

GENERAL

Operational Hours

ATS Hours: TWR 0900-0200‡

AD Operator Hours: 0900-0200‡

Airport Information

RFF: CAT 7

Fuel: Kerosene for turbine ENG: 100, AD100, 120, AD120, AVBL between 0800-0200‡

PCN: RWY 17L/35R: 38/F/B/X/U, RWY 17R/35L: 50/F/B/X/T

Customs: Not AVBL

Operation

TWY Restriction

TWY A, D, T width 18m / 59ft.

TWY R width 15m / 49ft.

TWY P, Q width 12m / 39ft.

TWY O width 11m / 36ft.

TWY S width 10m / 33ft.

Noise Abatement Procedure: NAP in effect for ACFT with MTOM 11t / 24250lbs or above.

ARRIVAL

Communication

COM Failure: See CRAR and in addition:

RWY 35L/R**CPN 1B**

Complete arrival until OGTAL and execute procedure authorized by ATC, or, if being vectored on HDG 165, keep this HDG, MNM ALT 7000ft until D26 CGO, then turn left and start final APCH

RNAV CPN 2B

Complete arrival until OGTAL and execute procedure authorized by ATC, or, if being vectored on HDG 170°, keep this HDG, MNM ALT 7000ft up to 15NM from OGTAL, then turn left and start final APCH.

RNAV PAGOG 2A, SAT 2A

Complete arrival until ISOVU/NAXUP and execute procedure authorized by ATC.

SAT 1B

Complete arrival until NAXUP and execute procedure authorized by ATC.

RNAV VUDBU 2A

Complete arrival until OGTAL and execute procedure authorized by ATC, or, if being vectored on HDG 170°, keep this HDG, MNM ALT 7000ft up to 15NM from OGTAL, then turn left and start final APCH.

VUDBU 1B

Complete arrival until OGTAL and execute procedure authorized by ATC, or, if being vectored on HDG 165°, keep this HDG, MNM ALT 7000ft, until D26 CGO. Then turn left and start final APCH.

RWY 17L/R**CPN 1B**

Complete arrival until IROPU, then turn left R314 STN until Santana VOR and execute procedure authorized by ATC.

RNAV CPN 2A

Complete arrival until LUDVI and execute procedure authorized by ATC.

ARRIVAL

KOMGU 2A

Complete arrival until KOMGU and execute procedure authorized by ATC, or, if being vectored on HDG 285°, keep this HDG, MNM ALT 6000ft up to 15NM from KOMGU, then turn right and start final APCH.

SALTU 1B

Complete arrival until OPRON and execute procedure authorized by ATC, or, if being vectored on HDG 310°, keep this HDG, MNM ALT 6000ft, until D22 CGO. Then turn right until Santana VOR and execute procedure authorized by ATC.

Arrival Procedure

Non-standard GP intercept position on**RWY 17R**

GP intercepts RWY 17R at *331m / 1086ft* after landing threshold.

Remaining DIST beyond GP is *1329m / 4360ft*.

RWY 35L

GP intercepts RWY 35L at *314m / 1030ft* after landing threshold.

Remaining DIST beyond GP is *1346m / 4416ft*.

DEPARTURE

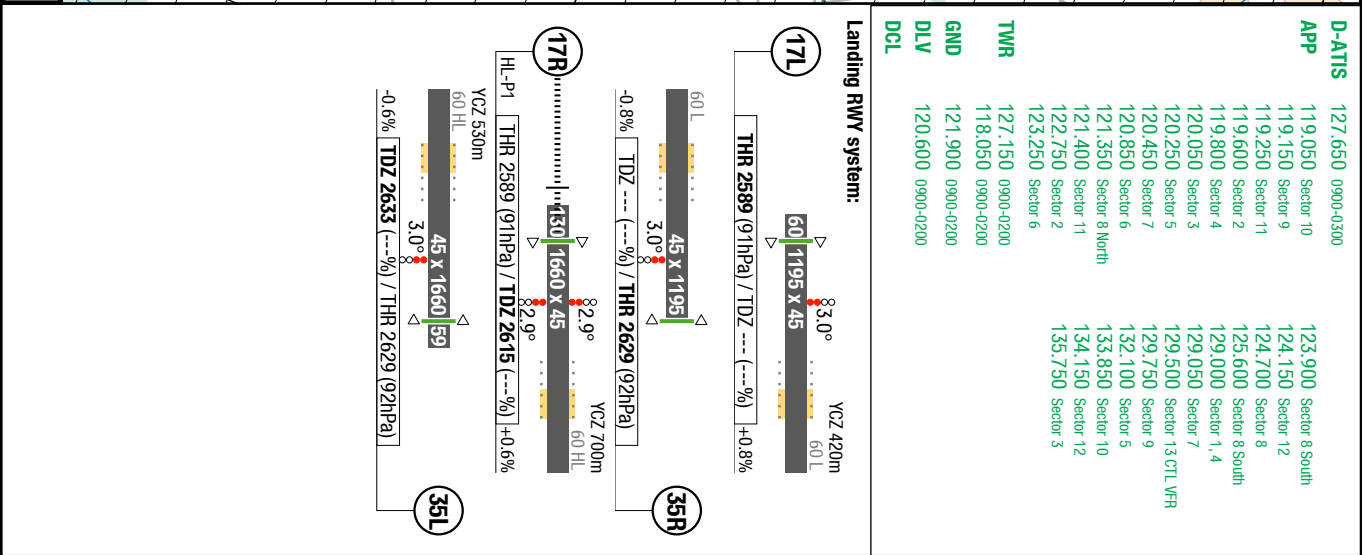
Take-off Minima

RWY		17R	
Multi ENG	ft - m/km	RNAV SIDs: PORBI 2A, IMBID 2A, PUKRA 2A	
		0 - 400R	TKOF ALTN AVBL, HJ only, LVTO with HUD
		0 - 500R/600V	TKOF ALTN AVBL, HJ only
		0 - 800R/800V	TKOF ALTN AVBL, HN
		All other departures	
		0 - 500R/600V	TKOF ALTN AVBL, HJ only
		0 - 800R/800V	TKOF ALTN AVBL, HN
All ACFT		c600 - 2.1V	-
RWY		35L	
Multi ENG	ft - m/km	RNAV SIDs: IMBID 1E, PUKRA 1E	
		0 - 400R	TKOF ALTN AVBL, HJ only, LVTO with HUD
		0 - 500R/600V	TKOF ALTN AVBL, HJ only
		0 - 800R/800V	TKOF ALTN AVBL, HN
		All other departures	
		0 - 500R/600V	TKOF ALTN AVBL, HJ only
		0 - 800R/800V	TKOF ALTN AVBL, HN
All ACFT		c600 - 2.1V	-
RWY		17L	
Multi ENG	ft - m/km	0 - 600V	TKOF ALTN AVBL, HJ only
		0 - 800V	TKOF ALTN AVBL, HN
All ACFT		c600 - 2.1V	-

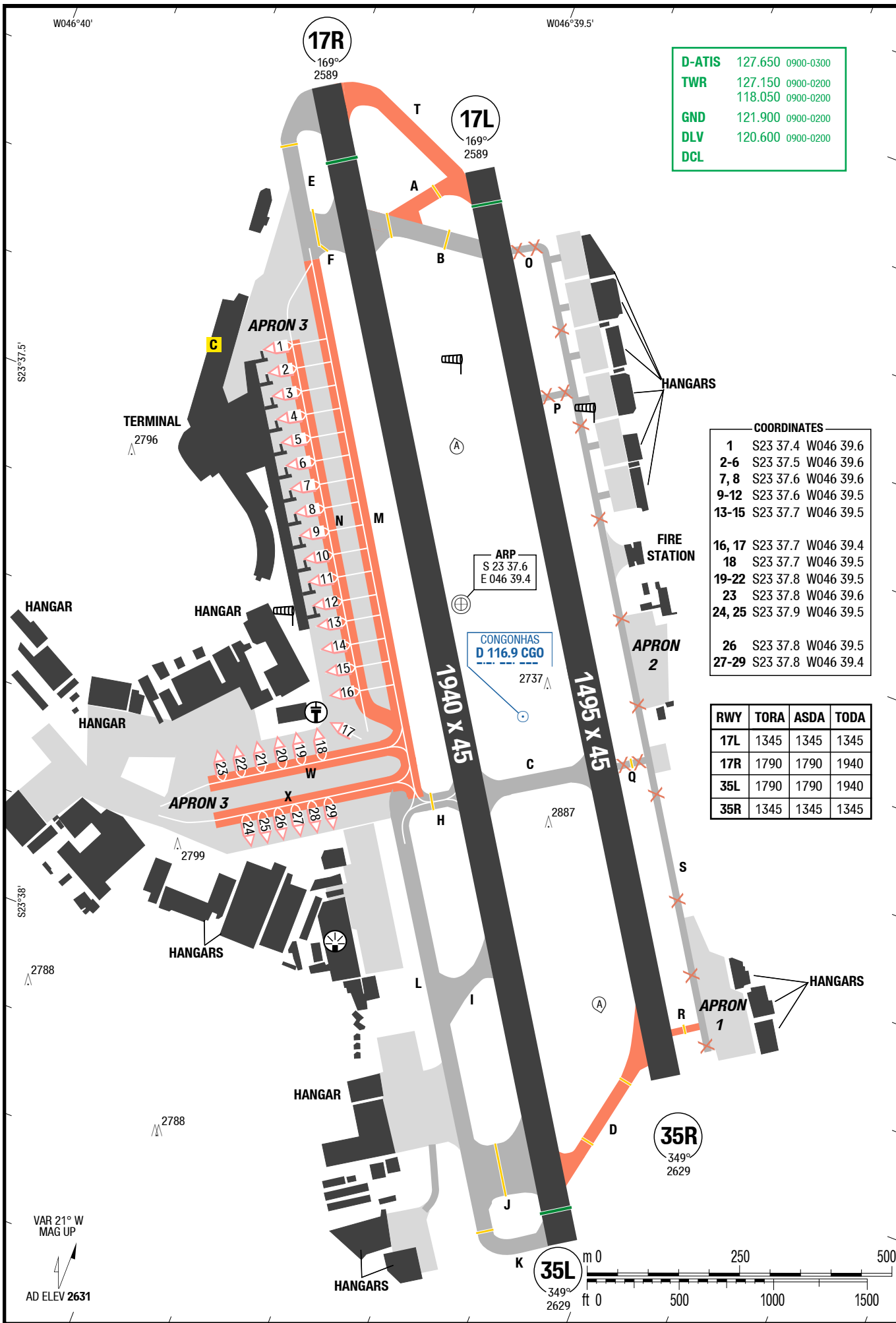
DEPARTURE			
RWY		35R	
Multi ENG	ft - m/km	0 - 600V	TKOF ALTN AVBL, HJ only
		0 - 800V	TKOF ALTN AVBL, HN
All ACFT		c600 - 2.1V	-
Communication			
COM Failure: See CRAR.			

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AGC
AFC



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06-SEP-2018

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RNAV 17L/R PORBI 2A

4-10

RNAV 17L/R IMBID 2A / PUKRA 2A

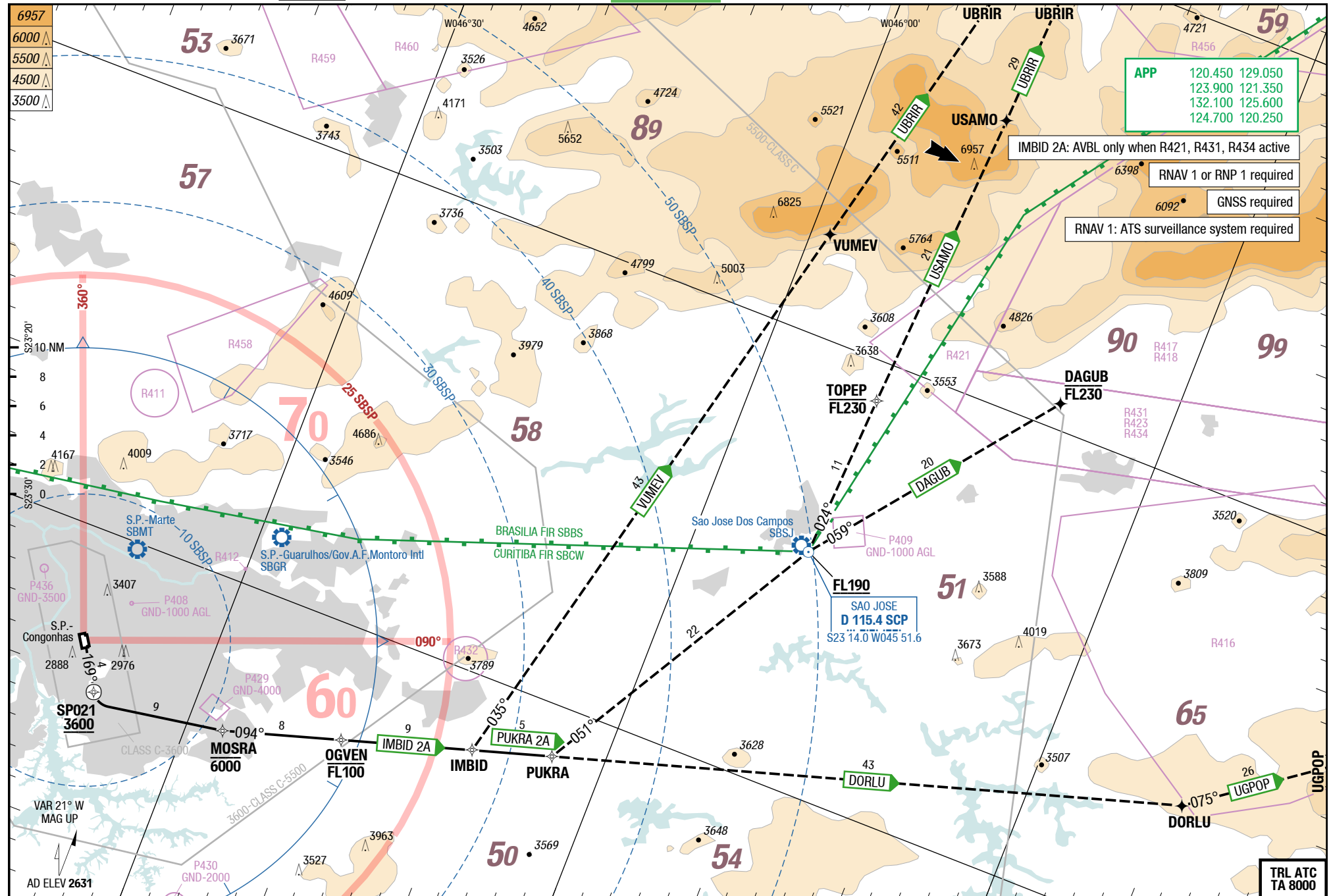
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RNAV 17L/R PORBI 2A

RNAV 17L/R IMBID 2A / PUKRA 2A



Changes: Nil

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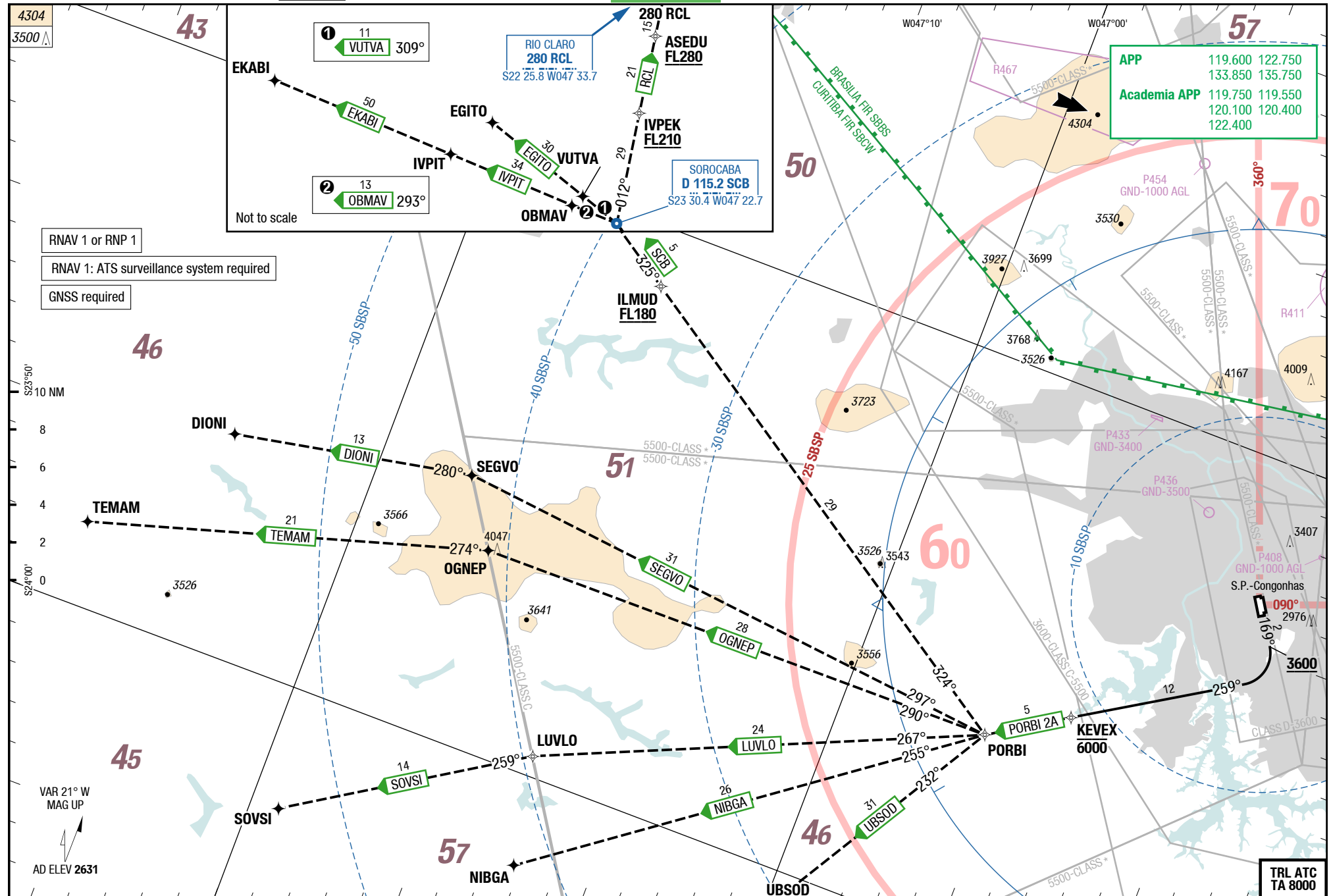
4-20

RNAV 17L/R PORBI 2A

SID

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RNAV 17L/R PORBI 2A

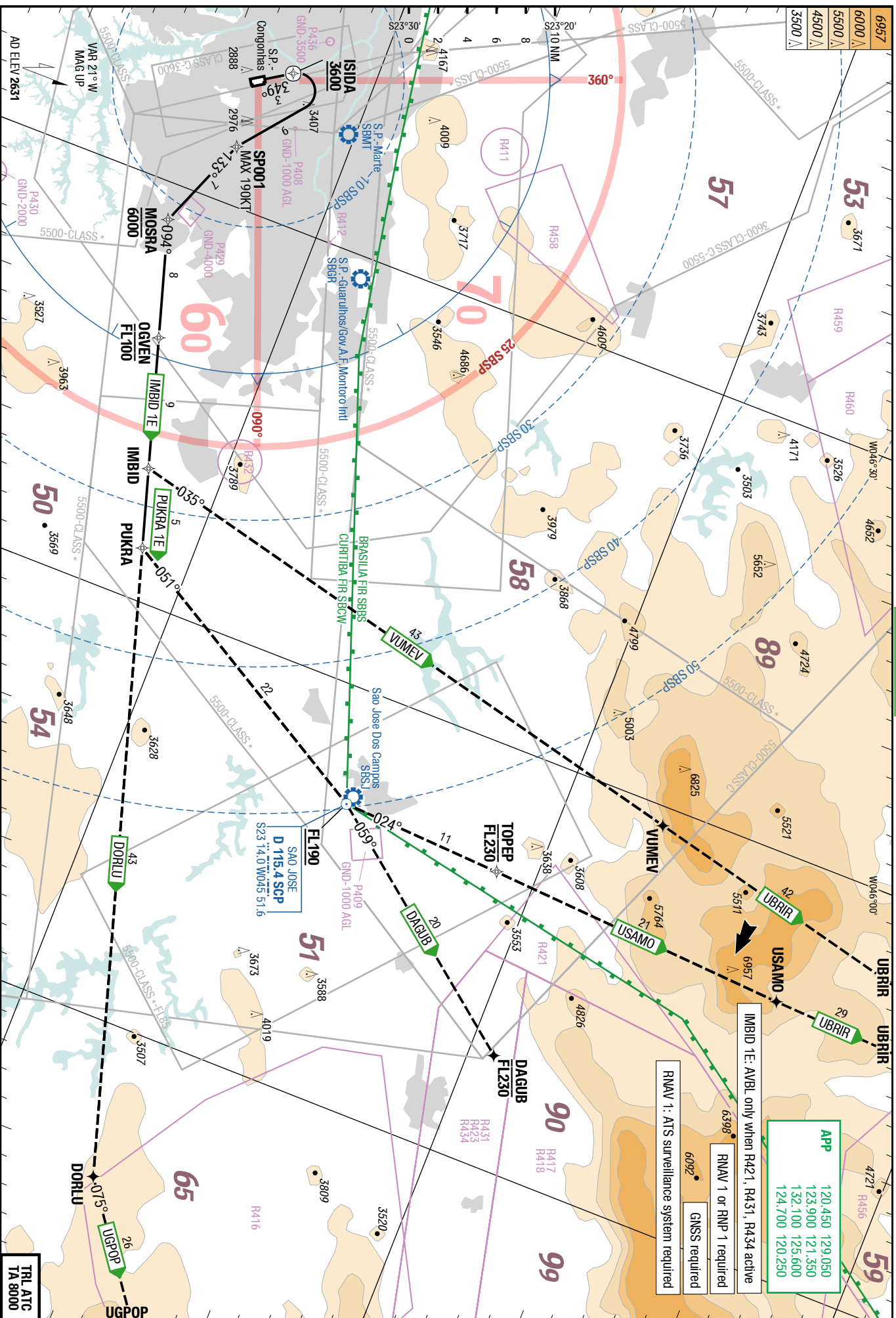


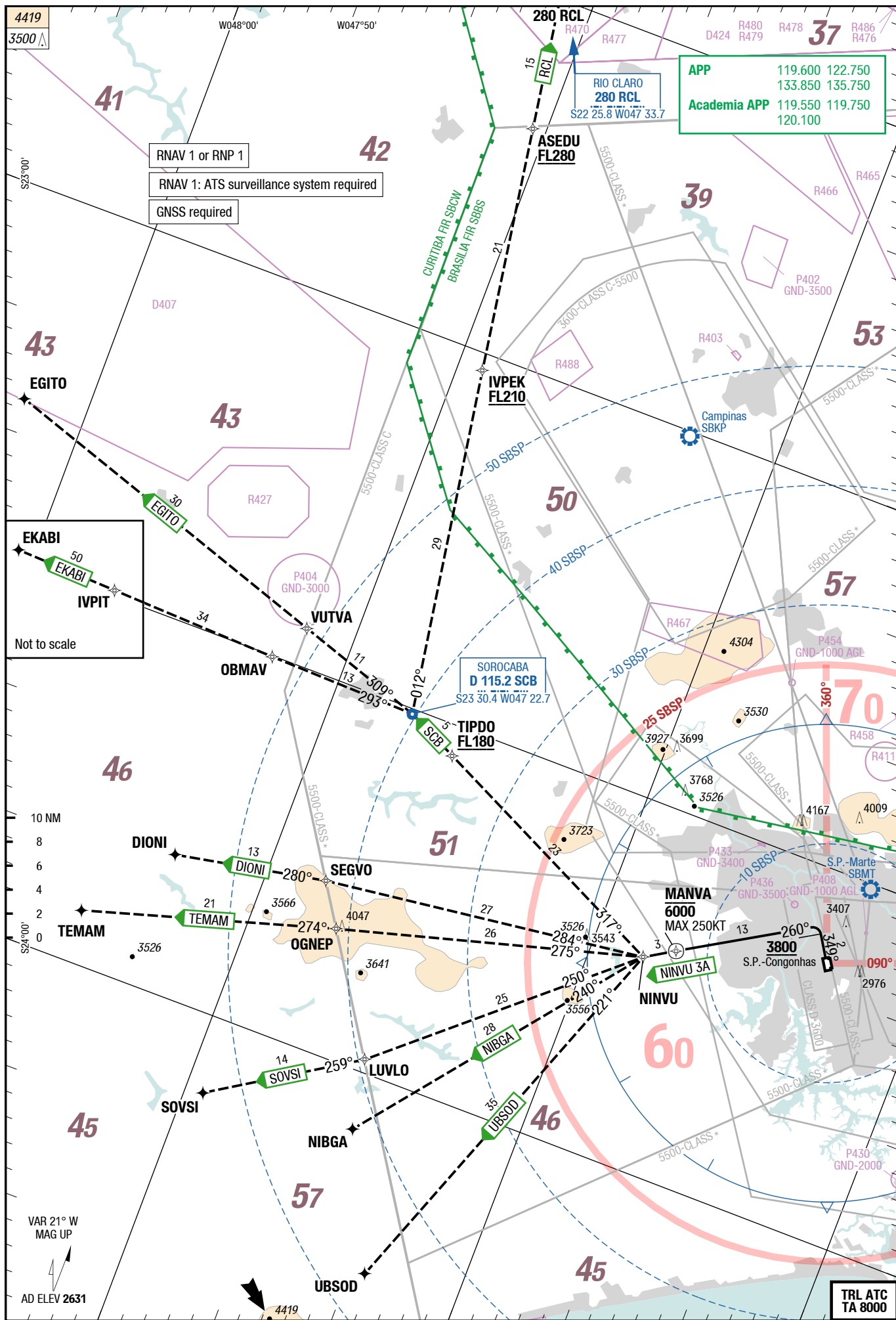
Changes: FREQ, ASP, OBST, Note, SUAs

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BNV 3.51 / R NINVI 3A

RNAV 35L/R IMBID 1E / PUKRA 1E





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RWYs 17L/R PORBI 1C

4-50

RWYs 17L/R IMBID 1F / PUKRA 1F

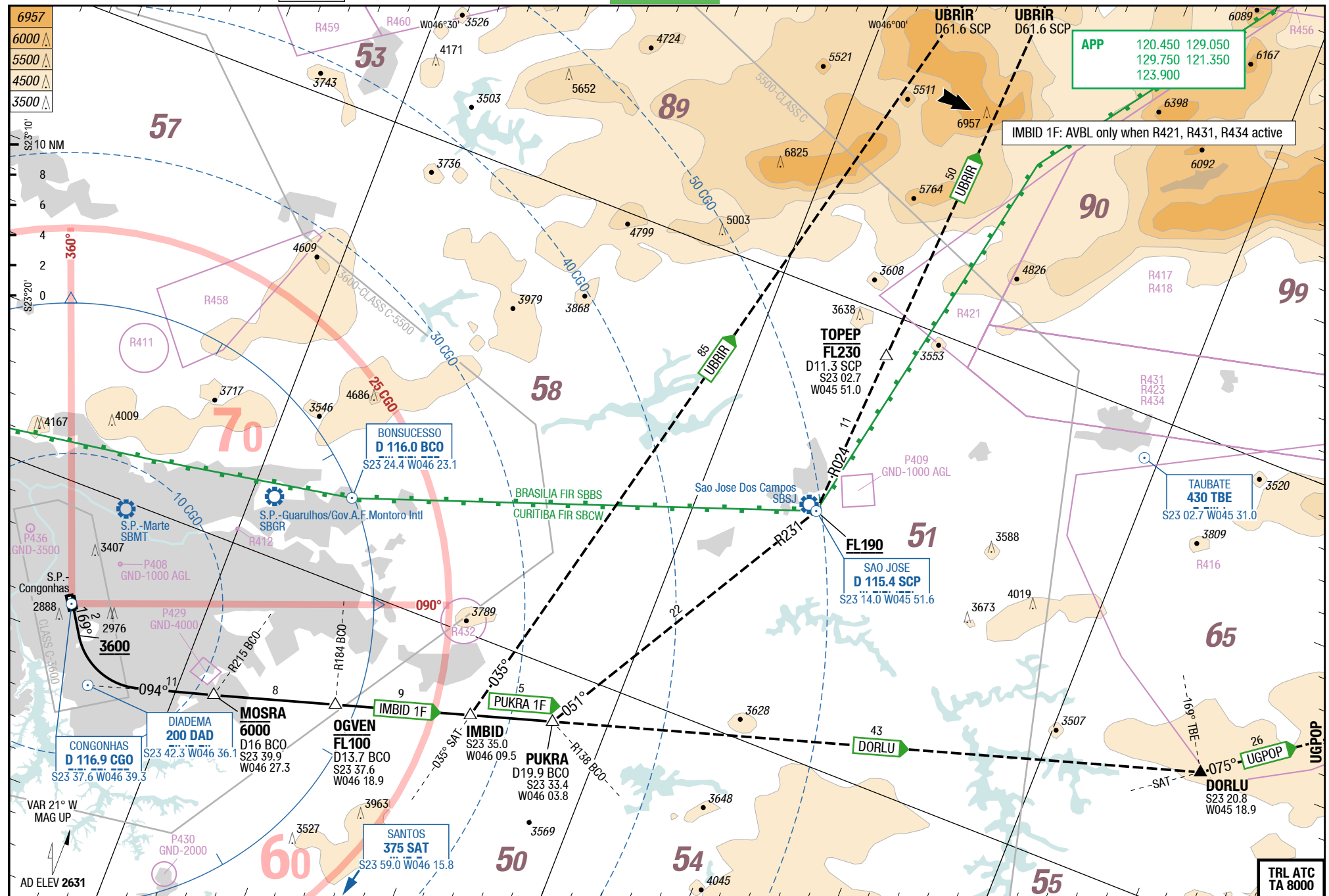
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RWYs 17L/R PORBI 1C

RWYs 17L/R IMBID 1F / PUKRA 1F



Changes: Nil

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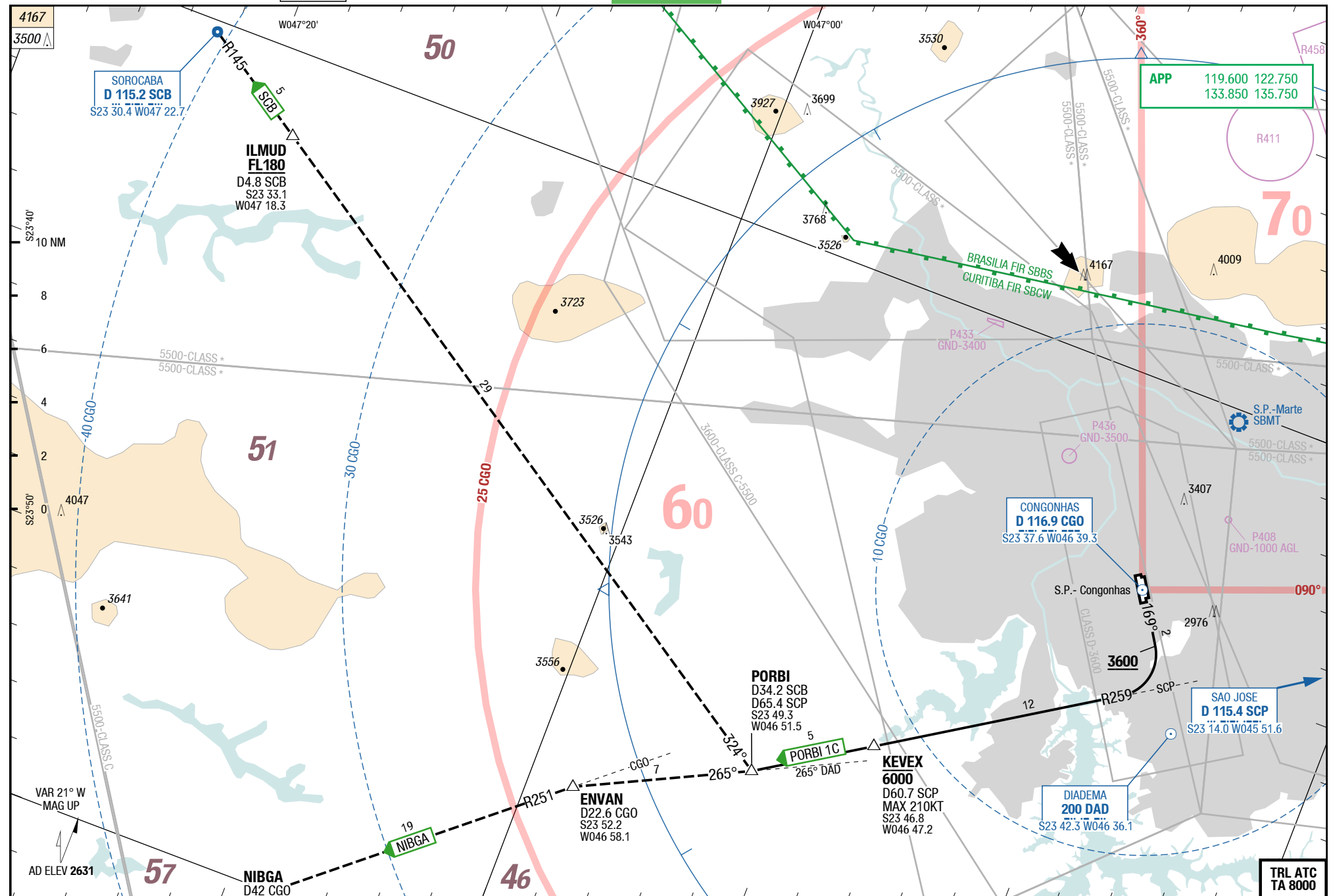
4-60

RWYs 17L/R PORBI 1C

SID

SID

RWYs 17L/R PORBI 1C



Changes: FREQ, ASP, OBST

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RWYs 35L/R NINVU 1C

4-70

RWYs 35L/R IMBID 1G / PUKRA 1G

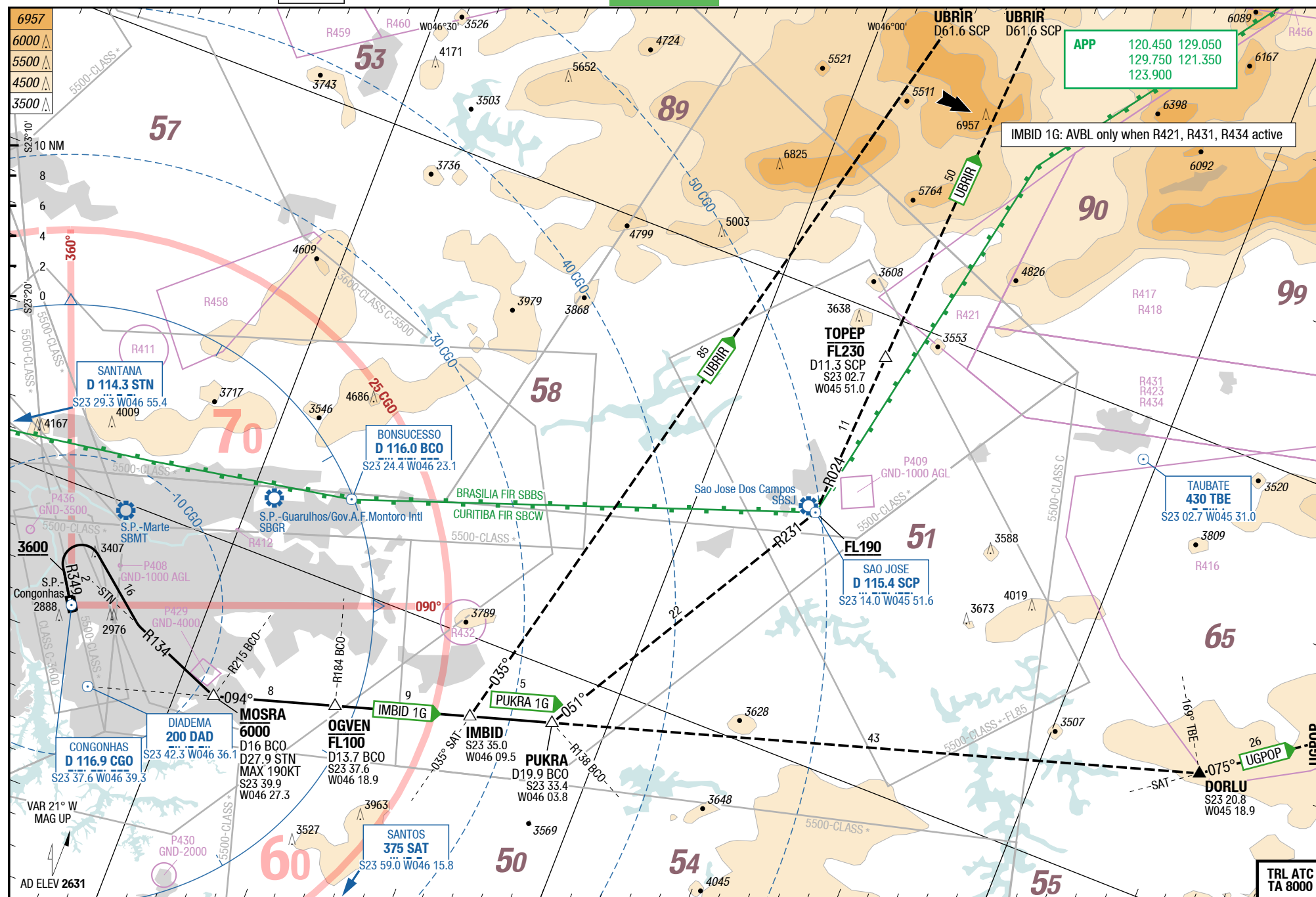
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RWYs 35L/R NINVU 1C

RWYs 35L/R IMBID 1G / PUKRA 1G



Changes: Nil

TRL ATC
TA 8000

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4-80

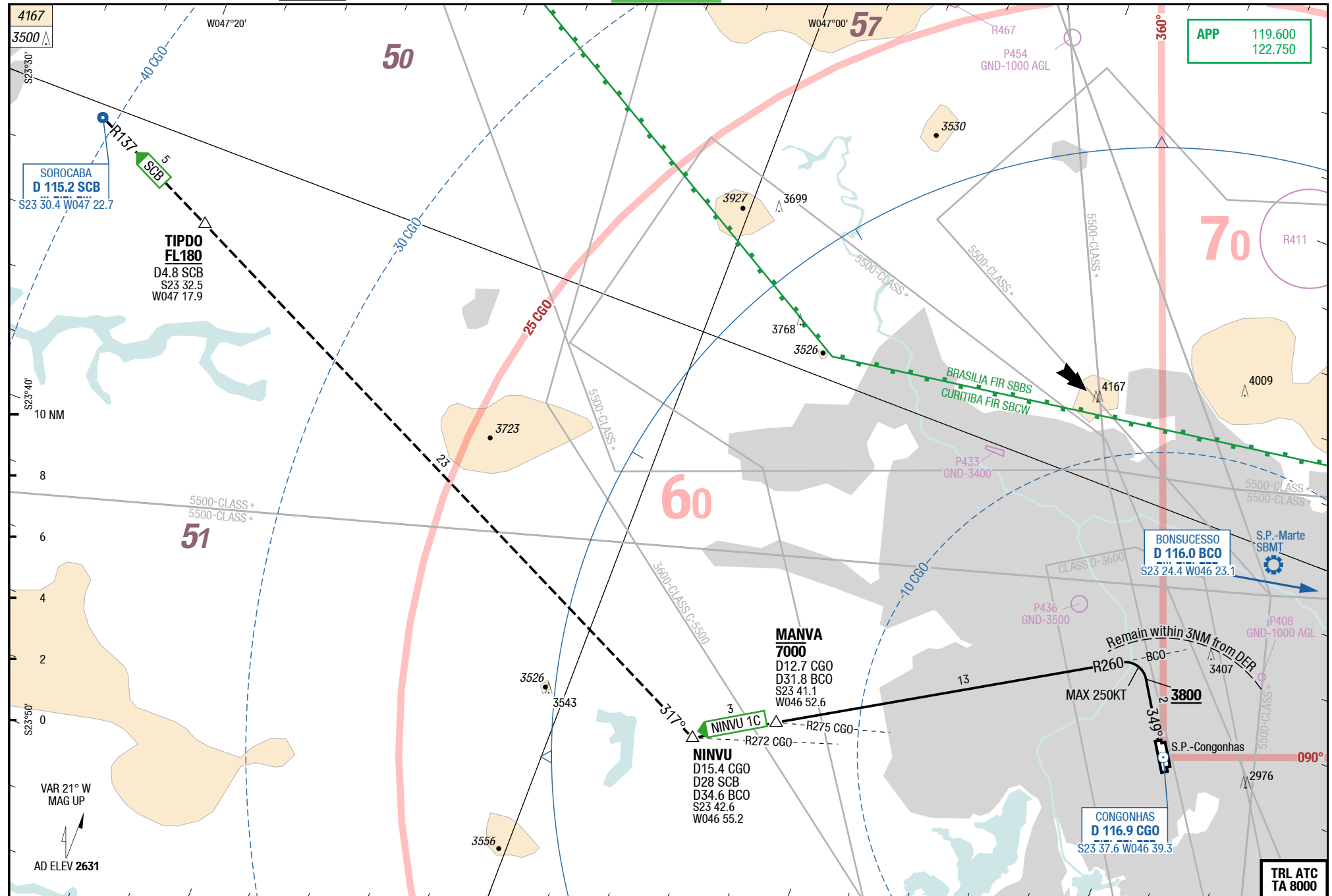
RWYs 35L/R NINVU 1C

SID

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RWYs 35L/R NINVU 1C



Changes: FREQ, ASP, OBST, SUAs

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5-10

RNAV 17L/R IMBID 2A / PUKRA 2A

IMBID 2A / PUKRA 2A

RWYs 17L/R (169°)

	GS	120	150	180	210	240	270
5.4%	ft/MIN	700	900	1000	1200	1400	1500

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17L/17R	
IMBID 2A 5.4% to 3600 120.450 ①	SP021 - MOSRA - OGVEN - IMBID	SP021 MNM 3600 MOSRA MAX 6000 OGVEN MAX FL110
	TRANSITION	
	UBRIR IMBID - VUMEV - UBRIR	
	VUMEV IMBID - VUMEV	
PUKRA 2A 5.4% to 3600 120.450	SP021- MOSRA - OGVEN - IMBID - PUKRA	SP021 MNM 3600 MOSRA MAX 6000 OGVEN MAX FL100
	TRANSITION	
	DAGUB PUKRA - SCP - DAGUB	SCP MNM FL190 DAGUB MAX FL230
	DORLU PUKRA - DORLU	
	UBRIR PUKRA - SCP - TOPEP - USAMO - UBRIR	SCP MNM FL190 TOPEP MAX FL230
	UGPOP PUKRA - DORLU - UGPOP	
	USAMO PUKRA - SCP - TOPEP - USAMO	SCP MNM FL190 TOPEP MAX FL230

① AVBL only when R421, R431, R434 active.

Changes: ALT, PROC, QFU, PROC renumbered

PORBI 2A

RWYs 17L/R (169°)

	GS	120	150	180	210	240	270
5.3%	ft/MIN	700	900	1000	1200	1300	1500

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17L/17R	
PORBI 2A 5.3% to 4000 119.600	[A3600+; R] - KEVEX - PORBI	KEVEX MAX 6000
	TRANSITION	
	DIONI PORBI - SEGVO - DIONI	
	EGITO PORBI - ILMUD - SCB - VUTVA - EGITO	ILMUD MNM FL180
	EKABI PORBI - ILMUD - SCB - OBMAV - IVPIT - EKABI	ILMUD MNM FL180
	IVPIT PORBI - ILMUD - SCB - OBMAV - IVPIT	ILMUD MNM FL180
	LUVLO PORBI - LUVLO	
	NIBGA PORBI - NIBGA	
	OBMAV PORBI - ILMUD - SCB - OBMAV	ILMUD MNM FL180
	OGNEP PORBI - OGNEP	
	RIO CLARO (RCL) PORBI - ILMUD - SCB - IVPEK - ASEDU - RCL	ILMUD MNM FL180 IVPEK MNM FL210 ASEDU MNM FL280
	SEGVO PORBI - SEGVO	
	SOROCABA (SCB) PORBI - ILMUD - SCB	ILMUD MNM FL180
	SOVSI PORBI - LUVLO - SOVSI	
	TEMAM PORBI - OGNEP - TEMAM	
	UBSOD PORBI - UBSOD	
	VUTVA PORBI - ILMUD - SCB - VUTVA	ILMUD MNM FL180

IMBID 1E / PUKRA 1E

RWYs 35L/R (349°)

	GS	120	150	180	210	240	270
9.0%	ft/MIN	1100	1400	1700	2000	2200	2500

DESIGNATOR	ROUTING	ALTITUDES
	Runway 35L/35R	
IMBID 1E 9.0% to 4000 120.450 ①	ISIDA - SP001 [K190-] - MOSRA - OGVEN - IMBID	ISIDA MNM 3600 MOSRA MAX 6000 OGVEN MAX FL100
	TRANSITION	
	UBRIR IMBID - VUMEV - UBRIR	
	VUMEV IMBID - VUMEV	
PUKRA 1E 9.0% to 4000 120.450	ISIDA - SP001 [K190-] - MOSRA - OGVEN - IMBID - PUKRA	ISIDA MNM 3600 MOSRA MAX 6000 OGVEN MAX FL100
	TRANSITION	
	DAGUB PUKRA - SCP - DAGUB	SCP MNM FL190 DAGUB MAX FL230
	DORLU PUKRA - DORLU	
	UBRIR PUKRA - SCP - TOPEP - USAMO - UBRIR	SCP MNM FL190 TOPEP MAX FL230
	UGPOP PUKRA - DORLU - UGPOP	
	USAMO PUKRA - SCP - TOPEP - USAMO	SCP MNM FL190 TOPEP MAX FL230

① AVBL only when R421, R431, R434 active.

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5-40

RNAV 35L/R NINVU 3A

NINVU 3A

RWYs 35L/R (349°)

	GS	120	150	180	210	240	270
5.5%	ft/MIN	700	900	1100	1200	1400	1600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 35L/35R	
NINVU 3A 5.5% to 4000 119.600	[A3800+] - <u>MANVA</u> [K250-] - NINVU	MANVA MAX 6000
	TRANSITION	
	DIONI NINVU - SEGVO - DIONI	
	EGITO NINVU - TIPDO - SCB - VUTVA - EGITO	TIPDO MNM FL180
	EKABI NINVU - TIPDO - SCB - OBMAV - IVPIT - EKABI	TIPDO MNM FL180
	NIBGA NINVU - NIBGA	
	RIO CLARO (RCL) NINVU - TIPDO - SCB - IVPEK - ASEDU - RCL	TIPDO MNM FL180 IVPEK MNM FL210 ASEDU MNM FL280
	SOROCABA (SCB) NINVU - TIPDO - SCB	TIPDO MNM FL180
	SOVSI NINVU - LUVLO - SOVSI	
	TEMAM NINVU - OGNEP - TEMAM	
	UBSOD NINVU - UBSOD	

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5-50

RWYs 17L/R IMBID 1F / PUKRA 1F

IMBID 1F / PUKRA 1F

RWYs 17L/R (169°)

	GS	120	150	180	210	240	270
4.4%	ft/MIN	600	700	900	1000	1100	1300

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17L/17R	
IMBID 1F 4.4% to 6000 120.450 ①	at MNM 3600 LT intercept QDR 094 DAD to MOSRA - OGVEN - IMBID	MOSRA MAX 6000 OGVEN MAX FL100
	TRANSITION	
	UBRIR IMBID - QDR 035 SAT to UBRIR	
PUKRA 1F 4.4% to 6000 120.450	at MNM 3600 LT intercept QDR 094 DAD to MOSRA - OGVEN - IMBID - PUKRA	MOSRA MAX 6000 OGVEN MAX FL100
	TRANSITION	
	DORLU PUKRA - QDR 094 DAD to DORLU	
	UBRIR PUKRA - R231 SCP to SCP - R024 SCP to TOPEP - UBRIR	SCP MNM FL190 TOPEP MAX FL230
	UGPOP PUKRA - QDR 094 DAD to DORLU - QDR 075 SAT to UGPOP	

① AVBL only when R421, R431, R434 active.

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5-60

RWYs 17L/R PORBI 1C

PORBI 1C

RWYs 17L/R (169°)

	GS	120	150	180	210	240	270
5.3%	ft/MIN	700	900	1000	1200	1300	1500

DESIGNATOR	ROUTING	ALTITUDES
	Runway 17L/17R	
PORBI 1C 5.3% to 4000 119.600	at MNM 3600 RT intercept R259 SCP to KEVEX (MAX 210KT) - PORBI	KEVEX MAX 6000
	TRANSITION	
	NIBGA PORBI - QDR 265 DAD to ENVAN - intercept R251 CGO to NIBGA	
	SOROCABA (SCB) PORBI - intercept R145 SCB via ILMUD to SCB	ILMUD MNM FL180

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5-70

RWYs 35L/R IMBID 1G / PUKRA 1G

IMBID 1G / PUKRA 1G

RWYs 35L/R (349°)

	GS	120	150	180	210	240	270
9.0%	ft/MIN	1100	1400	1700	2000	2200	2500

DESIGNATOR	ROUTING	ALTITUDES
	Runway 35L/35R	
IMBID 1G 9.0% to 4000 120.450 ①②	intercept R349 CGO - at MNM 3600 RT intercept R134 STN to MOSRA (MAX 190KT) - QDR 094 DAD to OGVEN - IMBID	MOSRA MAX 6000 OGVEN MAX FL100
	TRANSITION	
	UBRIR IMBID - QDR 035 SAT to UBRIR	
PUKRA 1G 9.0% to 4000 120.450 ②	intercept R349 CGO - at MNM 3600 RT intercept R134 STN to MOSRA (MAX 190KT) - QDR 094 DAD to OGVEN - IMBID - PUKRA	MOSRA MAX 6000 OGVEN MAX FL100
	TRANSITION	
	DORLU PUKRA - QDR 094 DAD to DORLU	
	UBRIR PUKRA - R231 SCP to SCP - R024 SCP to TOPEP - UBRIR	SCP MNM FL190 TOPEP MAX FL230
	UGPOP PUKRA - QDR 094 DAD to DORLU - QDR 075 SAT to UGPOP	

① AVBL only when R421, R431, R434 active.

② Close-in obstacles: building, 314m / 1030ft from THR 17L, BRG 018°, 2675ft MSL. Building, 338m / 1109ft from THR 17L, BRG 015°, 2678ft MSL.

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5-80

RWYs 35L/R NINVU 1C**NINVU 1C**

RWYs 35L/R (349°)

	GS	120	150	180	210	240	270
5.5%	ft/MIN	700	900	1100	1200	1400	1600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 35L/35R	
NINVU 1C 5.5% to 4000 119.600	at MNM 3800 LT (MAX 250KT, remain within 3NM from DER) intercept R260 BCO to MANVA - NINVU	MANVA MAX 7000
	TRANSITION	
	SOROCABA (SCB) NINVU - R137 SCB via TIPDO to SCB	TIPDO MNM FL180

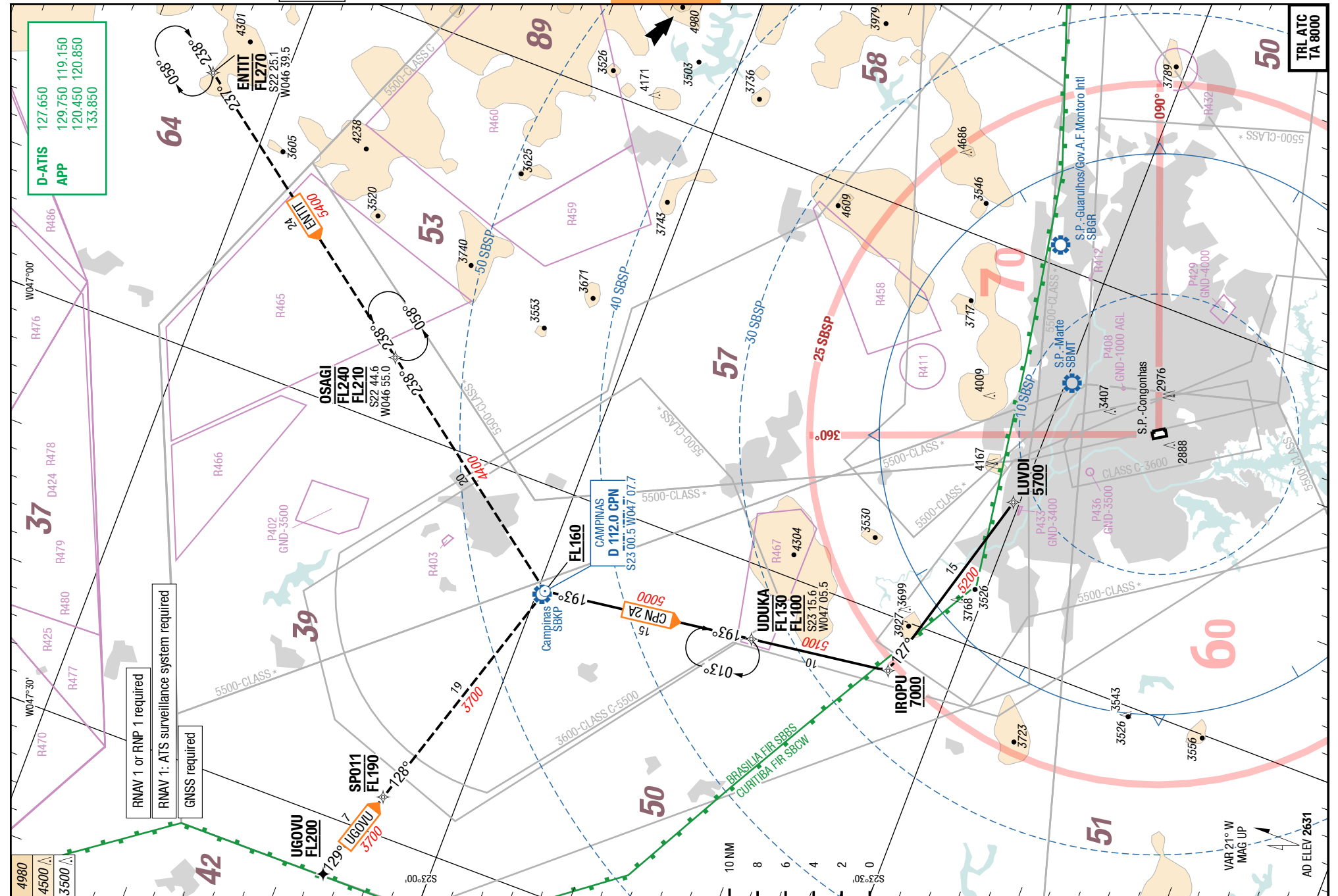
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RNAV 17L/R CPN 2A

STAR

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RNAV 17L/R CPN 2A



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6-20

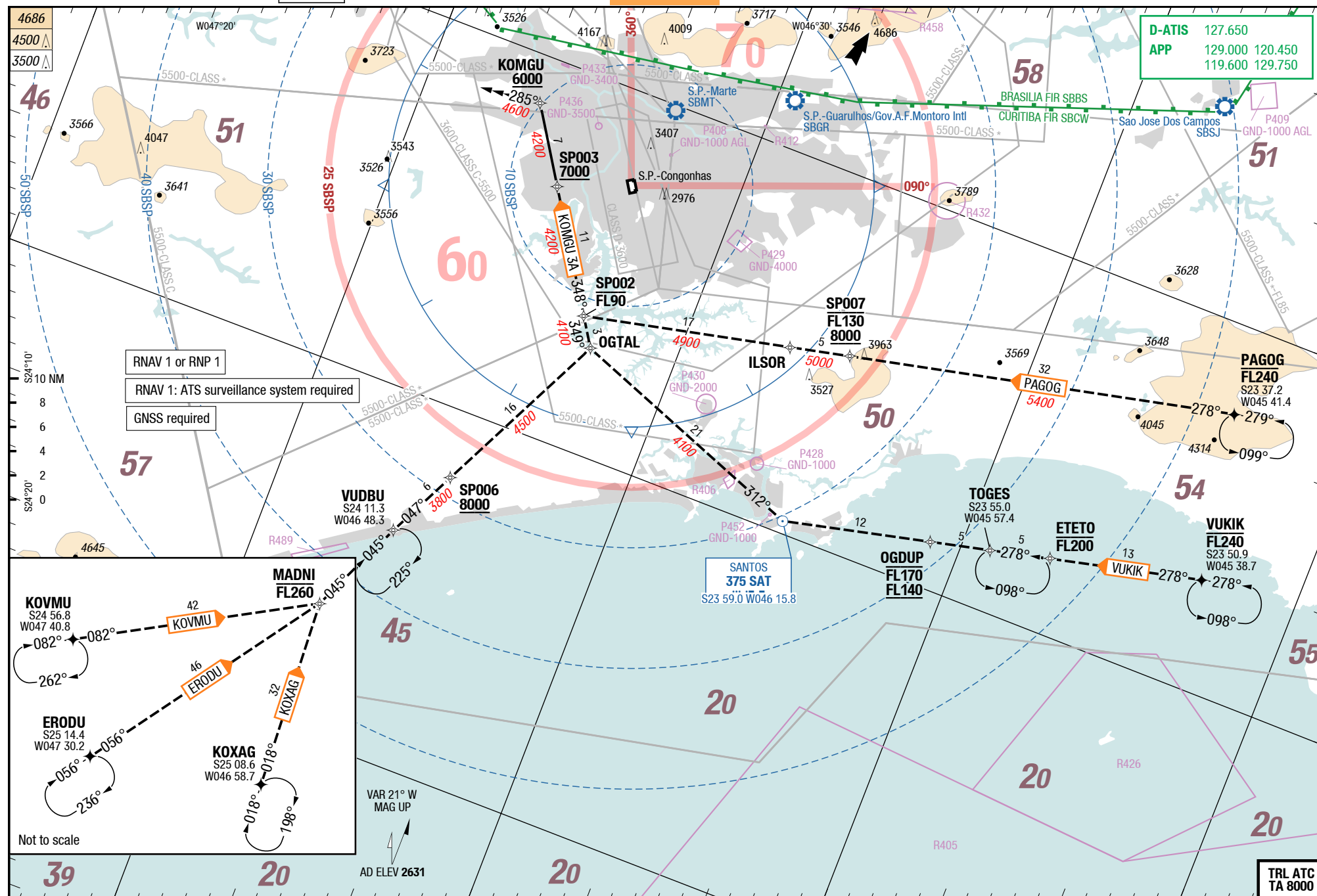
RNAV 17L/R KOMGU 3A

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RNAV 17L/R KOMGU 3A



Changes: FREQ, OBST

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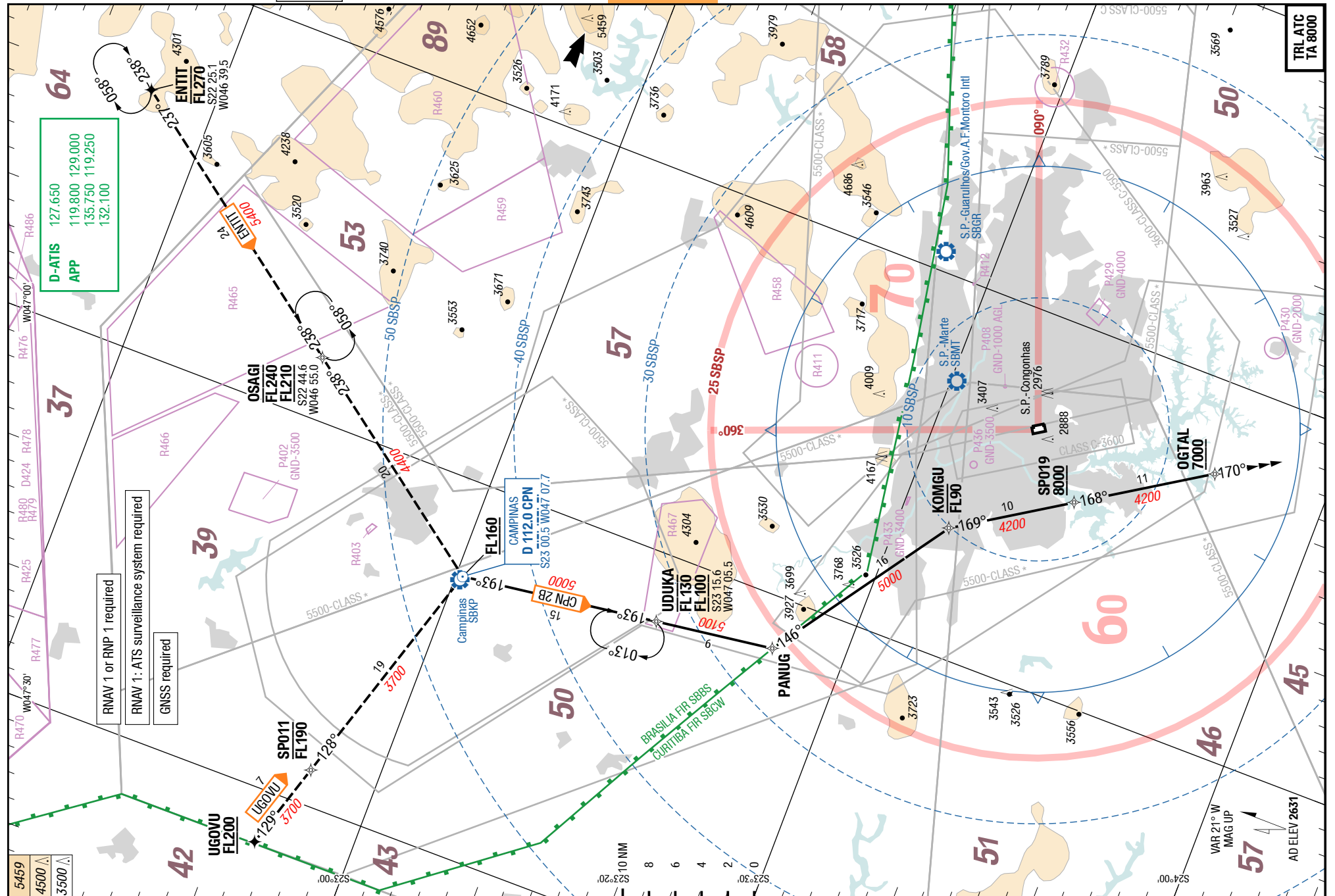
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6-30

RNAV 35L/R CPN 2B

STAR

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RNAV 35L/R CPN 2B

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Changes: Nil

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6-40

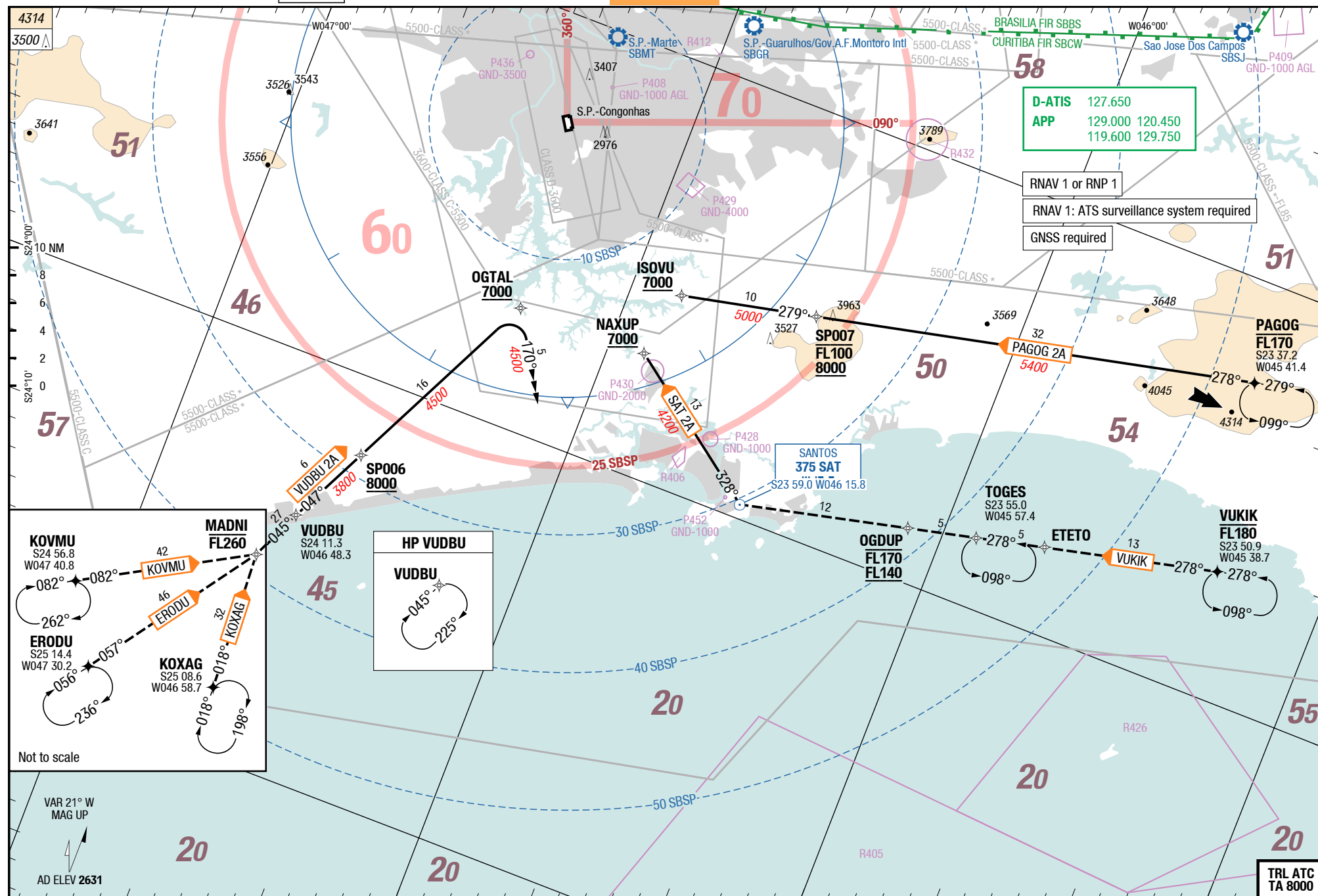
RNAV 35L/R PAGOG 2A / SAT 2A / VUDBU 2A

STAR

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RNAV 35L/R PAGOG 2A / SAT 2A / VUDBU 2A



Changes: FREQ, ASP, OBST

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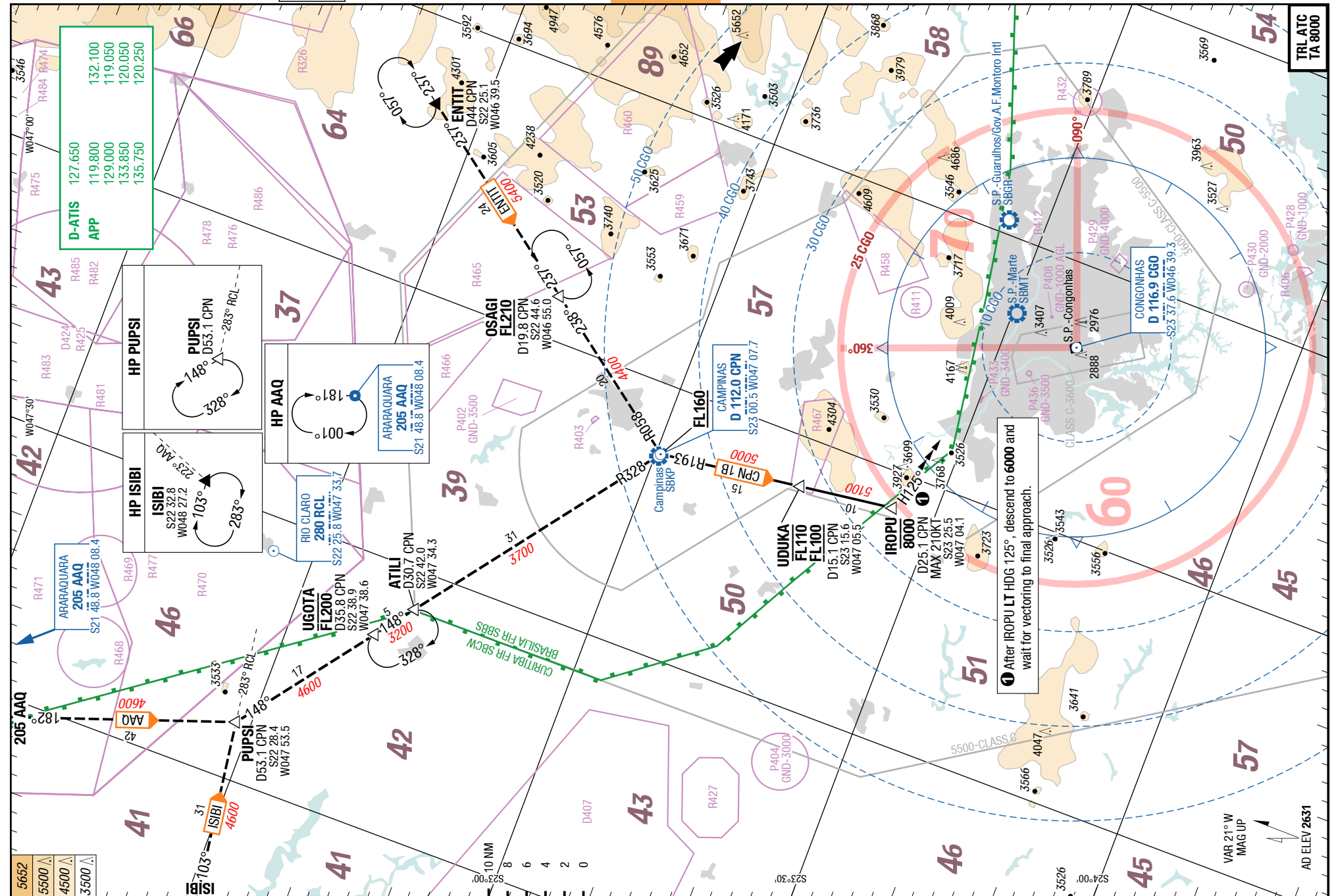
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RWYs 17L/R C/PN 1B

STAR

STAR

RWYs 17L/R CPN 1B



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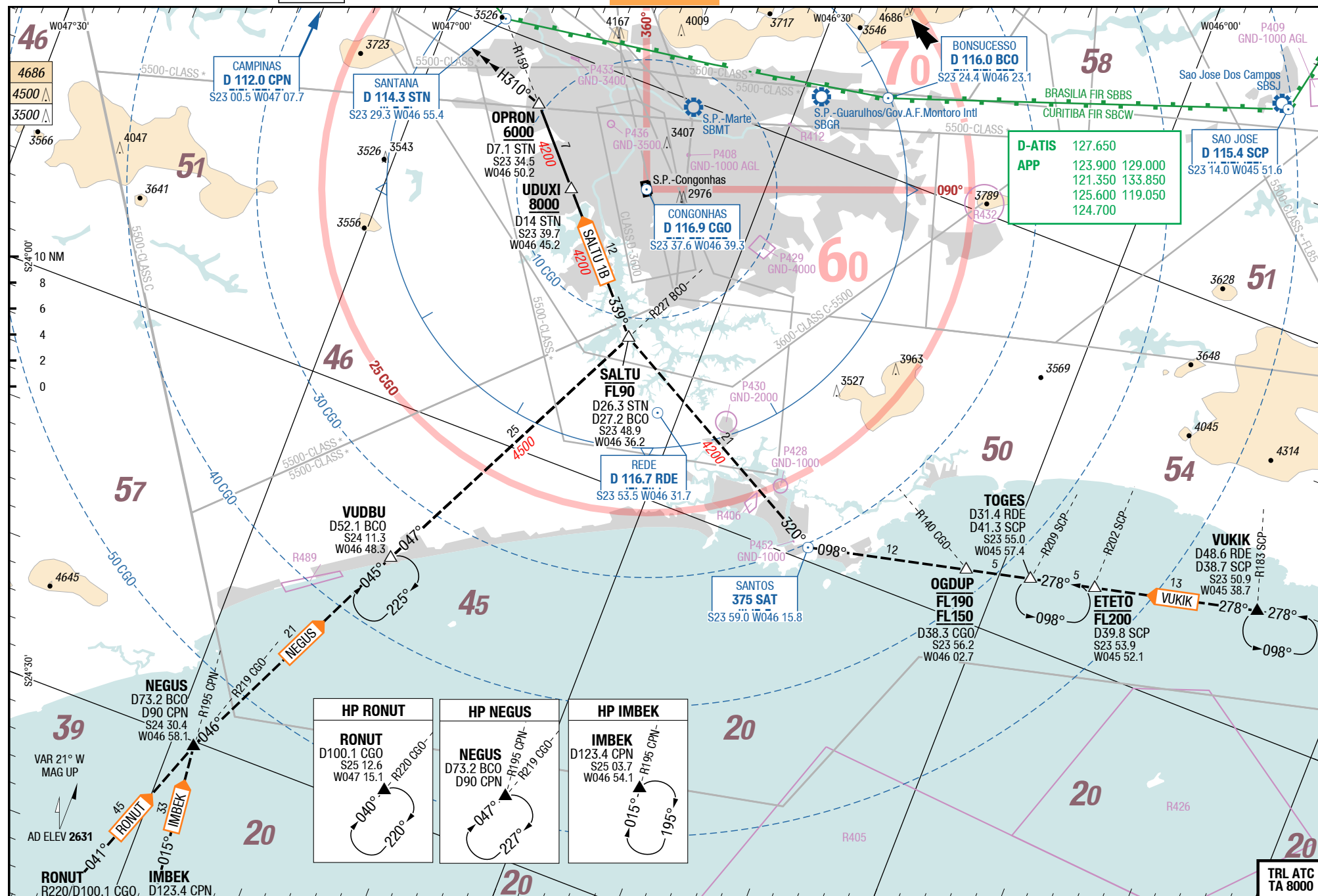
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6-60

RWYs 17L/R SALTU 1B

RWYs 17L/R SALTU 1B



Changes: FREQ, OBST

Effective 13-SEP-2018

06-SEP-2018

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RWYs 35L/R SAT 1B / VUDBU 1B

RWYs 35L/R CPN 1B

STAR

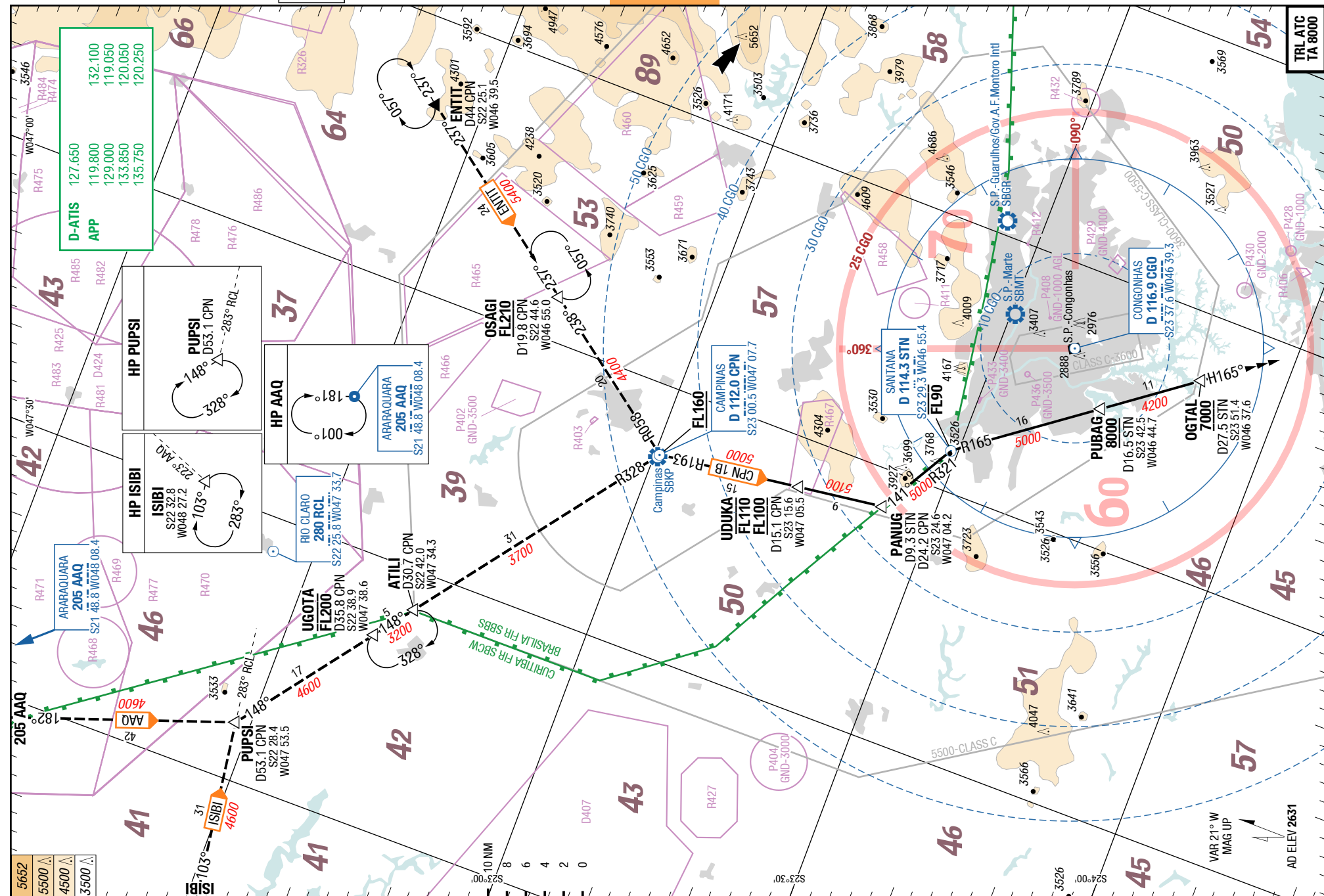
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RWYs 35L/R SAT 1B / VUDBU 1B

RWYs 35L/R CPN 1B

6-70



Changes: Nil

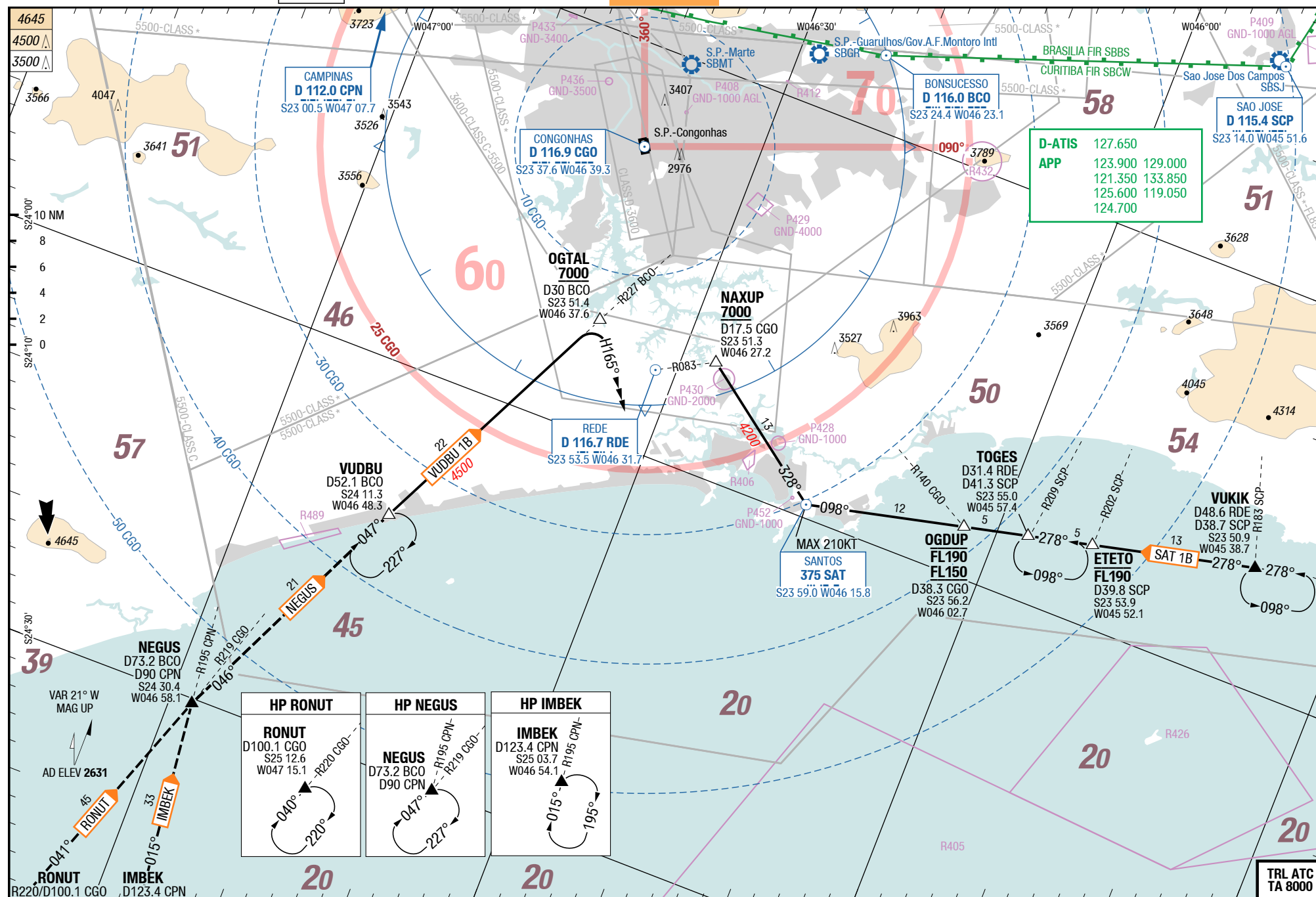
CGH-SBSP

6-80	RWYs 35L/R SAT 1B / VUDBU 1B
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STAR

STAR

RWYs 35L/R SAT 1B / VUDBU 1B



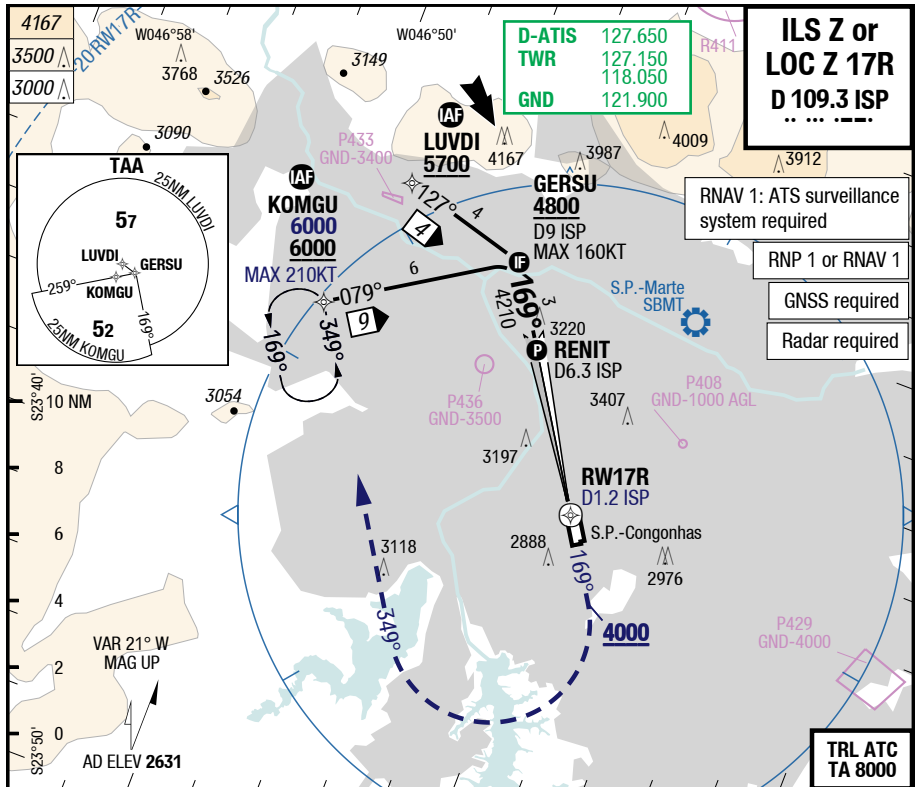
Changes: **FREQ**, **ASP**, **OBST**, **SUAs**

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7-10

ILS Z or LOC Z 17R



LOC 2.90° D ISP					Y CZ 700m 60 HL	
8.2	7	6	5	4	3	
4800	4440	4130	3820	3510	3210	
D9 ISP GRSU					D6.3 RENIT	D1.2 RW17R
4800					4210	
169°					GP 2.90°	
4200					MDA	
DIST to displaced THR					5.15	0
17R		Cat 1 DME GA 5.0%	LOC DME GA 5.0%	LOC DME GA 5.0% APL U/S	Circling	
C	ft - m/km ft	200 - 550R/800V 2820 1)	550 - 1.9V 3160	550 - 2.6V 3160	Not authorized	
D	ft - m/km ft	Not authorized	Not authorized	Not authorized	Not authorized	

1) FD or AP or HGS to DA required, else use 750m RVR

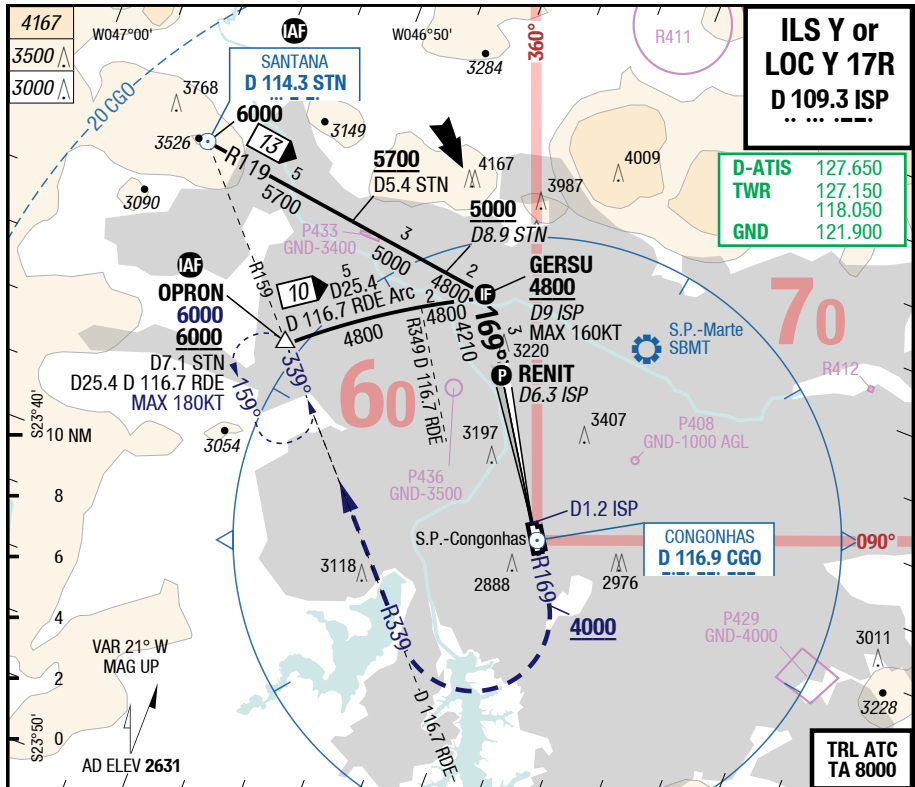
09-AUG-2018

CGH-SBSP

7-20

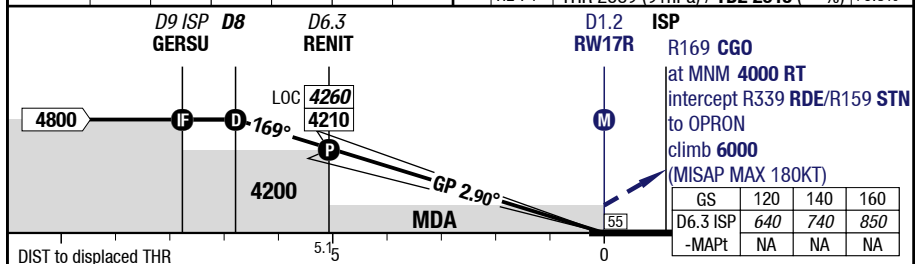
ILS Y or LOC Y 17R

IAC



LOC 3.00° D ISP	8	7	6	5	4	3	
	4800	4490	4170	3860	3540	3220	

HL-P1 THR 2589 (91hPa) / TDZ 2615 (---%) +0.6%



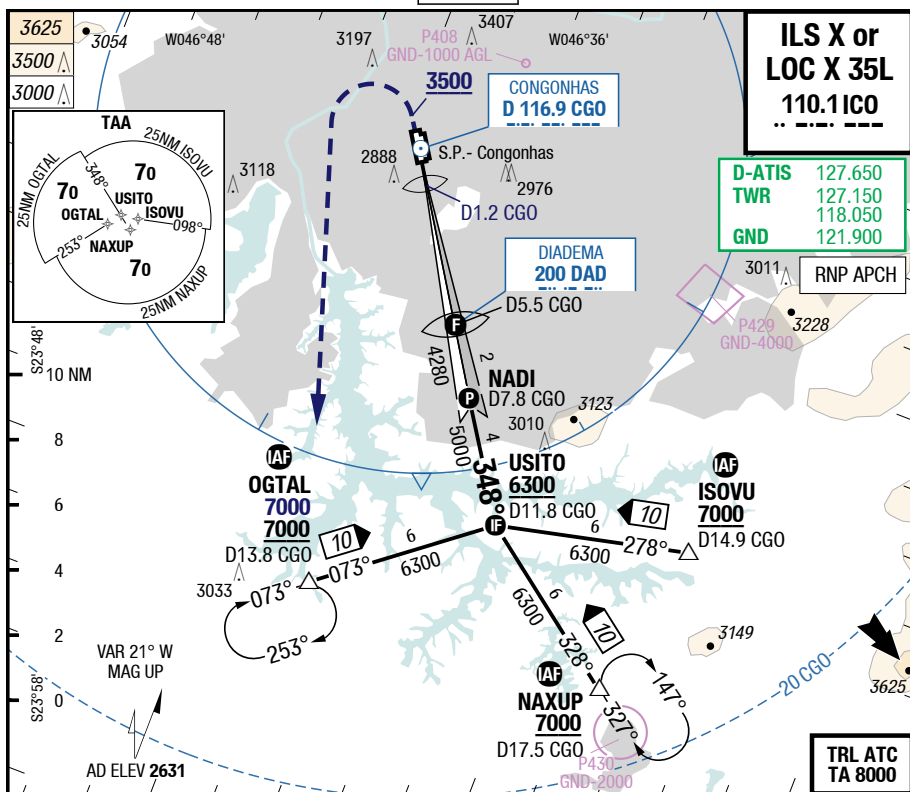
17R	Cat 1 DME GA 5.0% 1)	LOC DME GA 5.0%	LOC DME GA 5.0% APL U/S		Circling
C	ft - m/km ft C 200 - 550R/800V 2820	C 600 - 1.9V 3160	C 600 - 2.6V 3160		Not authorized
D	ft - m/km ft C 200 - 550R/800V 2820	C 600 - 1.9V 3160	C 600 - 2.6V 3160		Not authorized


1) FD, AP or HGS required, else RVR 750m

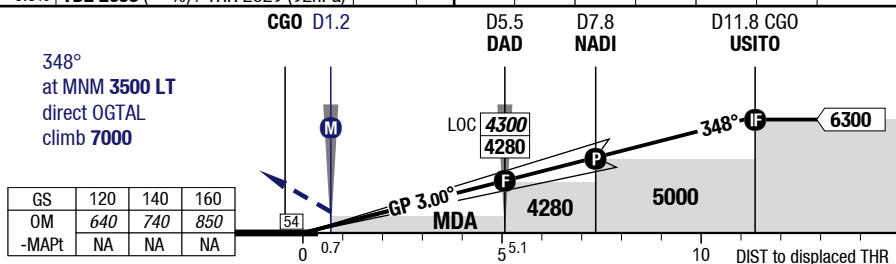
Changes: APL, FREQ

7-40

ILS X or LOC X 35L



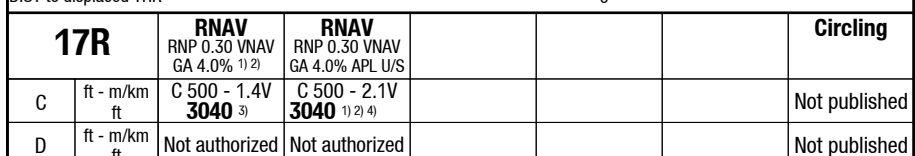
YCZ 530m 60 HL 	<div>35L</div>	3	5	7	9	11	11.8	LOC 3.00° D CGO 348° RWY 349°
-0.6% TDZ 2633 (---) / THR 2629 (92hPa)		3500	4130	4770	5410	6040	6300	



35L		Cat 1 GA 4.0% ¹⁾	LOC GA 4.0%				Circling
C	ft - m/km ft	C 200 - 1.2V 2840	C 600 - 2.4V 3160				Not authorized
D	ft - m/km ft	C 200 - 1.2V 2840	C 600 - 2.4V 3160				Not authorized

1) With EVS VIS 800m

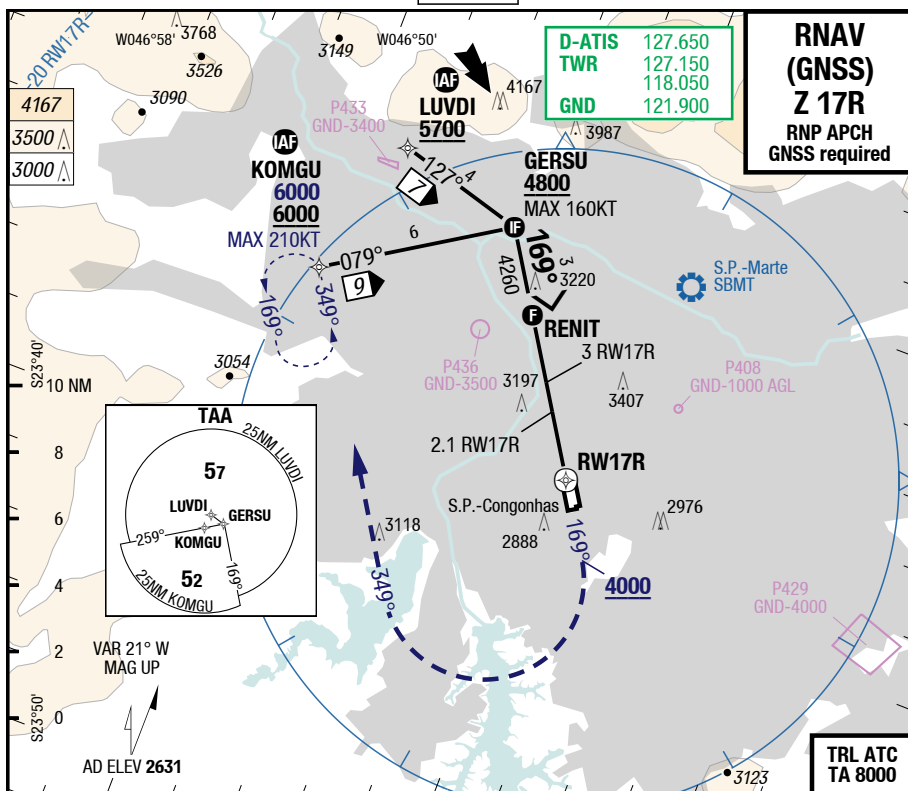
Changes: APL, FREQ

RNAV (RNP) X 17R

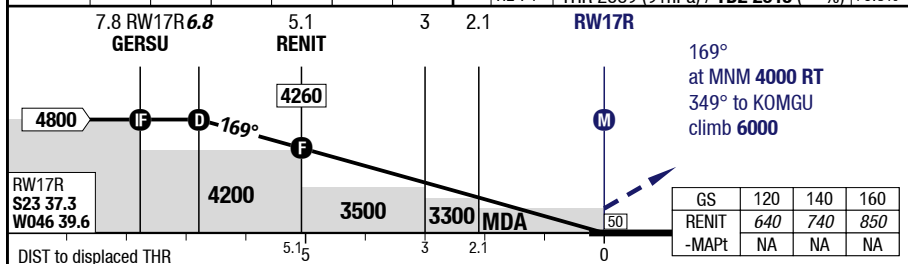
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7-70

RNAV (GNSS) Z 17R



3.00° RW17R	6.8	6	5	4	3	2	<p> 17R 130 1660 x 45 82.9° 60 HL YCZ 700m 82.9° HL-P1 THR 2589 (91hPa) / TDZ 2615 (---) +0.6% </p>
	4800	4550	4240	3920	3600	3280	



17R		RNAV GNSS VNAV GA 5.0%	RNAV GNSS VNAV GA 5.0% APL U/S	RNAV GNSS LNAV GA 5.0%	RNAV GNSS LNAV GA 5.0% APL U/S	Circling
C	ft - m/km ft	C 500 - 1.4V 3040 1) 2) 3)	C 500 - 2.1V 3040 1) 2) 4)	C 600 - 1.6V 3100	C 600 - 2.4V 3100	Not authorized
D	ft - m/km ft	Not authorized	Not authorized	Not authorized	Not authorized	Not authorized

1) Uncompensated BARO VNAV NA below 0°C (32°F)

3) With EVS VIS 900m

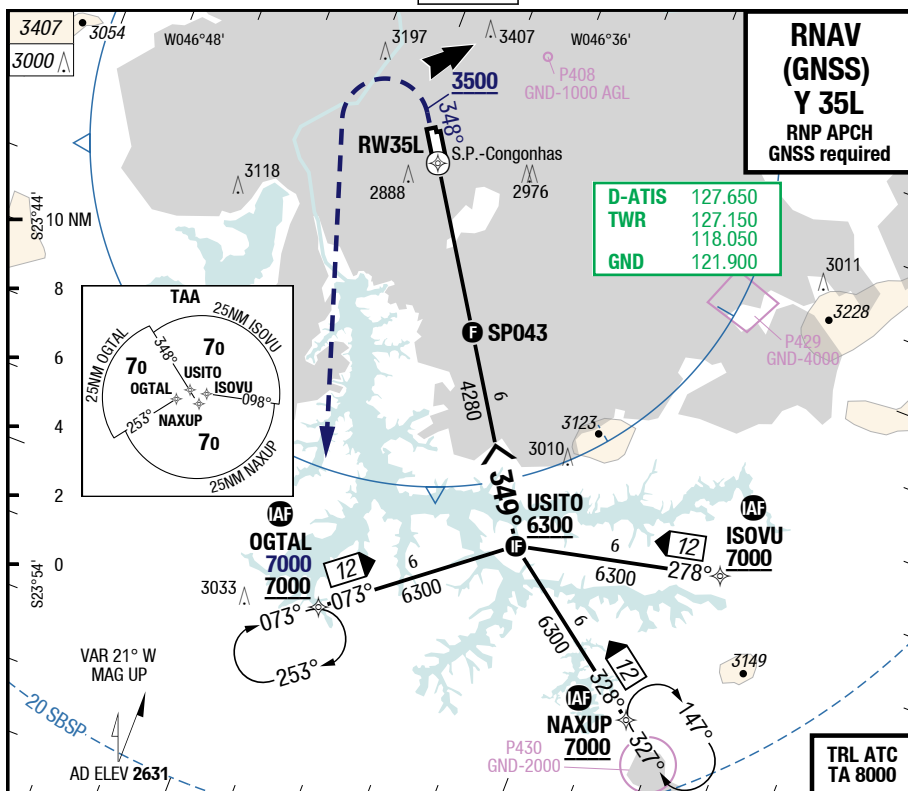
2) SBAS-VNAV not authorized

4) With EVS VIS 1.4km

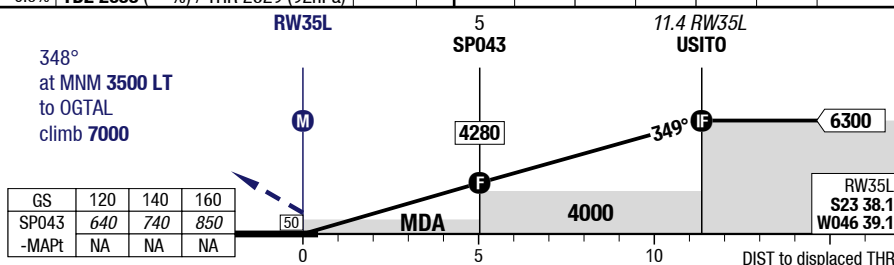
Changes: APL, FREQ

7-80

RNAV (GNSS) Y 35L



<p>YCZ 530m 60 HL</p> <p>45 x 1660 59</p> <p>3.0°</p> <p>-0.6% TDZ 2633 (---%) / THR 2629 (92hPa)</p>	<p>35L</p>	2	4	6	8	10	11.4	<p>3.00°</p> <p>RW35L</p>
		3320	3960	4600	5230	5870	6300	



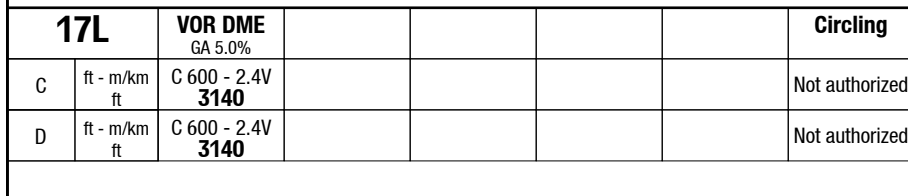
35L		RNAV GNSS VNAV GA 4.0% ^{1) 2)}	RNAV GNSS LNAV GA 4.0%				Circling
C	ft - m/km ft	C 500 - 2.1V 3080	C 600 - 2.4V 3160				Not authorized
D	ft - m/km ft	C 500 - 2.1V 3080	C 600 - 2.4V 3160				Not authorized

1) Uncompensated BARO VNAV NA below 0°C (32°F)

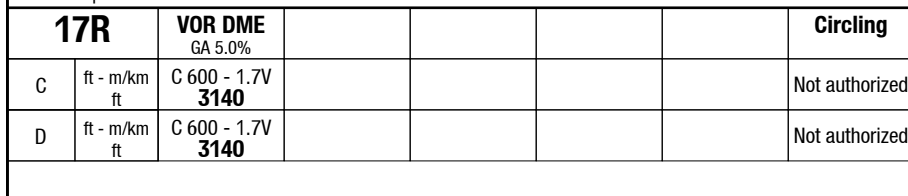
2) With EVS VIS 1.4km

Changes: APL, FREQ

VOR Z 17L



VOR Z 17R



Effective 16-AUG-2018

09-AUG-2018

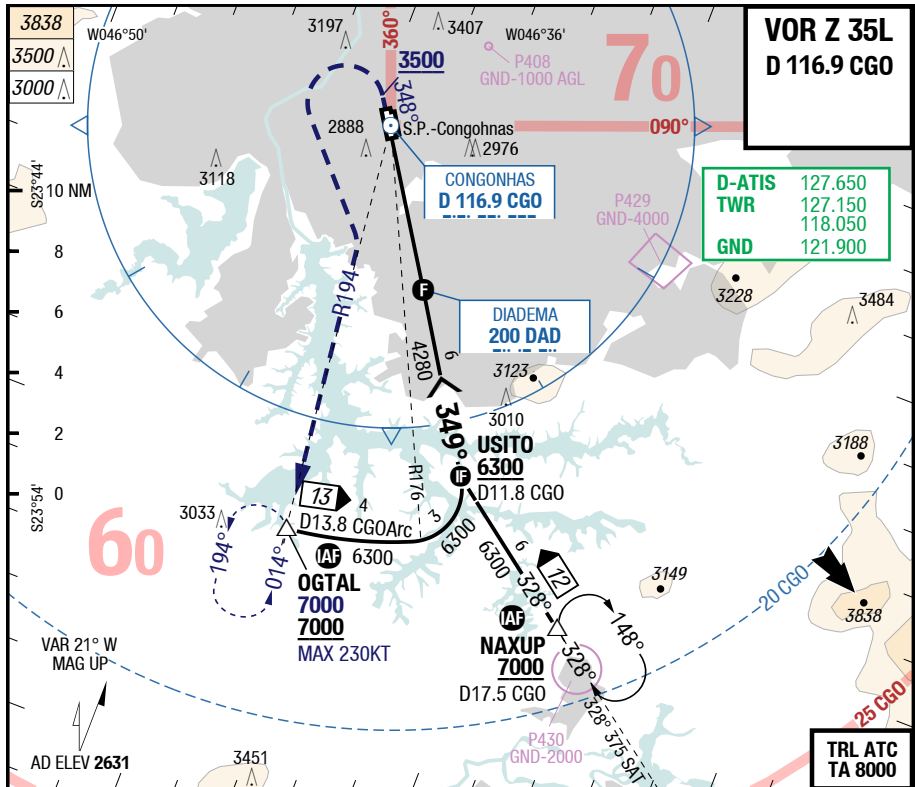
CGH-SBSP

Brazil Sao Paulo Sao Paulo Congonhas

IAC

7-110

VOR Z 35L

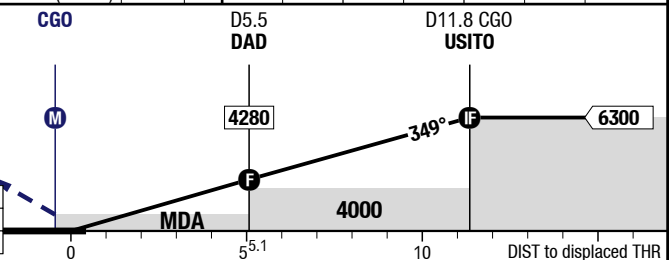


YZC 530m
60 HL
45 x 1660 59
3.0°
-0.6% TDZ 2633 (---%) / THR 2629 (92hPa)

3	5	7	9	11	11.8	3.00° D CGO
3500	4140	4770	5410	6050	6300	

348°
at MNM 3500 LT
intercept R194 CGO
to OGTL
climb 7000
(MISAP MAX 230KT)

GS	120	140	160
D5.5 CGO	640	740	850
-MAPt	NA	NA	NA



35L	VOR DME GA 4.0%				Circling
C	ft - m/km ft	C 600 - 2.4V 3160			Not authorized
D	ft - m/km ft	C 600 - 2.4V 3160			Not authorized

Changes: APL, FREQ

Effective 16-AUG-2018

09-AUG-2018

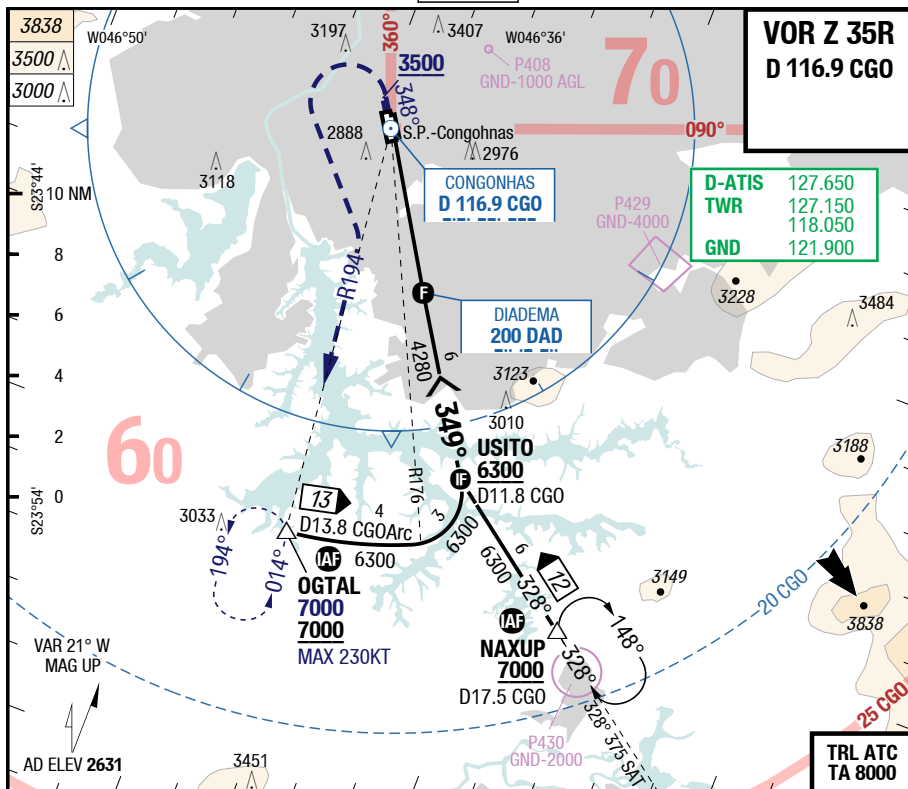
CGH-SBSP

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IAC

7-120

VOR Z 35R



-0.8% TDZ --- (---%) / THR 2629 (92hPa)

(35R)

3	5	7	9	11	11.8	3.00° D CGO
3530	4170	4800	5440	6080	6300	

348°
at MNM 3500 LT
intercept R194 CGO
to OGTL
climb 7000
(MISAP MAX 230KT)

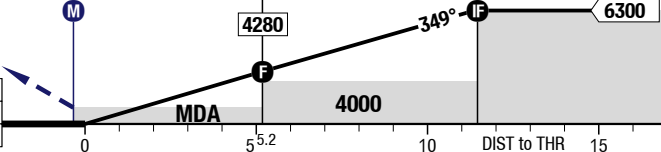
CGO

D5.5
DAD

D11.8 CGO

USITO

GS	120	140	160
D5.5 CGO	640	740	850
-MAPt	NA	NA	NA



35R

VOR DME
GA 4.0%

Circling

C	ft - m/km ft	C 600 - 2.4V 3160				Not authorized
D	ft - m/km ft	C 600 - 2.4V 3160				Not authorized

Changes: APL, FREQ

09-AUG-2018
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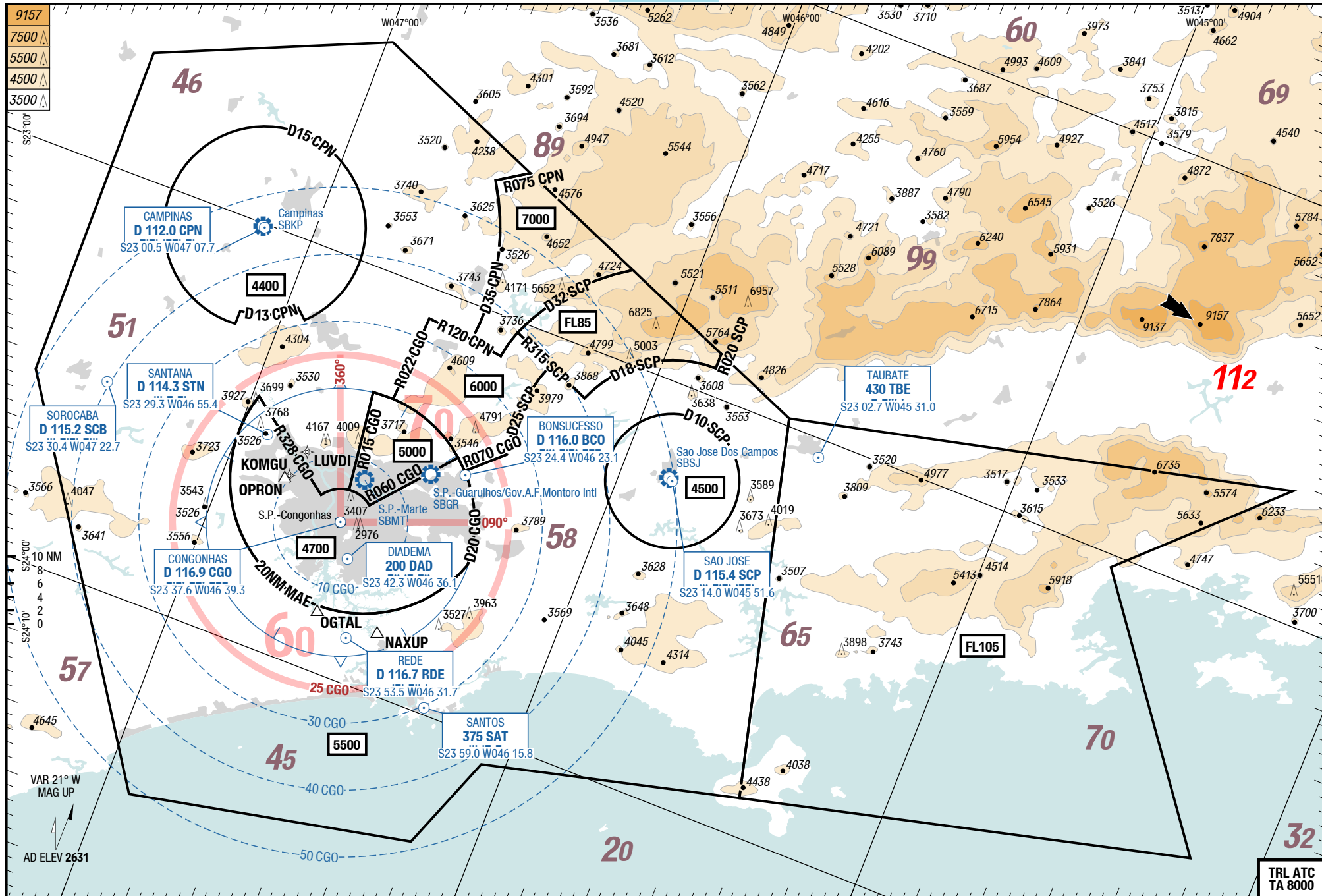
NIL
MRC

MRC

MRC

Sao Paulo Congonhas **Sao Paulo** Brazil

NIL
MRC



Changes: OBST

TRL ATC
TA 8000

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