-SS. ATND SKD SR-SS.

F-4.

**Santa Genoveva Intl see Goiania**
**Santa Helena De Goias**

1591' SWHG -04:00\* S17 53.0 W050 34.0

**14/32** 3281' ASPHALT. AUW-13/0.5000 MPa.

ATND SKD SR-SS.

**Santa Isabel Do Rio Negro (Santa Izabel do Rio Negro)**

223' SWTP -04:00\* S00 25.0 W065 02.0

Apt Administration (97) 3471-1594.

**09/27** 3937' ASPHALT. PCN 8/F/C/Y/U.

Mon-Fri 1100-1500Z, O/T O/R via TEL. ATND SKD Mon-Fri 1100-1500Z, O/T O/R via TEL.

**Santa Magalhaes see Serra Talhada**

## BRAZIL

**Santa Maria**

289' SBSM RIA -03:00\* S29 42.6 W053 41.5

Apt Administration 3921-7288, 9147-2323, 9646-8776, 9944-8441; aeropor-  
tism@gmail.com. On Call 3220-3335,  
3220-3336. ATS On Call 3220-3630,  
3921-7288, 99646-8776, 99944-8441. Ground  
Services 3226-4366.

**02/20** 4938' ASPHALT. PCN 10/F/C/Y/U. RL.

Rwy 02/20 Only used for Arriving and Departing  
Military Aircraft.

**11/29** 8839' CONCRETE. PCN 20/R/B/X/T.  
ASDA 11 9035'. ASDA 29 9035'. RL. HIALS 11.  
1100-2300Z. ATND SKD MON - FRI  
0030-0130Z and 1000-2200Z. SAT and HOL  
1030-1930Z, SUN 0030-0130Z AND  
1030-1930Z. Other times O/R 24h PN.

Civil aircraft planing to stay on ground more  
than 2 hours or over night only O/R 48HR PNR.

Taxiing of aircraft at or greater than ACN 14  
(Hercules) is prohibited between RWY 11/29  
and taxiway on RWY 02/20.

Rwy 02/20 used exclusively by Military aircraft  
for Arrival and Departure.

Engine run up prohibited on the ramp. Only  
allowed in the run up area and the Thr.

PCN for the 1st 984' (300 m), RWY 11:  
19/R/B/X/T.

F-4, J.

ABN. Fire 5.

**Santa Maria see Campo Grande****Santa Maria Da Vitoria**

1850' SNVD -03:00\* S13 24.0 W044 13.0

**10/28** 3937' GRAVEL. PCN 8/F/C/Y/U.

SR-SS.

**Santa Maria Intl see Aracaju****Santa Rosa**

1014' SSZR SRA -03:00\* S27 54.5 W054 31.3

Apt Administration (55) 3512-5877.

**07/25** 3937' ASPHALT. PCN 8/F/A/Y/T.

F-4.

ABN.

**Santa Terezinha**

663' SWST STZ -04:00\* S10 27.9 W050 31.1

**08/26** 4921' GRAVEL. PCN 8/F/B/Y/U.

Use the old runway 11/29 as a taxiway.

F-4.

**Santa Terezinha see Joacaba****Santarem (Maestro Wilson Fonseca Intl)**

197' SBSN STM -03:00\* S02 25.5 W054 47.1

Apt Administration (93) 3523-1021, (93)  
3523-1990, (93) 3523-2834, 93-3522-4328; Fax  
93-3523-2127. (93) 3523-2040. Ground Ser-  
vices (93) 3522-2033, (93) 9651-5041, (93)  
9952-7540, (93) 9975-1347; H24 (93)  
3523-5533; Fax (93) 3523-0093.

**10/28** 7874' ASPHALT. PCN 48/F/A/W/T.  
ASDA 10 8104'. ASDA 28 8058'. MIRL.

H24. ATND SKD H24.

Birds in vicinity of airport.

Flight plans, flight notifications and ATS mes-  
sages may be submitted by tel pln/fax  
93-3523-2040; tel plan (93) 3529-2316.

180 degree turns for aircraft with wingspan  
Airbus, Boeing 737, or bigger at threshold only.

Filing flight plan byradio to Twr prohibited.

F-4, Jet A-1.

ABN. Fire 6.

**Santiago**

1460' SSST -03:00\* S29 12.9 W054 50.5

**17/35** 4396' CLAY/GRVL. PCN 8/F/C/Y/U.

## BRAZIL

SR-SS. ATND SKD SR-SS.

F-4.

**Santo Angelo (Sepe Tiaraju)**

1056' SBNM GEL -03:00\* S28 16.9 W054 10.1

Apt Administration 3313-6617; aero.sangelo@transportes.rs.gov.br. 3312-9779.

**11/29** 5331' ASPHALT. PCN 35/F/A/X/T. TORA 29 5036'. LDA 29 5036'. ASDA 29 5036'. RL.

ABN. Fire 4 Mon, Wed, Fri, Sun: 1825-1955Z.

**Santo Antonio Do Amparo**

3599' SNAM -03:00\* S20 54.7 W044 53.7

**18/36** 5315' ASPHALT. PCN 7/F/A/Y/T.

ABN.

**Santo Antonio Do Ica (Ipiranga)**

131' SWII IPG -04:00 S02 56.0 W069 41.7

**01/19** 4921' CONCRETE. PCN 13/R/C/W/U.

**Santos Dumont see Rio De Janeiro****Sao Benedito (Walfrido Salmito de Almeida)**

2900' SWBE +03:00 S04 03.0 W040 53.0

**10/28** 4921' ASPHALT. PCN 12/F/B/Y/T. RL.

ABN.

**Sao Borja**

246' SSSB QOJ -03:00\* S28 39.2 W056 02.0

**06/24** 4921' ASPHALT. PCN 17/F/C/Y/U.

**13/31** 3445' CLAY/GRVL. PCN 8/F/C/Y/U.

SR-SS.

F-4.

**Sao Carlos (Mario Pereira Lopes)** Apt of Entry

2648' SDSC -03:00 S21 52.6 W047 54.2

**02/20** 5315' ASPHALT. PCN 47/F/A/X/T. RL.

Customs.

International air traffic permitted O/R and with PNR.

International operations are restricted to private air services intended for the entry or exit or to the provision of maintenance and repair services. International operations are prohibited for public air services, regular or non-scheduled cargo / mail package and regular or non-scheduled passenger transport.

ABN.

**Sao Felix Do Araguaia**

650' SWFX SXO -04:00\* S11 37.9 W050 41.3

**12/30** 4757' ASPHALT. PCN 19/F/A/X/T.

ATND SKD SR-SS.

F-4, Jet A-1.

Fire U.

**Sao Felix Do Xingu**

666' SNFX SXX -03:00 S06 38.4 W051 59.4

**13/31** 5249' ASPHALT. PCN 45/F/C/X/U.

SR-SS.

**Sao Gabriel**

472' SSSG -03:00\* S30 20.7 W054 16.1

**04/22** 3609' CLAY/GRVL. PCN 8/F/C/Y/U.

SR-SS. ATND SKD SR-SS.

F-4.

**Sao Gabriel Da Cachoeira**

250' SBUA SJL -04:00 S00 08.9 W066 59.1

**05/23** 8530' ASPHALT. PCN 47/F/C/X/U. TODA 05 10170'. TODA 23 10170'. ASDA 05 8776'. ASDA 23 8779'. RL.

ATND SKD 1100-2100Z. O/T O/R.

Birds in vicinity of airport.

F-4, J.

ABN. Fire 3.

**Sao Joao Da Boa Vista (Mun Sao Joao Da Boa Vista)**

2501' SDJV -03:00\* S22 01.0 W046 50.4

**04/22** 4101' ASPHALT. PCN 20/F/B/Y/T. RL.

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Rwy 04 Right-Hand Circuit.

Traffic circuit only to the SE of the Apt.

ABN.

**Sao Joao Del Rei (Prefeito Octavio de Almeida Ne)**

3100' SNJR -03:00\* S21 05.1 W044 13.5

Apt Operator On Call (32) 3373-2207, (32) 9969-8214.

**08/26** 4593' ASPHALT. PCN 16/F/B/Y/T.

SR-SS O/T O/R.

ABN.

**Sao Joaquim Da Barra**

2136' SDJO -03:00\* S20 35.6 W047 50.5

**14/32** 3281' DIRT. AUW-12/0.5000 MPa.

SR-SS.

**Sao Jose Do Rio Preto (Professor Eriberto Manoel Rein)**

1785' SBSR SJP -03:00\* S20 49.0 W049 24.3

ATS (31) 3689-2532. Ground Services (17) 3236-1861, (17) 98165 1987, (17) 99125 9326, (17) 9972 35117.

**07/25** 5381' ASPHALT. PCN 35/F/B/X/T. RL.

ATND SKD 0700-0100Z. O/T O/R.

CAUTION: Bird concentrations in the vicinity of airport.

Private, executive and non-regular Acft must use stand Nr 2 for parking and overnight. To use stand Nr 1 PPR with DAESP SBSR via tel.: (17) 3233-1919.

F-4, J.

ABN. Fire 6.

**Sao Jose Dos Campos (Prof Urbano Ernesto Stumpf, IN)**

2123' SBSJ SJK -03:00\* S23 13.7 W045 52.3

Apt Administration (12) 3946-3000, (12) 3946-3003; Fax (012) 341 2227. (12)

3946-3001; H24 (12) 3947 3414; Fax (12) 3947 3399; sbsj\_operacoes@infraero.gov.br.

**15/33** 8780' ASPHALT. PCN 71/F/A/X/T. ASDA 15 9846'. HIRL. MIALS 15.

H24. ATND SKD 0900-0100Z. Customs.

CAUTION: Aircraft operating between the apron for general aviation and Thr 33 are not visible from the tower.

Rwy 15/33 operate with caution due to Acft retaining barrier positioned over asphalt near Thr 33 (displaced), applicable to propeller Acft.

Birds in vicinity of airport.

General Aviation parking Apron 2 PPR from Airport Ops Center 3 hr prior of intended landing. 2 days maximum stay. Mandatory push back operation in ramp 2 for aircraft with wingspan greater than 66' (20 m).

Aircraft must do engine run-ups at Thr 33, daily 0300-0730Z when the run-up area is closed and with prior coordination with the airport operator. Aircraft with wingspan greater than 148' (45m), will not be able to turn around at Rwy 15/33. Aircraft at Rwy 33 will not be able to return.

Jet engine run-up prohibited in parking area in front of CTA authorities boarding room.

Caution due to the possibility of unmanned hot-air balloons occurring mainly in May, June, July and August.

Flight plan and its updates by telephone and fax.

Be alert model airplanes in SW sector near São flying club José dos Campos.

F-4.

ABN. Fire 5 1000-0100Z O/T O/R.

**Sao Lourenco**

2871' SNLO SSO -03:00\* S22 05.5 W045 02.7

**05/23** 3510' ASPHALT. PCN 14/F/B/X/T.

ATND SKD SR-SS.

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**Sao Lourenco Do Sul**

26' SSRU SQY -03:00\* S31 23.0 W052 02.0  
**03/21** 3609' SAND. AUW-13/0.5000 MPa.  
SR-SS.

**Sao Luis (Marechal Cunha Machado Intl)**

Apt of Entry  
178' SBSL SLZ -03:00 S02 35.2 W044 14.2  
Apt Administration (98) 3217-6100; Fax (98)  
3245-4457. (98) 3245-1553, (98) 4009-4328.  
ARO (48) 4009-4312, (98) 3245-1553.  
**06/24** 7825' ASPHALT. PCN 52/F/B/X/T. TORA  
06 7530'. TORA 24 7530'. LDA 06 7530'. LDA  
24 7530'. ASDA 06 7530'. ASDA 24 7530'.  
HIRL.

**09/27** 4803' ASPHALT. PCN 39/F/B/X/T. TORA  
09 4508'. TORA 27 4508'. LDA 09 4245'. LDA  
27 4508'. TODA 27 4541'. ASDA 09 4508'.  
ASDA 27 4508'. MIRL.

H24. ATND SKD H24. Customs: O/R.

Birds in vicinity of airport.

Acft parked or moving on the general aviation  
apron in the vicinities of Maranhão Flying Club  
or the CLA hangar will be out of the visual con-  
tact of the control tower, due to obstruction cre-  
ated by the covering of the passenger terminal  
and the embarkation corridor number 1.

Engine runs up are prohibited on the parking  
positions in front of the AIS unit.

Aircraft will not operate without 2 way radio con-  
tact with the Twr.

Rwy 06/24 slippery when wet.

Flight plan and updates prohibited by radio;  
authorized by telephone.

RWY 06/24 180° turns authorized for ACFT  
greater than 94' (28.7 m) wingspan only at  
the Thr.

Aircraft of 12566 lbs (5700 kg) or more shall  
execute 180 degree turns only on the concrete  
part of the Rwy's.

F-4, J.

ABN. Fire 7.

**Sao Luis Gonzaga**

656' SSLG -03:00\* S28 22.6 W055 02.2  
**06/24** 3937' SAND. PCN 8/F/C/Y/U.  
SR-SS.

**Sao Manuel (Nelson Garofalo)**

2395' SDNO -03:00\* S22 41.8 W048 34.6  
**14/32** 3281' ASPHALT. PCN 13/F/C/Y/U. RL.  
Gyrocopters activity in vicinity of AD.  
Traffic pattern North of the Apt.  
ABN.

**Sao Mateus**

98' SNMX SBJ -03:00\* S18 43.3 W039 50.0  
**08/26** 4429' ASPHALT. PCN 8/F/C/Y/U. RL.  
AD closed for all night VFR operations, except  
medical operations in the case of emergency.  
ABN.

**Sao Miguel Do Araguaia**

1260' SWUA -03:00\* S13 20.0 W050 12.3  
**08/26** 4921' ASPHALT. AUW-13/0.5000 MPa.  
ATND SKD SR-SS.  
F-4.

**Sao Miguel Do Iguacu**

951' SSMY -04:00\* S25 23.6 W054 16.1  
**02/20** 3281' ASPHALT. AUW-12.  
ATND SKD SR-SS.

Flight in the vicinity of aerodrome, only through  
agreement and coordination with Foz approach.  
Not applicable as an alternate airport.

Aerodrome restricted to the Federal Police. Air-  
craft operations at the aerodrome only with  
prior clearance. Contact operations telephone  
(45) 3565-3347 or (61) 2024-8787.

**Sao Miguel Do Oeste**

2182' SSOE SQX -03:00\* S26 46.9 W053  
30.2

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**17/35** 4134' ASPHALT. PCN 11/F/A/Y/T.

Aircraft and gliders conducting flight instruction around the aerodrome.

F-4.

ABN.

**Sao Paulo (Campo de Marte)**

2371' SBMT -03:00\* S23 30.4 W046 38.0

(11) 2223-3729. ATC (11) 2112-3450; Fax (11) 5090-9022.

**12/30** 5249' ASPHALT. PCN 16/F/C/Y/U. TORA 12 4757'. TORA 30 4265'. LDA 12 4265'. LDA 30 4757'. TODA 12 4757'. TODA 30 4265'. RL.

Rwy 12 Right-Hand Circuit.

ATND SKD 0900-0200Z.

Rwy 12 closed first 984' (300 m) for landing and Rwy 30 on last 984' (300 m) for departure due to obstructions on approach Rwy 12.

Birds in vicinity of AD.

3 hrs PPR for parking in front of the pax terminal with max stay 4 days.

AD open to night operations. Take-off Rwy 12, land Rwy 30. Except Heli Ops.

Weather balloons in vicinity of airport.

Kite activity in vicinity of the thresholds of Rwy 12 and Rwy 30, and in the traffic pattern primarily Sat, Sun and Hol.

F-4, J.

ABN. Fire 3 0930-0130Z.

**Sao Paulo (Congonhas)**

2631' SBSP CGH -03:00\* S23 37.6 W046 39.4

Apt Administration (11) 5090-9000, (11) 5090-9120; Fax (11) 5531-7718. (11) 2112-3461, 11 5090-9178, 11 5090-9182; Mobile 11 98453-4644.

**17L/35R** 4905' ASPHALT. PCN 38/F/B/X/U. TORA 17L 4413'. TORA 35R 4413'. LDA 17L 3921'. LDA 35R 3921'. TODA 17L 4413'. TODA

35R 4413'. ASDA 17L 4413'. ASDA 35R 4413'. RL.

**17R/35L** 6365' ASPHALT. PCN 50/F/B/X/T. TORA 17R 5873'. TORA 35L 5873'. LDA 17R 5446'. LDA 35L 5446'. ASDA 17R 5873'. ASDA 35L 5873'. HIRL. HIALS 17R.

0900-0200Z, with at least 40 Min PNR. ATND SKD 0800-0200Z.

Not usable as alternate airport.

Service state flights (foreign or domestic) require prior notification to the administration and from the ANAC for aerodrome availability on international landing and takeoff operations, at least 24 hours (including weekends and national holidays).

Possible down drafts near threshold Rwy 17L/R.

AOE by prior request. Airport should be used as an international airport only by general aviation and non-scheduled commercial aviation classified as such by ICAO, and excluding cargo flights.

Taxiway OSCAR limited to aircraft operations with 79' (24m) maximum wingspan.

Caution due to possibility of unmanned hot-air balloons occurring mainly in May, June, July and August.

In order to allow prompt aircraft departure near closing time of the aerodrome, landing for aircraft that have not yet reached the basic aid for the approach procedure may be suspended until 01:45Z.

Arriving or departing aircraft via SID and / or STAR RNAV 5 procedures, are exclusively for approved aircraft RNAV 1 or RNP 1.

Acf operations shall be prohibited between 0900-1000Z and 0100-0200Z when their noise levels are not in accordance with those specified in the subparts 'C' and 'F' of

the Regulamento Brasileiro de Homologação Aeronáutica -(RBAC 36), which corresponds to Chapters 3, 5 and 10 of Annex 16/volume 1 to

## BRAZIL

the ICAO Convention and its further amendments and updates.

The parking stands are available for scheduled domestic flights only for 40 minutes Max.

Extreme caution should be exercised on taxiway for access to threshold of runway 17R; idling power to the minimum is compulsory for taxi between the first turn after position nr 2 and critical position nr 3. See diagram at the AIS Reporting Office.

Acft subject to air traffic schedule (HOTRAN) shall observe, when landing and departing, the traffic sequence established by the ATS unit.

Acft flights are authorized only when they can use both Rwy for Dep and Ldg, except when the Acft are engaged in scheduled passenger domestic flights.

Operation of fixed-wing Acft will only be allowed with two pilots, excepting TPP CAT Acft, once operated by an airline pilot (PLA).

The non-scheduled domestic passenger flights (charter) shall be authorized during Sat, Sun and Hol only or out of busier hours at the aeronautical authority's discretion.

The activation of APU or GPU of an Acft, during the hours of use of the airport, shall be allowed only within the areas established by the AD administration.

Conventional Acft Ops are prohibited Btn 1000-1300Z and 2100-0000Z, Exc Sat, Sun and Hol.

Visual Flight Plans of fixed wing Acft Dest to or coming from such AD are prohibited.

Maintenance and air taxi new airlines operational headquarters are prohibited.

The following flights are prohibited:

- Training flights;
- Cargo flights, Exc flights reserved for bank supplies;
- Engine run-ups of any type of Acft Btn 0100/1000 UTC;
- The use of the airport as an alternate.

J.

ABN. Fire 7.

### Sao Paulo (Guarulhos-Gov Andre Franco Mon) Apt of Entry

2461' SBGR GRU -03:00\* S23 26.1 W046 28.4

Apt Administration (11) 2412-3144, (11) 2445-4844; dutymanager@gru.com.br. (11) 2445-2179, (11) 2445-3205; Fax (11) 2445-2938; cma1gr@infraero.gov.br. ATS 11 2445-2452; Fax 11 2445-2484; tagrgerencia@infraero.gov.br. Gen Aviation (11) 2445-2446, (11) 2445-3915, (11) 2445-4438; ag.coa@gru.com.br, supervi-  
sores.coa@gru.com.br, tecni-  
cos.coa@gru.com.br. Ground Services (11) 2445-4366, (11) 5582- 8639, (11) 98757-5206.

**09L/27R** 12139' ASPHALT. PCN 77/F/B/W/T. LDA 09L 11844'. LDA 27R 11942'. ASDA 09L 12336'. ASDA 27R 12336'. HIRL. HIALS 09L. HIALS 27R.

**09R/27L** 9843' ASPHALT. PCN 77/F/B/W/T. TODA 09R 10827'. ASDA 09R 10039'. ASDA 27L 10039'. HIRL. HIALSALS 09R. HIALS 27L. H24. ATND SKD H24. Customs: H24.

Apt reference code is 4E. Special authorization for Boeing 747-8 and Airbus A380, with specific procedure described in the Airport Manual Operation - MOPS, approved by ANAC.

Birds in vicinity of AD.

Kite concentration at ATZ, especially during Jan, Feb, Jul, and Dec, ground /1500' above ground level.

Pilots are cautioned as to the possibility of unmanned hot-air balloons occurring mainly in May, June, July and August.

Military aircraft destined to Sao Paulo Air Base (apron 7) must be in contact with Guarulhos Ops (Freq 122.50) 1100-0300Z in order to coordinate ground support Gnd. Out of the mentioned hours, the support is conditioned to pre-



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vious request by telephone +55 (11) 2465-2040 and TF3 (922) 313.

Parking of general aviation Acft only at Apron 12 and under operational control center. Authorization by telephone or email. The use of towbar is compulsory and max stay 2 hrs.

Twy Sierra, Tango and Uniform closed for aircraft dimensions above B-707. Taxi by their own means.

Aircraft shall adjust TkoF and/or Ldg for minimum time on runway in use.

Twy Alfa between Twy Golf and ramp 1 closed to Acft with wingspan greater than 213' (65 m).

Cargo flights and nonscheduled passenger flights shall be authorized only 0300-0900Z (with capacity of parking position capacity for 12 positions) and 1500-2100Z (with parking position capacity for 2 positions).

SBGR airport must not be used as destination change or alternate, for primary planned flight for SBSP or SBKP, due to apron capacity, except for military aircraft.

Postal flights authorized only 0230-0900Z with stay no longer than 2 hours.

Stay restriction limited to 3 hours for extra flights, non-regular passenger and cargo.

Aircraft cat Alfa, Bravo and Charlie must be prepared to take-off on runway 09L from intersection taxiway Hotel when required. 11155' (3400m) available.

Aircraft cat Alfa, Bravo and Charlie must be prepared to take-off on runway 27R from intersection taxiway Papa when required. 11352' (3460m) available.

Aircraft must be prepared to take-off without stopping on runway.

General aviation Acft (including Air Taxi) shall coordinate in advance its operations by phone or email:

1) Acft with up to 79' (24 m) wingspan 6 hr in advance.

2) Acft with up to 213' (65 m) wingspan 24 hr in advance.

3) Max time on the ground, flying international 3 hr and flying domestic 2 hr

Mandatory to inform:

a) Airport accredited handling company in charge of Acft.

b) Resources available for aircraft removal, in case of accident/incident. The use of towbar is mandatory.

It is prohibited to file PLN by radiotelephony.

Take-off Ops prohibited between 0800-1400Z and 2200-0300Z for aircraft unable to maintain at least 200 kts IAS until 5 NM from the opposite threshold or cross 6000' before 5 NM from the opposite threshold except military aircraft and those which operate according to Brazilian Civil Aviation Regulations (RBAC) 121 and 129.

Operations VFR day/night available only for helicopter and Brazilian military Acft.

Prohibited VFR flight plans of fixed wing aircraft to/from this AD, except for Brazilian military Acft.

Prohibited helicopter overfly over Sao Paulo Air Base.

Restrictions for Acft without radio, gliders, Acft without transponder or with transponder failure, ultralight Acft, objects launching or agricultural spraying, Acft towing, skydiving, acrobatic flights.

J.

ABN. Fire 10.

### **Sao Paulo De Olivenca (Senadora Eunice Michiles)**

335' SDCG -05:00\* S03 28.2 W068 55.4

**04/22** 3937' CONCRETE. PCN 6/R/B/Y/T.

SR-SS.

Operations of fixed wings ACFT prohibited, excluding emergency medical flights or transport of goods.



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**Sao Pedro Da Aldeia**

61' SBES Mil. -03:00\* S22 49.0 W042 05.5

Apt Administration (22) 2621-4096. (22) 2621-1060, (22) 2621-4271, (22) 2621-4274.

**07/25** 7881' CONCRETE. PCN 30/R/C/X/U. ASDA 07 8209'. ASDA 25 8209'. RL.

OPR between SS and SR only if requested until 1900Z.

Civil use by prior permission only.

Birds in vicinity of the airport.

The AD can be used regularly by Acft with the RCD 2C.

Attention for Ldg mirror measuring 8' (2.3 m) of Hgt located to the left side in the distance of 951' (290 m) of the Thr 07/25 and at a distance of 62' (19 m) from the main Rwy axis.

Attention for Emerg stop device for Acft provided with pickup hook. It consists of threesteel cables arranged transversely on the main Rwy in each Thr as specified below:

1) Main unit - steel cable with 0.1' (3.5 cm) diameter, 0.2' (5 cm) Rwy Alt, located at 1772' (540 m) from Rwy Thr.

2) Emergency device - steel cables with 0.1' (3.0 cm) diameter, 0.2' (5 cm) from Rwy, located at 689' (210 m) from the Rwy Thr.

AIS will not accept flight plan via Aldeia App/Twr from Acft taking off from ATS situated within the lateral limits of Aldeia ATZ/CTR.

Gnd SBES accepts Simplified Flight Plan by radiotelephony only from Acft of the Brazilian Navy Tkof SBES

Requests should be forwarded to the AIS room, by telephone or by the SISCEAB communications network

J.

ABN. Fire 3.

**Sao Raimundo Nonato (Serra da Capivara)**

1361' SWKQ -03:00\* S09 05.0 W042 38.7

Apt Administration (89) 98105 9378.

**16/34** 5413' ASPHALT. PCN 34/F/B/X/T. RL. ABN.

**Sao Sebastiao Do Paraíso**

3110' SNPY -03:00\* S20 56.9 W046 59.0

**05/23** 5249' ASPHALT. PCN 12/F/B/Y/U. RL. ABN.

**Sao Sepe**

502' SSEP -03:00\* S30 10.9 W053 34.8

**14/32** 3740' CLAY/GRVL.

AUW-13/0.6000 MPa.

SR-SS. ATND SKD SR-SS.

F-4.

**Sarandi**

2034' SSXD -03:00\* S27 58.9 W052 51.8

**14/32** 3937' SAND/CLAY. PCN 8/F/C/Y/U.

**Sen Nilo Coelho see Petrolina****Senador Petronio Portella see Teresina****Senadora Eunice Michiles see Sao Paulo De Olivença****Sepe Tiaraju see Santo Angelo****Serafin Enoss Bertaso see Chapeco****Serra da Capivara see Sao Raimundo Nonato****Serra Talhada (Santa Magalhaes)**

1542' SNHS -03:00\* S08 03.7 W038 19.7

**13/31** 5226' ASPHALT. PCN 31/F/B/Y/T. RL. ABN.

**Serro**

2428' SNSO -03:00\* S18 36.7 W043 25.4

**02/20** 3018' ASPHALT.

SR-SS.

**Silvio Name Junior see Maringa**

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**Sinop (Presidente Joao Batista Figuei)**

1227' SBSI OPS -04:00\* S11 53.1 W055 35.2

Apt Administration 3511-1945, 3531-3426, 9985-1109, 9994-8431; H24 (66) 9994-8556.

**03/21** 5348' ASPHALT. PCN 36/F/A/X/T. ASDA 03 5643'. ASDA 21 5643'. RL.

ATND SKD SR-SS.

Night operations PPR via tel.

As aircraft enter the apron observe instructions for parking positions.

Flightplans are not accepted by radio. File plans on the internet, by tel or fax, or personally to any accredited location (ROTAER or AIP-Brasil).

Authorization to perform 180 degree turns only on Thr 03 and 21.

F-4, J.

ABN. Fire 5.

**Siqueira Campos**

2313' SSQC -03:00\* S23 40.5 W049 49.1

**10/28** 3937' ASPHALT. AUW-13/0.6000 MPa.

SR-SS.

**Sobral**

210' SNOB QBX -03:00 S03 40.7 W040 20.2

Apt Administration (88) 3613-1622, (88) 3961-4919.

**10/28** 3389' ASPHALT. PCN 8/F/C/Y/U.

ABN.

**Soledade**

2208' SSSD -03:00\* S28 51.8 W052 32.4

**17/35** 3934' SAND. AUW-13/1.0000 MPa.

SR-SS.

**Sorocaba**

2077' SDCO SOD -03:00\* S23 29.0 W047 29.2

**18/36** 4856' ASPHALT. PCN 36/F/B/X/T. RL.

F-4, Jet A-1.

ABN. Fire N.

**Sorriso (Regional de Sorriso Adolino Be)**

1266' SBSO SMT -04:00\* S12 28.4 W055 40.1

Apt Administration (62) 99913-6262, (66) 3544-0789; On Call (66) 3545-8362, (66) 99657-6262, (66) 99657-8024. Apt Operator aeroporto.sorriso@gmail.com.

**05/23** 5577' ASPHALT. PCN 22/F/A/Y/T. RL.

First 328' (100M) closed for landing.

Last 328' (100M) closed for takeoff and landing.

ATND SKD 1100-2000Z.

Aerodrome prohibits fixed wing jet aircraft operations.

After sunset night lighting available on request via phone or email, minimum 4hr in advance.

F-4, J.

ABN. Fire 5.

**Soure**

43' SNSW SFK -03:00 S00 41.9 W048 31.2

**06/24** 3609' ASPHALT. AUW-13/0.5000 MPa.

SR-SS.

Fixed wings operations are prohibited on RWY 06/24, excluding medical emergency flights and transport of goods (prior coordination with the aerodrome operator in these cases needed).

**Sousa**

892' SNQD -03:00\* S06 47.1 W038 14.0

Apt Operator 99173-5560.

**15/33** 3527' ASPHALT. PCN 13/F/A/Y/U.

SR-SS.

**Souto Soares**

2677' SNST -03:00\* S12 05.8 W041 38.4

**17/35** 3937' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

## BRAZIL

**Tabatinga (Tabatinga Intl)** Apt of Entry

279' SBTB TBT -05:00 S04 15.0 W069 56.3

Apt Administration (97) 3412-2226, (97)  
3412-2528; Fax (97) 3412-3196. (97)  
3412-3310.**12/30** 7054' ASPHALT. PCN 33/F/D/X/U.  
ASDA 12 7300'. ASDA 30 7300'. MIRL.

1100-2300Z. ATND SKD 1100-2300Z. Customs: Scheduled flight hours and O/R, 24 hrs PNR.

CAUTION: Pedestrians crossing the runway.

CAUTION: Lateral lights located 29'(8.8 m) from Rwy edges during night operations.

Birds in vicinity of airport.

J.

ABN. Fire 5 H24.

**Taguatinga**

1958' SWTY QHN -03:00\* S12 26.0 W046 24.0

**05/23** 3937' GRAVEL. PCN 8/F/C/Y/U.**Tancredo Neves Intl see Belo Horizonte****Tancredo Thomas de Faria see Guarapuava****Tangara da Serra**

1473' SWTS -04:00\* S14 39.7 W057 26.6

Ground Services (65) 3339-1450 ext 320, (65) 99968-2264.

**18/36** 4921' ASPHALT. PCN 12/F/B/X/T.

ATND SKD 1000-2100Z.

Flight plans for acft to and from SWTS will not be accepted by Amazon ACC. Flight plans must be presented in person or by telephone/fax to any accredited AIS Room located in Amazon FIR.

F-4, J.

**Tarauaca**

646' SBTB TRQ -05:00 S08 09.3 W070 47.0

**14/32** 3707' ASPHALT.

Birds in vicinity of airport.

**Tatui**

2083' SDTF -03:00 S23 19.9 W047 52.8

**14/32** 3609' ASPHALT. PCN 28/F/B/X/T.

SR-SS.

Ultralight traffic in vicinity of AD.

**Taubate (Base de Aviao de Taubate)**

1923' SBTA Mil. -03:00\* S23 02.3 W045 30.9

Apt Administration (12) 2123-7437. (12) 2123-7446. ARO (12) 2123-7110. Aeroclub (12) 3621-2277. Ground Services (12) 2123-7437.

**08/26** 4921' ASPHALT. PCN 42/F/B/X/T. TORA 26 3609'. LDA 08 3609'. TODA 26 3609'. RL.

ATND SKD Avgas: Tue-Sun 1100-2100Z. For aircraft not based at airport 24 hrs PNR. Jet Fuel: Mon-Fri 0900-2100Z. O/T O/R.

Min 2 business days PPR for operations not headquartered Acft.

Ultralights and gyrocopters should carry out of the helicopters planned circulations.

F-4, J.

ABN. Fire 5.

**Tefe**

187' SBTF TFF -04:00 S03 22.8 W064 43.5

(92) 3652-5374, (92) 3652-5375. Apt Manager 092-943-2436.

**15/33** 7218' ASPHALT. PCN 29/F/C/X/U. TODA 15 9515'. TODA 33 8530'. RL.

ATND SKD 1000-2200Z, O/T O/R.

Birds in vicinity of apt.

F-4, Jet A-1.

ABN.

**Teixeira de Freitas**

344' SNTF TXF -03:00\* S17 31.5 W039 40.1

Apt Operator 71-3241-1982, 71-9670-6361, 77-8116-0829, 77-9909-5421, 77-9993-2336.

## BRAZIL

**11/29** 4790' ASPHALT. PCN 31/F/A/X/T. RL.

Prior permission required for VFR night operations (on request). Coordinate through telephone (73) 2919955.

ABN. Fire 5.

**Telemaco Borba**

2610' SBTL TEC -03:00\* S24 19.0 W050 39.1

**02/20** 5906' ASPHALT. PCN 24/F/B/X/T.

ATND SKD SR-SS.

ABN.

**Telemaco Borba**

2612' SSVL -03:00\* S24 19.0 W050 39.1

**02/20** 5906' ASPHALT. PCN 24/F/B/X/T. RL.

ABN.

**Ten Cel Av Cesar Bombonato see  
Uberlandia**

**Tenente Lund Pressoto see Franca**

**Teofilo Otoni (Juscelino Kubitschek)**

1575' SNT0 -03:00 S17 53.4 W041 30.9

**11/29** 3904' ASPHALT. PCN 10/F/B/Y/U. RL.

Unlighted tower with elev 1859' (566,48 M).  
Coords 175236.78 S/0413157.65 W.

ABN.

**Teresina (Senador Petronio Portella)**

220' SBTE THE -03:00 S05 03.6 W042 49.5

(81) 2129-8093, (81) 2129-8094. ARO (86)  
3133-6234.

**02/20** 7218' ASPHALT. PCN 46/F/A/X/T. TORA  
20 6923'. LDA 20 6923'. ASDA 20 6923'. RL.

Do not confuse Rwy 02/20 with Apt Timon/  
Domingos Rgnl. Rwy 02/20 in vicinity.

Birds in vicinity of AD.

Aircraft with wingspan greater than 79' (24m)  
entering or exiting the position 01 of the parking  
area, must use TWY ALPHA.

Aircraft coming out of the PSN 02 and 03 of the  
parking area, must use TWY ALHPA.

Acft with wingspan of 79 ft (24m) or more pro-  
hibited operating on Rwy 02/20 while any acft is  
on Twy Charlie or acft patio during IMC.

Compulsory submission of PVS and its updates  
to the C-AIS RE or to the Sala AIS de Teresina.

AD can be regularly used by any Acft compati-  
ble with RCD 4C or lower.

Simultaneous operation of aircraft classified  
with code number 3 or 4 on runway 02/20 and  
on taxiway C or in the aircraft parking yard  
restricted during IMC.

Rwy 02/20: 180 degree turn for aircraft grater  
than 49' (15m) wingspan authorized at Rwy Thr  
only.

Flight plan notification by telephone is accep-  
ted.

F-4, J.

ABN. Fire 7.

**Teruel Ipanema Estancia see Campo Grande**

**Tirios see Obidos**

**Toledo (Luiz Dalcanele Filho)**

1844' SBT0 TOW -03:00\* S24 41.1 W053  
41.8

Apt Administration (45) 3278-7556, (45)  
99973-6837. Ground Services (45) 3278-8511,  
(45) 99973-4958.

**02/20** 5479' ASPHALT. PCN 33/F/C/X/U. RL.

ATND SKD Mon-Fri 1000-2000Z. O/T O/R.

Aircraft with a wingspan greater than 66' (20 m)  
prohibited from entering courtyard via Twy A,  
observe horizontal signs at the Apt.

Operations of ATR-72 prohibited if other Acft  
are occupying parking positions in the main  
courtyard.

Operations of ATR-72 are allowed in VMC.

Acft operations with RCD 1 or 2 only in  
VMC when ATR-72 is occupying main patio.

## BRAZIL

Acft prohibited from standby positions while ATR-72 is operating on the Rwy.

AD can be regularly used by any Acft compatible with RCD 2C or lower.

F-4, J.

ABN.

**Torres**

33' SBTR -03:00 S29 24.6 W049 48.6

Apt Administration (51) 3664-8293.

**05/23** 4921' ASPHALT. PCN 32/F/B/X/T. RL.

Rwy 05 Right-Hand Circuit.

ATND SKD Mon 0900-1500Z; Thu, Fri, Sun 1800-2359Z; Sat 1100-1700Z.

Traffic pattern only through S sector.

ABN.

**Tres Barras**

2559' SSTB -03:00\* S26 08.0 W050 18.6

**03/21** 4495' ASPHALT. AUW-11/0.5000 MPa.

SR-SS.

**Tres Coracoes (Mello Viana)**

3202' SNVI -03:00\* S21 47.3 W045 16.1

**04/22** 4265' ASPHALT. PCN 8/F/C/Y/U.

**Tres Lagoas**

1063' SBTG TJL -04:00\* S20 45.1 W051 40.8

Apt Administration (67) 98467-9048, (67) 98469-6616, (67) 99138-9545. (67) 3929-1875, (67) 8467-9048. Ground Services (67) 3522-3523, (67) 99823-9543.

**07/25** 6562' ASPHALT. PCN 33/F/B/X/T.

MON-FRI 1100-2200Z; O/T O/R. ATND SKD 1130-2130Z. O/T O/R with 6 hrs PNR.

Medium and large acft prohibited from making 180 deg turns.

F-4, Jet A.

ABN.

**Tres Marias**

2579' SNAS -03:00\* S18 13.5 W045 11.4

**06/24** 4921' ASPHALT. PCN 24/F/C/X/U.

SR-SS.

CAUTION: GRVL loose on RWY.

**Trombetas see Oriximina****Tucuruí**

830' SBTU TUR -03:00 S03 46.6 W049 43.2

On Call (94) 3787-2522. Apt Operator H24 (92) 36525955.

**02/20** 6562' ASPHALT. PCN 33/F/C/X/U. RL.

ATND SKD Mon-Fri 0945-2115Z.

Concentration of birds (vultures) in vicinity of airport. Especially in approach area Rwy 20.

ABN. Fire N.

**Tupa (Jose Vicente Faria Lima)**

1804' SDTP -03:00\* S21 53.4 W050 30.3

**06/24** 4921' ASPHALT. PCN 33/F/B/X/T. RL.

SR-SS.

F-4.

ABN.

**Uba**

1115' SNUB -03:00\* S21 07.3 W042 52.9

**16/34** 3543' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

**Ubaporanga see Caratinga****Ubatuba**

13' SDUB UBT -03:00\* S23 26.5 W045 04.6

Apt Administration (12) 3834-1460.

**09/27** 3084' ASPHALT. PCN 8/F/C/Y/U.

SR-SS. ATND SKD SR-SS.

Birds in vicinity of airport.

F-4, J.

## BRAZIL

**Uberaba (Mario De Almeida Franco)**

2654' SBUR UBA -03:00\* S19 45.9 W047 58.0

(34) 3319-9415. Apt Manager 034-336-2446. Ground Services (34) 3336-1677, (34) 99971-1013.

**17/35** 5771' ASPHALT. PCN 32/F/A/X/T. RL.

ATND SKD 0800-0100Z. O/T O/R.

Birds in vicinity of AD.

Do not confuse avenue lighting, Nene Sabino, to the left of the Rwy 17 with the beacon of the same.

Acraft must file flight plan to any AIS office before entering TMA or CTR Uberlandia before departure or file a simple flight plan to Uberlandia AIS office.

VFRoperations Acraft within the TMA limits must present flight plan to any Uberlandia AIS room before departure.

F-4, J.

ABN. Fire N.

**Uberlandia (Ten Cel Av Cesar Bombonato)**

3094' SBUL UDI -03:00\* S18 53.0 W048 13.5

Apt Administration (34) 3233-5403, (34) 3233-5415. (34) 3233-5417.

**04/22** 6890' ASPHALT. PCN 43/F/A/X/T. RL.

Access to North Ramp width 31' (9.4m) under the responsibility of aircraft operator.

Access to runway via taxiway Bravo is prohibited for aircraft above 35274lbs (16 tonnes).

Taxiway Bravo closed daily for departing Acraft above 35274 lbs(16t) due to possible jet blast on Acraft parked in the ramp daily 0830-1100Z andduring Brazilian summer schedule 0730-1000Z.

OBS concentration of birds (pigeons) in the vicinity of Rwy.

General Aviation parking for Acraft with wingspan up to 59' (18 m). Mim 48 hr PPR by telephone.

AFIL will not be accepted by App/Twr Uberlandia.

VFR Acraft operating from AD without ATS and which does not plan to enter controlled airspace or ZIDA are exempt from filing PLN, since they do not intend to use flight information and alert services.

Rwy 04/22 180 degree turns on Rwy restricted to Rwy threshold for aircraft with wingspans 81' (24.57 m) or greater.

F-4, J.

ABN. Fire 7.

**Umuarama (Orlando de Carvalho)**

1558' SSUM UMU -03:00\* S23 47.9 W053 18.8

**04/22** 4593' ASPHALT. PCN 14/F/C/Y/U. RL.

F-4, J.

ABN.

**Uniao Da Vitoria**

2467' SSUV QVB -03:00\* S26 13.9 W051 04.1

**16/34** 3281' ASPHALT. PCN 14/F/C/Y/U.

SR-SS.

Minimum altitude for traffic circuit is 1300'.

F-2.

**Uruacu**

1706' SWWU -03:00 S14 32.7 W049 05.5

**18/36** 4724' ASPHALT. AUW-13/0.5000 MPa.

SR-SS.

Traffic circuit for fixed wings and helicopters altitude: 1000'.

**Uruguaiana (Rubem Berta)**

256' SBUG URG -03:00\* S29 47.0 W057 02.2

Apt Administration 3413-1314; Fax 3413-1434. 3413-1498. ARO 3413-1498. Ground Services 3413-4807, 9999-0298.

**09/27** 4921' ASPHALT. PCN 18/F/C/Y/T. MIRL.

## BRAZIL

0900-2200Z. ATND SKD 1000-2200Z, O/T  
O/R. Customs: O/R.

Agricultural aircraft in vicinity of AD.

Jet A-1.

ABN. Fire 3 H24.

**Usiminas see Ipatinga**

**Usina Porto Primavera see Rosana**

**Utinga**

1962' SNUT -03:00\* S12 06.3 W041 04.5

**06/24** 4659' ASPHALT. PCN 8/F/C/Y/U.

SR-SS.

**Vacaria (Vacaria Novo)**

2953' SNEE -03:00\* S28 25.9 W051 01.4

**11/29** 6627' ASPHALT. PCN 32/F/A/X/T.

SR-SS.

**Vacaria Novo see Vacaria**

**Val De Cans/Julio Cezar Ribeiro Intl see  
Belem**

**Valenca**

16' SNVB -03:00\* S13 17.8 W038 59.5

Apt Administration (75) 98853-0160, (75)

98858-7006. Ground Services (71)

98794-4622; H24 (71) 98674-2649.

**04/22** 5906' ASPHALT. PCN 55/F/B/X/T. RL.

ATND SKD 1100-1500Z, 1600-2100Z. O/T  
O/R, 24HR PNR.

Night operations 2100-0900Z O/R (during business hours) call Apt Admin 24 PNR. Aircraft departing with destination to TMA/CTR - Salvador are required to: submit a flight plan and any updates to AIS Salvador; contact Salvador Approach before taxi; inform of actual time of takeoff upon first contact with Salvador Approach.

F-4, J.

ABN.

**Varginha (Maj Brigadeiro Trompowsky)**

3024' SBVG VAG -03:00\* S21 35.3 W045 28.4

(32) 9119-0089, (35) 9944-1064. ATS (32) 9119-0089, (35) 9944-1064. Ground Services (035) 99104-6166, (035) 99722-4698.

**04/22** 6888' ASPHALT. PCN 26/F/A/Y/T. RL.

ATND SKD Mon-Fri 1200-1430Z and 1600-2100Z. Sat 1200-1500Z. O/T O/R.

F-4, J.

ABN. Fire 3 1030-2230Z.

**Veranopolis**

2218' SSVN -03:00\* S28 56.1 W051 34.1

**10/28** 3281' CLAY/GRVL. AUW-8/0.5000 MPa.

SR-SS. ATND SKD SR-SS.

F-4.

**Videira (Angelo Ponzoni)**

2756' SSVI VIA -03:00\* S27 00.0 W051 08.5

Ground Services (49) 99921-4972, (49) 35660670.

**10/28** 4593' ASPHALT. PCN 11/F/A/Y/T.

ATND SKD 1100-2100Z, O/T O/R.

Birds in vicinity of aerodrome.

F-4, J.

**Vila Bela (Vila Bela da SS. Trindade)**

886' SWVB -04:00\* S15 00.9 W059 58.0

**01/19** 3937' DIRT. PCN 8/F/C/Y/U.

SR-SS.

**Vila Rica**

892' SWVC -04:00\* S09 58.8 W051 08.5

**07/25** 4429' DIRT.

**Vilhena**

2017' SBVH BVH -04:00 S12 41.6 W060 05.8

69 3322 5845.

**03/21** 8530' ASPHALT. PCN 30/F/A/X/T. ASDA 03 8727'. ASDA 21 8727'. RL.



## BRAZIL

ATND SKD 1000-2200Z.

CAUTION: Rwy surface slippery.

Birds in the vicinity of airport.

F-4, J.

ABN. Fire N.

**Viracopos Intl see Campinas****Vitoria (Eurico De Aguiar Salles)**

34' SBVT VIX -03:00\* S20 15.5 W040 17.2

Apt Administration (27) 3235-6300, (27) 3235-6320; Fax (27) 3327-8879; sbvt@infraero.gov.br. (27) 3235-6339, (81) 2129-8093, (81) 2129-8094. ARO (27) 3235-6340. FSS Fax (27) 3235-6367. Ground Services (27) 3252-4461, (27) 3327-0338, (27) 3327-5642, (27) 9961-6319.

**02/20** 6752' ASPHALT. PCN 86/F/B/X/T. MIRL.

**06/24** 5741' ASPHALT. PCN 45/F/B/X/T. MIRL.

Rwy 06 Right-Hand Circuit.

H24. ATND SKD H24. Customs: Mon-Fri 1200-1500Z and 1700-2000Z. O/T 72 hr PNR.

Birds in vicinity of the airport.

Restrictions for Acft w/o radio eqpt, gliders, Acft w/o transponder or transponder failure, object launching or pulverizing, Acft pushback ops, parachute launching and acrobatic flt.

ACFT non-regular aviation with stay expected over 3 hours PNR required to AD Administration by telephone.

Airport operations involving two or more Acft with wingspan equal or higher than 118' (36 m) can not use Twy A and Rwy 06/24 simultaneously.

B767-300 freighter ops according to special procs described in the MOPS approved by ANAC.

180-degree turns on Rwy 06/24 prohibited for aircraft over 12 tons except at the turnaround area of Thr 24 due to PAV disintegration.

Filing and updating of flight plans by radio is prohibited.

F-4, Jet A-1.

ABN. Fire 7.

**Vitoria Da Conquista (Glauber De Andrade Rocha)**

2934' SBVC VDC -03:00\* S14 54.5 W040 54.9

**15/33** 6890' ASPHALT. PCN 44/F/B/X/T. RL.

Aircraft operations with a JATO prohibited at Rwy 33.

AD can be regularly used by any Acft compatible with RCD 4C or lower.

Operation Type by Rwy / Thr:

- Thr 15: VFR / IFR - Non-precision - Day / Night

- Thr 33: VFR / IFR - Non-precision - Day / Night

Fire 5.

**Vitoria Da Conquista**

3001' SBQV -03:00\* S14 51.8 W040 51.8

Apt Administration (77) 3424-0546, (77) 99932-8643. (77) 3424-7130. Ground Services (77) 3424-4038.

**15/33** 5823' ASPHALT. PCN 10/F/C/Y/U. RL.

Rwy 15 Right-Hand Circuit.

0830-0215Z. ATND SKD 1000-2100Z. O/T O/R.

Birds in vicinity of airport, on final for Rwy 15 and 33.

Acft turns only on Rwy Thresholds.

Parking for General Aviation acft 2 hrs PPR.

F-4, Fuel: U.

ABN. Fire 5.

**Votuporanga**

1667' SDVG VOT -03:00\* S20 27.4 W050 00.1

Apt Administration (17) 3421-4039. Ground Services (17) 3421-4555.

**05/23** 4921' ASPHALT. PCN 26/F/B/X/T. RL.



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**BRAZIL**

1000-2200Z. O/T O/R. ATND SKD SR-SS. O/T  
O/R.

Traffic pattern shall be executed exclusively by  
NW sector of airport

F-4.

ABN.

**Xanxere see Joao Winckler Mun**

**Xavantina see Nova Xavantina**

**Xique-Xique**

1401' SNXQ -03:00\* S10 50.0 W042 41.0

**13/31** 4659' ASPHALT. PCN 8/F/C/Y/U.

**Yolanda Penteado see Leme**

**Zumbi Dos Palmares see Maceio**

## CHILE

## Chile

**Almirante Schroeders see Isla Dawson**

**Andres Sabella see Antofagasta**

**Antofagasta (Andres Sabella)** Apt of Entry  
455' SCFA ANF -04:00\* S23 26.7 W070  
26.7

Apt Administration 223307805; ap.antofa-  
gasta@dgac.gob.cl. 223307926. ARO Fax  
223307821, 55 2225022; aro.antofa-  
gasta@dgac.gob.cl. ATC 223307810. Apt  
Operator 223307831; Mobile 991581722.  
Ground Services 55 222-3797; Mobile 9  
68190748.

**01/19** 8527' ASPHALT. PCN 48/F/A/X/U. HIRL.

Rwy 19 Right-Hand Circuit.

H24. ATND SKD H24. Customs: Customs:  
Mon-Fri 1200-2118Z O/R 2hrs PPR. Sat-Sun,  
Hol O/R 2hrs PPR. Immigration: Mon-Thu  
1215-2200Z O/R 2hrs PPR. Fri 1215-2100Z  
O/R 2hrs PPR. Sat-Sun, Hol O/R.

Caution: Birds in vicinity of AD.

Prohibited to tow aircraft simultaneously from  
adjacent parking spots in commercial platform.

For safety reasons and noise pollution, desig-  
nated place for engine test and threatened Acft  
is located at the south end of Twy Alpha at  
coordinates:

232716,26 S 0702641,77 W

232717,83 S 0702641,95 W

232718,68 S 0702640,75 W

232718,80 S 0702639,15 W

232716,62 S 0702638,84 W

Available PPR, instruction Gnd control and/or  
Twr.

PIC of all flights departing SCFA shall commu-  
nicate via telephone with Flight Services  
ARO/AIS to receive relevant NOTAM info  
regarding route and destination. Small ACFT  
apron restricted to aircraft 15 Tons or less.

F-3, Jet A-1.

ABN. Fire 7 H24.

**Arica (Chacalluta Intl)** Apt of Entry

166' SCAR ARI -04:00\* S18 20.9 W070 20.3  
Apt Administration 58 228 110;  
aro.arica@dgac.gob.cl. On Call 58-2570961.  
ARO 58 2281109. Apt Operator  
ad.arica@dgac.gob.cl. Ground Services (09)  
95451646, 58 2222836, 58 2290329.

**02/20** 7119' ASPHALT. PCN 40/F/A/X/T. TODA  
02 7513'. TODA 20 8432'. HIRL. HIALS 02.

(North plat form restricted to AUW S 12 (5.5).

H24 ATND SKD Mon - Fri H24. Sat, Sun, Hol  
1100-2300Z. O/T O/R. Customs: Customs H24,  
Immigration O/R.

CAUTION: Birds in vicinity of airport.

Aircraft being towed from the main apron, must  
start engine in taxiway ALFA oriented to runway  
02/20 according to destination.

The pilot in command of all flights departing  
from Chacalluta (SCAR) AP, having submitted  
his flight plan via IFIS, shall communicate via  
tel or email, before takeoff with flight services  
ARO/AIS to coordinate and receive relevant  
NOTAM information regarding his route and  
destination.

F-4, Jet A-1.

ABN. Fire 7 H24.

**Arturo Merino Benitez Intl see Santiago**

**Balmaceda**

1722' SCBA BBA -04:00\* S45 55.0 W071  
41.2

Apt Administration (67) 2272126, 2272104,  
2272105. ARO aro.balmaceda@dgac.gob.cl.  
Ground Services (056) 67 2272145, (09)  
98742869, (56) 9-40210174.

**09/27** 8205' ASPHALT. PCN 47/R/B/X/T.  
TODA 27 9190'. HIRL.

**09L/27R** 7218' CONCRETE. PCN 47/R/B/X/T.  
RL.

**CHILE**

SR-SS. ATND SKD Mon - Sun 1130 - 2100Z.  
Customs: O/R.

CAUTION: Hill 46' (14m) height at 1017' (310m) from threshold Rwy 27 Rwy centerline.

CAUTION: Fence, SW THR 09 edge, 6' (1.8m) in height. Additionally, a portion of fence 4' (1.3m) in height with 1in (0.35cm) high safety edge. Non frangible and clearly signalized.

The 180 degree turns on the runway for aircraft with more than 12566lbs (5700kg) may only be made on the runway threshold.

Non-itinerant aircraft must coordinate parking 1 hours in advance with the ARO, due to platform restrictions.

Due to current conditions and parking availability, it is not possible for aircraft to overnight in Apt.

Twy B available to daytime only and prior coordination required 24 hrs in advance, excluding military aircraft according to ATC authorization.

Avgas 100/130 available at stand 3, use of boarding bridge required, instructions available on ground control.

F-4, Jet A-1.

ABN. Fire 7.

**Barriles see Tocopilla**

**Cabo Juan Roman see Puerto Aysen**

**Calama (El Loa)**

7631' SCCF CJC -04:00\* S22 30.0 W068 54.2

ARO (55) 2342646; aro.calama@dgac.gob.cl.  
ATS (55) 2363026. Ground Services Mobile  
09-52096341, 9-68335112, 9-69067570,  
9-96586041.

**10/28** 9974' ASPHALT. PCN 49/F/A/W/T.  
TODA 10 10761'. TODA 28 10761'. HIALS 28.

Rwy 28 Right-Hand Circuit.

H24. ATND SKD Mon-Sun 0900-2359Z. O/T  
O/R, 2 hr PNR.

CAUTION: On TWY "B" intersection with TWY "A" due to sloping terrain.

Commercial aircraft towing and engine start must be between TWYs Bravo and Charlie with East or West orientation with prior coordination.

48 hours PPR for Non-scheduled flights. excludes air ambulance, medivac, police operations.

Commercial apron parking spot 1 for aircraft B767 or smaller, commercial apron parking spots 2,3, 4, 5, 6, for aircraft A321 or smaller.

Acraft larger than B737 scheduled for more than 3 hours or for maintenance must be parked in spot 6.

Commercial Acraft engine run up area on Twy Bravo facing north, prior coordination with area supervisor required.

Commercial apron parking spots 1, 2, 3, 4, 5, 6 self propelled entry and towed departure must use communicate with apron aircraft type, B737 or greater, for aircraft with a smaller wing type self propelled departure available as long as the continuous parking spots are not being utilized by other aircraft and are coordinated with the area supervisor.

Parking 1, 2, 3 have Jet bridge.

Commercial apron not available for overnight, with exception of ambulance, MEDVAC and police air operations.

Engines may be started to the East of the commercial apron.

Acraft in the parking area must taxi with minimal power.

Jet A-1.

ABN. Fire 7.

**Caldera**

180' SCCL -04:00\* S27 04.7 W070 47.7

**11/29** 3937' ASPHALT. AUW-13.

SR-SS.

CAUTION: Uneven terrain 5' (1.6m), to each side East of THR 11.

## CHILE

CAUTION: cracks on RWY 11/29 located 1804' (550m) from THR 29, 5' (1.5 m) from RCL, on the distance of 164' (50m).

Runway restricted to single wheel aircraft up to 12500lbs (5670kg).

All aircraft takeoff, landing, and overflying must report to Atacama TWR freq 118.3.

**Caldera (Desierto De Atacama)**

670' SCAT CPO -04:00\* S27 15.7 W070 46.7

Apt Administration (52) 2523600, (52) 2523603; Fax (52) 2523604; ad.atacama@dgac.gob.cl. ARO (52) 2523605; Fax (52) 2523605; aro.atacama@dgac.gob.cl. ATC 88510426; Mobile 56992890119. Ground Services 992385684, 993425913.

**17/35** 7218' ASPHALT. PCN 48 F/A/W/T. TODA 17 7415'. TODA 35 7546'. HIRL. HIALS 17.

SR-SS. ATND SKD FUEL JET A-1: MON-FRI 0000-0100Z, 1230-2359Z; SAT 0000-0100Z, 1300-2300Z, SUN 1300-2359Z. FUEL 100LL: MON-FRI 1230Z - 30 MIN BFR SS. SAT, SUN and HOL 1300Z TIL 30 MIN BFR SS. O/T O/R.

CAUTION: Rwy 17/35 due to electrical boxes located East of the runway, 6"(15cm) in height above the ground.

CAUTION: Drainage ditch 7' (2m) deep, 243' (74m) from eastern side of RCL.

Engine runup with higher power on TWY CHARLIE upon coordination with ATC.

Services extension request will be authorized until 2359LT, after this hours aeronautical services will not be provided until 0830LT. Organ transfer flights are not affected by this rule.

Pilots with IFR flight plan must notify within 10 minutes of startup.

F-3, Jet A-1, JP-1.

ABN. Fire 7 Mon-Fri 0000-0130Z, 1230-2359Z. Sat 0000-0130, 1300-2330Z. Sun 1300-2359Z.

**Canal Bajo/Carlos H Siebert see Osorno**

**Capitan Fuentes Martinez see Porvenir**

**Carlos Ibanez Del Campo Intl see Punta Arenas**

**Carriel Sur Intl see Concepcion**

**Cerro Guido see Torres Del Paine**

**Chacalluta Intl see Arica**

**Chaiten (Nuevo Chaiten)**

27' SCTN -04:00\* S42 46.9 W072 50.1

Apt Administration Mobile 958738513, 978887423. ATC 652486393, 940418511. Apt Manager 940418513.

**01/19** 3937' ASPHALT. PCN 20 F/A/W/T. SR-SS.

ABN.

**Chamonate see Copiapo**

**Chanaral**

97' SCRA CNR -04:00\* S26 19.3 W070 36.7

**09/27** 4019' ASPHALT. AUW-49.

SR-SS.

CAUTION: Possible runway incursion by persons and animals.

**Chile Chico**

1070' SCCC CCH -04:00\* S46 35.0 W071 41.2

Apt Administration (67) 2411284; Mobile (99) 7890673; ad.chilchico@dgac.gob.cl. ARO aro.chilechico@dgac.gob.cl.

**12/30** 3937' ASPHALT. AUW-44.

The first 164' of Rwy 30 is concrete, the remainder is asphalt.

SR-SS.

CAUTION: drainage (17 m) from RWY, 3' (1 m) wide and 1' (0.3 m) deep.

Evening civil twilight time is reduced by 30 minutes.

## CHILE

**Chillan (Gen. Bernardo O'Higgins)**

499' SCCH YAI -04:00\* S36 35.0 W072 01.9  
Apt Administration (42) 221655/228305.  
aro.chilian@dgac.gob.cl. Ground Services  
42-2520852.

**04/22** 5741' ASPHALT. PCN 54/F/D/X/T.

SR-SS. ATND SKD Jet A1: 1230Z-SS. Avgas:  
1300Z-SS.

CAUTION: Electrical 32' (10m) wire/post located at 492 FT (150 M) south of Rwy04 threshold and 295 FT (90 M) east of rwy center line.

CAUTION: Trees located on the approach path to runway 4, at maximum tolerance limits for PAPI approach.

CAUTION: Unmarked drainage ditch on North side of commercial apron with 3 FT (80CM) wide / 3 FT (1M) deep.

CAUTION: Drainage deep ditch on movement area 262' (80m) along the side of RCL.

CAUTION: Channel located 656' (200m) from THR 22. Width: 16' (5m), depth 26' (8m).

F-3, Jet A-1.

ABN.

**Chiloe (Quellon)**

42' SCON -04:00\* S43 08.1 W073 38.1

ARO (65) 2486293; Mobile 9 77650088, 9 82391615. ATIS (65) 2486293; Mobile 9 77650088, 9 82391615.

**04/22** 3937' ASPHALT. PCN 15/F/C/Y/T.

SR-SS.

CAUTION: Birds in the vicinity.

CAUTION: First 656' (200m) Runway 22 not visible from Tower. Operation in this zone is at user's discretion.

CAUTION: 394' (120m) North on runway center line, moving obstacles on public road.

CAUTION: NDB antenna located 984' (300m) southeast of threshold Rwy 22, height of 213'.

CAUTION: Boat 164' (50m) from threshold 04, height of 49' (15m), affecting departure and arrival.

CAUTION: Electric post 105' (32m) North Northwest of threshold 22, height of 39' (12m), affecting surface transition area.

CAUTION: Antenna due Southwest of threshold 04 394' (120m), height 49' (15m).

CAUTION: 2 earth mounds located 82' (25m) from RWY 22 edge, 492' (150m) from threshold, 7' (2m) in height.

CAUTION: Trees located 272' (83m) from RWY edge, 56' (17m) height.

CAUTION: Trees located 338' (103m) from RWY edge, 69' (21m) height.

CAUTION: houses 21' (6.5m) high, on the hill 341' (104m) from RCL, in central sector of AD.

CAUTION: Trees located 427' (130m) from THR 04, 16' (5m) height, affecting departure and arrival.

**Cochrane**

643' SCHR LGR -04:00\* S47 14.6 W072 35.3

Apt Administration Fax (67) 522121;  
aro.cochrane@dgac.gob.cl. ATS Fax  
(67)2522121.

**07/25** 3445' ASPH/CONC. AUW-51.

SR-SS.

CAUTION: Dirt mounds 5' (1.5m) height at 59' (18m) from NW side of RWY edge.

CAUTION: THR 25 dirt mound 2' (0.6m) height, 328' (100m) along the side and 59' (18m) from of RWY edge.

CAUTION: Ridge 98' (30m) height at 328' (100m) from THR07.

CAUTION: 150' Antenna at 1312' (400m) South of TWR.

CAUTION: Emergency light in RWY edge of RWY 07/25, height 10' (3 m) from RWY edge.

## CHILE

**Concepcion (Carriel Sur Intl)** Apt of Entry

26' SCIE CCP -04:00\* S36 46.3 W073 03.7  
Apt Administration 413835000; Fax 413835008.  
413835006. ARO 413835007; Fax 413835041;  
aro.carrielsur@dgac.gob.cl. Ground Services  
412480015, 997501356.

**02/20** 8530' ASPHALT. PCN 49/F/B/W/T.  
TODA 02 9318'. TODA 20 8727'. ASDA 02  
8727'. HIRL. HIALS 02.

H24. ATND SKD Jet A-1 Sun-Fri 1200-2359Z  
and 0000-0030Z Sat 1200-2359Z AVGAS Sun-  
Mon 1200-End of civil twilight. O/T O/R 2 hours  
PNR. Customs: O/R with 48 hr PPR.

CAUTION: Birds in the vicinity of airport.

CAUTION: Wildlife dispersion devices in central  
floods: gas cannons, static visual scaring de-  
vices with variable sites subject to weather.  
These devices are complemented by pyrotech-  
nic ammunition and hunting, laser beams, emit-  
ting agonistic sounds and wildlife mitigation  
vehicle in area maneuvers.

CAUTION: Trees affect surface transition from  
Twy Golf, apron Sierra and twy Charlie.

Rwy 02/20, 180° turn not authorized on runway  
for medium or heavy category aircraft.

F-3, Jet A-1.

ABN. Fire 7 H24.

**Copiapo (Chamonate)**

954' SCHA -04:00\* S27 17.8 W070 24.8

**09/27** 5446' ASPHALT. PCN 44 R/A/Y/T.  
ATND SKD SR-SS.

CAUTION: Possible runway incursion by  
people, vehicles, and animals.

CAUTION: shrubbery, 7' (2m) high, in the vicinity  
of RWY 27.

All traffic projecting DEP from AD Chamonate  
to AD Atacama Desert submit FPL via TEL (52)  
523605 or CELL 9-3728119.

Fire N.

**Coyhaique (Teniente Vidal)**

1020' SCCY GXQ -04:00\* S45 35.6 W072  
06.3

Apt Administration afis.ttevidal@dgac.gob.cl.  
Apt Manager (67) 2231292; Fax 67-235003.

**03/21** 5072' ASPHALT. PCN 30/F/B/X/T. HIRL.  
SR-SS. Customs.

CAUTION: Rwy 03/21 both sides of rwy soften  
during periods of rain and/or snow. Three wind-  
mill towers 3.8 nm N of airport 230' high, 492'  
apart with rotating blades. MET pole 32' (10M)  
height with obstruction light 984' (300M) from  
THR 21 and 230' (70M) WEST of RCL. Perime-  
ter fence 8ft (2.5M) high before Rwy 03  
Perimeter fence 312ft (95M) outside threshold  
Rwy 03. Interferes with Approach and Depart-  
ure zone.

Ramp weight restricted to 46517 lbs.

Weather camera available at; [www.dgac.cl](http://www.dgac.cl)

ABN. Fire N.

**Dalcabue (Mocopulli)**

528' SCPQ MHC -04:00\* S42 20.4 W073  
42.9

Apt Administration (065) 2772770. SECURITY  
(65) 277 2770 (EXT 5208). ARO (065) 277  
2770 (EXT 5206). ATC (065) 277 2770 (EXT  
5204). Apt Manager (065) 277 2770 (EXT  
5201); Mobile 91581864.

**17/35** 6562' ASPHALT. PCN 109/F/D/X/T.

Mon-Thu: 1200-2100Z. Fri: 1200-2000Z. Sat-  
Sun, HOL 1300-2100Z.

Birds in vicinity of airport.

CAUTION: Acft Turning in ramp must do with  
minimum power.

CAUTION: approach RWY 35, due to birds  
concentration at 3,1 NM SW of the AD.

CAUTION: RWY 35 due to water drainage  
canal on both sides of the RWY edge at 174'  
(53 m), width 4' (116 cm), depth 2' (65 cm).

## CHILE

CAUTION: Rainwater channel parallel to Rwy, East side within Rwy Strip, located 328' (100m) from end of Thr 17 and 246' (75m) from Thr Rwy 35.

CAUTION: Trees on both sides of runway affect transition to surface.

Overnight aircraft PNR.

A321, A320, A319 and B737 aircraft are prohibited using self-propelled push-back.

ABN. Fire 7 Mon-Thu 1200-2100Z. Fri 1200-2000Z. Sat-Sun, Hol 1300-2100Z.

**Desierto De Atacama see Caldera**

**Diego Aracena Intl see Iquique**

**El Bosque see Santiago**

**El Loa see Calama**

**El Salvador (Ricardo Garcia Posada)**

5240' SCES ESR -04:00\* S26 18.5 W069 45.1

Apt Manager (052) 22472631; ad.salvador@dgac.cl.

**09/27** 7546' ASPHALT. PCN 26/F/A/X/T. TODA 09 7743'. TODA 27 8399'. ASDA 27 8202'.

SR-SS.

Acft B-732-200 land on Rwy 09 and depart on Rwy 27.

F-4.

Fire 5.

**El Tepual Intl see Puerto Montt**

**El Tuqui see Ovalle**

**Eulogio Sanchez see Santiago**

**Freire (La Araucania)**

321' SCQP ZCO -04:00\* S38 55.5 W072 39.1

45 2554927. ARO 45 2554926. Ground Services 45 2554931.

**01/19** 8005' ASPHALT. PCN 50 F/C/X/T. TODA 01 8202'. TODA 19 8202'. RL. HIALS 01.

SR-SS. ATND SKD Commercial Jet A1: 1230-0100Z. General Jet A1, 100LL: 1230Z-30 min before end of civil twilight limited to 2359Z.

Birds activity in vicinity of airport.

Ramp and Parking available to aircraft B-767 and smaller. Aircraft with greater wingspan require prior coordination required, subject to availability.

Caution on apron due to no edge lights or light towers.

Flight plan services available daily between 1145-2345z.

F-4, Jet A-1.

Fire 7 1230-0100Z.

**Futaleufu**

1148' SCFT FFU -04:00\* S43 11.1 W071 51.0

Apt Administration 652486287, 652486288; Mobile 988377894; Fax 652486288; aro.futaleufu@dgac.gob.cl. Apt Manager Mobile 988377894.

**09/27** 3110' ASPHALT. PCN 27/F/A/Y/T.

SR-SS.

Airport with fence and closed access outside time of operations. Coordinate gates and terminal opening 2HR PNR.

CAUTION: Arriving and departing traffic, people and animals in the vicinity of the runway.

CAUTION: 59' (18M) lit antenna systems 123' (37.5M) to the south of runway.

CAUTION: 394' (120M) long 30FT (9M) high ridge 69' (21M) N of Rwy 09 threshold affects sfc transition.

CAUTION: A 20' (6M) high, 69' (21M) long ridge 295' (90M) S of threshold Rwy 09 affects sfc transition.

CAUTION: Trees average 47' (14.3M) high 128-272' (39-83M) to the S of Rwy 09 affect approach.



## CHILE

CAUTION: Trees 61' (18.5M) high 154' (47M) N of Rwy 09 affect surface transition.

CAUTION: Trees 11' (3.4M) high, 246' (75M) E of Rwy 27 affect approach.

CAUTION: Set of trees average 20' (6.1M) high 131' (40M) SE Rwy 27 affect approach.

CAUTION: Animals and people on Rwys.

CAUTION: Cement blocks 1' (0.3 m) length, 1' (0.3 m) width and 0.2' (0.05 m) to 10' (3m) height, unmarked every 164' (50 m) along Rwy edges.

CAUTION: Unevenness of Rwy surface averaging 4.5 cm.

CAUTION: when accessing Rwy 09/27, asphalt damage between apron and Rwy, depth of 5-7 cm (0.79 inch - 2.76 inch) , length 82' (25 m), width 2' (0.6m).

**Gen. Bernardo O'Higgins see Chillan**

**Guardiamarina Zanartu see Puerto Williams**

**Iquique (Diego Aracena Intl)** Apt of Entry

156' SCDA IQQ -04:00\* S20 32.1 W070 10.9

Apt Administration 57 2461200; ad.iquique@dgac.gob.cl. 57 2400383, 57 2438006, 57 2438007 ext 2470, 572400290; H24 942072560. ARO 56 57 2461210. Apt Operator 57 2421991; Mobile 9 322 83109; esaavedra@aport.cl, galarcon@aport.cl, informaciondiegoaracena@aport.cl, vflores@aport.cl. Ground Services 57 2415585; Mobile 9-98711533; Fax 57 2415585; iquique@airbpcopec.cl.

**01/19** 10991' ASPHALT. PCN 53/F/A/W/T. TODA 01 11188'. HIRL. HIALS 19.

H24. ATND SKD H24. Customs: Immigration: During scheduled international flights, other users at O/T O/R 3hrs PNR. Customs: H24.

CAUTION: Due to Rwy 01/19 knolls and depressions; For instructions contact tower.

CAUTION: Rocks and uneven ground on Twy A, C, D.

CAUTION on Twy A at intersection of Twy D due to uneven ground and deformations which affect longitudinal slope. Contact Ground for instructions.

CAUTION on Twy A in west side section of main apron due to ground hard, unevenness and depressions of approximately 7 ft (2m) depth, almost all extension of apron longitude; risk situation in pushback procedures. Contact Ground for instructions.

CAUTION due to signalized obstacle 3' (1 m) located 23' (7 m) before Rwy 01 threshold and 82' (25 m) on both sides of Rwy centerline.

CAUTION due to signalized obstacle 1' (0.3 m) located at 25' (7.5 m) Rwy Edge on both sides and 1115' (340 m) from Thr 01.

Birds in vicinity of airport.

Parking #1 and #6 on principal apron limited for aircraft B763 or bigger. Coordinate entry with supervisor movement area.

Minor and larger Acft engine check on Twy Alfa, 984' (300 m) north of intersection with Twy Delta in coordination with control tower.

Prohibited 180 degree turn on RWY 01/19 to all aircraft over 12566 Lb (5700 KG) MTOW. Aircraft over this weight must make 180 degree turn over THR.

Due to congestion in the main apron, the use of parking lots in main apron by non itinerant public transportation flights and other irregular commercial flights must coordinate with ARO by phone. Exceptions: medical, humanitarian and search and rescue flights.

All Acft that requires using the common apron should coordinate parking with Airport Concessionary society via tel or email.

During the day, the traffic pattern is left and right for both runways. At night, Rwy 19 is a right pattern and Rwy 01 is a left pattern.



**CHILE**

Aerial fishing prospecting work between 500' and 2000' entering the area within 15 NM of SCDA will have to notify Iquique Tower and maintain listening watch and inform position. Outside the 15 NM radius will have to maintain listening watch on Iquique Radio.

Ultralight activity in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 7 H24.

**Isla Dawson (Almirante Schroeders)**

160' SCDW Mil. -04:00\* S53 36.1 W070 28.6

Apt Administration 612205409.

**04/22** 3937' ASPHALT. AUW-13.

**12/30** 4905' ASPHALT. AUW-13.

SR-SS.

CAUTION: RWY 04/22 and RWY 12/30 with no marking.

**Isla Mocha**

20' SCIM -04:00\* S38 23.4 W073 52.2

**18/36** 2625' TURF.

SR-SS.

CAUTION: Presence of animals, pedestrians, riders and vehicles, especially on weekends.

CAUTION: Rwy edge not useable, long undergrowth and uneven terrain full length.

**La Araucania see Freire**
**La Florida see La Serena**
**La Independencia see Rancagua**
**La Playa see Laraquete**
**La Serena (La Florida)**

481' SCSE LSC -04:00\* S29 55.0 W071 12.0

ARO aro.serena.@dgac.gob.cl. Apt Manager (51) 2272652, (51) 2272662; Fax (51) 2272674. Ground Services (51) 2272641, (51) 2272721; Mobile 979792864, 995338160.

**12/30** 6358' ASPHALT. PCN 46/F/A/X/T.

SR-SS ATND SKD Jet A-1: Mon-Fri 1230-0030Z, Sat/Sun/Hol 1430-0030Z. AVGAS 100LL: Mon-Sun/Hol 1300-2200Z.

CAUTION: Birds in vicinity of airport.

CAUTION: LGT OBST towers 67' (20.4m) height, in parking 4 and parking five affecting transition surface RWY 12/30. Instructions: La Serena TWR 129.4 MHz.

CAUTION: Hill with antennas with a height of 1,972' (601 m) located 1.78NM (3.3 km) Southwest of the airport.

AVGAS JET A1 available on main ramp.

CAUTION: Mobile obstacles with a height of 10' (3 m) located 148' (45 m) East of Thr 30.

CAUTION: Secondary gates available due to possible mobile obstacles to the east of taxiway B 400' (122 m) South of the Rwy.

CAUTION: Tree with a height of (15 m) on the North side of Rwy 30 affecting Rwy 12/30 surface transition.

Max power engine run ups at intersection of Rwy and Twy Bravo.

Taxiway Alpha width is 23' (7 m) and limited to aircraft less than 12566 lbs (5,700 kg).

Ramp limited to aircraft less than 12566 lbs (5,700kg) after fueling.

CAUTION: High voltage towers, beacons and power lines 230' (70 m) 3.3NM (6.2 km) east of Thr 30 and crossing the Elqui River.

Unscheduled ACFT operating outside the AD must send position reports on 118.6 MHz and contact Santiago Radio 127.0 MHz.

All ACFT entering Airspace C must contact Santiago Radar 129.1 MHz.

ACFT BAE146 B737, A319, A320, A321, A19N, A20N to LEAVE PRKG AND TURNING MUST USE MINIMAL POWER.

F-3, Jet A-1.

ABN. Fire 7 Mon-Sat 0000-0120Z, 1240-2359Z. Sun 0000-0020Z, 1240-2359Z.

**CHILE**

**La Victoria De Chacabuco see Santiago**

**La Victoria de Chacabuco see Santiago**

**Laraquete (La Playa)**

25' -04:00\* S37 12.6 W073 13.5

**05/23** 3609' GRAVEL.

ATND SKD SR-SS.

Fire U.

**Las Breas see Taltal**

**Las Marias see Valdivia**

**Llanada Grande**

1000' SCLD -04:00\* S41 52.0 W071 56.1

**14/32** 3642' ASPHALT. PCN 12/F/C/Y/T.

SR-SS.

Caution: Animals in vicinity of Apt.

Caution: Large trees on both ends of runway, affects transition to approaches/ departures.

Caution: Runway uneven on along edges.

CAUTION: Crack 16 inches (40 cm) deep and 10' (3 m) long located 3' (1 m) west of Rwy 32 threshold.

CAUTION: Fence 6' (1.8m) high and 180' (55m) from the threshold of Rwy 14/32, affects approach and departure.

CAUTION: Slope on both sides Rwy.

CAUTION: Softened Rwy strip.

CAUTION: Ditch drainage 5' (1.50 m) depth and 7' (2 m) width at 167' (51 m) RCL, along both sides of Rwy.

CAUTION: Trench drain 3' (1 m) depth and 492' (150 m) width at 210' (64 m) Thr 14.

CAUTION: Power lines 20' (6 m) height along Thr 14, left side at 213' (65 m) RCL.

**Lonquimay (Villa Portales)**

3182' SCQY -04:00\* S38 26.9 W071 21.4

Apt Administration (45) 2891078.

**08/26** 3084' ASPHALT. AUW-13.

SR-SS.

CAUTION: masts 182' (42 m) tall AGL, 3145' (1032 m) MSL, 2723' (830 m) from Rwy08 threshold, 131' (40 m) north of Rwy axis extension.

CAUTION: people and animals in vicinity of airport.

CAUTION: obstacles affect approach for both Rwy, fences 5' (1.5 m) high, marked.

CAUTION: perimeter fence to the east of Rwy 26 threshold, located 197' (60 m) away, height exceeds approach / departure surface.

CAUTION: perimeter fence, row of trees and electric posts to the west of Rwy 08 threshold, height exceeds approach / departure.

CAUTION: public lighting posts 13' (4 m) tall, located 246' (75 m) west of Rwy 08 threshold, affect approach / take-off surface.

**Los Angeles (Maria Dolores)**

374' SCGE LSQ -04:00\* S37 24.1 W072 25.5

Apt Administration (43) 321412. Ground Services Mobile 09-8480388.

**18/36** 5577' ASPHALT. PCN 30/F/A/X/T. MRL. SR-SS.

CAUTION: Trees approximately 820'(250 m) from RWY 36 approach surface, slope average of 4 percent.

ACFT with after hours FPL, shall activate / cancel with Santiago Radio or other unit and report position on FREQ 126.7 MHZ, and make standard traffic pattern for RWY in use.

F-4.

ABN.

**Maquehue see Padre Las Casas**

**Marcel Marchant see Puerto Montt**

**Maria Dolores see Los Angeles**

**Mocopulli see Dalcahue**

**Municipal De Vitacura see Santiago**

## CHILE

**Natales (Teniente Julio Gallardo)**

218' SCNT PNT -04:00 S51 40.2 W072 31.7

Apt Administration (61) 2411980;  
ad.natales@dgac.gob.cl,  
aro.natales@dgac.gob.cl.

**10/28** 5906' ASPHALT. PCN 43/F/D/X/T. TORA  
28 6562'. TODA 28 6562'. ASDA 10 6562'.  
ASDA 28 6562'.

SR-SS ATND SKD Mon-Thu, 1100-2030Z; Fri,  
1130-1930Z; Sat-Sun and Holiday O/R.

CAUTION: Birds in vicinity of airport.

CAUTION: High terrain on Rwy 28 approach.

CAUTION: Houses before thresholds Rwy  
10/28.

CAUTION: Cameras 49' (15M) along the north  
edge of RWY 10/28, between THR 28 and  
TWY sticking out of the ground 1"-2".

CAUTION: Antenna W/O light 246' (75m) 1.2  
nm (2.3Km) SE of runway 28 Thr.

CAUTION: Power line Southeast of the airport  
on the right side of threshold 10 approximately  
492' (150 m) from Rwy center line at a height of  
30' (9 m) affecting surface transition.

Engine runup at max power on twy hold area,  
contact 127.7 MHz Natales INFO.

ABN. Fire 5 Mon-Thu, 1100-2030Z; Fri,  
1130-1930Z; Sat-Sun and Holiday O/R.

**Nuevo Chaiten see Chaiten****Osorno (Canal Bajo/Carlos H Siebert)**

187' SCJO ZOS -04:00\* S40 36.7 W073  
03.6

Apt Administration aro.osorno@dgac.cl. ARO  
(2)24392865, (64)2232529.

**15/33** 6398' ASPHALT. PCN 40/F/C/W/T.  
HIRL.

SR-SS.

CAUTION: Birds in vicinity of airport.

CAUTION: Bushes 8' (2.5 m) HGT West of SFC  
transition.

CAUTION: trees 62' (19 m) HGT 984' (300 m)  
WNW of THR 15.

CAUTION: RWY due to trench drain 3' (1 m)  
width, 10' (3 m) long, 3' (1 m) depth 13'(4 m)  
East from THR 33.

CAUTION: Perimeter fence of 7' (2.20 m) HGT,  
signalized, 182' (55.7 m) NW of THR 15.

CAUTION: Tree 59' (18 m) HGT, West of THR  
33 at 525' (160 m) from RCL.

CAUTION: Inflatable devices for dispersal of  
birds 10' (3 m) HGT and 164' (50 m) from RWY  
edge and 820' (250 m), 3281' (1000 m) and  
4265' (1300 m) from THR 15.

CAUTION: Unlighted electrical posts 820' (250  
m) southeast of Rwy 33 threshold, 33' (10 m)  
tall.

CAUTION: Aircraft must make wide turns on  
thresholds, turns around the vertical axis is pro-  
hibited of the aircraft in these areas. Only in  
cases of emergency or suitably qualified, the  
maneuver will be directed by TWR.

CAUTION: Trees growing in transition West  
Rwy 15/33.

CAUTION: Trees at 1476' (450 m) SE from  
PAPI RWY 33 violate flush allowable limiting  
SFC OBST.

CAUTION: Slippery runway in wet conditions.  
Between 1969' (600 m) and 2789' (850 m) from  
THLD 33 and 16' (5 m) of the runway center  
line, NE side (VALUE MU = 0.20).

Parking on ramp available O/R, instructions  
Osorno GND 121.700 MHz. Ramp limited to  
only two air commercial itinerant ACFT.

Turns authorized only within the turn around  
pads.

F-4.

ABN. Fire 7 MON-SUN/HOL 1300-2200Z.

**Ovalle (El Tuqui)**

1100' SCOV -04:00\* S30 33.6 W071 10.6

## CHILE

Apt Administration (53) 620072; Fax (53) 620521. Ground Services (53) 2662000; presidenciaarrobavalle@aereo.cl.

**04/22** 3773' ASPHALT. AUW-33.

SR-SS. ATND SKD Fuel available after prior coordination with aeroclub via TEL.

CAUTION: Drainage canal 5' (1.5 m) wide and 3' (0.8 m) deep, 105' (32 m) east of Rwy 22 Thr.

CAUTION: People and vehicles on runways.

CAUTION: Broken west side 85' (26 m) from RCL and 98' (30 m) from Rwy 22 Thr.

CAUTION: High tension line 39' (12 m) height, parallel to Rwy 04/24 RCL.

CAUTION: Cement boards 1' (0.20 m) x 1' (0.20 m), 0.3' (0.10 m) height on strip Rwy 04/22.

CAUTION: metal structure 20' (6 m) high, located 105' (32 m) W from THR 04.

CAUTION: obstruction 39' (12 m) high, located parallel to RCL RWY 04/22, not lighted, impacting transition surface.

Club Aero Ovalle acft cleared ops on emergency runway when main closed. Emergency dirt runway 1804' x 66' (550 m x 20 m) parallel to main runway 377' (115 m) to the west.

F-4, Jet A-1.

Fire N.

**Padre Las Casas (Maquehue)**

301' SCTC PZS Mil. -04:00\* S38 46.0 W072 38.2

ATS 0229760960.

**06L/24R** 5577' ASPHALT. PCN 35/F/A/X/T. ASDA 24R 6069'. HIRL.

**06R/24L** 1969' GRASS. AUW-4.

SR-SS. ATND SKD SR-SS.

CAUTION: Hills located along approach surface 2NM and 4NM to the east of the rwy 24 threshold. Obstacle on threshold runway 06L & 24R.

Caution for eventual paragliding activity SAT / SUN / HOL days at 4 NM north of the AD, in sector NW Cerro Nielol and Cerro María Luisa 384258S 72353W; GND/1000FT. Instructions Maquehue TWR 118.8 MHz.

Caution birds at the AD and in its vicinity.

Any Civil air operations must be authorize by third air brigade, phone number: 65 2580051 or 65 2580052.

Aircraft causing medium wake must apply minimal engine power when taxiing from the ramp to the rwy.

Aircraft must enter and exit the rwy expeditiously.

Commercial ramp limited to 3 parking spaces.

Jet A-1.

ABN.

**Panguilemo see Talca**

**Pichoy see Valdivia**

**Porvenir (Capitan Fuentes Martinez)**

104' SCFM WPR -04:00\* S53 15.2 W070 19.1

Apt Administration (61) 2745500; Fax (61) 2745501; ad.porvenir@dgac.gob.cl. ARO Mobile 09-1581768. ATC (61) 2745502, (61) 2745504.

**03/21** 3150' ASPHALT. AUW-44.

**09/27** 8202' ASPHALT. PCN 12/F/C/Y/U. HIRL. SR-SS.

CAUTION: Birds and guanacos in vicinity of airport.

ABN. Fire 1.

**Pucon**

879' SCPC ZPC -04:00\* S39 17.5 W071 55.2

**09/27** 5577' ASPHALT. PCN 30/F/A/X/T.

Rwy 27 Right-Hand Circuit.

SR-SS.

## CHILE

CAUTION: Trees 7-10' (2-3 m) height, 427' (130 m) from Thr Rwy 27.

CAUTION: Trees 26-30' (8-9 m) height, 492' (150 m) from Thr Rwy 09.

CAUTION: Concentration of birds in the movement area.

CAUTION: People crossing Rwy.

CAUTION: Row trees average 82' (25 m) height, at 344' (105 m) S side from RCL, through the extension of the Rwy, affects transition surface.

CAUTION: Unmarked power lines 30' (9 m) height, at 328' (100 m) S side from RCL, through its extension, affects transition surface.

CAUTION: Obstacle fuel tank Jet A1 24' (7.2 m) width x 12' (3.6 m) length and 11' (3.4 m) height, located 98' (30 m) W from Twy Alpha and 15' (4.5 m) S from apron.

Due to obstacles in the vicinity of AD, for Acft category B and C, VMC operations allowed only with visibility greater than 3 NM (5 km) and ceiling higher than 2500' (762 m).

F-4.

### **Puerto Aysen (Cabo Juan Roman)**

32' SCAS WPA -04:00\* S45 23.9 W072 40.2  
Apt Administration (67) 2332599;  
aro.aysen@dgac.gob.cl.

**07/25** 4265' ASPHALT. PCN 25/F/A/Y/U. HIRL. SR-SS.

CAUTION: Trees 82' (25m) high located 492' (150m) to SW of threshold 07. Affects approach/takeoff and surface transition.

CAUTION: Drainage ditch 3281' (1000m) long 2' (.5m) deep located 61' (18.5m) to NW of threshold 25.

CAUTION: Rwy25, non-frangible electrical box, right side 39' (12m) from edge of threshold 25.

CAUTION: Rwy07, perimeter fence without signal, height 7' (2.2m), 344' (105m) west threshold 07, affects approach/takeoff.

F-2, F-4.

**Puerto Montt (El Tepual Intl)** Apt of Entry  
294' SCTE PMC -04:00\* S41 26.3 W073 05.6

Apt Administration 652486258. 65 486 361 (EXT 6361), 65 486 366 (EXT 6366), 65-2-236316, 65-2-252763; Mobile 976688032, 999983581; aespinoza@aduana.cl, zppmontt@aduana.cl. ARO 65 486201 (EXT 6221); aro.eltepual@dgac.gob.cl. Apt Manager 65 486 201 (EXT 6201). Gen Aviation 652486252.

**17/35** 8694' CONCRETE. PCN 54/R/B/W/T. TODA 17 8891'. TODA 35 8891'. HIRL. HIALS 35.

H24. ATND SKD O/R Mon-Sat 1230-2230Z, Sun/Holidays 1230-2200Z. Customs: O/R, 24 hrs PNR.

CAUTION: Airport not available as night alternate.

Birds in vicinity of airport.

Due to limited general aviation parking on south apron, for aircraft spending the night, prior coordination with ground control 24 HRs before arrival required.

F-4, Jet A-1.

ABN. Fire 7 H24.

### **Puerto Montt (Marcel Marchant)**

367' SCPF +04:00\* S41 27.5 W072 55.1

Apt Administration 652288988;  
ad.scpf@dgac.gob.cl. ARO 652486296. Apt Manager 652252182, 652486295.

**01/19** 3281' ASPH/CONC.

THR 01 first 466' (142m) asphalte, next 1969' (600m) concrete, last 846' (258m) asphalte.

SR-SS. ATND SKD SR-SS.

CAUTION: Pedestrians and animals entering vicinity of THR 01.

CAUTION: Unlighted power and TV lines 656' (200m) affect transition surface.

## CHILE

CAUTION: 394' (120m) before THR 19, uneven surface due to ditch 16' (5m) wide by 16' (5m) deep.

CAUTION: Cranes 131 ft (40m) tall approx 2625 ft (800m) N of THR 19.

CAUTION: Fueling will not be conducted during moderate to severe rain due to the risk involved.

CAUTION: power line 26' (8 m) high, not lighted, located 640' (195 m) from THR19.

CAUTION: television cables approximately (10 m) high, located 656' (200 m) North THR 19, affects transition surface.

CAUTION: long power line, 39' (12 m) high, located on east side and 230' (70 m) from RWY center line, affects transition surface.

RWY, TWY and fuel pit are for public use. Ramp and parking restricted to air club aircraft and transit aircraft with previous coordination.

Foreign aircraft after fueling 100/130 and JP1 park on east side of TWR.

Prohibited to board and deplane passengers in fueling area AVGAS and JP1.

Preferred traffic patterns: RWY 01 Right hand traffic, RWY 19 Left hand traffic.

Aerial Taxiing prohibited on twy A btn twy B and twy C. Helicopters use Rwy 01/19.

VFR training at the aerodrome.

Acraft and vehicles must contact Palmo Info on 127.3 MHz prior to entering twy, apron or fuel pit.

F-4, JP-1.

**Puerto Williams (Guardiamarina Zanartu)**

88' SCGZ WPU -04:00\* S54 55.9 W067 37.6

Apt Administration (56-61) 2621109 Ext 5510; Fax (56-61) 2621109 Ext 5511.

**08/26** 4724' ASPHALT. PCN 33/F/A/X/T. HIRL.

Mon-Thu, 0830-1730LT; Fri, 0830-1630LT; Sat, 0900-1300LT; O/T, Sun, Holiday require clearance except medevac.

Birds in vicinity of airport.

Ramp unmarked. No parking guidance provided, entering or exiting.

Engine Test Areas: THR 08 and THR 26, subject to conditions of air traffic.

ABN. Fire 5 ARFF CAT 5 O/R with 10 days prior notice and within AD HRS.

**Punta Arenas (Carlos Ibanez Del Campo Intl)**

Apt of Entry

139' SCCI PUQ -04:00\* S53 00.2 W070 51.2

Apt Administration 56-64-2745401; Fax 56-61-2214623; ap.pta.arenas@dgac.gob.cl, oirsptaarenas@dgac.gob.cl. Apt Manager On Call 56-61-2745405.

**01/19** 5502' CONCRETE. PCN 40 F/A/W/T. TODA 01 5699'. TODA 19 5699'. HIRL.

RMK: Runway 01/19 use caution due to runway surface deteriorating from THR Rwy 19 to 1148' from THR Rwy 19 and at the intersection with TWY Charlie.

**07/25** 9153' CONC/ASPH. PCN 75/R/B/W/T. TODA 07 10137'. TODA 25 9351'. ASDA 07 9940'. ASDA 25 9351'. HIRL. HIALS 25.

**12/30** 7874' CONC/ASPH. PCN 40 F/A/W/T. TODA 12 8072'. TODA 30 8072'. HIRL.

H24. ATND SKD H24. Customs: Mon-Fri 1130-2300Z. Sat-Sun 1100-2300Z. 0300-1100Z O/R.

CAUTION: obstacle, signaled, 3' (1 m) high, located 184' (56 m) before THR 07 and 85' (26 m) to RWY extension.

CAUTION: obstacle, signaled, 3' (1 m) high, located 181' (55 m) before THR 12 and 75' (23 m) to RWY extension.

CAUTION: three electricity poles, 26' (8 m) high, not signalized, located 1526' (465 m) from THR 30, in sector SSW, interfere APCH / DEP surface.

CAUTION: hangars and terraces located 587' (179 m) from THR 30.



## CHILE

CAUTION: natural obstacles impacting APP/DEP surface and surpassing it, details as follow:

- tree located 397' (121 m) from THR 12,
- tree located 696' (212 m) from THR 12,
- set of trees located 984' (300 m) from THR 12,
- trees 13' (4 m) high located 328' (100 m) from THR 19, in Nsector.

CAUTION: water basin, not signalized, located 2828' (862 m) to THR 01 in SW sector, impacting APP/DEP surface.

CAUTION: terrain and bushes located 509' (155 m) to THR 25 in SE sector, impacting APP/DEP surface and surpassing it. CAUTION: three aeronautical antennas located 2175' (663 m) THR 01 in SW sector, impacting transition surface.

CAUTION: three electricity poles, 13' (4 m) high, not signalized, located 1526' (465 m) from THR 30, in sector SSW, interfere APCH / DEP surface.

CAUTION: electrical cameras located 1' (0.20 m) above ground level, in south sector of the RWY 07/25.

Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 7 H24.

**Puyuhuapi**

45' SCPH -04:00\* S44 23.0 W072 35.6

**18/36** 3379' ASPH/TRTD. AUW-44.

SR-SS.

CAUTION: Strip reduced to a width of 98FT (30M) due to mounds of earth, pools of water, ground depressions, 12IN (30CM) height wooden stakes, concrete gutters, grass and tall weeds.

Wild life in vicinity of airport.

**Quellon see Chiloe**

**Quintero**

12' SCER Mil. -04:00\* S32 47.4 W071 31.3 (032) 223293319. ARO (032) 2269442. ATC (032) 2269444.

**02/20** 3937' CONCRETE. S 49, D-100.

Mon-Fri 1200-2100Z. Sat, Sun, Hol W/O ATTN.

CAUTION: Birds in vicinity of the airport.

CAUTION: RWY 02/20 poor surface conditions at 984' (300m) from THR 20 and 3' (1m) to the east of the RWY axis.

Fire 1.

**Rancagua (La Independencia)**

1610' SCRG QRC -04:00\* S34 10.4 W070 46.5

Apt Administration (2) 24363133; Mobile 991581866. ARO 226682750, 226682751; Mobile 976200399. ATS 222955233. Aeroclub Mobile 965633375.

**03/21** 5259' ASPHALT. AUW-50.

Mon-Sun, HOL: 1230Z-FCCV. ATND SKD

Mon-Sun, HOL: 1230Z-FCCV.

CAUTION: from SS-1130Z due to Opr Acft of Chilean army.

CAUTION: trees, 26-39' (8-12 m) high, located 246' (75 m) in the West sector, along RWY 03/21.

CAUTION: trees, 26-33' (8-10 m) high, located 246' (75 m) in the East sector, along RWY 03/21.

CAUTION: trees and shrubs, 16-33' (5-10 m) high, located 197' (60 m) from THR 21, in the North sector.

CAUTION: fuel pit, 5' (1.5 m) high, located 49' (15 m) to RWY in West sector and 3478' (1060 m) from THR 21.

CAUTION: fuel cabinet, 7' (2 m) high, located 138' (42 m) East to RWY edge and 295' (90 m) to THR 21.

## CHILE

ARO not for use by civil aircraft. Coordinate flight plan via IFIS or phone Rancagua TWR 072 955233.

CAUTION: building, 26' (8 m) high, located 131' (40 m) West to RWY and 3100' (945 m) from THR 21.

For parking and overnight prior coordination required with Club Aéreo de Rancagua via tel.

F-2, F-4.

**Ricardo Garcia Posada see El Salvador****San Felipe (Victor Lafon)**

2160' SCSF SSD -04:00\* S32 44.7 W070 42.2

Apt Administration (34) 5322919.

**15/33** 3445' DIRT. AUW-17.

Rwy 15 Right-Hand Circuit.

SR-SS.

CAUTION: Trees between 46' and 98' tall, E side of RWY, affecting RWY end visibility.

CAUTION: First 984' of RWY 15, E side, is an irrigation ditch.

CAUTION: 148' antenna on S side of RWY.

CAUTION: RWY has sloping terrain.

CAUTION: First one-third of RWY 33, right side, does not have strip due to dirt mounds.

CAUTION: Trees 98' high in transition surface, right side of Rwy 33.

CAUTION: People and animals on and near the RWY.

CAUTION: Irrigation ditch 1.6' (50cm) deep at 197'(60m) from THR 15 crossing perpendicular to the North of the strip.

CAUTION: Trees 984' (300m) North of THR 15.

CAUTION: Trees 49' (15m) height on strip RWY 15NE sector.

CAUTION: Trees between 66' (20m) and 98' (30m) tall located in approach THR 33, affecting approach surface.

CAUTION: Poles and power lines without signaling located at 167' (51m) East of RCL.

F-4.

**San Pedro De Atacama**

7960' SCPE -04:00\* S22 55.3 W068 09.5

**14/32** 6562' ASPHALT. PCN 25F/A/X/T.

SR-SS.

**San Sebastian**

50' SCSS -04:00\* S53 18.9 W068 39.5

**08/26** 3609' GRAVEL. AUW-12.

SR-SS.

**Santiago (Arturo Merino Benitez Intl)** Apt of Entry

1555' SCEL SCL -04:00\* S33 23.7 W070 47.6

Apt Administration 2 24363000; Fax 26019529; operaciones\_amb@dgac.gob. cl. Customs 9 998895778, Immigration 2 29955221; Mobile 9 966294443. ARO 2 24363227, 2 24363524, 2 24363584; Fax 2 26019366.

**17L/35R** 12303' ASPHALT. PCN 63/F/B/W/T. LDA 35R 10499'. HIRL. HIALS 17L. ALS 35R.

Rwy 17L Right-Hand Circuit.

**17R/35L** 12467' ASPHALT. PCN 115/F/D/W/T. HIRL. HIALS 17R.

**18/36** 7218' CONCRETE. PCN 63/R/B/W/T.

H24. Customs: O/R 2HR PNR.

CAUTION: Twy ZULU1 between Twy PAPA and ramp Whisky only allows code CHARLIE aircraft.

CAUTION: Airhorns to scare birds Rwy 17/35.

CAUTION: Laser hand pointers glare during approach and takeoff procedures between GND and 10000'.

CAUTION: parking 11, 12, 14 entry at minimum power only, if not available then towing required.

CAUTION: parking 21 is divided in new parking 21B available only for ACFT narrow body criti-



## CHILE

cal ACFT A321, without safegate. Old version of parking 21 only for wide body ACFT with safegate critical ACFT B787-900. Both versions with fuel pit.

Due to ACFT congestion, PPR for all non regular, specials and/or charter flights of passengers intended to be performed to/from SCEL, must request its schedule with at least 72 HR before via email.

72 hr PPR/PNR for non-scheduled cargo flights between 2300-0600LT.

Birds in vicinity of airport.

SMR Radar available for movement guidance of aircraft and vehicles in aircraft marshaling area.

Noise mitigation to arrival ops only, RWY 17R. Winter 0200 to 0359Z. Summer 0100 to 0259Z. Aircraft type A320 or less without the use of reverse.

Parking spot 8 limited to aircraft A321 wingspan or less.

Parking spot 10 available for B788 or smaller ACFT self-propelled entry, except for when parking spot B4 or B6 are in use.

TWY PAPA not available between TWY UNIFORM and TWY ROMEO.

Remote parking spots B4, B5, enabled with fuel for ACFT A321 nose in self-propelled. Push-back to exit. Wingtip signalers mandatory.

INSTRUCTIONS: Santiago GNDC 122.2 MHZ or request FOLLOW ME.

Remote parking spot B6, enabled with fuel for ACFT B788 nose in self-propelled. Push-back to exit. Wingtip signalers mandatory.

INSTRUCTIONS: Santiago GNDC 122.2 MHZ or request FOLLOW ME.

IFR training approved only when visibility and ceiling permits VFR OPS.

Parking spot 43, 44, 45, 46, 47 can be accessed via TWY KILO.

Parking spot 11, 12, 14, 15, 16, 17, 18, 19, and 20 available for A340-600 or smaller.

Parking spot 21 available for B787-900 or lower wingspan.

Parking spot 22 available for B767-300 or lower wingspan.

Parking spot 23 available for A321 or lower wingspan.

New high-speed WHISKY taxiway enabled, on S from taxiway UNIFORM.

TWY PAPA closed between TWY ZULU 1 AND ZULU 2 while Acft is parked. Instructions: Santiago GNDC 122.2 MHz.

Jet A-1.

ABN. Fire 9.

**Santiago (El Bosque)**

1844' SCBQ Mil. -04:00\* S33 33.6 W070 41.1

Apt Administration 229761164; Fax 229761165; ea.operbase@fach.mil.cl. ARO 222976164. ATS 229761162.

**03/21** 6024' CONCRETE. PCN 32 R/B/W/T. RL.

Mon-Thu 1100-2000Z, Fri 1100-1930Z.

CAUTION: Birds in vicinity of airport.

Caution: Building 171' (52m) in height, 0.30NM SE from threshold rwy 03. Affects approach.

Non-military aircraft PNR.

ABN. Fire 5 Mon-Thu 1100-2000Z / Fri 2200-0930Z Cat 5. Sat-Sun Cat 1.

**Santiago (Eulogio Sanchez)**

2129' SCTB -04:00 S33 27.4 W070 32.8

Apt Administration (2) 23530201; Mobile (9) 92995927; Fax (2) 23530298. ARO (2) 23716817. Apt Operator aro.tobalaba@dgac.gob.cl.

**01/19** 3471' ASPHALT. AUW-13. LDA 01 3169'. LDA 19 3169'. MIRL. Rwy 01 Takeoff not allowed.

Mon-Fri 1230Z-SS. Sat, Sun, Hol 1300Z-SS. ATND SKD 1200Z-30 min before end of civil twilight.

## CHILE

CAUTION: Twy Alfa, Foxtrot, Echo, Bravo, Delta and Whiskey loose pavement.

CAUTION: Parking on sector north of Twr, exercise caution due to uneven surface.

CAUTION: Twy Foxtrot, Twy Golf, Twy Whiskey, Twy Lima due to trees along the side.

Birds in vicinity of airport.

Operations outside of established schedule, must be coordinated and approved by the aerodrome administration and by the DGAC.

Maneuvering area Rwy 19/01 and Twy Alfa, Twy Bravo, Twy Charlie, Twy Delta and Twy Kilo.

Blast fence for takeoff on the North, 10'x 66' (3 m x 20 m) height without night signaling.

Takeoff from intersections taxiway Kilo is authorized only for police aircraft, military operations, medical evacuations or emergency or any other situation determined by the Air Traffic Control request to Tobalaba Tower.

RWY 01 departures prohibited.

Rwy 19 departure prohibited for multi-engine aircraft with a tailwind present.

Rwy 19 departure restricted for single-engine aircraft with a maximum tail wind of 5 knots.

Boarding and deplaning of passengers is prohibited in the parking area in front of the ARO building and in the fueling area.

Taxiway Alfa east side, between taxiway Charlie and Delta, aircraft parking prohibited. Coordinate with administration AD parking in the SEC.

Tower limited visibility to Twy Delta.

Crossing Twy A prohibited except for police, military and medical aircraft.

Acft in transit requiring to submit FPL must coordinate previously with Santiago air club (Ops).

Clearance for pattern traffic only for aircraft on VFR approach track.

The trialing of banners or other elements is forbidden from and to aerodrome.

F-4, Jet A-1.

ABN.

**Santiago (La Victoria De Chacabuco)**

2100' -04:00\* S33 03.0 W070 43.0

02/20 3183' DIRT.

ATND SKD SR-SS.

Fire U.

**Santiago (La Victoria de Chacabuco)**

2139' SCVH -04:00\* S33 03.0 W070 42.5

Apt Administration Mobile 09-98475673.

03/21 3281' ASPHALT. AUW-13.

SR-SS. ATND SKD SR-SS.

CAUTION: helicopter maneuvers restricted only Rwy 21 Thr. Coordinate instructional maneuvers via telephone 87651894.

CAUTION: marked 39' (12 m) tall power pole located 978' (298 m) to WSW from Rwy 03 Thr interferes with transition surface.

CAUTION: marked 39' (12 m) tall power pole located 417' (127 m) to SE from Rwy 03 Thr interferes with transition surface.

CAUTION: unmarked 39' (12 m) tall pole located 207' (63 m) to SE from Rwy 03 Thr interferes with transition surface.

CAUTION: ground depression of 10' (3 m) located 197' (60 m) away from Rwy edge, approximately in NW sector from Rwy 21 Thr.

CAUTION: obstacle, high-voltage power line with unmarked cables 0.5 NM (1 km) to N from Rwy 21 Thr.

CAUTION: high-voltage power line 39' (12 m) height, located 1686' (514 m) N from Rwy 21 Thr.

CAUTION: ground depression of 23' (7 m) located on W side from Thr 21, 62' (19 m) away from RCL, 394' (120 m) length to the S.

CAUTION: unmarked 39' (12 m) tall power poles located 1296' (395 m) to S from Thr 03.

## CHILE

F-3.

**Santiago (Municipal De Vitacura)**

2250' SCLC -04:00\* S33 22.8 W070 34.9

Apt Manager (2) 221184109, (2) 22184135;  
Fax (2) 2188171.**07/25** 1804' ASPHALT.Mon-Fri: 1200Z - ECET. Sat/Sun/Hol: 1230Z -  
ECET. ATND SKD Mon-Fri: 1200Z - ECET.  
Sat/Sun/Hol: 1230Z - ECET.CAUTION: Antenna 98' (30 m) high 656' (200  
m) WSW Rwy 07. Trees 98' (30 m) high located  
279' (85 m) N from the edge of Rwy 07/25.Overflying the aerodrome at lower than 3500'  
(1067 m) is prohibited except during takeoff and  
landing.For noise abatement, missed approaches will  
be made on the active runway and begin turn to  
enter the traffic pattern at 3500' (1067 m).Aircraft with high levels of noise pollution  
( Cessna 206 or Cessna 210 ) must apply  
power changes consistent with the procedure.Sun 1700-1800Z take-offs are prohibited by  
administration, exceptions for military, police  
and medical flights.Take-off on Rwy 07 is prohibited except due to  
wind conditions.Aircraft based and not based on AD may only  
land if SCLC is the final destination, and with  
previous presentation of flight plan.

F-4.

Fire U.

**Talca (Panguilemo)**

375' SCTL TLX -04:00\* S35 22.7 W071 36.1

Apt Administration (71) 2233266.

**03/21** 3675' ASPHALT. AUW-27. RL.

SR-SS.

CAUTION: Electrical lines 39' (12 m) and 66'  
(20 m) high and 328' (100 m) and 492' (150 m)  
south of the threshold of Rwy 03, not marked.

CAUTION: Loose gravel on Rwy edges.

CAUTION: Holding points to access Rwy are  
98' (30 m) west of Rwy centerline.CAUTION: Trees 79' (24 m) 492' (150 m) north  
of Thr 21.CAUTION: Obstacles (Buildings) 20' (6 m) high  
and 138' (42 m) east of Thr 03.CAUTION: Row of trees 33' (10 m) high and  
534' (163 m) south of approach end of Thr 03.CAUTION: Construction affecting transition sur-  
face at THR 03 20' (6 m) average height, paral-  
lel RWY left side, at 195' (59.5 m) RCL and at  
787' (240 m) THR 03.CAUTION: Ditch 4' (1.3 m) width, 3' (0.9 m)  
depth at 279' (85 m) at THR 21, behind perime-  
ter fence.CAUTION: Marked perimeter fence 6' (1.8 m)  
height at 190' (58 m) THR 03.**Taltal (Las Breas)**2580' SCTT TTC -04:00\* S25 33.8 W070  
22.6**15/33** 4035' ASPHALT. AUW-13.

SR-SS.

**Teniente Julio Gallardo see Natales****Teniente Vidal see Coyhaique****Tocopilla (Barriles)**3475' SCBE TOQ -04:00\* S22 08.4 W070  
03.7**14/32** 5364' ASPHALT. PCN 91/F/A/Y/T.

SR-SS.

**Torres Del Paine (Cerro Guido)**

397' SCGD -04:00\* S50 58.2 W072 25.2

**07/25** 3839' DIRT.

SR-SS.

**Valdivia (Las Marias)**

13' SCVL -04:00\* S39 47.7 W073 14.5

Apt Administration (63) 2216273. Apt Manager  
Mobile (56) 982172022.

**CHILE**

**17/35** 4101' CONCRETE. AUW-53.

SR-SS.

Prohibited to land or park helicopters on "Prado" sector, (In front of Air Club)

Caution: Birds in vicinity of airport.

Caution: Electrical power lines 21' (6.3m) high and 525' (160m) from the threshold of RWY 35 affect the approach to RWY 35.

Caution: Tree line with near runway 35 threshold affects approach to runway.

Caution: Trees 394' (120m) from THR of RWY 17, causes issues with causes issues with end slope gradient, for landing and take-off.

CAUTION: Perimeter fence and bushes in the extension of strip RWY17.

CAUTION: Trees 13' (4 m) height, approximately 172' (52.5 m) alongside west of RWY.

CAUTION: Radio controlled and model aircraft activities 984 ft (300 m) east of airport with maximum of 3 aircraft at or below 148 ft (45 m) height. Freq 72MHz and pulse code modulation.

CAUTION: Antenna 1247' (380m) west of RWY 17/35, with a height of 5' (1.5 m) above the RWY surface affects RWY transition.

Report position and intentions for departure, arrival and circuit operations on Las Marias TIBA (Traffic Information Broadcast by Aircraft) 118.2 MHz; other operations contact Valdivia (SCVD) Tower 118.3 MHz. When Pichoy Airport (SCVD) closed, report position and intentions on Valdivia (SCVD) Tower 118.3 MHz.

Parking in front of terminal and hangar buildings available for through traffic only.

Particular aircraft with intentions of parking at airport overnight, should coordinate with Air Club Valdivia. Contact airport administration.

F-4.

**Valdivia (Pichoy)**

59' SCVD ZAL -04:00\* S39 39.0 W073 05.2

Apt Administration (63) 2314302; Fax (63) 2314316; aro.pichoy@dgac.gob.cl. ARO (63) 2314306, (63) 2314307. Ground Services Mobile 09 78542134, 09 88027780.

**17/35** 6890' ASPHALT. PCN 57 F/C/W/T. TODA 17 7087'. TODA 35 7087'. HIRL. HIALS 35.

CAUTION: Runway strip irregular surface.

SR-SS. ATND SKD SR-SS. O/T O/R 2HR PNR.

Birds in vicinity of airport.

CAUTION: Trees approximately 13' high located 171' west of the edge of the runway.

CAUTION: Max power engine run-up only with previous coordination with ground control on 121.8 at the intersection of taxiways A & B and subject to existing traffic.

CAUTION: trees 98' (30 m) high, located 705' (215 m) from RWY and parallel to RCL.

CAUTION: trees 29' (9 m) high, growing, located 984' (300 m) North from THR 17.

CAUTION: RWY strip with irregular surface.

CAUTION: concrete bases of Rwy and Twy lights 0.2' (5 cm) over the surface, in strip of Rwy 17/35.

CAUTION: drainage ditch, 5' (1.5 m) deep, located 394' (120 m) from THR 17 in West sector.

Fueling with simultaneous operations is only in allowed in Parking 1 and 2; Parking 2 prohibited for ACFT type B737.

Jet A-1.

ABN. Fire 7 1300-2200Z.

**Vallenar**

1759' SCLL VLR -04:00\* S28 35.8 W070 45.3

Apt Operator Mobile 988378025.

**10/28** 4718' ASPHALT. PCN 25/F/A/X/U.

## CHILE

SR-SS. ATND SKD Mon-Thu 1230-2130Z, Fri 1230-2030Z, Sat-Sun and Holiday unattended. O/T contact 127.7 MHz or by phone.

CAUTION: antenna 138' (42 m) high at 2.7 NM, NNE of Vallenar.

CAUTION: mobile obstacle 328' (100 m) W of Rwy 10 threshold, perpendicular to the road.

CAUTION: power line 39' (12 m) high, not marked, perpendicular to Rwy 10 threshold, 427' (130 m) to W.

F-4.

**Victor Lafon see San Felipe****Victoria**

1150' SCTO ZIC -04:00\* S38 14.7 W072 20.9

01/19 3478' ASPH/CONC. PCN 9 F/B/Z/T, AUW-13.

SR-SS.

CAUTION: People and animals entering Rwy.

CAUTION: Row of ancient lightning, without cables, 20' (6 m) height at 581' (177 m) of Thr 19. Does not affect surface Apch and Tkof.

CAUTION: Strip by dense vegetation, 115' (35 m) width.

**Villa O'Higgins**

899' SCOH -04:00\* S48 28.1 W072 33.8

16/34 4265' ASPHALT. PCN 19/F/A/Y/T.

SR-SS.

CAUTION: 262' (80 m) hill, 3609' (1100 m) north of Rwy 16 threshold.

**Villa Portales see Lonquimay****Vina Del Mar**

461' SCVM KNA -04:00\* S32 57.0 W071 28.7

Apt Administration Mobile 991581732. (032) 2522258. ARO 224392746; H24 (032) 2522290; Mobile 982094153; aro.scvm@dgac.gob.cl, aro.vina@dgac.gob.cl.

ATC Mobile 991581733. Apt Operator 32 2522291, 32 2522317, 32 2572319, 32 2572356.

05/23 5741' ASPHALT. PCN 30/F/B/X/T. TODA 05 5938'. TODA 23 5938'. RL.

H24.

CAUTION: Birds in the vicinity of the airport.

CAUTION: Ultralight and paraglider activity in vicinity of airport.

Twy Echo/Foxtrot and military apron lighting only available between sunset-sunrise due to the operating of solar lighting system.

CAUTION: Twy Juliet without lights, airport does not have follow me, except for Medevac Acft.

CAUTION: Commercial apron without lights, airport does not have follow me, except for Medevac Acft.

Commercial Aviation ramp availability is for 4 aircraft max. Coordinate 2 hr PPR before parking.

ABN. Fire 5.

**Isla De Pascua**

**Isla De Pascua (Mataverí Intl)** Apt of Entry

227' SCIP IPC -06:00\* S27 09.9 W109 25.3

Apt Administration (56) (32) 2100237; Fax (56) (32) 2100245; ap.pascua@dgac.gob.cl. ARO aro.mataveri@dgac.gob.cl. Ground Services vaihu@entelchile.net.

10/28 10827' ASPHALT. PCN 65/F/C/W/T. HIRL.

MON 1500-2359Z; TUE 0000-2300Z; WED - SUN 1500-2300Z. ATND SKD MON-THU 1400-2200Z. FRI 1400-2100Z. SAT, SUN 1600-2000Z. Customs: O/R.

Caution: Birds in vicinity of Airport and runway edges.

Caution: Laser and pointer glare during approach procedure between ground and 6000' (1829 m).

## CHILE

180° turns at threshold of runways 10 and 28 only.

Caution: Crack on holding bay of approximately 1.5" (4 cm) deep, located 279' (85 m) NE threshold 10 and 164' (50 m) N from RCL.

Caution: Cracks of approximately 1.5" (4 cm) deep, located on intersection of taxiway bravo with Rwy 10/28.

Caution: Border lights on each side of taxiway ALFA and BRAVO 4 inch (10cm) height above ground level.

Fuel not available for itinerant ACFT.

Takeoff from Rwy 10 permitted via taxiway B for aircraft weighing less than

26455 Lbs (12000 kg), aircraft with a weight greater than 26455lbs (12000kg) should takeoff from the threshold.

Jet A-1.

ABN. Fire 8 MON 1500-2359Z; TUE 0000-0700Z, 1500-2300Z; WED,THU,FRI 1500-2300Z; SAT, SUN 1700-2130Z.

**Mataverí Intl see Isla De Pascua**

## COLOMBIA

**3 De Mayo see Puerto Asis****Acandi**

50' SKAD -05:00 N08 29.9 W077 16.4

**17/35** 3937' GRAVEL. AUW-24.

1100-2300.

**Aguachica (Hacaritama)**

554' SKAG -05:00 N08 14.8 W073 34.8

**12/30** 3937' ASPHALT. PCN 35/F/B/X/T. TODA

12 4921'. TODA 30 5085'. ASDA 12 4134'.

ASDA 30 4134'.

1100-2300.

**Aguas Claras see Ocana****Alberto Lleras Camargo see Sogamoso****Alfonso Bonilla Aragon Intl see Cali****Alfonso Lopez Pumarejo see Valledupar****Alfredo Vasquez Cobo see Leticia****Almirante Padilla see Riohacha****Antonio Narino see Pasto****Antonio Roldan Betancourt see Carepa****Apiay (CAPT Luis F Gomez Nino)**

1235' SKAP Mil. -05:00 N04 04.6 W073 33.8

Apt Administration +058 6616412 Ext.

1434/1485/1433/1466.

**10/28** 8222' ASPHALT. PCN 54/R/B/W/T. RL.

ALS 28.

H24. ATND SKD H24.

F-4, Jet A-1.

ABN. Fire 7.

**Arauca (Santiago Perez)**

423' SKUC AUC -05:00 N07 04.1 W070

44.2

Apt Administration 8852297; Fax 8855752.

ARO 8857450. ATC 8853343.

**11/29** 6890' CONC/ASPH. PCN 81/F/B/X/T.

Rwy 11 Right-Hand Circuit.

Mon, Tue, Wed, Thu, Fri, Sun 0000-0200Z and 1100-2359Z. Sat 0000-0400Z and 1100-2359Z. ATND SKD 1100-0200Z.

Birds in vicinity of airport.

Exercise caution due to obstacles, antennas and trees, located 98' (30 m) from Rwy 11 threshold.

Tower visibility reduced to 1969' (600 m) due to presence of trees. Exercise caution.

F-4, Jet A-1.

ABN. Fire 5.

**Armenia (El Eden)**

3976' SKAR AXM -05:00 N04 27.1 W075 46.0

Apt Administration 7473473, 7479400; Fax 7479004 Ext.101. ARO 7479302. ATC 7479322.

**02/20** 7612' ASPHALT. PCN 50/F/B/X/T. TODA 20 8202'. ASDA 20 8005'. RL.

1030-0500Z. ATND SKD 1030-0500Z. Customs: 1030-0500Z.

CAUTION: Birds in vicinity of airport.

CAUTION: Visibility from Control Tower reduced to Rwy 02 due to high trees.

Jet A-1.

ABN. Fire 6.

**Bahia Solano (Jose Celestino Mutis)**

79' SKBS BSC -05:00 N06 12.2 W077 23.7

Apt Administration 6827039; Fax 6827210.

**18/36** 3937' ASPHALT. PCN 10/F/B/X/U.

1100-2300.

CAUTION: Vehicles, people, livestock and dogs may be on Rwy.

**Baracoa see Magangué****Barranca De Upia**

940' -05:00 N04 34.0 W072 58.0

**16/34** 3215' GRASS. S 27.



## COLOMBIA

SR-SS.

**Barrancabermeja (Yariguies)**

397' SKEJ EJA -05:00 N07 01.5 W073 48.4  
ARO 6204417. ATC 6204492. Apt Operator  
Fax 6204493.

**04/22** 5906' ASPHALT. AUW-135. RL.

1100-2300Z. ATND SKD 1100-2300Z.

CAUTION: Birds in the vicinity.

Tall trees 60' (18 m) height, 98' (30 m) from Thr 22. Exercise caution on approach and take-off.

Procedure: To mitigate the impact of aircraft noise on the ramp of Barrancabermeja Yariguies airport.

Turbo-Prop aircraft are to park on the main ramp at positions 1, 2, 3 and 6.

For the start of turbines, jet aircraft occupying parking positions 4 and 5, will be towed to the site determined by ATC, for starting engines and to the Inspector ramp.

The use of pneumatic starter is prohibited at parking positions 4 and 5.

Pneumatic starter may be used at positions 1, 2, 3 and 6

The start of the aircraft engine with APU is authorized in the parking position before towing the aircraft.

In parking positions number 4 and 5, the use of the APU is authorized for a maximum of 5 minutes.

Aircraft may only come out to start engines after ATC clearance.

Aircraft are only allowed in the parking position while the auxiliary unit is connected.

For aircraft in positions 4 and 5, if operational reasons requires more time for operation of the APU, it may be authorized for a maximum time of 15 minutes.

F-4, Jet A-1.

ABN. Fire 5.

**Barranquilla (Ernesto Cortissoz) Apt of Entry**

95' SKBQ BAQ -05:00 N10 53.4 W074 46.8  
Apt Administration 3160902, 3348114,  
3348130; Fax 3348193; cecoa@aeropuerto-  
baq.com. ATC 3348315; Fax 3348315. ATS  
3348075, 3348443; Fax 3348075. Ground  
Services 3348192 Ext.101; Mobile  
3157211478; satecsa@hotmail.com.

**05/23** 9846' ASPHALT. PCN 62/R/B/X/T. ASDA  
05 10335'. RL. HIALS 05.

H24 ATND SKD H24. Customs: H24.

Caution: Daily ascent of free balloon above apt ground to unlimited.

Twy A3 and A4 simultaneous operations for aircraft category C or lower. Twy 3 restricted when category D aircraft on A4.

Acft entering or exiting Twy B3 must be towed during Night or IMC.

F-4, Jet A-1.

ABN. Fire 7.

**Benito Salas see Neiva****Bogota (El Dorado Intl) Apt of Entry**

8360' SKBO BOG -05:00 N04 42.1 W074  
08.8

Apt Administration 5950070 Ext. 505/105; Fax  
4135104; servicioalcliente@eldorado.aero.  
ARO 2962253. ATC 2962083; Mobile  
3175051540.

**13L/31R** 12467' ASPHALT. PCN 104/F/D/W/T.  
TODA 13L 12959'. TODA 31R 12959'. HIRL.

Rwy 13L, first 3937' (1200M) not available for landing or take-off.

Rwy 31R, last 3937' (1200M) not available for landing or take-off.

**13R/31L** 12467' ASPHALT. PCN 80/F/C/W/T.  
TODA 13R 13451'. TODA 31L 13451'. ASDA  
13R 12664'. ASDA 31L 12664'. HIRL. ALS  
13R.

H24 ATND SKD H24. Customs: H24.



## COLOMBIA

Birds in vicinity of airport.

Due to noise abatement regulations prohibiting flights over the city, between 0500 UTC and 1100 UTC, the following SIDs shall not be used and later versions:

- ZIPAQUIRA FIVE JULIET (ZIP5J)
- EVRAK THREE ALFA (EVRA3A)
- EVRAK THREE CHARLIE (EVRA3C)
- ZIPAQUIRA NINE FOXTROT (ZIP9F).

TWY Hotel, between TWY Lima and TWY Mike, authorized only up to DELTA category.

To reduce the noise confirmed flights have preference between 0500 and 1100Z. However noise abatement will not be a factor determinant to keep the faced configuration when:

- a) Condition of the runway surface is affected (for example with water, mud, rubber, oil or other substances).
- b) For the landing, when the cloud ceiling is at a height less than 500' (152 m) above the elevation of the aerodrome or the visibility is less than 6234' (1900 m).
- c) For takeoff, when the visibility is less than 6234' (1900 m).
- d) Wind shear has been reported or predicted, or when foresee storms that affect the approach or the exit.
- e) When the transverse component of the wind, including gusts, exceeds 15 kt, or the tail wind component, including bursts, exceed 5 kt.

Sports aerial activities in vicinity of airport.

Piston aircraft operations are prohibited.

Flight training prohibited.

VFR flights prohibited.

Jet A-1.

ABN. Fire 10.

### Bucaramanga (Palonegro)

3902' SKBG BGA -05:00 N07 07.6 W073 11.1

Apt Administration 6569400; Fax 6569451.  
ARO 6569473. ATC 6569427.

**17/35** 7575' ASPHALT. PCN 140/F/A/X/T.  
TORA 35 7083'. LDA 17 7083'. LDA 35 7083'.  
TODA 17 7772'. ASDA 35 7280'.

Rwy 17/35 contaminated with rubber. Exercise caution.

1030-0430Z. O/T O/R. ATND SKD  
1030-0430Z. O/T O/R. Customs: 1030-0430Z.  
O/T O/R.

CAUTION: Birds in vicinity of airport.

Aircraft with AUW greater than 12787 lbs (5800 kg) should turn 180 Deg only at end of threshold 17 and 35 in order to avoid damage to PAPI lights.

F-4, Jet A-1.

ABN. Fire 6.

### Buenaventura (Gerardo Tobar Lopez)

48' SKBU BUN -05:00 N03 49.2 W076 59.4

Apt Administration 2434919; Fax 2434919.  
ATC (1) 317 538 7826.

**09/27** 3937' ASPHALT. PCN 72/F/B/X/T.

1100-2300Z. ATND SKD 1100-2300Z.

Use caution on ramp due to proximity of the passenger terminal and control tower.

CAUTION: High trees at approach end of Rwy 09.

CAUTION: Reduced visibility of Thr 27 and Rwy 09/27 from tower due to trees.

CAUTION: People and animals in Rwy 09/27 area.

CAUTION: Birds in vicinity of airport.

Jet A-1.

Fire 4.

**Cali (Alfonso Bonilla Aragon Intl)** Apt of Entry

3162' SKCL CLO -05:00 N03 32.6 W076 22.9

## COLOMBIA

Apt Administration 2800111; Fax 2800111.  
ARO 6663240. ATC 4185110.

**02/20** 9843' ASPHALT. PCN 83/F/B/W/T.  
TODA 02 10171'. TODA 20 10171'. ALS 02.

H24. ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of airport

Rwy 02/20 closed daily between 0600 - 1015.

THR RWY 02, 180 degree turn prohibited.

Engine runups and testing prohibited without  
ATS coordination to determine location on par-  
allel taxiway or holdingpoint on Rwy 20.

Caution due to paragliders activity

F-4, Jet A-1.

ABN. Fire 8.

**Cali (Marco Fidel Suarez AB)**

3165' -05:00 N03 27.6 W076 30.0

**06/24** 6233' ASPHALT. RL.

F-2.

Fire U.

**Camilo Daza Intl see Cucuta**

**Cananguchal see Villa Garzon**

**Capt German Olano see Palanquero**

**CAPT Luis F Gomez Nino see Apiay**

**Carepa (Antonio Roldan Betancourt)**

52' SKLC -05:00 N07 48.7 W076 43.0

Apt Administration 8296433; Mobile  
3206888596; insplasklc@airplan.aero, operce-  
coasklc@airplan.aero. Apt Manager Fax  
8296434.

**15/33** 6444' ASPHALT. PCN 47/F/C/X/T. TODA  
15 6936'. TODA 33 6640'. RL.

Mon: 1030-2359Z; Tue, Wed, Thu, Fri:  
0000-0200Z, 1030-2359Z; Sat: 0000-0200Z,  
1030-2300Z; Sun: 1030-2300Z. ATND SKD  
1100-2359Z.

CAUTION: Trees, 100' (30 m) height tall, 100'  
(30 m) from Rwy 33 threshold.

CAUTION: Birds in vicinity of Apt.

CATUTION: Spraying works are being carried  
out on runway strips 24 hours, exercise caution  
for the presence of machinery and personnel  
working.

Any Acft that does not have an approved regu-  
lar schedule must coordinate prior to TkoF from  
the Apt of origin the request for parking and /or  
overnight at the Apt, otherwise you will have a  
max of 2 hr of stay at the Apt and then transfer  
the Acft to another Apt. The coordination  
requires sending a request with the following  
information via email: type of Acft, registration,  
ARR time, DEP time, contact name of the  
person in charge of the ground care to the  
arrival at the airport, contact phone number.

In case the Acft once parked on the platform of  
the Apt must be relocated, the request must be  
met in a max time of 1 hour. If this guideline is  
not met, it will be applied the current sanction-  
ing regulation stipulated in the regulations Aero-  
nautics of Colombia RAC.

In the parking positions, the APU can only turn  
on previous coordination with the Platform  
inspector for a while max of 10 minutes.

Jet A-1.

Fire 4.

**Carmen De Bolivar**

590' SKCB -05:00 N09 41.0 W075 07.6

**03/21** 4922' CLAY.

1100-2300.

**Cartagena (Rafael Nunez) Apt of Entry**

7' SKCG CTG -05:00 N10 26.5 W075 30.8

Apt Administration 6569203; Fax 6562843,  
6562921; airportctg@sacsa.com.co. ARO  
6564991. ATC 6662083.

**01/19** 7841' ASPHALT. PCN 82/F/B/W/T.  
TORA 01 7940'. TODA 01 8333'. TODA 19  
7940'. ASDA 01 7940'. RL.

H24. ATND SKD H24. Customs: H24.

## COLOMBIA

CAUTION: Birds in vicinity of airport.

Noise abatement procedures:

No use of Ground Power Unit (GPU) for turbine start in parking positions 1 to 11.

AD limited - not available for training flights, daily 1600-1900Z.

F-4, Jet A-1.

ABN. Fire 8 Mon, Wed, Fri: 0000-0015Z; Tue, Thr, Sat: 2100-2359Z; Sun: 0000-0015Z, 2100-2359Z.

**Cartago (Santa Ana)**

2981' SKGO CRC -05:00 N04 45.5 W075 57.4

Apt Administration 2118971; Fax 2118971. ATC 2119244.

01/19 6644' ASPHALT. PCN 58/F/B/X/T. TORA 19 6841'. TODA 01 6841'. TODA 19 7628'. RL. 1100-2300Z. ATND SKD Mon-Fri, 1300-2200Z. Sat, 1300-1800Z.

CAUTION: Birds in vicinity of airport.

Paraglider activity in vicinity of aerodrome.

F-4.

ABN. Fire N.

**Caruru**

647' SKCR CUO -05:00 N01 00.8 W071 17.8

11/29 3281' SAND/CLAY. AUW-27.

1100-2300.

**Caucasia**

164' SKCU CAQ -05:00\* N07 58.3 W075 12.1

01/19 3871' ASPHALT. PCN 7/F/C/Y/T.

SR-SS.

**Caucaya see Puerto Leguizamo**

**Cesar Gaviria Trujillo see Puerto Inirida**

**Chaparral (Gen Navas Pardo)**

2729' SKHA CPL -05:00 N03 43.4 W075 27.9

09/27 3937' ASPHALT. PCN 11 F/B/X/U.

1100-2300.

**Chigorodo**

113' SKIG IGO -05:00 N07 40.6 W076 41.0

16/34 3464' TARMAC.

ATND SKD SR/SS.

Fire U.

**Cimitarra**

528' SKCM CIM -05:00 N06 22.0 W073 58.2

16/34 4920' TARMAC.

SR-SS.

**Colonizadores see Saravena****Condoto (Mandinga)**

166' SKCD COG -05:00 N05 04.3 W076 40.6

09/27 3772' ASPHALT.

SR-SS.

**Contador see Pitalito****Corozal (Las Brujas)**

565' SKCZ CZU -05:00 N09 20.0 W075 17.1

Apt Administration 2840767; Fax 2840495. ARO 3176465224. ATC 3175387835. Apt Operator (5) 2499735; Mobile 3206888595; insplaskcz@airplan.aero, opercecoaskcz@airplan.aero.

03/21 4741' ASPHALT. PCN 42/F/C/X/T. TORA 03 5233'. TORA 21 5413'. TODA 03 5233'. TODA 21 5413'. ASDA 03 5413'. ASDA 21 5413'. RL.

1100-2300Z. ATND SKD 1100-2300Z.

CAUTION: Birds in vicinity of airport.

CAUTION: machinery and personnel working on runway strips, due to spraying works.

No helicopter spot or parking positions.

## COLOMBIA

Aircraft can not be parked outside the demarcated positions.

The taxiway platform is designed for aircraft with wingspans of 118' (36 m) max.

The minimum clear distance between aircraft category "C" is 15' (4.5 m).

The minimum clear distance between aircraft category "B" is 10' (3 m).

Unscheduled Acft PPR for parking or overnight. Otherwise maximum 2 hrs stay allowed.

VMC operations only for 26247' (8000 m) and 1500' ceiling.

In the parking positions, the APU can only be used for a maximum of 10 minutes after coordination with the platform inspector.

Parking on the position of fuel supply is not allowed, after tanking is finished.

If aircraft on the platform must be relocated, request must be met within 1 hr.

Jet A-1.

ABN. Fire 5.

**Covenas**

197' SKCV CVE -05:00 N09 24.1 W075 41.5  
Apt Operator 095-2880334.

**06/24** 4226' ASPHALT. MTOW-24.  
SR-SS.

**Cravo Norte**

339' SKCN RAV -05:00 N06 19.0 W070 12.7

**05/23** 3681' ASPHALT.  
SR-SS.

**Cucuta (Camilo Daza Intl)** Apt of Entry

1089' SKCC CUC -05:00 N07 55.6 W072 30.7

Apt Administration 5874885; Fax 5874909.  
ARO 5875099. ATC 5875098.

**03/21** 6316' ASPHALT. PCN 76/F/D/X/T. TODA 03 6808'. TODA 21 6808'.

**16/34** 7362' ASPHALT. PCN 89/F/D/X/T. TORA 16 7756'. TODA 16 8248'. TODA 34 7854'. ASDA 16 7756'. ASDA 34 7559'. ALS 16.

1000-0500Z. ATND SKD H24. Customs: 1000-0500Z.

F-4, Jet A-1.

ABN. Fire 6.

**Eduardo Falla Solano see San Vicente Del Caguan****El Bagre (El Tomin)**

177' SKEB EBG -05:00 N07 35.7 W074 48.5

**01/19** 3878' ASPHALT. PCN 8/F/C/W/U. TODA 01 4364'.

1100-2300.

**El Banco (El Banco Apt.)**

110' SKBC ELB -05:00 N09 02.7 W073 58.4

**11/29** 4019' CONCRETE.  
SR-SS.

**El Carano see Quibdo****El Dorado Intl see Bogota****El Eden see Armenia****El Embrujo see Isla Providencia****El Pindo see Montelibano****El Refugio see La Macarena****El Tomin see El Bagre****El Yopal**

1027' SKYP EYP -05:00 N05 19.1 W072 23.0

Apt Administration 6340015; Fax 6358352.  
ARO 6340018. ATC Mobile (1) 317 517 1165.

**05/23** 7365' ASPHALT. PCN 50/F/B/X/T. TORA 05 7562'. TODA 05 8087'. TODA 23 7661'. ASDA 05 7562'.

1100-0200Z. ATND SKD 1100-0200Z.

## COLOMBIA

Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 6.

**Ernesto Cortissoz see Barranquilla**

**Flaminio Suarez Camacho see Guaymaral**

**Florencia (Gustavo A Paredes)**

807' SKFL FLA -05:00 N01 35.4 W075 33.9  
ATC 2962703.

**12/30** 4921' ASPHALT. PCN 34/F/C/X/T. RL.

Mon: 0000-0200Z, 1300-2359Z; Tue-Fri:  
0000-0300Z, 1300-2359Z; Sat: 0000-0300Z,  
1500-2359Z; Sun: 1400-2359Z. ATND SKD  
Mon: 0000-0200Z, 1300-2359Z; Tue-Fri:  
0000-0300Z, 1300-2359Z; Sat: 0000-0300Z,  
1500-2359Z; Sun: 1400-2359Z.

CAUTION: Birds in vicinity of airport.

CAUTION: Tall trees on approach Rwy 30.

Acft parking at positions 1, 2, 3, 4 must enter  
with only one engine and be towed for depar-  
ture. In the event no towing is available, depar-  
ture with one engine only.

Jet A-1.

ABN. Fire 5.

**Furatena see Quipama**

**Garzon (La Jagua)**

2622' SKGZ -05:00 N02 10.0 W075 40.0

**05/23** 3412' TURF.

1100-2300.

**Gen Navas Pardo see Chaparral**

**Gerardo Tobar Lopez see Buenaventura**

**German Olano see Puerto Carreno**

**Girardot (Santiago Vila)**

902' SKGI GIR -05:00 N04 16.6 W074 47.8  
Apt Administration 2402619; Fax 2402044.  
ATC 2402618.

**02/20** 5249' ASPHALT. PCN 20.12/F/C/X/T.  
RL.

1100-2300Z. ATND SKD 1100-2300Z.

Caution: Birds in vicinity of airport.

AD limited for training flights  
between 1100-2300Z.

Sports aviation only Sat, Sun and Hol:  
1100-2300Z.

F-4, Jet A-1.

ABN. Fire 3.

**Golfo de Morrosquillo see Tolu**

**Gonzalo Mejia see Turbo**

**Guapi (Juan Casiano)**

32' SKGP GPI -05:00 N02 34.2 W077 53.9  
Apt Administration 8400188; Fax 8401167.  
ATC (1) 317 538 7832.

**02/20** 4265' PAVED. PCN 12.1/F/C/X/T. LDA  
02 4255'. LDA 20 4255'. RL.

1100-2300Z.

CAUTION: Heavy equipment and personnel on  
RWY.

Fire 4.

**Guaymaral (Flaminio Suarez Camacho)**

8389' SKGY -05:00 N04 48.7 W074 03.9

Apt Administration 2962913; Fax 6763662.  
ARO H24 2962743. ATC 2962987.

**11/29** 5643' ASPHALT. PCN 20/F/B/X/T.

Rwy 11/29 Right-Hand Circuit.

1100-2300Z.

Bird concentrations on and in the vicinity of the  
airport.

Flight training in vicinity of airport.

Paragliders in vicinity of airport.

F-4, Jet A-1.

Fire 3.

**Guillermo Leon Valencia see Popayan**

## COLOMBIA

**Gustavo A Paredes** see **Florencia**

**Gustavo Rojas Pinilla** see **San Andres**

**Gustavo Vargas** see **Tame**

**Hacaritama** see **Aguachica**

**Hato Corozal**

820' SKHC HTZ -05:00 N06 09.2 W071 45.7

**06/24** 3609' CLAY.

SR-SS.

**Heriberto Gil Martinez** see **Tulua**

**Ibague (Perales)**

2999' SKIB IBE -05:00 N04 25.3 W075 08.0

Apt Administration 2856000; Fax 2675662.

ARO 2677794. ATC 2685602.

**14/32** 5906' ASPHALT. PCN 39/F/C/X/T.

0000-0200Z, 1030-2359Z. ATND SKD  
1100-1800Z. O/T O/R.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 5.

**Ipiales (San Luis)**

9761' SKIP IPI -05:00 N00 51.7 W077 40.1

Apt Administration 7739590; Fax 7739714.

ATC 3175387828.

**08/26** 8202' ASPHALT. PCN 51/F/B/X/T. TODA

08 8694'. TODA 26 9186'. RL.

1100-2300Z. ATND SKD Mon, 1400-2200Z;

Tue-Fri, Sun, 1300-2100Z; Sat not avbl.

Birds in vicinity of airport.

Jet A-1.

ABN. Fire 3.

**Isla Providencia (El Embrujo)**

29' SKPV PVA -05:00 N13 21.4 W081 21.5

Apt Administration 5148176.

**17/35** 4232' ASPHALT. PCN 18.6 F/C/X/T.

1100-2300Z.

Birds in vicinity of airport

Fire 4.

**Jorge E Gonzalez** see **San Jose Del  
Guaviare**

**Jose Celestino Mutis** see **Bahia Solano**

**Jose Celestino Mutis** see **Mariquita**

**Jose Maria Cordova** see **Rionegro**

**Juan Casiano** see **Guapi**

**Juan Jose Rondon** see **Paipa**

**La Florida** see **Tumaco**

**La Jagua** see **Garzon**

**La Macarena (El Refugio)**

777' SKNA -05:00 N02 10.4 W073 47.2

Apt Operator 3159870; Mobile 3212321371.

**17/35** 5187' ASPHALT. RL.

ATND SKD Sunrise-Sunset.

Birds and livestock in vicinity of airport.

Ramp use limited to aircraft with previous  
approval from tower and parking availability

After sunset only military aircraft with night  
vision equipment and previous coordination  
with CCOFA for air traffic control.

Colombian military will not provide any services  
after sunset. Any aircraft parking in the grass  
area will do under own responsibility.

Jet A-1.

**La Nubia** see **Manizales**

**Las Brujas** see **Corozal**

**Leon Bentley** see **Mitu**

**Leticia (Alfredo Vasquez Cobo)** Apt of Entry

270' SKLT LET -05:00 S04 11.5 W069 56.5

Apt Administration 5928133; Fax 5927192.

ARO 5926579. ATC 5924562.

**COLOMBIA**

**03/21** 6102' ASPHALT. PCN 43.83/F/B/X/T. TODA 21 6594'. ASDA 21 6398'.

H24. ATND SKD Day service, O/T O/R. Customs: Customs: 1100-0300Z. Immigration: Mon-Fri, 1200-2300Z, Sat-Sun, 1200-2100Z and 0000-0300Z, Hol, 1300-2100Z.

CAUTION: Birds in vicinity of apt.

Jet A-1.

ABN. Fire 5.

**Los Garzones see Monteria**

**Madrid (Madrid Air Base)**

8355' SKMA -05:00 N04 43.9 W074 16.5

**06/24** 6070' ASPHALT.

1100-2300.

F-3.

**Magangue (Baracoa)**

195' SKMG MGN -05:00 N09 17.1 W074 50.8

**11/29** 4626' ASPHALT.

SR-SS.

**Maicao (San Jose De Maicao)**

160' SKMJ -05:00 N11 23.0 W072 14.0

**07/25** 5394' ASPHALT.

Days.

**Malaga**

7237' SKLA -05:00 N06 42.4 W072 43.8

**16/34** 3280' ASPHALT.

SR-SS.

**Manaure**

15' -05:00 N11 47.0 W072 25.0

**06/24** 4370' TARMAC.

ATND SKD SR-SS.

Fire U.

**Mandinga see Condoto**

**Mani**

600' SKMN -05:00 N04 50.0 W072 16.0

**04/22** 3937' GRAVEL. AUW-24.

SR-SS.

**Manizales (La Nubia)**

6945' SKMZ MZL -05:00 N05 01.8 W075 27.9

Apt Administration 740090.

**10/28** 4593' ASPHALT. PCN 20/F/C/X/T. TORA 10 0'. LDA 28 0'. TODA 10 0'. ASDA 10 0'. RL.

RWY 10/28 work in progress take extra precaution.

RWY 10/28 rubber contamination, extra precaution.

1030-2330Z. ATND SKD 1030-2330Z.

Rwy 28 available for take-off only and Rwy 10 available for landing only due to the presence of obstacles.

Acraft over 44092 lbs(20000 kg) prohibited from using Rwy 10/28.

CAUTION: Birds in vicinity of AD.

CAUTION: Antennas in vicinity of AD.

F-4, Jet A-1.

Fire 5.

**Marco Fidel Suarez AB see Cali**

**Mariquita (Jose Celestino Mutis)**

1531' SKQU MQU -05:00 N05 12.8 W074 53.0

Apt Administration 2522097; Fax 2520600. ATC 2524300.

**01/19** 5873' ASPHALT. PCN 140/F/A/X/T.

1100-2300Z.

CAUTION: Birds in the vicinity of the airport.

CAUTION: Reduced visibility from tower to Rwy 19 and Twy Whiskey from Rwy 01/19, due to high trees.

Fire 3.

**Matecana see Pereira**

**COLOMBIA**
**Medellin (Olaya Herrera)**

4921' SKMD EOH -05:00 N06 13.2 W075 35.4

Apt Administration 3656100; Fax 2557787, 3615183. ARO 2552308. Ground Services Mobile 3505848491; insplaskmd@airplan.aero.

**02/20** 7710' ASPHALT. PCN 54/F/C/X/T. TORA 02 7054'. LDA 02 5906'. LDA 20 5906'. ASDA 02 7054'. Rwy 20 Takeoff not allowed.

1030-2330Z. ATND SKD 1030-2330Z. Customs: O/R.

Due to the presence of trees that obstruct visibility, the ATS unit is not responsible for the control of Twy Alfa between Twy Bravo and Twy Charlie. Crews must exercise caution.

F-4, Jet A-1.

ABN. Fire 5.

**Miraflores**

730' SKMF MFS -05:00 N01 21.0 W071 56.7

**02/20** 4331' TARMAC. MTOW-27. ASDA 02 4528'. ASDA 20 4528'.

SR-SS.

**Mitu (Leon Bentley)**

680' SKMU MVP -05:00 N01 15.2 W070 14.0

Apt Administration 5642061; Fax 5642300. ATC 5642300.

**02/20** 5755' ASPHALT. PCN 31.5/F/B/X/T. Pilot Controlled Lighting.

1100-2300Z.

CAUTION: People and motor vehicles present on Rwy 02.

CAUTION: Concentration of birds in vicinity of airport.

CAUTION: Control tower without visibility to Rwy 02 due to trees.

F-4, Jet A-1.

ABN. Fire 5.

**Mompos (San Bernardo)**

72' SKMP MMP -05:00 N09 15.5 W074 26.3

**02/20** 4051' ASPHALT.

SR-SS.

**Montelibano (El Pindo)**

157' SKML -05:00 N07 58.3 W075 26.0

**18/36** 3478' ASPHALT. AUW-27.

**Monteria (Los Garzones)**

41' SKMR MTR -05:00 N08 49.4 W075 49.5

Apt Administration 7911476; Fax 7911476. ARO 7860051. ATC 7860066. Apt Operator Mobile 3104557539, 3206888593; insplaskmr@airplan.aero, opercecoaskmr@airplan.aero.

**14/32** 7539' ASPHALT. PCN 47/F/C/X/T. TORA 32 7100'. LDA 14 7100'. LDA 32 7100'. ALS 32.

1030-0400Z. ATND SKD H24.

CAUTION: Birds in vicinity of airport.

CAUTION: Machinery and personnel working on runway strips due to spray works.

Unscheduled acft PPR for parking or overnight at the apt. Otherwise can stay maximum of 2 hr.

If aircraft on the platform must be relocated, request must be met within 1hr.

In the parking positions, the APU can only be used for a maximum of 10 minutes after coordination with the platform inspector.

F-4, Jet A-1.

ABN. Fire 7.

**Morela see Puerto Berrio**
**Morelia see Puerto Gaitan**
**Necocli**

60' SKNC -05:00 N08 27.0 W076 47.0

**16/34** 2733' GRAVEL.

ATND SKD SR/SS.



## COLOMBIA

**Neiva (Benito Salas)**

1482' SKNV NVA -05:00 N02 57.0 W075 17.6

Apt Administration 8743963; Fax 8757051.  
ARO 8757050. ATC On Call 8757049.

**02/20** 5538' ASPHALT. PCN 34/F/B/X/T. TODA 02 6194'. TODA 20 5735'. ASDA 02 5915'. ASDA 20 5735'.

Tue-Sat: 0000-0300Z, 1100-2359Z, Mon, Sun, Hol: 0000-0200Z, 1100-2359Z. ATND SKD Tue-Sat 0000-0300Z, 1100-2359Z; Mon, Sun, Hol 0000-0200Z, 1100-2359Z.

CAUTION: Concentration of birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 6.

**Nuqui (Reyes Murillo)**

13' SKNQ -05:00 N05 42.6 W077 15.8

**05/23** 3051' ASPHALT. PCN 7/F/B/Y/T.

ATND SKD SR/SS.

Birds in the vicinity of the airport, exercise caution.

CAUTION: Runway 23 threshold presence of people and livestock.

**Ocana (Aguas Claras)**

3839' SKOC OCV -05:00 N08 18.9 W073 21.5

Apt Administration 5611003; Fax 5611005.  
ATC 5611006.

**01/19** 3937' ASPHALT. AUW-42. TORA 19 3757'. LDA 01 3757'. LDA 19 3757'. TODA 19 3757'. ASDA 19 3757'.

1100-2300Z.

Observed presence of sand and brush on Rwy 01/19, exercise caution.

ABN.

**Olaya Herrera see Medellin****Orocue**

550' SKOE ORC -05:00 N04 47.5 W071 21.4

**04/22** 4856' MACADAM. S 48.

1100-2300.

**Otu see Remedios****Paipa (Juan Jose Rondon)**

8205' SKPA -05:00 N05 45.9 W073 06.3

**04/22** 5577' ASPHALT.

SR-SS.

**Palanquero (Capt German Olano)**

566' SKPQ PAL Mil. -05:00 N05 29.0 W074 39.4

Apt Operator 096 8398364.

**01/19** 9964' ASPHALT. PCN 66/R/B/W/T. RL. ALS 19.

H24. ATND SKD H24.

Birds in vicinity of AD.

Before arrival 24 hrs PNR Air Base.

Overflights of aircraft (civil and military) 10 minutes PNR DINAV- Overflights, except Aircraft STS Emergency, ambulance, state, O / P.

F-4, Jet A-1.

ABN. Fire 7.

**Palonegro see Bucaramanga****Pasto (Antonio Narino)**

5951' SKPS PSO -05:00 N01 23.8 W077 17.5

Apt Administration 7328191. ATC Mobile 3175171118. Apt Operator Fax 7328190.

**02/20** 7136' ASPHALT. PCN 48/F/D/X/T. TORA 02 7283'. TORA 20 7303'. TODA 02 7776'. TODA 20 7795'. ASDA 02 7303'. ASDA 20 7283'. RL. ALS 20.

1100-2300Z. ATND SKD 1100-2300Z.

CAUTION: Birds in vicinity of airport.

## COLOMBIA

Jet A-1.

ABN. Fire 6.

**Paz De Ariporo**

878' SKPZ PZA -05:00 N05 52.6 W071 53.3

04/22 4986' TARMAC.

SR-SS.

**Perales see Ibague****Pereira (Matecana)** Apt of Entry

4418' SKPE PEI -05:00 N04 48.8 W075 44.4

Apt Administration 3142765 Ext. 253; Fax 3142769. ARO 3142765 Ext. 218. ATC 3142765 Ext. 223.

08/26 6296' ASPHALT. PCN 50/F/B/X/T. TORA 08 6693'. TORA 26 6837'. TODA 08 7234'. TODA 26 7493'. ASDA 08 6693'. ASDA 26 7051'. RL.

Threshold surface uneven after 67' (20m); use caution.

1000-0500Z. ATND SKD 1000-0500Z. Customs: 1000-0500Z.

CAUTION: Birds in vicinity of airport.

Rwy 08/26 not available for training between 2300-1100Z.

F-4, Jet A-1.

Fire 7.

**Pitalito (Contador)**

4221' SKPI PTX -05:00 N01 51.5 W076 05.2

07/25 4921' ASPHALT. PCN 17/F/B/X/U. TODA 25 5577'.

SR-SS.

**Popayan (Guillermo Leon Valencia)**

5687' SKPP PPN -05:00 N02 27.3 W076 36.6

Apt Administration 8237705; Fax 8231900. ATC 8232184.

08/26 6266' ASPHALT. PCN 32/F/B/X/T. TORA 26 6070'. LDA 08 6070'. LDA 26 6070'. TODA 26 6070'. ASDA 26 6070'.

1100-2359Z. ATND SKD 1100-2359Z.

CAUTION: Birds in vicinity of aerodrome.

Jet A-1.

ABN. Fire 5.

**Puerto Asis (3 De Mayo)**

815' SKAS PUU -05:00 N00 30.3 W076 30.0

Apt Administration 4227193. ATC 4227549.

01/19 4790' ASPHALT. PCN 33.11/F/B/X/T. TORA 01 5039'. TODA 01 5367'. ASDA 01 5118'. RL.

Mon: 1500-2359Z. Tue: 0000-0300Z, 1500-1800Z, 1900-2359Z. Wed-Fri: 0000-0200Z, 1500-2359Z. Sat: 0000-0300Z, 1200-1700Z, 1800-2300Z. Sun: 1100-2300Z. ATND SKD Mon: 1100-2359Z; Tue: 0000-0300Z, 1100-2359Z; Wed, Thr, Fri: 0000-0200Z, 1100-2359Z; Sat: 0000-03.

CAUTION: Birds in immediate vicinity of airport.

Jet A-1.

ABN. Fire 5.

**Puerto Berrio (Morela)**

445' SKPR PBE -05:00 N06 27.6 W074 24.6

18/36 4232' TARMAC. PCN 13/F/C/X/T.

SR-SS.

Birds in the vicinity of the airport, use extreme caution.

**Puerto Carreno (German Olano)**

177' SKPC PCR -05:00 N06 11.1 W067 29.6

Apt Administration Fax 5654216. ATC 5654172.

07/25 5906' ASPHALT. PCN 35.95/F/B/X/T. RL.

Caution: Rwy 07/25 pavement in poor condition between taxiway A and Taxiway B.

## COLOMBIA

Mon: 0000-0300Z, 1200-2359Z. Tue: 1500-2359Z. Wed: 0000-0300Z, 1400-2359Z. Thu: 0000-0200Z, 1500-2359Z. Fri: 0000-0300Z, 1300-2359Z. Sat: 0000-0100Z, 1100-2300Z. Sun: 1500-2359Z.

CAUTION: Birds in vicinity of airport.

CAUTION: Presence of trees in takeoff track for Rwy 07.

CAUTION: High voltage power line on left side of Rwy 07/25, between coordinates 06 10 56 N 067 30 05 W and 06 10 56 N 067 30 04 W, height 52' (16 m), approximate distance 673' (205 m) from Rwy 07/25 axis, exercise caution.

CAUTION: High voltage power line on left side of Rwy 25, between coordinates 06 11 16 N 067 29 06 W and 06 11 22 N 067 29 02 W, 52' (16 m) height, approximatedistance 525' (160 m) from Rwy 25 threshold, exercise caution.

F-4, Jet A-1.

Fire 4.

**Puerto Gaitan (Morelia)**

648' SKMO -05:00\* N03 45.0 W071 27.4

18/36 4331' PAVED.

**Puerto Inirida (Cesar Gaviria Trujillo)**

325' SKPD PDA -05:00 N03 51.3 W067 54.4

18/36 6332' ASPHALT. PCN 39/F/B/X/T. TORA 36 6726'. TODA 18 6726'. TODA 36 6726'. ASDA 18 6529'. ASDA 36 6726'.

1100-2300Z. ATND SKD 1100-2300Z.

CAUTION: Birds in vicinity of apt.

F-4, Jet A-1.

Fire N.

**Puerto Leguizamo (Caucaya)**

626' SKLG LQM -05:00 S00 10.9 W074 46.3

12/30 3934' ASPHALT.

SR-SS.

**Quibdo (El Carano)**

204' SKUI UIB -05:00 N05 41.4 W076 38.5

Apt Administration 6711537, 6713323; Fax 6711537. ATC 6719048. Apt Operator (4) 671 15 37; Mobile 3206888594; insplaskui@airplan.aero, opercecoaskui@airplan.aero.

13/31 5906' ASPHALT. PCN 47/F/C/X/U. TORA 13 4593'. LDA 31 4593'. TODA 13 4921'. TODA 31 6398'. RL.

Mon-Fri, Sun: 1100-2359Z. Sat: 0000-0100Z and 1100-2359Z. ATND SKD 1100 - 2300Z.

CAUTION: Birds in vicinity of airport

CAUTION: Pedestrians crossing the RWY.

CAUTION: Obstacle at 432' (131.7m) from RWY center line 13/31, height 32' (10 m).

CAUTION: Antenna 262' (80m) height, located 656' (200m) right side of runwaythreshold 31.

CAUTION: Machinery and personnel on runway strips due to spray works.

Limited Apron, the operation of civil aviation is restricted, not regular, military. All aircraft whose destination is this aerodrome must coordinate previous availability of parking positions.

Unscheduled Acft PPR for a parking or overnight in the Apt. Otherwise can stay at Apt up to 2 hours.

If aircraft on the platform must be relocated, request must be met within 1hr.

In the parking positions, the APU can only be used for a maximum of 10 minutes after coordination with the platform inspector.

F-4, Jet A-1.

ABN. Fire 4.

**Quipama (Furatena)**

3850' SKFR -05:00\* N05 31.6 W074 11.2

16/34 2822' GRAVEL.

ATND SKD SR/SS.

**Rafael Nunez see Cartagena****Remedios (Otu)**

2000' SKOT OTU -05:00 N07 00.6 W074 42.9

## COLOMBIA

17/35 3123' GRAVEL. AUW-12.

SR-SS.

**Reyes Murillo see Nuqui**

**Riohacha (Almirante Padilla)**

43' SKRH RCH -05:00 N11 31.6 W072 55.6

Apt Administration 7273855, 7281122, 7283299; Fax 7273854. ATC 7273855.

10/28 6234' ASPHALT. PCN 96/F/B/X/T. RL.

Rwy 10, first 1969' surface uneven use caution.

1100-2300Z. ATND SKD 1100-2300Z.

CAUTION: Birds in the vicinity of airport.

Jet A-1.

ABN. Fire 5.

**Rionegro (Jose Maria Cordova)** Apt of Entry 6982' SKRG MDE -05:00 N06 09.9 W075 25.4

Apt Administration 4025110; Fax 4025110 EXT 1003. ARO 2874034/4030. Ground Services Mobile 3505848467; insplaskrg@airplan.aero.

01/19 11286' CONC/ASPH. PCN 130/F/C/W/T. TODA 19 11942'. RL. HIALS 01.

H24 ATND SKD H24. Customs: H24.

CAUTION: Birds in vicinity of Rwy 01/19; exercise caution during TkoF and Ldg. CAUTION: Rwy 01/19 presence of pothole first 115' (35 m) from Thr 19, exercise caution.

CAUTION: Works on Rwy 24 hours a day, exercise caution due to the presence of personnel and equipment working.

At holding position for Rwy 19, Acft are requested to apply the minimum thrust when entering runway to avoid damage due to jet blast.

At parking positions the APU may only be switched on for a maximum of 10 minutes after prior coordination with the platform inspector.

F-4, Jet A-1.

ABN. Fire 8.

**San Andres (Gustavo Rojas Pinilla)**

20' SKSP ADZ -05:00 N12 35.0 W081 42.7

Apt Administration Fax 5125392. ARO 5127317. Apt Manager 5123415 - 5129123. Apt Operator Tower 5125386-5127316.

06/24 7792' ASPHALT. PCN 98/F/A/W/T. RL.

CAUTION: Pavement RWY 06 deteriorating.

H24 ATND SKD 1200-0800Z. Customs: 1200-0800Z.

Birds in vicinity of airport

CAUTION: Presence of foreign objects on Taxiway Band platforms.

F-4, Jet A-1.

ABN. Fire 7.

**San Bernardo see Mompos**

**San Jose Del Guaviare (Jorge E Gonzalez)**

613' SKSJ SJE -05:00 N02 34.8 W072 38.4

Apt Administration 5840251; Fax 5840251. ATC 5840270.

01/19 4656' ASPHALT. PCN 15/F/B/X/U. TODA 01 5118'.

1100-2300Z. ATND SKD 1100-2300Z.

CAUTION: Birds in vicinity of airport.

CAUTION: Water tower on Rwy 01 approach, azimuth 154 Deg.

CAUTION: Tall Trees located at 984' (300 m) Thr 19.

CAUTION: High voltage mast. Located at 11407' (3477 m) Rwy 19, in coordinates 02 37 01 N 072 38 09 W, 243' (74 m) height.

F-4, Jet A-1.

Fire 4.

**San Luis see Ipiales**

**San Vicente Del Caguan (Eduardo Falla Solano)**

879' SKSV SVI -05:00 N02 09.1 W074 46.0

Apt Administration 4646264; Fax 4646264. ATC 4646265.

## COLOMBIA

**14/32** 4528' ASPHALT. PCN 38.8/F/D/X/T. TODA 14 5249'. TODA 32 4921'. ASDA 14 4724'. RL.

1100-2300Z. ATND SKD 1100-2300Z.

F-4, Jet A-1.

**Santa Ana see Cartago**

**Santa Marta (Simon Bolivar Intl)** Apt of Entry 22' SKSM SMR -05:00 N11 07.2 W074 13.8 Apt Administration 4381368. ARO 4381370. ATC 4381369. Apt Operator 4381360, 4381361, 4381362, 4381363, 4381364; Fax 4224130.

**01/19** 5577' ASPHALT. PCN 69/F/A/X/T. RL.

1100-0500Z. O/T O/R. ATND SKD 1100-0500Z. O/T O/R. Customs: 1100-0500Z. O/T O/R.

CAUTION: Cars and Pedestrians in landing area and taxiways.

CAUTION: Birds in vicinity of airport.

CAUTION: Recurring helicopter training on Rwy 01/19.

Access to parking stand 1 and 2 via taxiway A only, complying with current and standard taxi regulations, nose to the west of the ramp (Perpendicular to Terminal building).

Aircraft located on parking stand 1 and 2 can taxi out via Twy B, only when parking stand 3 is not in use.

Arrival and departure from parking stand3, exclusively via Twy B.

Rules on noise abatement and protection. For safety reasons and to avoid the high noise level of the aircraft, towing procedures are established:

1. All jet aircraft must be towed from its parking position to the site determined by the control tower.

Mast 60' (18 m) height. Exercise caution on final approach and take-off.

F-4, Jet A-1.

ABN. Fire 6.

**Santiago Perez see Arauca****Santiago Vila see Girardot****Saravena (Colonizadores)**

672' SKSA RVE -05:00 N06 57.0 W071 51.4 Apt Administration Fax 8891016. ATC 8891016.

**16/34** 3937' PAVED. PCN 86/F/A/X/T. LDA 16 2625'.

1100-2300Z. ATND SKD 1100-2300Z.

CAUTION: Birds in vicinity of Apt.

Jet A-1.

**Simon Bolivar Intl see Santa Marta****Sogamoso (Alberto Lleras Camargo)**

8196' SKSO SOX -05:00 N05 40.6 W072 58.2

**05/23** 6158' ASPHALT. PCN 18/F/D/Y/T.

SR-SS.

**Sta Fe De Antioquia**

1540' SKSF -05:00 N06 30.3 W075 49.9

**18/36** 2625' ASPHALT.

**Tablon de Tamara**

1650' SQUJ -05:00 N05 43.6 W072 06.0

**01/19** 4321' DIRT.

**Tame (Gustavo Vargas)**

1241' SKTM TME -05:00 N06 27.1 W071 45.6

Apt Administration 8886060; Fax 8886068.

**07/25** 6562' ASPHALT. AUW-73. RL.

1100-2300Z.

CAUTION: Birds in vicinity of Airport.

Exercise caution in first 1640 ft (500 m) of Rwy 07 for moving personnel.

Jet A-1.

ABN.

## COLOMBIA

**Tibu**

169' SKTB TIB -05:00 N08 38.0 W072 42.0  
**09/27** 4921' ASPHALT.  
SR-SS.

**Tolu (Golfo de Morrosquillo)**

31' SKTL -05:00 N09 30.6 W075 35.2  
Apt Administration 288 53 26; Fax 288 53 26.  
**17/35** 4429' ASPHALT. PCN 18.5F/B/X/T. RL.  
Birds in vicinity of airport.  
CAUTION: Presence of trees, 49' (15 m) height  
at 705' (215 m) from Thr 34.  
CAUTION: Electric towers, 41' (12.5 m) height  
at 482' (147 m) from Thr 34.  
Fire 3.

**Trinidad**

650' SKTD TDA -05:00 N05 25.8 W071 39.5  
**05/23** 3609' TARMAC. AUW-26.  
SR-SS.

**Tulua (Heriberto Gil Martinez)**

3132' SKUL ULQ -05:00 N04 05.7 W076 13.4  
Apt Administration 091 3159800 Ext 3818, 092 2248477.  
**02/20** 3930' PAVED.  
1100-2300Z. ATND SKD 1100-2300Z.  
CAUTION: Control Tower visibility to Rwy 02  
reduced by tall trees. Exercise caution.  
CAUTION: Military and civil aviation in training,  
exercise caution.  
F-4, Jet A-1.  
Fire N.

**Tumaco (La Florida)**

23' SKCO TCO -05:00 N01 48.9 W078 44.9  
Apt Administration 7276537; Fax 7272598.  
ATC 7270487.  
**06/24** 5249' ASPHALT. PCN 23 F/A/X/T.  
1100-2300Z. ATND SKD 1100-2300Z.

CAUTION: Personnel on Rwy 06/24 threshold.

CAUTION: Birds in the vicinity of the airport.

CAUTION: WDI Rwy 24 not visible from control tower.

CAUTION: Antenna 262' (80 m) high on left side of approach path runway 24.

Exercise caution when approaching runway 06 due to dredging works.

Jet A-1.

Fire 4.

**Turbo (Gonzalo Mejia)**

7' SKTU TRB -05:00 N08 04.5 W076 44.5  
**16/34** 3293' TARMAC.  
SR-SS.

**Urrao**

5773' SKUR -05:00\* N06 20.0 W076 10.0  
**14/32** 2625' GRAVEL. PCN 6/F/A/X/T.  
ATND SKD 1100-2300 UTC.

**Valledupar (Alfonso Lopez Pumarejo)**

485' SKVP VUP -05:00 N10 26.1 W073 15.0  
Apt Administration 5823232, 5824616.  
5729469. ARO 5716106. ATC 5821264.  
**02/20** 6890' ASPHALT. PCN 68 F/B/X/T. RL.  
1030-0400Z ATND SKD 1030-0400Z.  
CAUTION: Birds in the vicinity of the airport.  
CAUTION: Tower visibility reduced in sector Echo.  
CAUTION: Presence of kites in the vicinity of the airport.  
CAUTION: obstacles on approach and departure.  
F-4, Jet A-1.  
ABN. Fire 6.

**Vanguardia see Villavicencio****Villa Garzon (Cananguchal)**

1240' SKVG VGZ -05:00 N00 58.9 W076 36.2

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**COLOMBIA**

**17/35** 4872' ASPHALT. PCN 38/F/C/X/T. TODA  
17 5856'.  
SR-SS.

**Villavicencio (Vanguardia)**

1381' SKVV VVC -05:00 N04 10.1 W073  
36.9

Apt Administration 6648511; Fax 6648535.  
ARO 6648134. ATC 6648237.

**05/23** 6365' ASPHALT. PCN 43 F/B/X/T. TORA  
05 6562'. TODA 05 6775'. ASDA 05 6562'. RL.

Mon-Wed and Sat-Sun 1100-2300Z. Thu  
1100-2359Z. Fri 0000-0100Z, 1100-2300Z.  
ATND SKD 1100-2300Z.

Exercise caution for concentration of bird in  
vicinity of Rwy.

Aerodrome available for night operations, prior  
authorization required from the Directorate of  
Air Navigation Services.

F-4, Jet A-1.

ABN. Fire 6.

**Yariguies see Barrancabermeja**

## ECUADOR

**Ahuano (Jumandy)**

1234' SEJD -05:00 S01 03.6 W077 34.8

Apt Administration 6 2999134. 6 2999150.

**09/27** 8202' PAVED. PCN 72/F/D/W/T. TODA 09 9186'. HIRL.

SR-SS.

ABN. Fire 5 SR-SS.

**Ambato (Chachoan)**

8501' SEAM ATF -05:00 S01 12.7 W078 34.5

Apt Administration 32854381. 3 2450819.

**01/19** 6316' ASPHALT. S 30, D-38.

SR-SS.

Obstruction located at 2953 ft from Rwy 01.

Fire N.

**Balra I Galapagos Is (Seymour)**

207' SEGS GPS -06:00 S00 27.2 W090 15.9

Apt Administration 5 3015369; Fax 5 3015369.

**14/32** 7874' PAVED. PCN 65/F/D/X/U. ASDA 14 8268'. ASDA 32 8202'. HIRL. HIALS 14.

SR-SS.

CAUTION: Bird concentration in the vicinity of Rwy 14 approach and Rwy 14/32. Contact tower control for instructions.

Fire 8.

**Catamayo (Ciudad de Catamayo)**

4058' SECA -05:00 S03 59.7 W079 22.3

Apt Administration 7 2677310.

**07/25** 6102' PAVED. PCN 50/F/D/Y/U.

SR-SS. ATND SKD SR-SS.

Jet A-1.

Fire 6 SR-SS.

**Chachoan see Ambato****Chimborazo see Riobamba****Ciudad de Catamayo see Catamayo****Coca (Francisco De Orellana)**

833' SECO OCC -05:00 S00 27.5 W076 59.4

Apt Administration 6 2883518. 6 2880185.

**16/34** 7546' ASPHALT. PCN 39/F/C/Y/T. TODA 16 7874'. TODA 34 7874'. HIRL. HIALS 16.

SR-SS.

CAUTION: Birds in vicinity of Airport.

Prohibited 180 Deg turns on Rwy.

ABN. Fire 6 SR-SS.

**Coronel Carlos Concha Torres see Tachina****Cotopaxi Intl Alternative see Latacunga****CrnI. E. Carvajal see Macas****Cuenca (Mariscal Lamar)**

8307' SECU CUE -05:00 S02 53.4 W078 59.1

Apt Administration 7 2862203/ 2806709. 7 2871776.

**05/23** 6234' PAVED. PCN 35/F/C/X/U. HIRL. ALS 23.

Sat-Thu, 1100-0230Z; Fri, 1100-0300Z. ATND

SKD Sat-Thu, 1100-0230Z; Fri, 1100-0300Z.

Customs: Mon-Fri, 1300-1730Z and 1830-2200Z.

Jet A-1.

ABN. Fire 6 Sat-Thu, 1100-0230Z; Fri, 1100-0300Z.

**Cumbaratza**

2871' SEBZ -05:00 S04 01.1 W078 53.2

**05/23** 4659' PAVED. PCN 14/F/D/Y/U.

Fire N.

**El Carmen see Montalvo****Eloy Alfaro Intl see Manta****Francisco De Orellana see Coca****Gen Ulpiano Paez see Salinas**



## ECUADOR

**Gualaquiza (Mario Madero Jaramillo)**

2640' SEGZ -05:00 S03 25.0 W078 33.0

**15/33** 6601' ASPHALT.

ATND SKD SR-SS.

**Guayaquil (Jose Joaquin de Olmedo Intl)**

Apt of Entry

18' SEGU GYE -05:00 S02 09.5 W079 53.0

Apt Administration 4 2169000; Fax 4 2169100;  
direcciongye@tagsa.aero. 4 2925145.**03/21** 8806' PAVED. PCN 87/F/C/W/T. TORA  
21 9154'. LDA 03 8465'. LDA 21 8356'. TODA  
21 9154'. ASDA 21 9439'. HIRL.

H24 ATND SKD H24. Customs: H24.

Birds in vicinity of airport.

F-3, Jet A-1.

ABN. Fire 9 H24.

**Isla Isabela**

36' SEII -06:00 S00 56.6 W090 57.2

Apt Administration 5 2529111; Fax 5 2529111.

**17/35** 4921' ASPHALT. PCN 31/F/A/X/T. ASDA  
17 5118'. ASDA 35 5128'.

Fire 1.

**Jose Joaquin de Olmedo Intl see Guayaquil****Jose Maria Velasco Ibarra see Macara****Jumandy see Ahuano****Lago Agrio see Nueva Loja****Latacunga (Cotopaxi Intl Alternative)** Apt of  
Entry9206' SELT LTX -05:00 S00 54.4 W078  
36.9Apt Administration 3 2385473; arpto.coto-  
paxi@aviacioncivil.gob.ec. 3 2385230.**01/19** 11946' PAVED. PCN 76/F/A/W/T. LDA  
19 10499'. TODA 19 12930'. HIRL. ALS 19.

H24 ATND SKD H24. Customs: H24.

CAUTION: 148 ft (45 m) antenna erected 4900  
m/2.7 nm from thrs rwy 18, coords S00 50 36/  
W078 36 07.

Jet A-1.

ABN. Fire 8 H24.

**Los Perales see San Vicente****Macara (Jose Maria Velasco Ibarra)**1508' SEMA MRR -05:00 S04 22.7 W079  
56.5

Apt Administration 593 7 694093.

**01/19** 3412' ASPHALT. SIWL 15.

ATND SKD SR-SS.

**Macas (Crnl. E. Carvajal)**3451' SEMC XMS -05:00 S02 17.9 W078  
07.2

Apt Administration 7 2700258.

**02/20** 8202' PAVED. D-112, DT 170, S 95.

SR-SS. ATND SKD Mon-Fri, 1300-2130Z.

180 Deg turns on Rwy 02/20 prohibited.

It is extremely prohibited to perform right traffic  
circuit for RWY 20 and left traffic circuit for  
RWY 02, excepting of helicopters and ultra-  
lights ACFT, inspection flights of the DGAC.

Jet A-1.

Fire 5.

**Manta (Eloy Alfaro Intl)** Apt of Entry

49' SEMT MEC -05:00 S00 56.8 W080 40.7

Apt Administration 5 2380839;  
arpto.manta@aviacioncivil.gob.ec. 5 2380857.**06/24** 9390' PAVED. PCN 71/F/C/W/T. TODA  
06 10345'. TODA 24 9859'. ASDA 06 10345'.  
ASDA 24 9859'. HIRL. ALS 24.

H24 ATND SKD H24. Customs: H24.

CAUTION: Bird hazard.

Jet A-1.

Fire 6.

**Mario Madero Jaramillo see Gualaquiza**

## ECUADOR

**Mariscal Lamar** see Cuenca

**Mariscal Sucre Intl** see Quito

**Montalvo (El Carmen)**

960' SEMO -05:00 S02 04.0 W076 58.0

**08/26** 4593' PAVED. D-49, DT 75, S 34.

ATND SKD SR-SS.

**Nueva Loja (Lago Agrio)**

983' SENL LGQ -05:00 N00 05.5 W076 52.2

Apt Administration 6 2830442; Fax 6 2830442.

**06/24** 7566' PAVED. PCN 50/F/C/X/T. HIRL.

SR-SS.

CAUTION: Birds in vicinity of airport.

180 degree turns on runway prohibited.

ABN. Fire 6 SR-SS.

**Quito (Mariscal Sucre Intl)** Apt of Entry

7910' SEQM UIO -05:00 S00 07.4 W078 21.3

Apt Administration 2 3954200, 3954300. 2 3947255.

**18/36** 13445' PAVED. PCN 76/F/B/W/T. HIRL.

H24 ATND SKD H24. Customs: H24.

Birds in vicinity of airport.

Aircraft stand 81 for B748 or lower.

Aircraft stand 84 for B744 or lower.

Aircraft stand 84A for B748 or lower.

Jet A-1.

ABN. Fire 9.

**Rio Amazonas** see Shell

**Riobamba (Chimborazo)**

9150' SERB -05:00 S01 39.2 W078 39.4

Apt Administration 3 2960933. 3 2960933.

**06/24** 5249' PAVED. DW 38, SIWL 30.

Fire N.

**Salinas (Gen Ulpiano Paez)**

20' SESA SNC -05:00 S02 12.3 W080 59.1

Apt Administration 4 2770672; Fax 4 2770672.  
4 2772400 Ext 2362.

**08/26** 3501' PAVED. PCN 40/F/C/X/U. TODA 26 4157'.

**13/31** 7976' PAVED. PCN 40/F/C/X/U. TODA 13 9124'. ASDA 13 8632'. HIRL. HIALS 31.

1100-0300Z ATND SKD 1100-0300Z.

Takeoff Rwy 26 authorized only for aircraft with MAX takeoff weight of 12566 Lb(5700 KG).

F-3, Jet A-1.

ABN. Fire 6 1100-0300Z.

**San Cristobal**

63' SEST SCY -06:00 S00 54.6 W089 37.0

Apt Administration 5 2520350. 5 2520350.

**17/35** 6037' ASPHALT. PCN 58/F/D/Y/T. TODA 17 6529'. TODA 35 6332'.

SR-SS.

Birds in vicinity of airport.

Fire 6 SR-SS.

**San Vicente (Los Perales)**

10' SESV BHA -05:00 S00 36.5 W080 24.2

Apt Administration 5 2674042, 5 2674238.

**15/33** 6755' PAVED. PCN 17/F/C/Y/U. LDA 33 5771'. ASDA 15 7067'.

AD not controlled. Auth Mil Opr. PPR for civil Opr.

Fire 1 Mon-Fri 1300-2130Z.

**Santa Rosa (Santa Rosa Regl)**

23' SERO -05:00 S03 26.2 W079 59.0

Apt Administration 7 3903460. 7 2947005 Ext 1005.

**07/25** 8104' PAVED. PCN 60/F/D/Y/U. TODA 07 8760'. TODA 25 9088'. HIRL.

**09/27** 2986' ASPHALT. TODA 09 3314'. TODA 27 3314'.

1100-0200Z. ATND SKD 1100-0200Z.

Birds on and in the vicinity of the airport. Contact tower for instructions.

## ECUADOR

Airport rescue and fire fighting equipment available on Rwy 07/25 only.

Jet A-1.

ABN. Fire 6 1100-0200Z.

**Seymour see Baltra I Galapagos Is****Shell (Rio Amazonas)**

3464' SESM PTZ -05:00 S01 30.3 W078 03.7

Apt Administration 3 2795229, 3 2795244.

**12/30** 4879' ASPHALT. PCN 31/F/D/Y/U. TODA 12 5535'. TODA 30 5535'.

SR-SS. ATND SKD SR-SS.

Birds in vicinity of airport.

Jet A-1.

Fire 5 SR-SS.

**Sucua**

3117' SESC SUQ -05:00 S02 28.3 W078 10.2

**17/35** 3281' GRAVEL.

ATND SKD SR-SS.

**Tachina (Coronel Carlos Concha Torres)**

33' SETN ESM -05:00 N00 58.7 W079 37.6

Apt Administration 2991642, 593 6 2991641. 593 6 2991642.

**01/19** 8373' PAVED. PCN 52/F/D/W/T. HIRL.

SR-SS ATND SKD SR-SS.

Birds in vicinity of AD.

180 degree turns prohibited on runway.

Jet A-1.

ABN. Fire 6 SR-SS.

**Taisha**

1500' SETH TSC -05:00 S02 22.4 W077 30.2

**17/35** 3609' GRAVEL.

ATND SKD SR-SS.

**Tarapoa**

814' SETR TPC -05:00 S00 07.4 W076 20.3

**12/30** 5150' PAVED. PCN 13/F/C/X/T. RL.

ATND SKD SR-SS.

**Tcnel Luis A Mantilla see Tulcan****Tiputini**

1000' SETI TPN -05:00 S00 47.2 W075 31.1

**08/26** 3609' DIRT.

ATND SKD SR-SS.

**Tulcan (Tcnel Luis A Mantilla)**

9649' SETU TUA -05:00 N00 48.6 W077 42.5

Apt Administration 6 2980555; Fax 6 2983762. 6 2980555.

**06/24** 7884' PAVED. PCN 41/F/A/Y/T.

Mon-Fri 1300-2130Z.

Do not mistake for El Rosal-Tcnel Mantilla Apt.

Fire 5 Mon-Fri 1300-2130Z.

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**FALKLAND IS.**
**Mount Pleasant**

233' EGYPT MPN Mil. -04:00\* S51  
49.3 W058 27.4

Apt Operator 94 130 4030(mil), 500 74030(civ);  
Fax 94 130 4368(mil), 500 72164(civ); BFSAL-  
FLK-HQ-JOC-GROUP@mod.uk.

**05/23** 5003' ASPH/CONC. LCG IV,  
PCN 37/F/C/W/T. TODA 05 5049'. TODA 23  
5607'. ASDA 05 5078'. ASDA 23 5594'.  
HIRL. HIALS.

Rwy 05 Right-Hand Circuit.

**10/28** 8497' ASPH/CONC. PCN 90/F/C/W/T,  
LCG II. TODA 10 9842'. TODA 28 9937'. ASDA  
10 9088'. ASDA 28 9088'. HIRL. HIALS.

Rwy 10 Right-Hand Circuit.

PPR 24hr. Customs: By operational require-  
ments.

Jet A-1, Jet A-1+, JP-5. JASU.

Fire 8.

## FRENCH GUIANA

**Cayenne (Cayenne Felix Eboue)** Apt of Entry

26' SOCA CAY -03:00 N04 49.2 W052 21.7  
 Apt Administration 0(594) 29 96 00 / 0(594)29 97 00; Fax 0594-29-97-03. 0594 35 35 36, 0596 57 23 25.

**08/26** 10499' ASPHALT. PCN 58/F/C/W/T. TODA 08 11155'. HIRL. ALS 08.

Rwy 08 Right-Hand Circuit.

H24 ATND SKD 0930-2359Z, O/T and for non scheduled flights PPR 24 hr. Customs: Customs: 1300-0200Z. Possible extension for scheduled flights. Police/Immigration: H24.

From 0000-1000Z PPR PN 48 hr by fax for all acft departing or arriving. This rule does not apply to medical flights, state flights and flights including Cayenne Felix Eboue as an alternate AD.

Permission requested for engine start up IFR and VFR flights.

Taxiway E is not available for aircraft with wing-span greater than 171ft (52m)

Special attention is required on taxiway M. The width is between 68ft (20.8m) and 69ft (21.1m), instead of the 75ft (23m) required.

**NOISE ABATEMENT PROCEDURES:**

Avoid overflying the town of MATOURY.

Use of RWY (all types of ACFT): except for operational reasons, from 2300 to 0900 UTC, in light traffic and calm wind conditions, RWY 08 is preferential for LDG and RWY 26 for TKOF.

VFR TKOF on RWY 08/26, follow RWY axis until crossing the end of RWY, except on TWR clearance.

Grass strip reserved for training of home based helicopter in Guiana.

Traffic circuit: south of RWY only.

Apt not available except emergency due to staff shortage 0100-1100Z.

U circuit forbidden north of rwy.

Parachute and aerobatic activity in vicinity of airport.

Night VFR aeroplane is restricted.

F-3, Jet A-1.

Fire 9 CAT 9: 1600-0200Z. CAT 7: Mon-Sat 0930-1600. CAT 5: 0200-0930Z; Sun 0930-1600Z.

**Cayenne Felix Eboue see Cayenne****Grand Santi**

185' SOGS -03:00 N04 17.0 W054 22.9

Apt Administration 0594 28 20 20, 0594 30 06 00, 0694 38 15 67, 0694 96 65 22; Fax 0594 30 91 20; aerodrome.grand-santi@ctguyane.fr. 0594 35 35 35; Fax 0594 35 60 89.

**09/27** 3281' PAVED. PCN 9/R/C/W/T.

Fire 2 CAT 2: Mon-Wed 1200-2000Z; Tue, Thu, Sat 1200-1600Z; Fri 1200-2100Z; Sun 1600-2000Z. CAT 1: O/T.

**Maripasoula**

377' SOOA -03:00\* N03 39.4 W054 02.2

Apt Administration 0594 28 20 20, 0594 30 06 00, 0694 38 15 67, 0694 95 07 19, 0694 95 65 24; Fax 0594 30 91 20; aerodrome.maripasoula@ctguyane.fr. 0594 35 35 35; Fax 0594 35 60 89. Apt Operator 0694 28 52 72, 0694 95 65 24.

**07/25** 3888' CONCRETE. PCN 12 R/D/W/T. TODA 07 4058'. TODA 25 4085'.

Rwy 07 Right-Hand Circuit.

Wildlife strike hazard - random (only provided for commercial flights PN 24hr to AD operator).

Avoid overflying Suriname.

Crosswind limitations: 20 kt on dry rwy, 10 kt on wet rwy.

Aircraft parking behind RFSS building access road prohibited.

Taxiing prohibited except on Rwy and Twy.

## FRENCH GUIANA

Not home based ACFT are subject to PPR to AD operator 48HR before arrival at aerodrome by TEL or email.

Fire 4 CAT 4: Mon, Wed, Fri 1130-2130Z; Tue, Thu, Sat 1130-2100Z; Sun 1230-2130Z. CAT 1: O/T.

**Saul**

703' SOOS XAU -03:00 N03 36.8 W053 12.2

Apt Administration 0594 28 20 20, 0594 30 06 00, 0694 38 15 67, 0694 95 94 26; Fax 0594 30 91 20; aerodrome.saul@ctguyane.fr. 0594 35 35 35; Fax 0594 35 60 89.

**04/22** 3704' GRAVEL. AUW-18. Rwy 04 Take-off not allowed. Rwy 22 Landing not allowed.

Aerodrome reserved:

- Beforehand, only for pilots having really used the AD under a pilot instructor monitoring who qualified them able to use it.
- For ACFT providing domestic flights in Guiana.
- For ACFT providing determined flying activities in Guiana.
- For ACFT based in Guiana.
- Except for other ACFT or pilots granted by head of AVA.

For any commercial flight from or to this aerodrome with an aircraft for which a terrain awareness and warning system (TAWS) is required (CAT.IDE.A.150 of regulation (EU) No 965/2012 laying down technical requirements and

administrative procedures related to air operations), this system has to be in working order and used in accordance with the manufacturer's instructions.

Take-off Rwy 04 prohibited.

Landing Rwy 22 prohibited.

Taxiing prohibited except on RWY and TWY.

Parking of non home-based aircraft is subject to PPR from AD operator 48 hours before arrival at aerodrome via TEL or email.

Fire 2 Level 2: Mon, Wed 1130-1400Z, 1730-2000Z; Tue, Thu 1130-1400Z, 1830-2100Z; Fri 1130-1800Z; Sun 1700-1900Z. Level 1 outside these scheduled hrs.

**St Georges De L'Oyapock**

36' SOOG OYP -03:00 N03 53.6 W051 48.3

Apt Administration 0594 28 20 20, 0594 30 06 00; Fax 0594 30 91 20.

**04/22** 3937' CONCRETE. AUW-11. TODA 04 4757'. TODA 22 4429'. ASDA 04 4757'. ASDA 22 4429'.

Rwy 22 Right-Hand Circuit.

Fire 1.

**St-Laurent-Du-Maroni** Apt of Entry

19' SOOM LDX -03:00 N05 29.0 W054 02.1

Apt Administration 0594 28 20 20, 0594 30 06 00, 0594 34 07 82, 0694 38 15 67, 0694 98 66 24; Fax 0594 30 91 20; aerodrome.saintlaurent@ctguyane.fr.

**04/22** 3238' PAVED. PCN 19/F/C/W/T.

Customs.

Fire 2 CAT 2: Mon, Wed, Fri 1200-2000Z; Tue, Thu, Sat 1200-1600Z; Sun 1600-2000Z. CAT 1: O/T.

**GUYANA**
**Aishalton**

591' SYAH AHL -03:00\* N02 28.4 W059 19.3

**06/24** 3002' GRAS/ASPH. AUW-60.

ATND SKD SR-SS.

**Annai**

304' SYAN NAI -03:00\* N03 57.5 W059 07.5

**06/24** 3199' GRASS. AUW-60.

ATND SKD SR-SS.

**Apoteri**

305' SYAP -03:00\* N04 00.9 W058 36.2

**06/24** 3845' GRASS. AUW-12.

ATND SKD SR-SS.

**Awaruwaunau**

801' SYAW -03:00\* N02 38.9 W059 11.7

**09/27** 3002' GRASS. AUW-12.

ATND SKD SR-SS.

**Cheddi Jagan Intl see Georgetown**
**Ebini**

151' SYEB -03:00\* N05 34.1 W057 46.7

**09/27** 5000' BITU/SAND. AUW-12.

ATND SKD SR-SS.

**Eugene F. Correia Intl see Georgetown**
**Georgetown (Cheddi Jagan Intl)** Apt of Entry

96' SYCJ GEO -03:00\* N06 29.9 W058 15.3

Apt Administration 592 261 - 2244; Fax 592 261 - 2244.

**06/24** 7448' ASPHALT. PCN 66/F/A/X/T.

**11/29** 5003' CONCRETE.

ATND SKD 1100-0300 UTC. Extension 4 hr PN. Call out 24 hr PN. Customs: H24.

Taxiway G is restricted to Acft with a maximum AUW of 1500 lbs/6804 kg.

Taxiway D is operational between sunrise and sunset and to aircraft with a max AUW of 12,500 lbs(5670 kg) or less.

When a B767 is parked on temporary stand located Southwest of Position 4 on the international apron, Twy A between the apron and Twy C shall be closed to all other Acft. Movement of Acft to and from the Apron shall be via Twy B.

Acft accessing stands 1, 2 and 3 must shut down engines on apron taxi lane and be towed to parking stands. Operators are required to provide marshalls for this operation.

Taxiway Hotel closed between taxiway Golf and GDF access strip.

Taxiway Golf closed.

F-4, Jet A-1. Oxygen.

ABN. Fire 8.

**Georgetown (Eugene F. Correia Intl)** Apt of Entry

2' SYEC -03:00 N06 48.4 W058 06.5

Apt Administration (592) 222-4132; Fax (592) 222-4132; ogleairport@gol.net.gy.

**07/25** 4201' CONCRETE. PCN 14/R/B/X/T. TODA 07 4716'. TODA 25 4716'. ASDA 07 4398'. ASDA 25 4398'.

TWR 1000-0200Z. 0200-1000Z 2hr PNR. ATND SKD 0900-0200Z. Customs: 0900-0200Z VFR after Sunset arrivals may be approved for flights which are occasioned by urgent and unforeseen circumstances.

F-3, Jet A-1.

ABN. Fire 5.

**Imbaimadai**

1650' SYIB IMB -03:00\* N05 42.3 W060 17.9

**06/24** 3999' LATE/GRVL. AUW-46.

ATND SKD SR-SS.

**Kamarang**

1601' SYKM KAR -03:00\* N05 51.8 W060 37.0

**07/25** 3999' SLD. AUW-46.

ATND SKD SR-SS.

**GUYANA**
**Karanambo**

302' SYKR KRM -03:00\* N03 45.1 W059 18.6

**07/25** 4501' CLAY/GRAS. AUW-46.  
ATND SKD SR-SS.

**Kato**

2230' SYKT KTO -03:00\* N04 39.1 W059 49.7

**07/25** 3999' SLD. AUW-46.  
ATND SKD SR-SS.

**Kurukabaru Guyana (Kurukabaru)**

3199' SYKK -03:00\* N04 42.8 W059 54.7

**05/23** 3501' CLAY. AUW-12.  
ATND SKD SR-SS.

**Lethem**

351' SYLT LTM -03:00\* N03 22.1 W059 47.8

**07/25** 6201' BITU/SLD. AUW-115.  
ATND SKD SR-SS. Customs: SR-SS.

**Linden**

180' SYLD -03:00\* N05 58.0 W058 16.2

**10/28** 4400' BITUMEN. AUW-46.  
ATND SKD SR-SS.

**Lumidpau**

551' SYLP LUB -03:00\* N02 23.7 W059 26.4

**12/30** 3999' CLAY/GRAS. AUW-46.  
ATND SKD SR-SS.

**Mahdia**

276' SYMD MHA -03:00\* N05 16.6 W059 09.1

**17/35** 3501' GRAS/GRVL. AUW-12.  
ATND SKD SR-SS.

**Mountain Point Guyana (Mountain Point)**

400' SYMP -03:00\* N03 00.0 W059 38.0

**08/26** 3999' GRASS. AUW-12.

ATND SKD SR-SS.

**Orinduik**

1801' SYOR ORJ -03:00\* N04 43.6 W060 02.0

**03/21** 3501' SAND/CLAY. AUW-12.

ATND SKD SR-SS.



**PARAGUAY**

**Asuncion (Silvio Pettirossi Intl)** Apt of Entry  
290' SGAS ASU -04:00\* S25 14.5 W057 31.0

Apt Administration 21 645 600 RA, 21 645 601 EXT 5; Fax 21 646 098.

**02/20** 10997' ASPHALT. PCN 55/F/C/W/U. HIALS 20.

H24. ATND SKD H24. Customs: H24.

F-4, Jet A-1.

ABN. Fire 8.

**Augusto Roberto Fuster Intl see Pedro Juan Caballero**

**Bahia Negra**

344' -04:00\* S20 13.0 W058 10.0

**18/36** 3281' DIRT.

ATND SKD SUNISE TO SUNSET.

**Cap. Pam Walter Gwynn see Coroneloviedo**

**Concepcion (Ten. Crl. P.A.M. Carmelo Peral)**

249' SGO -04:00\* S23 26.4 W057 25.8

Apt Administration (595-0331) 242905.

**03/21** 6070' ASPHALT. MTOW-13. RL.

O/R. Customs: O/R

**Coroneloviedo (Cap. Pam Walter Gwynn)**

141' SGOV -04:00\* S25 31.0 W056 24.4

Apt Administration (0521) 201 490.

**03/21** 4921' ASPHALT. AUW-13.

SR-SS.

**Encarnacion (Ten. Amin Ayub G Intl)**

653' SGEN ENO -04:00\* S27 13.3 W055 50.1

Apt Administration 595 - 021-338-0018; Fax 595 - 021-338-0011.

**02/20** 6562' ASPHALT. PCN 50/F/B/X/T. MIRL.

H24. Customs: O/R

Fire 2 CAT 5 available O/R.

**Fernhein see Filadelfia**

**Filadelfia (Fernhein)**

456' SGFI -04:00\* S22 22.0 W060 03.0

Apt Administration 0912211.

**18/36** 4364' DIRT.

SR-SS.

**Guarani**

849' -04:00\* S25 27.2 W054 51.6

**05/23** 11155' ASPHALT. PCN 66/F/C/X/T.

ATND SKD H24.

**Guarani Intl see Minga Guazu**

**Hernandarias (Itaipu)**

745' SGIB -04:00\* S25 24.5 W054 37.2

Apt Administration 061-5998801.

**03/21** 4987' ASPHALT. RL.

1000-0400Z. O/T O/R.

Night aircraft operations are not allowed.

No commercial, scheduled or cargo aircraft permitted at any time.

**Itaipu Intl see Hernandarias**

**Itapua (Jose Maria Argana)**

876' SGMZ -04:00\* S26 50.4 W055 19.7

**16/34** 3609' GRASS.

SR-SS.

**Jose Maria Argana see Itapua**

**Loma Plata**

430' SGLP -04:00\* S22 21.6 W059 50.3

Apt Administration 0986 219 102.

**N/S** 5906' DIRT.

ATND SKD SR-SS.

Airport available for nighttime VFR operations.

F-4.

ABN.

**PARAGUAY**
**Mariscal Estigarribia (Prof Dr Pac Luis Maria Argana)**

554' SGME ESG -04:00\* S22 01.8 W060 37.4

Apt Manager 0494-247220; Fax 595-21645600.

**01/19** 11493' CONCRETE. RL.

H24 AFIS. ATND SKD O/R. Customs: O/R. 24h PNR.

ABN.

**Minga Guazu (Guarani Intl)**

846' SGES AGT -04:00\* S25 27.3 W054 50.5

Apt Administration 595- 061 5973102, 595-0615973000; Fax 0615973129. 061 5973600. ATC 061 5973128.

**05/23** 11119' ASPHALT. PCN 66/F/C/X/T. RL. ALS 23.

H24 ATND SKD H24. Customs: H24

Birds in the vicinity of Rwy 05/23.

ABN and TWY edge lighting installed for medical evacuation and emergency in-flight aircraft only.

Parachute Jumping Exercise will take place in AP INTL Guarani (coords: S252714.64 W0545012.24, radius 001NM, from GND to FL085, SR-SS).

F-4, Jet A-1.

ABN. Fire 7.

**Pedro Juan Caballero (Augusto Roberto Fuster Intl)**

1851' SGPJ PJC -04:00 S22 38.5 W055 49.9

Apt Administration (595-0336) 272366.

**03/21** 5906' ASPHALT. PCN 61/F/B/X/T. RL.

H24 ATND SKD O/R. Customs: O/R.

F-4.

ABN. Fire 6.

**Pozo Colorado**

400' -04:00\* S23 26.5 W058 51.2

**18/36** 3773' DIRT.

ATND SKD SR-SS.

Fire U.

**Prof Dr Pac Luis Maria Argana Intl see Mariscal Estigarribia**
**Santa Teresa**

582' SGST Mil. -04:00\* S22 37.4 W056 38.1

Apt Administration 449755.

**02/20** 5906' ASPHALT. RL.

SR-SS.

**Sargento De Aviacion Nicolo Bo see Villa Hayes**
**Silvio Pettirossi Intl see Asuncion**
**Ten. Amin Ayub G Intl see Encarnacion**
**Ten. Crl. P.A.M. Carmelo Peralta Intl see Concepcion**
**Villa Hayes (Sargento De Aviacion Nicolo Bo)**

216' SGNB -04:00\* S25 09.3 W057 33.6

**01/19** 3215' GRAVEL.

SR-SS.

**PERU**
**Alerta**

800' SPAR ALD -05:00 S11 41.0 W069 20.0  
**08/26** 4003' CLAY.

Days.

**Alferez David Figueroa Fernandini see  
 Huanuco**

**Andahuaylas**

11706' SPHY ANS -05:00 S13 42.5 W073  
 21.1

**03/21** 8202' ASPHALT. PCN 28/F/C/X/T.

1100 - 2300Z.

Fire 6.

**Andoas**

728' SPAS -05:00 S02 47.8 W076 28.0

**12/30** 6749' ASPHALT. PCN 27/F/D/X/T. ALS  
 12.

SR-SS.

F-4, Jet A-1.

Fire 6.

**Anta Huaraz (Comandante German Arias  
 Grazzi)**

9097' SPHZ ATA -05:00 S09 20.8 W077  
 35.9

**16/34** 10007' ASPHALT. PCN 22/F/C/Y/T.

Mon - Sat, 1300-2100Z and O/R.

Daytime VFR operations only.

Take-off Rwy 34.

Fire 5.

**Arequipa (Rodriguez Ballon)**

8400' SPQU AQP -05:00 S16 20.4 W071  
 34.2

Apt Administration (054) 443459 - (054)  
 443464; Fax (054) 443460; atencional-  
 cliente@aap.com.pe. Apt Manager (054)  
 344834; Mobile 942174403;  
 seg.aqp@aap.com.pe.

**10/28** 9777' ASPHALT. PCN 39/F/B/X/T. LDA  
 28 8301'. ASDA 10 9974'. ASDA 28 9974'.  
 HIALS 10.

H24 ATND SKD 1100-0300Z. Customs:  
 1100-0300Z.

Non-scheduled operators, civil or military  
 should coordinate their flight plans 24 hours in  
 advance with the airfield administrator.

Jet A-1.

ABN. Fire 7.

**Atalaya**

751' SPAY -05:00 S10 43.7 W073 46.0

**04/22** 4921' ASPHALT. PCN 27/F/A/X/T.

Mon-Sat: 1300-2100Z.

Birds in vicinity of airport.

Take Off Rwy 04 Landing Rwy 22.

Due to no visual for the landing and takeoff  
 area for Rwy 04 and Rwy 22, pilots must exer-  
 cise caution when landing and taking off.

Flight information service only, only daytime  
 operations and in visual conditions.

Fire 1.

**Atico**

40' SPOY -05:00 S16 14.0 W073 36.4

**12/30** 3937' GRAVEL.

SR-SS.

Fire C.

**Ayacucho (Col Alfredo Mendivil Duarte)**

8999' SPHO AYP -05:00 S13 09.3 W074  
 12.3

Apt Administration aypcoordinacio-  
 nesfpl@aap.com.pe.

**02/20** 9186' ASPHALT. PCN 52/F/B/X/T.

1100-2300Z.

VFR only.

Non-scheduled operators, civil or military  
 flights, should coordinate flight plans 24 hours

## PERU

before ETD with the airport administration via email.

All aircraft arriving Ayacucho airport will continue taxiing to the end of the RWY to make a 180° and vacate RWY.

F-4.

Fire 5.

**Bolognesi**

630' SPBL -05:00 S10 01.8 W073 56.6

09/27 3609' DIRT/GRVL. AUW-13.

Fire 1.

**Caballococha**

328' SPBC -05:00 S03 56.0 W070 30.0

12/30 7874' CLAY.

SR-SS.

**Cajamarca (Gen Armando Revoredo Iglesias)**

8848' SPJR CJA -05:00 S07 08.4 W078 29.4

16/34 8202' ASPHALT. PCN 47/F/C/X/T. ASDA 16 8399'. ASDA 34 8399'.

1100-2300Z.

Takeoff RWY 16, LNDG RWY 34.

Fire 7.

**Cap Carlos Martinez De Pinillos Intl see Trujillo****Cap FAP David Armando Abensur Rengifo Intl see Pucallpa****CAP FAP Guillermo del Castillo see Tarapoto****Capitan Alvarino see San Ramon****Capitan Montes Intl see Talara****Capt FAP J A Quinones Gonzalez INTL see Chiclayo****Capt Guillermo Concha Iberico see Piura****Chachapoyas**

8333' SPPY CHH -05:00 S06 12.1 W077 51.4

13/31 6496' ASPHALT. PCN 25/F/C/X/T. ASDA 13 6693'. ASDA 31 6693'.

Mon - Sat, 1300 - 2100Z.

Fire 5.

**Chiclayo (Capt FAP J A Quinones Gonzalez)**

Apt of Entry

97' SPHI CIX -05:00 S06 47.2 W079 49.7

Apt Administration (074) 236016, (074) 236040; aeropuerto.dechiclayo@adp.com.pe. ATC

(074) 229059, (074) 273667. Apt Manager Mobile 979088333; katia.elespuro@adp.com.

01/19 8202' ASPHALT. PCN 43/F/C/X/T. ASDA 01 8399'. ASDA 19 8399'. HIRL. ALS 19.

H24. ATND SKD 1200 - 0300Z O/T O/R. Customs: H24.

Birds in vicinity of airport.

Restriction for taxing on apron with two aircraft B737 or heavier, to Alfa or Bravo1 taxiway, due to collision risk.

Aircraft landing Rwy 19 must taxi to the end of Rwy continue to taxiway D (east side) until the intersection of taxiway C or D, to cross the primary runway and then to the platform via the taxiway A or B-1. Pilots must coordinate with the control tower.

180 deg. turns are prohibited on Rwy 19 to avoid damage to Rwy asphalt, coordinate turn around with tower control.

Jet A-1.

ABN. Fire 8.

**Chimbote (Tte Fap Jaime De Montreuil)**

69' SPEO CHM -05:00 S09 09.0 W078 31.4

01/19 5906' ASPHALT. PCN 21/F/A/Y/U. ASDA 01 6103'. ASDA 19 6103'.

Mon - Sat, 1300 - 2100Z and O/R.

Flight information service only, daytime and visual operations.

## PERU

Fire 2.

**Ciro Alegria**

590' SPAC -05:00 S04 36.4 W077 56.4

**02/20** 5249' ASPHALT. PCN 37/F/C/Y/T.

SR - SS.

**Col Alfredo Mendivil Duarte** see **Ayacucho**

**Col Carlos Ciriani Santa Rosa** see **Tacna**

**Col Francisco Secada Vignetta Intl** see **Iquitos**

**Comandante German Arias Grazziani** see **Anta Huaraz**

**Cusco (Tnte FAP Alejandro Velazco Ast)**

10860' SPZO CUZ -05:00 S13 32.1 W071 56.3

Apt Administration (084) 222601; Fax (084) 222601. Security (084) 222611, Security 978470399, Security gpinto@corpac.gob.pe.

**10/28** 11155' ASPHALT. PCN 45/F/C/X/T. ASDA 10 11352'. HIALS 28. Rwy 10 Landing not allowed. Rwy 28 Takeoff not allowed.

1100 - 2300Z. ATND SKD 1100-2200Z. Customs: Customs: 1000-2300Z. Immigration: 1200-1700Z. O/T O/R.

In order to avoid traffic congestion non-scheduled flights are not allowed between 1000Z-1730Z. State emergency, search and rescue, humanitarian, hospital emergency, medevac and flights based from SPZO are excluded.

Btn 1000-0300Z new Cusco night time flights available only for RNP approved operators.

Jet A-1.

Fire 7.

**EL ESTRECHO** see **GALILEA**

**Francisco Carle** see **Jauja**

**GALILEA (EL ESTRECHO)**

421' SPEE -05:00 S02 27.1 W072 40.1

**13/31** 3937' ASPHALT. PCN 14/F/C/Y/T.

**Galilea**

597' SPGB -05:00 S04 01.9 W077 45.0

**17/35** 4921' ASPHALT. PCN 25/F/C/X/T.

SR - SS.

**Gen Armando Revoredo Iglesias** see **Cajamarca**

**Gueppi**

680' SPGP -05:00 S00 07.1 W075 14.9

**05/23** 4265' ASPHALT. PCN 29/F/C/Y/T.

SR-SS.

**Huamachuco**

10367' SPUC -05:00 S07 40.0 W078 05.0

**10/28** 3609' ASPHALT.

SR-SS.

**Huanuco (Alferez David Figueroa Fernand)**

6070' SPNC HUU -05:00 S09 52.7 W076 12.3

**07/25** 8202' ASPHALT. PCN 34/F/C/X/T. LDA 07 7218'.

1400-2200Z.

Fire 5 1400-2200Z.

**Ilo**

72' SPLO -05:00 S17 41.7 W071 20.6

**12/30** 8202' ASPHALT. PCN 49/F/B/X/T.

Mon-Sat: 1300-2100Z.

Elevated terrain East of AD, circling on South sector.

Fire 2.

**Inapari**

800' SPIN -05:00 S10 58.8 W069 33.7

**15/33** 3937' CONC/SLD. PCN 13/F/B/X/T.

SR-SS.

**PERU**

Daytime VFR only.

**Inca Manco Capac Intl see Juliaca**

**Iquitos (Col Francisco Secada Vignetta)** Apt of Entry

306' SPQT IQT -05:00 S03 47.1 W073 18.5  
Apt Administration 065-228151, 065-228444;  
aeropuerto.deiquitos@adp.com.pe. ATC  
065-260196, 065-260532, 065-260533.

**06/24** 8202' CONCRETE. PCN 49/R/B/W/T.  
HIRL. ALS 06.

H24. ATND SKD H24. Customs: H24.

Birds in vicinity of the airport.

Rubber pollution on Rwy 06. Pilots will takepre-  
caution for landings and takeoffs.

Jet A-1.

ABN. Fire 8.

**Iscozasin**

900' SPEN -05:00 S10 11.0 W075 09.0

**09/27** 3937' TURF.

SR-SS.

**Jaen (Shumba)**

2477' SPJE JAE -05:00 S05 35.5 W078  
46.3

**16/34** 7874' ASPHALT. PCN 54/F/D/X/T.

Mon-Sun 1300-2100Z. O/T O/R. ATND SKD

Mon-Sun 1300-2100Z.

Fire 5.

**Jauja (Francisco Carle)**

11034' SPJJ JAU -05:00 S11 46.8 W075  
28.1

**13/31** 9219' ASPHALT. PCN 46/F/C/W/T.

1100-2300Z.

Pilots use caution when landing and when  
taking off.

Fire 5.

**Jorge Chavez Intl see Lima-Callao**

**Juanjui**

1148' SPJI JJI -05:00 S07 10.2 W076 43.7

**03/21** 6562' UNPAVED. PCN 14/F/C/X/T.

Mon-Sat: 1300-2100Z.

Take off Rwy 03. Landing Rwy 21.

Fire 1.

**Juliaca (Inca Manco Capac Intl)** Apt of Entry

12552' SPJL JUL -05:00 S15 28.0 W070  
09.5

Apt Administration Fax 328974; julcoordinacio-  
nesfpl@aap.com.pe. ATC 321821, 32897.

**12/30** 13780' ASPHALT. PCN 46/F/C/X/T.  
ASDA 12 13976'. ASDA 30 13976'. RL.

1200-2400Z. O/T O/R. Customs: 1200-2300Z.

24 hr PNR for non -scheduled flights.

180 Deg turn only on Rwy turning area.

ABN. Fire 7.

**Kiteni**

2589' SPKI -05:00 S12 38.9 W073 02.2

**07/25** 3346' GRAVEL.

Landing and take-off on main runway not per-  
mitted when helicopters are park inparking  
spots 1, 2, 3 and 4.

ATND SKD Sunrise-Sunset.

VFR operations only, no  
ATS/COM/MET/AIS/FIS/AFIS/RCCI services  
provided.

Fire 3.

**Las Malvinas**

1253' SPWT -05:00 S11 51.3 W072 56.4

**17/35** 5413' GRAVEL. PCN 29/F/D/X/T.

ATND SKD Sunrise-Sunset.

Fire 6.

**Leon Velarde (Shiringayoc O Hda Mejia)**

750' SPOV SYC -05:00 S11 54.0 W069 10.0

**01/19** 3019' TURF.

Days.

## PERU

**Lima-Callao (Jorge Chavez Intl)** Apt of Entry  
113' SPJC LIM -05:00 S12 01.3 W077 06.9

Apt Administration (511) 5173100, (3467),  
(511)5173100 - 3387, 5173561, 981352270;  
\_EquipoDutyOfficer@lima-airport.com, dutyof-  
fice@lima-airport.com, psanchez@lima-air-  
port.com. Ground Services 056-542119; On  
Call 968921061; lorihuela@petroperu.com.pe.

**15/33** 11509' CONCRETE. PCN 74/R/A/X/T.  
LDA 33 9531'. ASDA 15 11706'. ASDA 33  
11706'. HIRL. ALS 15.

H24 ATND SKD H24. Customs: H24.

Caution: Birds in vicinity of Rwy 15 and 33 final  
approach.

Daily between 1320Z and 1520Z, and 0030Z  
and 0330Z, in order to avoid traffic congestion,  
non scheduled flight arrivals are not allowed to  
SPJC. Non scheduled flight status arrivals  
emergency, SAR, humanitarian, hospital, Air  
Ambulance are excluded.

In order to reduce Rwy occupation time, when  
feasible, all aircraft Cat C shall vacate Rwy 15  
via Twy C, except as otherwise instructed by  
ATC. Pilots will advise if not able to comply.

"FOLLOW ME" Vehicle assistance can be  
requested to TWR. When general aviation air-  
craft are not familiar with the aerodrome, they  
will always be guided by the "FOLLOW ME"  
vehicle.

VFR / IFR departures shall communicate with  
TWR for ATC authorization before towing / taxi-  
ing.

Departing aircraft must obtain authorization to  
start the engines, be towed and instructions on  
taxiing from platform on 121.900 MHZ fre-  
quency.

Maximum 2 hr stay on the international ramp.  
Loading, unloading, and fueling must take place  
during this timeframe.

Maximum 2 hr stay on civil aviation aprons for  
all General Aviation flights, national and inter-  
national. Passenger boarding/disembarking,

refueling, aircraft cleaning and ground handling  
activities shall be included in this period. After 2  
hours aircraft must be relocated to another  
apron, parking area or hangar or shall be flown  
to a convenient alternate airport.

All technical stops of commercial and general  
aviation flights are prohibited.

Hours of operation for general aviation flights,  
national and international, must be accom-  
plished from 0500 - 0930Z and 1800 - 2359Z.

Unscheduled flights (Cargo, General Aviation or  
Military), operators should coordinate or modify  
flight plan 24 hours before ETA with the admin-  
istration (LAP) e-mail: coordinacionesfpl@lima-  
airport.com.

F-3, Jet A-1.

ABN. Fire 9.

**Major PNP Nancy Flores Paucar see  
Mazamari**

**Manu**

1010' SPNU -05:00 S12 17.4 W070 53.4

**03/21** 4560' GRAVEL. ASDA 03 4740'. ASDA  
21 4740'.

SR-SS.

**Maria Reiche Neuman see Nazca**

**Mazamari (Major PNP Nancy Flores Paucar)**

2180' SPMF -05:00 S11 19.5 W074 32.1

**15/33** 5774' ASPHALT. PCN 34/F/C/Y/T/.

Mon-Sat 1300-2300Z.

CAUTION when landing and taking off. Due to  
platform capacity and military ops helicopters  
stationed on both side of strip in the first 492 ft  
(150m) of Rwy 3398 ft (30m) from rwy edges.  
Contact AFIS. Due to location of AFIS unit  
there is no visual of the landing area for the first  
1640 ft (500m) of Rwy 15 and platform thr.  
Antenna 82 ft (25m) high 197 ft (60m) from Rwy  
33 thr 295 ft (90m) to the right.

## PERU

CAUTION: Energized cement posts from 26 ft (8m) high 246 ft (75m) from Rwy 15 thr.

Flight Service only, daytime and visual conditions.

Fire 5.

**Minas Buenaventura see Orcopampa**

**Moises Benzaquen Rengifo see Yurimaguas**

**Moquegua**

4480' SPEQ -05:00 S17 10.6 W070 56.1

**06/24** 5906' GRAVEL.

SR-SS.

**Nazca (Maria Reiche Neuman)**

1813' SPZA -05:00 S14 51.2 W074 57.7

Apt Administration 056-522801; lgamboa@corpac.gob.pe.

**07/25** 3281' ASPHALT. PCN 9/F/A/Y/T.

APAPI rwy 25 not visible farther than 1nm due to ascending terrain.

1100-2300.

F-3, Jet A-1.

Fire 4 1100-2300.

**Nuevo Mundo**

1066' SPNM -05:00 S11 32.5 W073 08.5

**01/19** 5905' GRAVEL. PCN 29/F/A/Y/T.

SR-SS.

No services for Air Traffic services, Meteorological, AIS, FIS, daytime hours of operation only.

Fire 5.

**Orcopampa (Minas Buenaventura)**

12322' SPOR -05:00 S15 18.9 W072 21.1

**03/21** 6496' CLAY.

SR-SS.

Fire 2.

**Orellana**

355' SPON -05:00 S06 53.8 W075 09.2

**18/36** 3281' TURF.

SR-SS.

**Oventeni**

3337' SPBT -05:00 S10 45.2 W074 13.3

**01/19** 3281' GRASS. AUW-13.

Daytime operation and under visual conditions only

**Pacasmayo**

98' SPYO -05:00 S07 24.4 W079 34.1

**18/36** 4592' TARMAC.

SR-SS.

**Padre Aldamiz see Puerto Maldonado**

**Palmas Del Espino**

1667' SPPN -05:00 S08 20.6 W076 29.4

**18/36** 5676' GRAVEL.

SR-SS.

F-4.

Fire 1.

**Patria**

2224' SPIR -05:00 S12 58.0 W071 25.7

**14/32** 3280' GRVL/DIRT.

SR-SS.

**Pedro Canga see Tumbes**

**Pisco**

40' SPSO PIO -05:00 S13 44.7 W076 13.2

Apt Manager 5133800 int. 55303; Mobile 956660797; ricardo.velez@adp.com.pe. Apt Operator 5133800; aero-puerto.depisco@adp.com.pe.

**04/22** 9908' ASPHALT. PCN 53/F/B/X/T. ASDA 04 10236'. ASDA 22 10531'. HIRL. HIALS 22.

Customs: O/R.

All ACFT shall contact Pisco ATC 10 minutes prior to taxi/off block time in order to obtain ATC clearance, aerodrome information, departure sequence, and possible delays.



## PERU

VFR flights authorized during sunrise-sunset, inside the Pisco ATZ.

F-3, Jet A-1.

ABN. Fire 7.

**Piura (Capt Guillermo Concha Iberico)**

116' SPUR PIU -05:00 S05 12.3 W080 37.0

**01/19** 8200' ASPHALT. PCN 40/F/B/X/T. ASDA 01 8528'. ASDA 19 8528'. MIRL. ALS 19.

1200-0200Z, O/T O/R.

Birds in the vicinity of airport.

Turns are prohibited on RWY after landing.

ACFT returning to end of RWY 19, continue on TWY C up to intersection of TWY B to return to RWY.

ABN. Fire 7.

**Pucallpa (Cap FAP David Armando Abensur)** Apt of Entry

516' SPCL PCL -05:00 S08 22.7 W074 34.5

Apt Administration (061) 577329; Fax (061) 594782; M.BARREDA@ADP.COM.PE, aeropuerto.dePucallpa@adp.com.pe.

**02/20** 9186' ASPHALT. PCN 46/F/C/X/T. ASDA 02 9383'. ASDA 20 9383'. HIRL. HIALS 02.

H24 ATND SKD 1200-2300Z. O/T O/R. Customs: 1200-0600Z.

CAUTION: Bird Hazard runway 02/20

CAUTION: Lights on highway 1.5 NM South-west of final approach course may be mistaken for Rwy 02.

Jet A-1.

ABN. Fire 7.

**Puerto Breu (Tipishsa)**

660' SPPB -05:00 S09 32.5 W072 45.3

**01/19** 3281' CLAY/GRAS.

SR-SS.

**Puerto Esperanza**

725' SPEP -05:00 S09 46.2 W070 42.5

**07/25** 5906' ASPHALT. PCN 23/F/C/Y/T.

SR-SS.

**Puerto Maldonado (Padre Aldamiz)** Apt of Entry

659' SPTU PEM -05:00 S12 36.8 W069 13.7

Apt Administration pemcoordinacionesfpl@aap.com.pe. Apt Manager 084-571533.

**01/19** 11483' CONCRETE. PCN 69/R/C/X/T. RL.

1100-2300Z O/R. ATND SKD 1100-2300Z and O/R. Customs.

CAUTION: Bird Hazard runway 01/19

Operators of non-scheduled flights, civilian or military, must coordinate their flight plans 24 hr before its ETD with the management of the airport.

Jet A-1.

Fire 7 1100-2300Z and O/R.

**Quincemil**

2050' SPIL UMI -05:00 S13 16.0 W070 41.0

**06/24** 5905' GRAVEL.

1400-2000 Clsd Sun.

**Requena**

394' SPQN -05:00 S05 04.7 W073 51.4

**16/34** 3281' ASPHALT.

SR-SS.

Daytime VFR only.

**Rioja**

2707' SPJA RIJ -05:00 S06 04.1 W077 09.6

**16/34** 6168' ASPHALT. PCN 16/F/C/Y/U. ASDA 16 6365'. ASDA 34 6365'.

**Rodriguez Ballon see Arequipa****Rodriguez De Mendoza (San Nicolas)**

5085' SPLN RIM -05:00 S06 23.5 W077 30.1

**10/28** 5906' ASPHALT.

ATND SKD SR-SS.

Fire U.

## PERU

**San Francisco see Teresita****San Juan De Marcona**

144' SPJN SJA -05:00 S15 21.0 W075 09.0  
**15/33** 6562' ASPHALT. PCN 21/F/A/Y/U. RL.  
SR-SS.

**San Nicolas see Rodriguez De Mendoza****San Ramon (Capitan Alvarino)**

2600' SPRM -05:00 S11 06.5 W075 20.0  
**01/19** 3281' TREATED.  
SR-SS.

**Sepahua**

1000' SPSE -05:00 S11 08.5 W073 02.0  
**09/27** 5906' GRAVEL. AUW-59.  
SR-SS.

**Shiringayoc O Hda Mejia see Leon Velarde****Shumba see Jaen****Tacna (Col Carlos Ciriani Santa Rosa)** Apt of Entry

1538' SPTN TCQ -05:00 S18 03.2 W070 16.5

Apt Administration (052) 314503; Fax (052) 314672; evela@corpac.gob.pe. Apt Manager (052) 570072; Mobile 969598457; jb.tcq@aap.com.pe.

**02/20** 8202' ASPHALT. PCN 39/F/A/X/T. TODA 02 8904'. TODA 20 8924'. ASDA 02 8399'. ASDA 20 8399'. RL. ALS 02.

1100-0300Z and O/R. ATND SKD Mon - Sat, 1000-0200Z and O/R. Sun O/R. Customs: O/R.

For non-scheduled flights civil or military, operators must coordinate flight plans 24 hours before estimated time of departure with airport administration viae-mail, TCQCOORDINACIONESFPL AT AAP.COM.PE

Jet A-1.

ABN. Fire 7.

**Talara (Capitan Montes Intl)** Apt of Entry

282' SPYL TYL -05:00 S04 34.6 W081 15.2

Apt Administration (073) 385510; aeropuerto.detalara@adp.com.pe. Apt Manager (073) 385070; Fax (073) 385070.

**17/35** 8071' ASPHALT. PCN 40/F/C/X/T. ASDA 17 8268'. ASDA 35 8268'.

Rwy 17 Right-Hand Circuit.

1300-2100Z. ATND SKD 1300-2100Z, and O/R. Customs: O/R.

Caution: Birds in vicinity of airport.

Circling prohibited East of the airfield.

Jet A-1.

ABN. Fire 7.

**Tarapoto (CAP FAP Guillermo del Castillo)**

868' SPST TPP -05:00 S06 30.5 W076 22.4  
ATS 042-521053, 042-527042.

**17/35** 8530' ASPHALT. PCN 44/F/B/X/T. LDA 17 7382'. RL.

1200-0000Z ATND SKD 1200-0000Z and O/R.

CAUTION: New terminal limits visibility from Tower to parking positions 2, 3, 4, 5 and apron, pilots take caution.

Birds in vicinity of both Rwy.

Flights from AD without ATS: call to coordinate flight plan and take-off time. Landing Rwy 35 will require 180° turn on Rwy.

F-3, Jet A-1.

Fire 7 1200-0000Z.

**Teniente Bergerie**

384' SPID -05:00 S03 44.5 W073 15.6

**13/31** 4790' CONCRETE.

SR-SS.

Land Rwy 13, takeoff Rwy 31.

F-4, Jet A-1.

Fire 2.

**Teresita (San Francisco)**

2500' SPTE -05:00 S12 32.0 W073 48.0

## PERU

**12/30** 3937' DIRT.

SR-SS.

**Tingo Maria**

2146' SPGM TGI -05:00 S09 17.4 W076 00.3

**01/19** 6888' GRAVEL. PCN 14/F/D/X/U.

Mon - Sat, 1300 - 2100Z.

CAUTION: Birds in vicinity of airport. Pilots take caution during landings and take-offs, contact Tower.

Flight information service only, daytime and visual operations only.

Take-off Rwy 01 unrestricted.

Landing Rwy 19 visual.

Fire 5.

**Tipishsa see Puerto Breu**

**Tnte FAP Alejandro Velazco Astete Intl see Cusco**

**Tocache**

1631' SPCH -05:00 S08 11.7 W076 31.7

**09/27** 6332' CLAY. PCN 10/F/C/Y/T.

ATND SKD SR-SS.

**Trujillo (Cap Carlos Martinez De Pinillo)**

128' SPRU TRU -05:00 S08 04.9 W079 06.5

Apt Administration (044) 464131, (044) 464324;

Fax (044) 464224; aeropuerto.detruijillo@adp.com.pe. Apt Manager Mobile

949627935.

**02/20** 9843' ASPHALT. PCN 59/F/B/X/T. LDA 20 7874'. ASDA 02 10040'. ASDA 20 10040'. RL. ALS 02.

H24 ATND SKD 1200 - 0000Z. O/T O/R. Customs: 1300 - 0200Z

Caution: High terrain to the North and East of airport. Obstruction of 246 ft altitude coordinates; S080434/W0790657 with obstruction lights.

Caution: Birds in Vicinity of Airport.

In order to avoid the deterioration of the asphalt layer, turning on RWY is NOT allowed. After landing the acft will taxi to the first RWY turning bay available and vacate the active RWY.

F-3, Jet A-1.

ABN. Fire 7.

**Tte Fap Jaime De Montreuil see Chimbote****Tumbes (Pedro Canga)**

115' SPME TBP -05:00 S03 33.1 W080 22.9

**14/32** 8203' ASPHALT. PCN 44/F/C/X/T. ASDA 14 8400'. ASDA 32 8400'. RL.

1500-0300Z.

CAUTION: Bird hazard on Rwy 14/32.

Aircraft landing must perform 180 turns on the turning pads at the end of the Rwy 14/32 to avoid wearing down the asphalt top.

For night operations, request 3 hours prior notice.

ABN. Fire 7.

**Vicco**

13461' SPVI -05:00 S10 50.9 W076 14.8

**17/35** 6365' DIRT.

SR-SS.

**Vilcashuaman**

11965' SPVN -05:00 S13 40.7 W073 55.6

**13/31** 5085' ASPH/BITU.

SR - SS.

**Yauri, Peru (Yauri)**

12795' SPIY -05:00 S14 48.4 W071 25.9

**18/36** 8202' ASPHALT.

SR-SS.

**Yurimaguas (Moises Benzaquen Rengifo)**

587' SPMS YMS -05:00 S05 53.6 W076 07.1

**09/27** 5906' ASPHALT. PCN 20/F/C/Y/U.

1200-2300Z.

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PERU

CAUTION: Birds in vicinity of airport.

CAUTION: Antennas on both sides of the RWY 27.

CAUTION: Due to high obstacles on the East side of the apt, Landing on Rwy 27 and Take-off Rwy 09 are not permitted. Church Tower 131' (40 m) aprox 1969' (600 m) east of Rwy 27.

Flight information service, only operates during dayhours and visual conditions.

Landing Rwy 09. Take off Rwy 27.

Fuel: U.

Fire 5.

## SURINAME

**Coeroenie**

482' SMCI -03:00 N03 22.0 W057 20.0

**10/28** 4035' SAND/CLAY. AUW-13. ASDA 10

4199'. ASDA 28 4199'.

SR-SS.

Jet A-1. JASU.

ABN. Fire 9.

**J.A. Pengel Intl see Zandery****Paloemeu (Vincent Faiks)**558' SMPA OEM -03:00 N03 21.0 W055  
27.0**07/25** 3773' SAND/CLAY. AUW-13. ASDA 07

3937'. ASDA 25 3937'.

SR-SS.

**Rudy Kappel see Tafelberg****Sipaliwini**

745' SMSI -03:00 N02 02.0 W056 08.0

**09/27** 3281' SAND. AUW-13. ASDA 09 3445'.

ASDA 27 3445'.

SR-SS.

**Tafelberg (Rudy Kappel)**

1115' SMTB -03:00 N03 47.0 W056 09.0

**10/28** 3773' SAND. AUW-13. ASDA 10 3904'.

ASDA 28 3970'.

SR-SS.

**Vincent Faiks see Paloemeu****Zandery (J.A. Pengel Intl)** Apt of Entry

59' SMJP PBM -03:00 N05 27.1 W055 12.0

Apt Administration (597) 0325252; Fax (597)  
401600.**11/29** 11417' ASPHALT. PCN 84/F/B/W/T.ASDA 11 11614'. ASDA 29 11565'. RL. HIALS  
11.

ATND SKD 1100 Z-0100 Z. Customs: H24.

180 degrees turn of ACFT on the RWY restric-  
ted surface: ACFT with maximum take off  
weight of 66139 lb (30.000kg) and above shall  
move to TWY D or TWY E to proceed 180  
degrees turns.

## URUGUAY

**Angel S Adami Intl see Montevideo****Artigas (Artigas Intl)** Apt of Entry

410' SUAG ATI -03:00\* S30 23.9 W056 30.6  
Apt Administration 4772 3971; Fax 4772 3971;  
suag@dinacia.gub.uy.

**05/23** 1969' GRASS.

**11/29** 4183' BITUMEN. AUW-13. LDA 29 3740'.  
RL.

Mon-Fri, 1100-2300UTC, except holidays.  
ATND SKD Mon-Fri, 1000-2200UTC, Sat, Sun  
and holidays on request. Customs: Mon-Fri,  
1000-2200UTC, Sat, Sun and holidays on  
request.

VMC operations limited to daytime only.

F-4, JP-1.

ABN.

**Capitan Curbelo Intl see Maldonado****Carlos Antunez Castellanos see Trinidad****Carmelo (Carmelo Intl)**

36' SUCM -03:00\* S33 58.0 W058 19.5

Apt Administration 4542 9255; operaciones-  
suca@dinacia.gub.uy.

**17/35** 3478' GRASS.

Customs: Mon-Sun 1130Z to 30 minutes after  
SS and Mon-Thu O/R.

Fire N.

**Carrasco Intl/Gen C L Berisso see  
Montevideo****Cerro Largo Intl see Melo****Colonia (Laguna de los Patos Intl)** Apt of  
Entry

66' SUCA CYR -03:00\* S34 27.1 W057 46.0

Apt Administration 4522 4853, 4522 2319, 4522  
2501; Fax 4522 2319; suca@dinacia.gub.uy.

**13/31** 4495' BITU/TRTD. PCN 10/F/B/W/U.

1000-2200Z. ATND SKD 1130-2000Z. Cus-  
toms: O/R.

Fuel: U.

ABN. Fire N.

**Durazno (Santa Bernardina Intl)** Apt of Entry  
305' SUDU DZO -03:00\* S33 21.4 W056  
29.8

Apt Administration 4362-2182, 43622449; Fax  
4362-4927; sudu@dinacia.gub.uy.

**03/21** 7477' ASPH/CONC. PCN 21/F/B/W/T.  
RL. HIALS 03. MIALS 21.

**10/28** 4764' ASPH/CONC. RL.

H24 ATND SKD H24. Customs: O/R.

Twy A, B, and C limited 44093 lb (20 tonnes).

F-4, Jet A-1.

Fire 6 1000-2200Z, O/T O/R.

**El Jaguel Dptal see Punta Del Este****Fray Bentos**

121' -03:00\* S33 10.0 W058 15.0

**05/23** 2001' TURF.

**18/36** 3411' TURF.

ATND SKD SR-SS.

F-2.

Fire U.

**Gen Artigas see Montevideo****Laguna de los Patos Intl see Colonia****Maldonado (Capitan Curbelo Intl)** Apt of  
Entry

95' SULS PDP -03:00\* S34 51.4 W055 05.9

Apt Administration 4255 9777 - 4255 9387 -  
4255 9388; Fax 4255 9389. Apt Manager  
caisa@puntadeleste.aero.

**01/19** 5249' CONC/ASPH. PCN 30/F/C/W/T.  
RL. ALS 19.

**08/26** 6998' CONC/ASPH. PCN 40/F/A/X/T.  
RL. ALS.

H24 ATND SKD H24. Customs: H24.

F-4, Jet A-1.

**URUGUAY**

ABN. Fire 7.

**Melo (Cerro Largo Intl)** Apt of Entry  
364' SUMO MLZ -03:00\* S32 20.5 W054 13.3

Apt Administration 4640 2422; Fax 4640 2027.  
Apt Manager sumo@dinacia.gub.uy.

**07/25** 4961' BITU/TRTD. PCN 10/F/D/Z/T.

Mon-Fri, 1100-2300Z. ATND SKD Mon-Fri 1100-1900Z; Sat, Sun, HOL and O/T O/R. Customs: O/R.

Airport available for VMC operations.

F-4, Jet A-1.

Fire N.

**Mercedes (Ricardo Detomasi Dptal)**

72' SUME -03:00\* S33 14.9 W058 04.4

Apt Administration 4532 2638 - 4532 2828 - 4532 3513; Fax 4532 2638.

**08/26** 3675' GRASS.

**16/34** 4052' GRASS.

ATND SKD SR-SS.

**Montevideo (Angel S Adami Intl)** Apt of Entry

174' SUAA -03:00\* S34 47.3 W056 15.9

Apt Administration 598-2322-8035/8043; Fax 598-2322-8035. Apt Manager suaa@dinacia.gub.uy.

**01/19** 4101' CONCRETE. PCN 12/R/C/W/T. RL.

Rwy 19 Right-Hand Circuit.

1000-2200Z. ATND SKD 1000-2130Z. Customs: 0800-2200Z.

Authorize VFR operations only. IFR operations coordinate Carrasco frequency 119.2 / 123.2 MHz.

F-4.

ABN. Fire 4.

**Montevideo (Carrasco Intl/Gen C L Berisso)**

Apt of Entry

105' SUMU MVD -03:00\* S34 50.0 W056 01.7

Apt Administration 2 604 0329; Fax 0 99673888, 2 604 0332, 5982 604 0332; Operaciones@aerpuertodecarrasco.com.uy. 2604 0299, 2604 0329 Ext 1230.

**01/19** 7382' CONCRETE. PCN 55/F/C/W/T. MIALS 19.

**06/24** 10499' CONC/ASPH. PCN 88/F/C/W/U. TORA 06 10007'. LDA 06 8858'. LDA 24 10007'. MIALS 24.

H24. Customs.

180-degree turns on the runways are not authorized for heavy aircraft except at the turn pads on rwy 06/24 and at the thresholds of runways 06/24 and 01/19.

Twy D NA to aircraft heavier than 12,566lbs (5700kg) MTOW.

Aircraft stand 04, 10, 11, 32, 33, 34 and 35 limited to aircraft up to 213' (65M) wingspan. Push back is required for departure.

Aircraft stand 31 limited to aircraft up to 171' (52M) wingspan. Push back is required for departure.

Aircraft stand 18 and 19 limited to aircraft up to 52' (15.9M) wingspan. Self-propelled departure.

Aircraft stand 13, 14 and 15 limited to aircraft up to 93' (28.48M) wingspan. Self-propelled departure.

Aircraft stand 09 limited to aircraft up to 156' (47.57M) wingspan. Push back is required for departure.

Aircraft stand 27, 28, 29 and 30 limited to aircraft up to 118' (36M) wingspan. Self-propelled departure, but may require Push back.

Aircraft stand 26, 32A, 32B, 33A, 33B, 34A, 34B, 35A and 35B limited to aircraft up to 118' (36M) wingspan. Push back is required for departure.

CAUTION: Birds in vicinity of airport.

## URUGUAY

## Noise Abatement Procedures:

At night take-offs are not allowed to fly over the city of Montevideo between 21:00 and 07:00 local time except for emergency, traffic reasons and/or weather.

The direct approach Acft flying over the city of Montevideo shall maintain 3000ft (900m) up to 10NM DME arc, proceeding then to descend to land except for emergency, traffic reasons, weather or the Acft is conducting a published instrument procedure to runway 06.

Aircraft stand 07 and 08 limited to aircraft up to 118' (36M) wingspan. Self-propelled departure.

Aircraft stand 12 limited to aircraft up to 213' (65M) wingspan. Push back is required for departure with caution due to jet blast with moving vehicle when RWY 01, 06 or 19 active.

Aircraft stand 06 limited to aircraft up to 79' (24M) wingspan. Self-propelled departure.

Aircraft stand 05 limited to aircraft up to 79' (24M) wingspan. Self-propelled departure.

F-4, Jet A-1.

ABN. Fire 9.

**Montevideo (Gen Artigas)**

82' -03:00\* S34 44.9 W055 57.5

**18/36** 3600' ASPHALT.

F-2.

**Paysandu (Tydeo Larre Borges Intl)** Apt of Entry

177' SUPU PDU -03:00\* S32 21.8 W058 04.0

Apt Administration 4722 2199; Fax 4722 2079; supu@dinacia.gub.uy.

**02/20** 4921' ASPH/CONC. PCN 31/F/B/X/T. MIALS 20.

**10/28** 2953' BITU/TRTD. AUW-13. TODA 10 3248'. ASDA 10 3281'.

MON-FRI 1000 - 2200Z. SAR, humanitarian, sanitary, State and O/T O/R. Customs: O/R.

CAUTION: Loose stones on Rwy 10/28.

CAUTION: Stone powder on Rwy 02/20.

F-2, F-4.

ABN. Fire U.

**Presidente General don Oscar D. Gestido Intl see Rivera****Punta Del Este (El Jaguel Dptal)**

66' SUPE -03:00\* S34 54.8 W054 55.1

Apt Administration 4248-4513; Fax 4248-4513.

Apt Manager supe@dinacia.gub.uy.

**01/19** 2756' ASPHALT. TORA 19 1870'. LDA 01 1870'. TODA 19 1870'. RL.

1100Z-SS. ATND SKD 1200-2000Z.

FUEL: Available with 2hrs prior notice and coordinating with airport manager.

F-4, Jet A-1.

ABN.

**Ricardo Detomasi Dptal see Mercedes****Rivera (Presidente General don Oscar D)**

Apt of Entry

712' SURV RVY -03:00\* S30 58.2 W055 28.4

Apt Administration 4622 1921-4623 2644; Fax 4622 4921. Apt Manager surv@dinacia.gub.uy.

**05/23** 6004' ASPHALT. PCN 32/F/B/X/T. RL.

Mon to Fri 1000-2200Z, exc HOL. ATND SKD MON to FRI 1000-2200Z. SAT 1300-2100Z (Prior Permission Required). Customs: O/R.

CAUTION: Birds in vicinity of RWY sunrise - sunset.

100 octane, F-4, JP-1.

ABN.

**Rocha**

69' -03:00\* S34 29.0 W054 16.0

**06/24** 3280' TURF.

**09/27** 2952' TURF.

ATND SKD SR-SS.

Fire U.



## URUGUAY

**Salto (Salto Nueva Hesperides Intl)** Apt of Entry

141' SUSO STY -03:00\* S31 26.1 W057 59.0

Apt Administration 4732 7119; Fax 4732 7119; suso@dinacia.gub.uy. 4732 2310, 4733 4888.

**05/23** 5210' ASPHALT. PCN 26/R/C/X/T. RL. MIALS 05.

**13/31** 2461' GRASS.

Mon-Sun, 1000 to 2200Z. ATND SKD Mon-Fri, 1100 to 2100Z other times O/R. Customs: O/R.

F-4, JP-1.

ABN. Fire U.

**05/23** 3214' TURF.

**09/27** 2050' TURF.

**18/36** 1804' TURF.

ATND SKD SR-SS.

Fire U.

**Tydeo Larre Borges Intl see Paysandu**

**Vichadero**

488' SUVO VCH -03:00\* S31 44.3 W054 35.3

Apt Operator (598) (0)91486743.

**05/23** 3219' TURF.

ABN. Fire N.

**Santa Bernardina Intl see Durazno**

**Tacuarembó**

440' SUTB TAW -03:00\* S31 45.0 W055 55.4

Apt Administration 4632 3938; Fax 4630 2016. Apt Manager sutb@dinacia.gub.uy.

**10/28** 3806' ASPHALT. AUW-13. RL.

Mon-Fri 1000-2200Z, other times O/R. ATND SKD Mon-Fri 1100-2100Z, other times O/R.

CAUTION: Gravel could be encountered on rwy surface.

AD operations limited to aircraft not exceeding MTOW12566 lbs (5700kg) with conventional engines.

ABN. Fire U.

**Treinta Y Tres**

203' SUTR TYT -03:00\* S33 11.7 W054 20.8

Apt Administration 4452 3471; Fax 4452 3471; sutr@dinacia.gub.uy.

**01/19** 3510' GRASS.

**10/28** 1969' GRASS.

ATND SKD Mon-Fri 0800-1600 LT.

**Trinidad (Carlos Antunez Castellanos)**

423' -03:00\* S33 29.0 W056 53.0

## VENEZUELA

**Acarigua (Gen Oswaldo Guevara Mujica)**

743' SVAC AGV -04:00 N09 33.2 W069 14.2

Apt Administration 58 0255 664326.

**11/29** 5906' ASPHALT. PCN 47/F/C/Y/T. RL. ALS 11.

SR-SS. ATND SKD Mon-Fri 1130-1600Z/  
1800-2050Z, Sat 1130-1550Z, Sun  
1200-1600Z.

CAUTION: Birds in vicinity of airport.

F-4, JP-1.

ABN.

**Alberto Carnevalli see Merida**

**Almirante Cristobal Colon see Guiria**

**Amazonas (La Esmeralda)**

380' SVLE Mil. -04:00 N03 10.3 W065 32.4

**14/32** 7526' ASPHALT.

SR-SS.

ABN.

**Anaco**

735' SVAN AAO -04:00 N09 25.8 W064 28.2

**10/28** 3888' ASPHALT.

ATND SKD SR-SS.

CAUTION: Birds in vicinity of airport.

**Andres Miguel Salazar Marcano see Isla De Coche**

**Arturo Michelena Intl see Valencia**

**Barcelona (Gen. Jose Antonio Anzoategui I)**

Apt of Entry

30' SVBC BLA -04:00 N10 06.7 W064 41.5

Apt Administration 58 281 2752035 / 58 281 2751745. 58 281 2774558.

**02/20** 9186' ASPHALT. PCN 87 F/D/Y/T. ASDA 02 10171'. RL.

**15/33** 9843' ASPHALT. PCN 87/F/D/Y/T. RL. MIALS 15.

H24 ATND SKD H24. Customs: Immigration: H24. Customs PNR.

Birds and Animals in vicinity of airport.

RWY 33 VFR Ops only. MAX TO Wt 485017lbs (220000kg). MAX LDG Wt 418878lbs (190000kg).

RWY 02/20 Hrs of Ops SR-SS.

F-4, Jet A-1.

ABN. Fire 7.

**Barinas (Barinas Luisa Caceres De Arism)**

615' SVBI BNS -04:00 N08 36.9 W070 12.8

Apt Administration 58 0273 5332063.

**04/22** 3937' ASPHALT. PCN 45 F/C/W/T.

**13/31** 6562' ASPHALT. PCN 45/F/C/W/T. LDA 13 5578'. ALS 31.

SR-0130Z. ATND SKD 1100-0200Z (Jet A1). 1100-0000Z (AVGAS).

CAUTION: People crossing runway 12/30.

CAUTION: Birds in the vicinity of the airport.

CAUTION: Trees and building obstruct vis to apch RWY 12 and R side THR30.

Concrete reservoir 200 ft high, 2625 ft from THR 30, unlighted.

F-4, Jet A-1.

ABN. Fire 6.

**Barinas (Sabaneta)**

463' SVSN -04:00 N08 44.6 W069 54.8

**07/25** 3675' ASPHALT.

ATND SKD SR-SS.

**Barquisimeto (Jacinto Lara Intl)** Apt of Entry

2044' SVBM BRM -04:00 N10 02.5 W069 21.6

Apt Administration 2514423667, 2514432699; On Call 0251-4425590; Fax 02514423667.

**09/27** 7808' ASPHALT. PCN 50/F/B/Y/T. HIRL.

**VENEZUELA**

0900-0400Z. O/T O/R 30 min PPR. ATND SKD  
1030-0230Z. O/T O/R 30 min PPR. Customs:  
0930-0430Z. O/T O/R 30 min PPR.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 7.

**Bocono**

5187' SVBK -04:00 N09 15.9 W070 13.8

**04/22** 4200' ASPHALT.

Caution: Due to presence of animals and people crossing.

ATND SKD SR-SS.

Fire U.

**Cabimas (Oro Negro)**

171' SVON CBS -04:00 N10 19.8 W071 19.3

**06/24** 6562' ASPHALT. PCN 4/F/B/W/T.

ATND SKD SR-SS.

F-4.

Fire U.

**Caicara (Caicara Del Orinoco)**

141' SVCD -04:00 N07 37.0 W066 10.0

**11/29** 4921' ASPHALT.

ATND SKD 1100-2030Z.

F-4, Jet A-1.

**Calabozo**

358' SVCL CLZ -04:00 N08 55.5 W067 25.0

Apt Administration 02468712437.

**09/27** 4790' ASPHALT.

SR-SS. ATND SKD 1130-2100Z.

Birds in vicinity of airport.

CAUTION: People crossing runway.

CAUTION: Ditchalong security zone of RWY 09/27.

F-4.

ABN.

**Canaima**

1339' SVCN CAJ -04:00 N06 13.9 W062 51.3

**18/36** 6890' ASPHALT. PCN 20/F/A/W/T.

SR-SS.

ABN.

**CAPT de Navio Antonio Diaz AB see La Orchila**
**Capture Delta Amacuro Natl see Pedernales**

**Caracas (Oscar Machado Zuloaga Intl)** Apt of Entry

2142' SVCS -04:00 N10 17.2 W066 49.0

Apt Administration 0239 2241245, 0239 2256347; Fax 0239 2240675.

**10/28** 6562' ASPHALT. PCN 19/F/B/Y/U. RL. ALS 10.

1000-0200Z. Customs: PPR.

CAUTION: Birds in vicinity of airport.

F-4, Jet A-1.

ABN.

**Carora**

1496' SVCO VCR -04:00 N10 10.5 W070 03.9

**10/28** 5052' ASPHALT. PCN 26/F/A/W/T.

Caution: people crossing

ATND SKD SR-SS.

**Carupano (Gen Jose Francisco Bermudez)**

85' SVCP CUP -04:00 N10 39.6 W063 15.7

**17/35** 6562' ASPHALT. LDA 35 6660'. ASDA 35 6660'.

SR-SS.

CAUTION: People and livestock crossing rwy.

ABN. Fire N.

**Casique Aramare Natl see Puerto Ayacucho**
**Chief Gen Santiago Marino Intl see Margarita**

## VENEZUELA

**Ciudad Bolivar (Gral. Tomas De Heres)**

164' SVCB CBL -04:00 N08 07.3 W063 32.2  
Apt Administration 02869519937, 9518881.

**07/25** 4892' ASPHALT. PCN 31/F/A/W/T. RL.  
1000-0300 UTC O/T O/R. PPR after 2200Z.  
ATND SKD 1100-2200 UTC.

F-4, Jet A-1.

ABN.

**Ciudad Guayana (Gen. Manuel Carlos Piar Intl)** Apt of Entry

473' SVPR PZO -04:00 N08 17.3 W062 45.6  
Apt Administration 58 0286-9511348, 58  
0286-9513697, 58 0286-9513697/9511348.

**08/26** 6726' ASPHALT. PCN 44 F/A/W/T. RL.  
ALS 08.

ATND SKD 1100-0030Z. Customs:  
0930-0400Z.

CAUTION: Birds and animals in vicinity of airport.

F-4, Jet A-1.

ABN. Fire 7.

**Ciudad Piar**

945' SVDW -04:00 N07 29.5 W063 16.2

**07/25** 4200' ASPHALT.

ATND SKD SR-SS.

Fire U.

**Coro (Jose Leonardo Chirino)**

52' SVCR CZE -04:00 N11 24.9 W069 40.9  
Apt Administration 58 268 2524966; Fax (0268)  
2517745.

**09/27** 6759' ASPHALT. PCN 74/F/C/W/T. LDA  
27 6430'. HIRL. ALS 09.

SR-SS.

CAUTION: Animals in vicinity of airport.

ABN. Fire 6.

**Cumana (Mariscal Antonio Jose De Sucre)**

30' SVCU CUM -04:00 N10 26.9 W064 07.9

Apt Administration 293-4146932.

**08/26** 10171' ASPHALT. PCN 37/F/C/W/T. RL.  
ALS 08.

SR-SS. O/T O/R. ATND SKD AVGAS:  
1030-2230Z. O/T O/R PNR. JET A1:  
1030-0230Z. O/T O/R PNR.

F-4, Jet A-1.

ABN. Fire 7.

**Don Edmundo Barrios see San Tome****Dr Miguel A. Urdaneta F. see Santa Barbara Del Zulia****Dr. Antonio Nicolas Briceno see Valera****El Dorado**

318' SVED EOR -04:00 N06 42.9 W061  
38.3

**08/26** 3937' ASPHALT.

ATND SKD SR-SS.

**El Guayabo (Zulia)**

72' SVEB -04:00 N08 40.6 W072 20.1

**09/27** 3281' ASPHALT.

ATND SKD SR-SS.

Fire U.

**El Libertador AB see Maracay****El Manteco**

1000' SVET -04:00 N08 10.0 W062 21.0

**09/27** 3937' ASPHALT.

ATND SKD SR-SS.

Fire U.

**El Vigia (Juan Pablo Perez Alfonzo)**

249' SVVG VIG -04:00 N08 37.4 W071 40.5  
Apt Administration 275 8818709.

**09/27** 9022' ASPHALT. PCN 65/F/A/W/U. RL.  
SR-0100Z. ATND SKD Mon-Fri 1130-1530Z,  
1800-2200Z.

CAUTION: Birds in vicinity of airport.

## VENEZUELA

F-4, Jet A-1.

ABN. Fire 7.

**Elorza**

295' SVEZ EOZ -04:00 N07 03.5 W069 29.8

**08/26** 3937' ASPHALT. PCN 22/F/C/W/T.

ATND SKD SR-SS.

**Gen Jose Francisco Bermudez see  
Carupano**

**Gen Oswaldo Guevara Mujica see Acarigua**

**Gen. Bartolome Salom see Puerto Cabello**

**Gen. Jose Antonio Anzoategui Intl see  
Barcelona**

**Gen. Jose Tadeo Monagas Intl. see Maturin**

**Gen. Manuel Carlos Piar Intl see Ciudad  
Guayana**

**General Ezequiel Zamora see San Carlos**

**Gral. Juan Vicente Gomez INTL see San  
Antonio Del Tachira**

**Gral. Tomas De Heres see Ciudad Bolivar**

**Guanare**

531' SVGU GUQ -04:00 N09 01.6 W069  
45.3

Apt Administration 02572516870.

**05/23** 5906' ASPHALT. PCN 33/F/D/W/T.  
TORA 23 4758'. LDA 23 4758'. TODA 23 4758'.  
ASDA 23 4758'. RL.

**12/30** 1969' GRAVEL.

SR-SS.

**Guarico Mun see San Juan De Los Morros**

**Guasipati**

951' SVGT -04:00 N07 28.7 W061 54.4

**05/23** 4921' GRAVEL.

SR-SS.

**Guiria (Almirante Cristobal Colon)**

69' SVGI GUI -04:00 N10 34.4 W062 18.7

**05/23** 6562' ASPHALT. PCN 53/F/C/X/T.

SR-SS.

CAUTION: RWY 04 uneven first 1312 ft (400  
m) beyond THR 04.

ABN.

**Hacienda El Calvario**

262' SVHD -04:00 N09 54.0 W072 33.0

**12/30** 3084' ASPHALT.

ATND SKD SR-SS.

**Hacienda Rio Yaza**

492' SVRX -04:00 N09 51.0 W072 33.0

**13/31** 3806' ASPHALT.

ATND SKD SR-SS.

**Higuerote**

12' SVHG -04:00 N10 27.7 W066 05.6

Apt Administration 0239 2256555, 2348086193.

**08/26** 3937' ASPHALT. PCN 38/F/D/W/T.

SR-SS. ATND SKD 1200-2000Z.

ABN.

**Icabaru**

1631' SVIC ICA -04:00 N04 20.2 W061 44.3

**11/29** 3937' GRAVEL.

ATND SKD SR-SS.

**Isla De Coche (Andres Miguel Salazar  
Marcano)**

10' SVIE -04:00 N10 47.7 W063 58.9

**09/27** 3937' ASPHALT.

ATND SKD SR-SS.

**Jacinto Lara Intl see Barquisimeto**

**Jose Leonardo Chirino see Coro**

**Josefa Camejo Intl see Paraguana**

**Juan Pablo Perez Alfonzo see El Vigia**

**VENEZUELA**

**La Chinita Intl see Maracaibo**

**La Divina Pastora**

2582' SVDP -04:00 N04 43.8 W060 57.9

**08/26** 4921' GRASS.

ATND SKD SR-SS.

**La Esmeralda see Amazonas**

**La Fria (Francisco J. G. Hevia)**

322' SVLF LFR -04:00 N08 14.3 W072 16.2

Apt Administration 02775416845.

**01/19** 6644' ASPHALT. PCN 42 F/A/X/T. RL. ALS 19.

SR-SS.

CAUTION: Animal hazard.

VFR overflights of this Apt and its surrounding areas must report position to La Fria Twr.

ABN.

**La Orchila (CAPT de Navio Antonio Diaz AB)**

7' SVLO Mil. -04:00 N11 48.5 W066 10.7

**08/26** 10499' ASPHALT. PCN 24 F/A/Y/T.

ATND SKD SR-SS.

**La Trinidad De Arichuna**

328' SVTK -04:00 N07 08.3 W069 46.5

**07/25** 4921' ASPHALT.

ATND SKD SR-SS.

**Lara see Venelac**

**Las Flecheras see San Fernando De Apure**

**Luepa**

4252' SVPP -04:00 N05 47.5 W061 26.4

**09/27** 4921' ASPHALT.

ATND SKD SR-SS.

Fire U.

**Maiquetia (Simon Bolivar Intl)** Apt of Entry

234' SVMl CCS -04:00 N10 36.1 W066 59.5

Apt Administration 212 3031350.

**09/27** 9514' CONC/ASPH. PCN 84 F/B/W/T. LDA 27 3937'. HIRL. Rwy 09 Landing not allowed. Rwy 27 Takeoff not allowed.

**10/28** 11483' CONC/ASPH. PCN 150 F/B/X/T. TODA 10 11581'. HIRL. ALS 10.

H24 ATND SKD H24. Customs: H24.

CAUTION: while taxiing on TWY J between TWY K and Y limited to aircraft with WT MAX 66139LBS (30000KG) due to cracking asphalt layer.

CAUTION: while taxiing on TWY J between TWY L and M due to cracking asphalt layer.

CAUTION: taxiing OPS of cargo aircraft arriving and leaving must be carried out over RWY 09 and guided to parking with coordination with ground control.

CAUTION: while taxiing on TWY C due to cracking asphalt layer.

CAUTION: crack on concrete and asphalt layer in the first third of THR 10 approximately 984 ft (300m).

CAUTION: birds dispersed by use of fireworks over adjacent airspace. Coordinate with ATS.

CAUTION: max takeoff weight RWY 09/27 176370LBS (80000KG).

CAUTION: with aircraft parking on South side of twy axis.

CAUTION: Work in progress, men and equipment in the movement area.

CAUTION: grass cutting work in progress in security zone of RWY 10/28 and 09/27.

Birds in vicinity of airport.

Customs are by prior permission.

Rwy 28: AUW 734139 lbs (333t) first 984ft (300m).

F-4, Jet A-1.

ABN. Fire 9.

**Maracaibo (La Chinita Intl)** Apt of Entry

240' SVMC MAR -04:00 N10 33.5 W071 43.7

## VENEZUELA

Apt Administration 02617337448.

**03L/21R** 9843' CONC/ASPH. TODA 03L  
11319'. ASDA 03L 10827'. HIRL. ALS 03L.

**03R/21L** 8202' CONC/ASPH. RL.

H24 ATND SKD H24. Customs: H24.

CTN: Birds in vicinity of airport.

RWY 02R/20L is for emergency use only.

F-4, Jet A-1.

ABN. Fire 7.

**Maracay (El Libertador AB)**

1421' SVBL Mil. -04:00 N10 11.0 W067 33.4

**09/27** 9760' ASPHALT. PCN 46/R/C/W/T. ALS 09.

1000-2200Z (SS-SR O/R).

PPR from VAF.

Concentrations of birds about airport.

F-5, Jet A-1.

**Maracay (Mariscal Sucre AB)**

1339' SVBS -04:00 N10 15.0 W067 39.2

**06/24** 4593' ASPHALT. ALS 24.

**11/29** 7087' ASPHALT. ALS 11.

1000-2200Z. SS-SR: O/R.

F-7, F-4, Jet A-1.

ABN.

**Margarita (Chief Gen Santiago Marino Intl)**

Apt of Entry

74' SVMG PMV -04:00 N10 54.7 W063 58.0

Apt Administration 295 2691144, 295 9053746;  
Fax 295 4005000.

**09/27** 9843' ASPHALT. PCN 57F/A/W/T. RL.  
ALS 09.

ATND SKD H24. Customs: H24.

Birds in vicinity of airport.

The commercial aviation platform is limited to  
a maximum of 1 hour for general aviation air-  
craft.

F-4, Jet A-1.

ABN. Fire 7.

**Mariscal Antonio Jose De Sucre see  
Cumana**

**Mariscal Sucre AB see Maracay**

**Maturin (Gen. Jose Tadeo Monagas Intl.)**

Apt of Entry

213' SVMT MUN -04:00 N09 44.9 W063  
09.2

Apt Administration 02129053746.

**06/24** 6890' ASPHALT. PCN 31 F/C/X/T. RL.  
ALS 06.

1030-0430Z. Customs: PPR.

Birds in vicinity of airport.

F-7, F-4, Jet A-1.

ABN.

**Mayor Buenaventura Vivas Intl AB see  
Santo Domingo**

**Merida (Alberto Carnevali)**

5010' SVMD MRD -04:00 N08 34.9 W071  
09.7

Apt Administration 0274 2622583.

**07/25** 5331' ASPH/CONC. PCN 43 F/A/W/T.  
Rwy 07 Takeoff not allowed. Rwy 25 Landing  
not allowed.

15 min before SR-SS.

ABN. Fire 5.

**Oritupano**

485' SVOK -04:00 N09 03.7 W063 26.7

**08/26** 3281' ASPHALT.

ATND SKD SR-SS.

Fire U.

**Oro Negro see Cabimas**

**Oscar Machado Zuloaga Intl see Caracas**

**Palmarito**

348' SVPT PTM -04:00 N07 34.0 W070 11.0

## VENEZUELA

**05/23** 3937' ASPH/TRTD.

ATND SKD SR-SS.

**Paraguana (Josefa Camejo Intl)** Apt of Entry

92' SVJC LSP -04:00 N11 46.8 W070 09.1

Apt Administration 269 2474302/5968; Fax 269 2474580/4249.

**09/27** 9186' CONC/ASPH. PCN 58 F/A/W/T. HIRL. ALS 09.

1000-0230Z. ATND SKD 1030-0300Z. Customs: 1030-0230Z.

Birds in the vicinity of the airport.

F-4, Jet A-1.

ABN. Fire 7.

**Paramillo see San Cristobal**

**Pedernales (Capure Delta Amacuro)**

7' SVPE PDZ -04:00 N09 58.7 W062 13.9

**09/27** 4167' ASPHALT.

SR-SS.

Birds in vicinity of the airport.

**Puerto Ayacucho (Casique Aramare Natl)**

236' SVPA PYH -04:00 N05 37.2 W067 36.4

**04/22** 8268' ASPHALT. PCN 26/F/A/W/T. ALS 04.

SR-SS.

F-4, Jet A-1.

ABN.

**Puerto Cabello (Gen. Bartolome Salom)** Apt of Entry

30' SVPC PBL -04:00 N10 28.8 W068 04.4

Apt Administration 0242-3642859.

**11/29** 6939' ASPHALT. PCN 50/F/D/W/T.

SR-SS. ATND SKD SR-SS.

CAUTION: Birds and animals in vicinity of airport.

Jet A-1.

ABN. Fire 4.

**San Antonio Del Tachira (Gral. Juan Vicente Gomez INTL)** Apt of Entry

1317' SVSA -04:00 N07 50.4 W072 26.4

Apt Administration 02767716255.

**17/35** 6070' ASPHALT. PCN 40/F/C/Y/T.

SR-SS ATND SKD SR-SS. Customs: SR-SS.

CAUTION: Birds in vicinity of airport.

Fuel: U.

ABN. Fire 7.

**San Carlos (General Ezequiel Zamora)**

499' SVCJ -04:00 N09 38.8 W068 34.5

**15/33** 6562' ASPHALT. PCN 12 F/B/W/T. LDA 15 5577'.

ATND SKD SR-SS.

F-4.

**San Cristobal (Paramillo)**

3280' SVPM SCI -04:00 N07 48.1 W072 12.0

Apt Administration 02763468111, 02763468505.

**02/20** 3314' ASPHALT. PCN 12/F/B/W/T.

SR-SS.

CAUTION due to presence of people and animals.

**San Felipe (Sub Teniente Nestor Arias)**

748' SVSP SNF -04:00 N10 16.7 W068 45.3

**05/23** 4921' ASPHALT. PCN 7 F/C/W/T.

ATND SKD SR-SS.

CAUTION due to presence of animals.

**San Fernando De Apure (Las Flecheras)**

157' SVSR SFD -04:00 N07 53.0 W067 26.6

**12/30** 6430' ASPHALT. PCN 33/F/D/W/T.

SR-SS. ATND SKD Mon-Fri 1100-1600Z, 1800-2130Z. O/T PPR.

Concentration of birds in vicinity of airport.

Constant crossing of people and animals on Rwy.



**VENEZUELA**

TWY to RWY 30 closed.

F-4, JP-1.

ABN.

**San Juan De Los Morros (Guarico Mun)**

1490' SVJM -04:00 N09 54.4 W067 22.8

**06/24** 4429' ASPHALT.

ATND SKD SR-SS.

CAUTION: PJE over airport SR-SS. Animal hazard.

**San Tome (Don Edmundo Barrios)**

866' SVST SOM -04:00 N08 56.7 W064 09.0

Apt Administration 0283-2302889.

**08/26** 6299' ASPHALT. PCN 36 F/C/X/T. ALS 08.

SR-SS.

ABN. Fire 6.

**Santa Barbara De Monagas**

804' SVOF -04:00 N09 42.1 W063 37.5

**10/28** 3609' ASPHALT. AUW-13.

ATND SKD SR-SS.

**Santa Barbara Del Zulia (Dr Miguel A. Urdaneta F.)**

16' SVSZ STB -04:00 N08 58.4 W071 56.6

**01/19** 8809' ASPHALT. PCN 33 F/C/W/T. LDA 19 8569'. RL.

SR-SS.

Airport located inside a restricted area SVR-2513, GND to FL030.

ABN.

**Santa Elena see Santa Elena De Uairen Ntl**

**Santa Elena De Uairen Ntl (Santa Elena)**

2949' SVSE SNV -04:00 N04 33.3 W061 08.7

Apt Administration Mobile 0289 - 416-0051.

**11/29** 5413' ASPHALT.

SR-SS. ATND SKD SR-SS.

OBS Apch 29: Mountain 2NM (4Km) from center line Apch. Trees Right side of Rwy. OBS Apch 11: Trees on apch and left side of Rwy. Mountain on the right side.

F-4, Jet A-1.

ABN.

**Santo Domingo (Mayor Buenaventura Vivas Intl) Apt of Entry**

1083' SVSO STD -04:00 N07 33.9 W072 02.1

Apt Administration 0276-3435121.

**12/30** 9908' ASPHALT. PCN 100 F/C/W/T. RL. ALS 30. Rwy 12 Landing not allowed.

1000-0200Z. ATND SKD Only for military acft. Customs: Mon 1130-2030Z.

CATUTION: Undulations along RWY 12/30.

Fuel JET A-1 and 100/130 for military aircraft only.

ABN. Fire 2.

**Simon Bolivar Intl see Maiquetia**

**Sub Teniente Nestor Arias see San Felipe**

**Tucupita**

16' SVTC TUV -04:00 N09 05.3 W062 05.6

**08/26** 5577' ASPHALT. PCN 65/F/C/X/T.

ATND SKD SR-SS.

**Tumeremo**

581' SVTM TMO -04:00 N07 14.9 W061 31.7

**08/26** 9842' ASPHALT.

ATND SKD SR-SS.

**Uon-Quen**

2822' SVUQ -04:00 N04 59.0 W061 43.8

**16/34** 4101' GRASS.

ATND SKD SR-SS.

**VENEZUELA**
**Upata**

1057' SVUP -04:00 N07 58.7 W062 19.7

**07/25** 3609' GRAVEL.

**12/30** 3609' ASPHALT.

ATND SKD SR-SS.

Fire U.

**Uriman**

1148' SVUM URM -04:00 N05 20.0 W062 46.0

**12/30** 3937' SAND. AUW-4.

ATND SKD SR-SS.

**Valencia (Arturo Michelena Intl)** Apt of Entry

1417' SVVA VLN -04:00 N10 09.0 W067 55.4

Apt Administration 241 513-9902; Fax 241 834-7960; aeropto@telcel.net.ve.

**10/28** 9843' ASPHALT. PCN 103/F/D/W/T. RL. ALS 10.

0930-0430Z. ATND SKD 0930-0430Z. Customs: 0930-0430Z.

Birds in vicinity of airport.

Overflight forbidden of Fort Paramacay facilities located north of Valencia city.

Widebody Acft in taxi operations for Rwy 10 must use turn apron for Rwy at N end of Thr 10.

Fueling: Mon-Fri: 1200-2000 UTC

F-4, Jet A-1.

ABN. Fire 8.

**Valera (Dr. Antonio Nicolas Briceno)**

1946' SVVL VLV -04:00 N09 20.4 W070 35.0

Apt Administration 02712440763.

**03/21** 6562' ASPHALT. PCN 45/F/B/W/T. ALS 21.

SR-SS.

CAUTION: People, birds and animals in vicinity of airport.

F-4.

ABN.

**Valle De La Pascua**

604' SVVP VDP -04:00 N09 13.3 W065 59.6

**08/26** 4922' ASPHALT. PCN 6 F/D/W/T.

SR-SS. ATND SKD Mon-Fri 1100-1530Z and 1700-2030Z, other times PPR.

CTN: People and animals in vicinity of airport.

PERM CTN: Shooting in movement area due a presence of birds.

F-4, Jet A-1.

**Vara de Maria (Guasdalito)**

427' SVGD GDO -04:00 N07 12.6 W070 45.4

**06/24** 3904' ASPHALT. PCN 44/F/C/W/T.

**Venelac (Lara)**

1969' SVVQ -04:00 N10 14.5 W070 30.1

**13/31** 4987' ASPHALT.

ATND SKD SR-SS.

Fire U.

**Zulia see El Guayabo**