

GENERAL**Operational Hours****ATS Hours / AD Operator Hours:** H24**Airport Information****RFF:** CAT 6 between 0700-2100 \pm , CAT 5 between 2101-0659 \pm **PCN:** RWY 13/31: 44/F/B/X/T**Customs:** Not AVBL**Operation****Traffic Notes**

Non-SKED PAX flights and cargo flights, except those restricted to transportation of bank items, are prohibited.

RWY Restriction

LDG on RWY 31 prohibited to JET ACFT.

TWY Restriction

TWY D, E width 18m / 59ft.

TWY A, C, F width 17.5m / 57ft.

TWY B width 17m / 56ft.

APN 2 Edge TWY MAX wingspan 15m / 49ft.

Engine Run-upEngine run-up at APN, RWY and hangars is prohibited between 0100-0900 \pm .**Warnings****BHZ VOR/DME** unusable:

- R072-R082
- R202-R212

Birds in vicinity of AD, especially at BHZ VOR sector and at final APCH of RWY 13.

ARRIVAL**Communication****COM Failure:** See CRAR and in addition;**RNAV RWY 13****ASKAP 1A, ESKIP 1A, ESKIP 2B, ILSIP 1A**

Complete ARR until PUMAT and execute PROC authorized by ATC.

OBLEB 1A, UGSIT 1A

Complete ARR until ERVIM and execute PROC authorized by ATC. Or, if under vectoring on HDG 310°, maintain HDG, MNM ALT 7000ft until D25 BHZ. Then turn right to intercept final APCH.

RNAV RWY 31**ESKIP 1A, ILSIP 1A, OBLEB 1A, UGSIT 1A**

Complete ARR until OGRET and execute PROC authorized by ATC.

DEPARTURE**Take-off Minima**

RWY		13/31	
Multi ENG	ft - m/km	0 - 600V	TKOF ALTN AVBL, HJ only
		0 - 800V	TKOF ALTN AVBL, HN
All ACFT		c700 - 1.5V	-
D		Not applicable	-

Departure Procedure**Start-up/Push-back**

| APN 1: ENG start-up is allowed after push-back for ACFT with wingspan above 24m / 79ft.

06-SEP-2018
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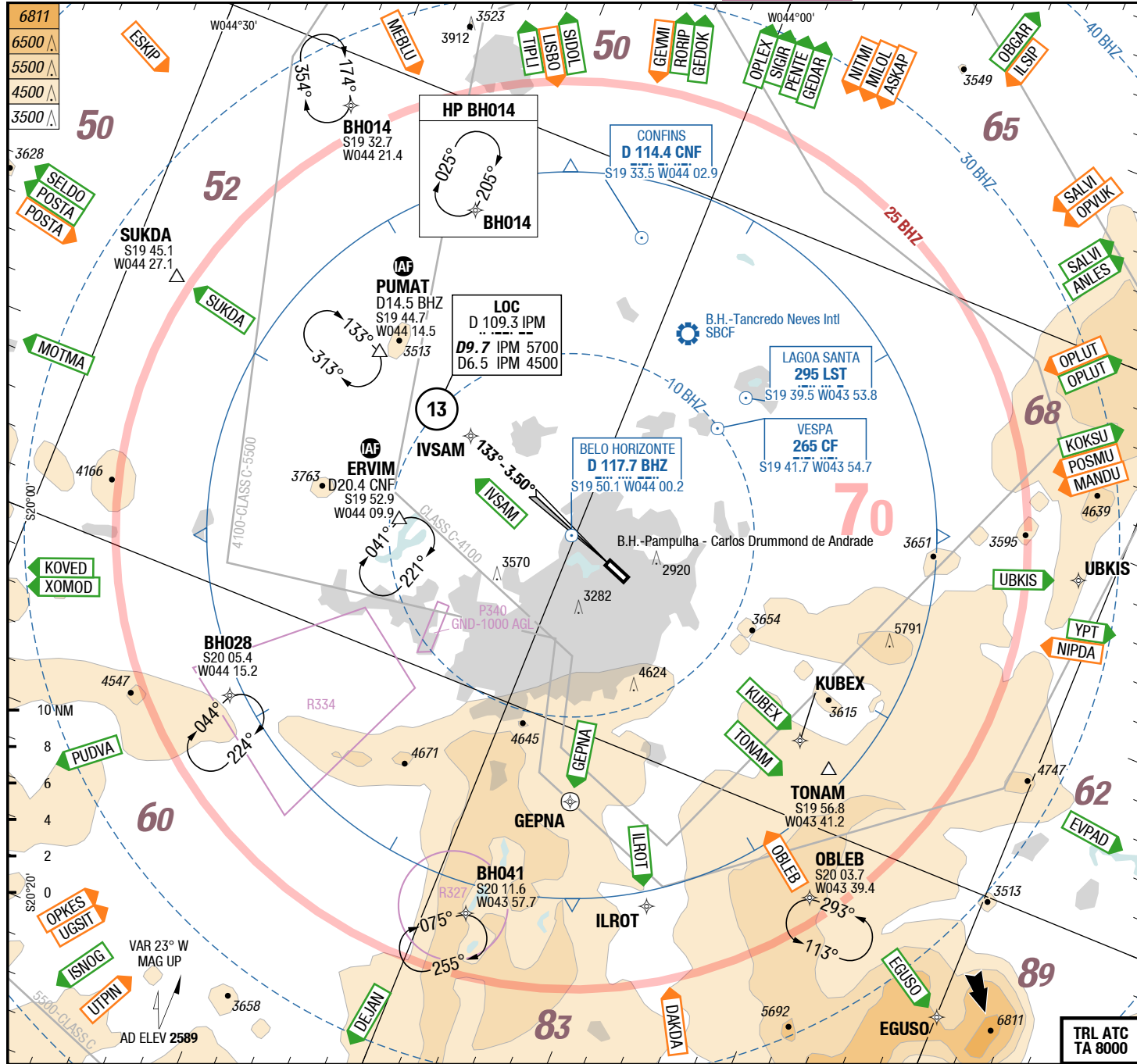
AGC
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AFC

AFC

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AGC
AFC



D-ATIS	127.450	
APP	119.100	119.300
	119.650	120.200
	128.550	129.100
	129.400	
TWR	118.000	
GND	121.600	0900-0100
CLR	121.100	Mon-Fri 0900-2100

Landing RWY system:

(13

83.8°

2364 G 4

60 HL

Grooved from 114m from THR 13 up to 1120m

THR 2581 (90hPa) / TDZ --- (---%)	+0.1%
--	-------

60 HL

45 G 2364

31

Grooved from 114m from THR 13 up to 1120m

-0.1% TDZ --- (---%) / **THR 2587** (90hPa)

Changes: FREQ, PROC

06-SEP-2018
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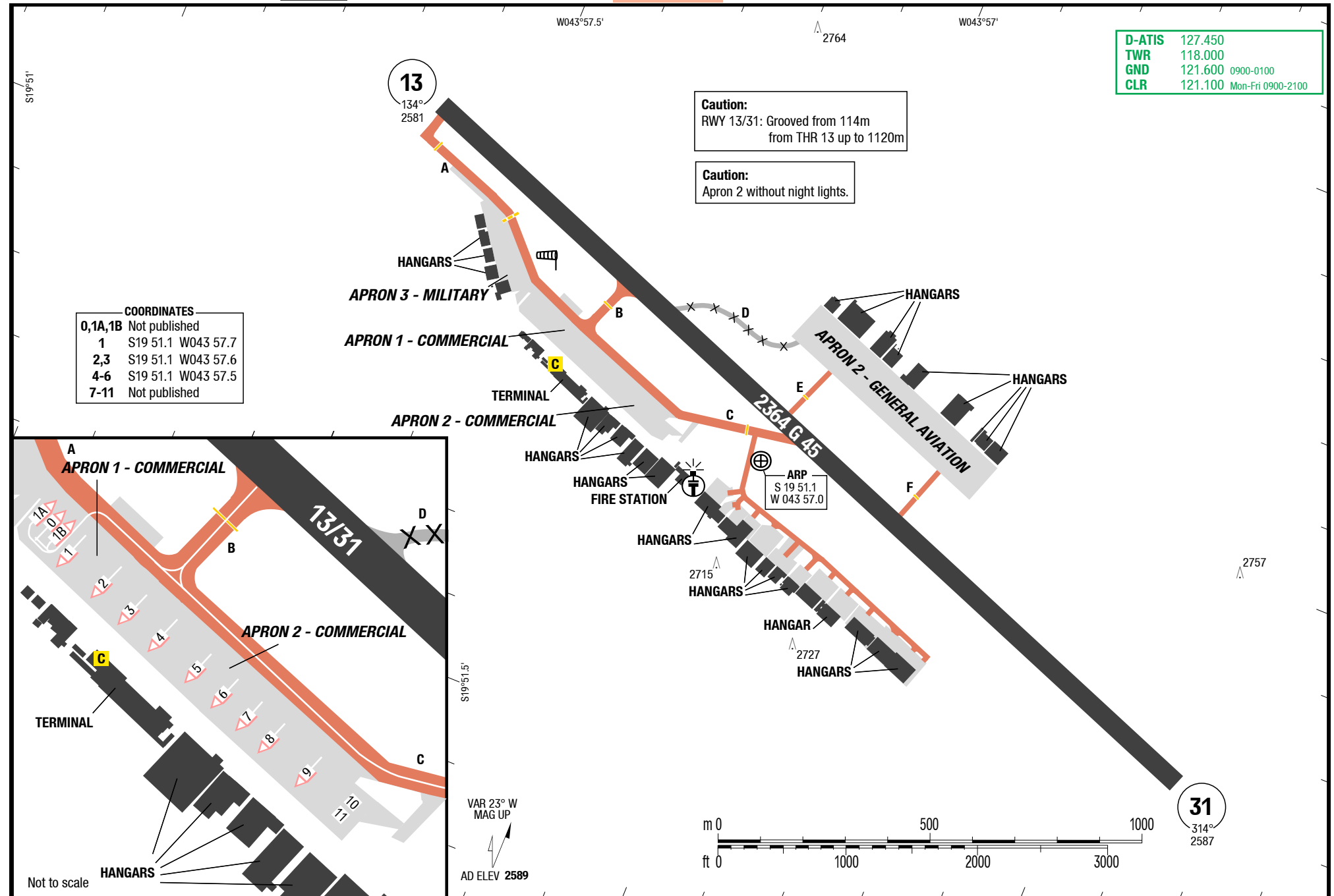
3-20

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Changes: FREQ

15-SEP-2016

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[RNAV GEDAR 1A]

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4-10

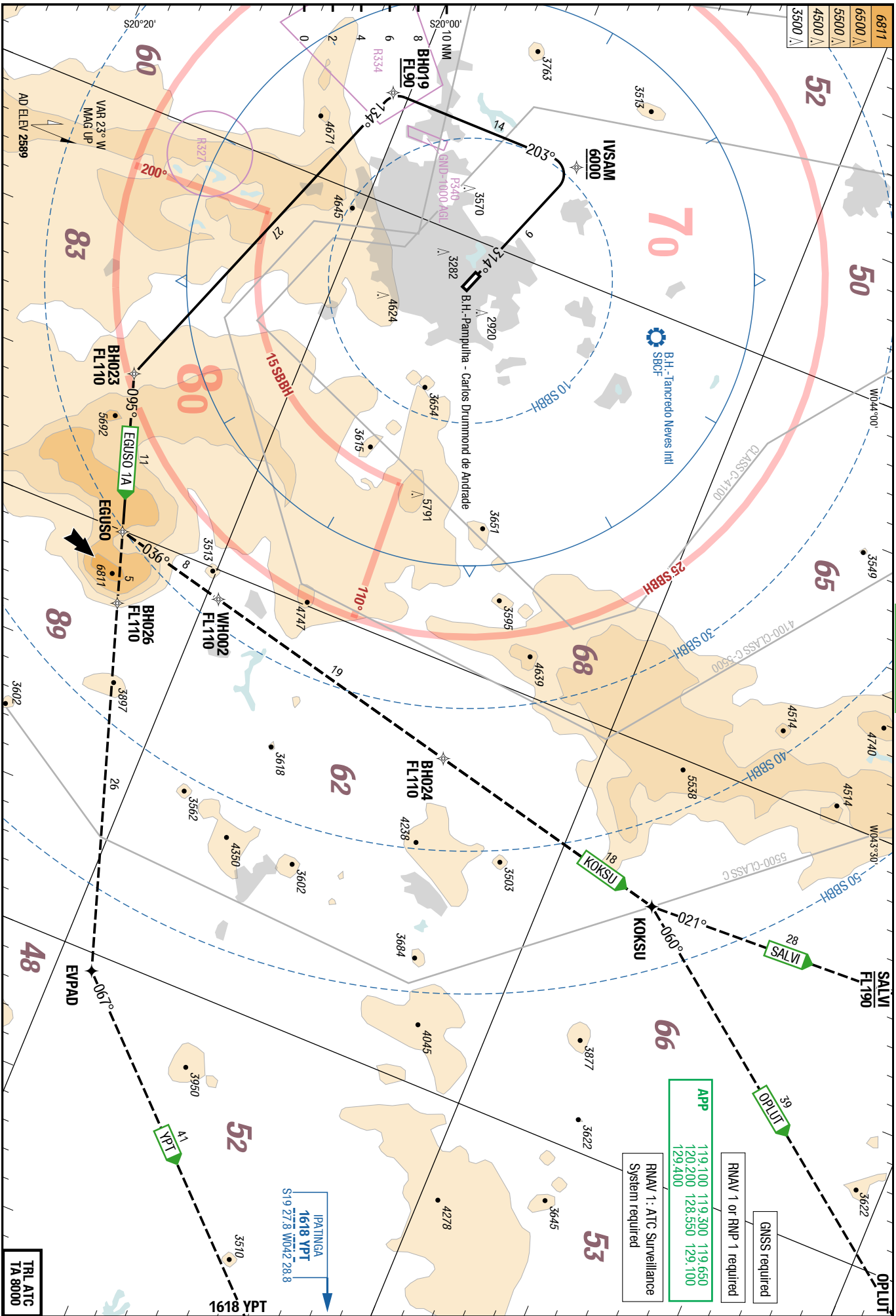
RNAV EGUSSO 1A

SID
SID

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[RNAV GEDAR 1A]

RNAV EGUSSO 1A



Changes: ASP, FREQ, OBST

15-SEP-2016

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4-20

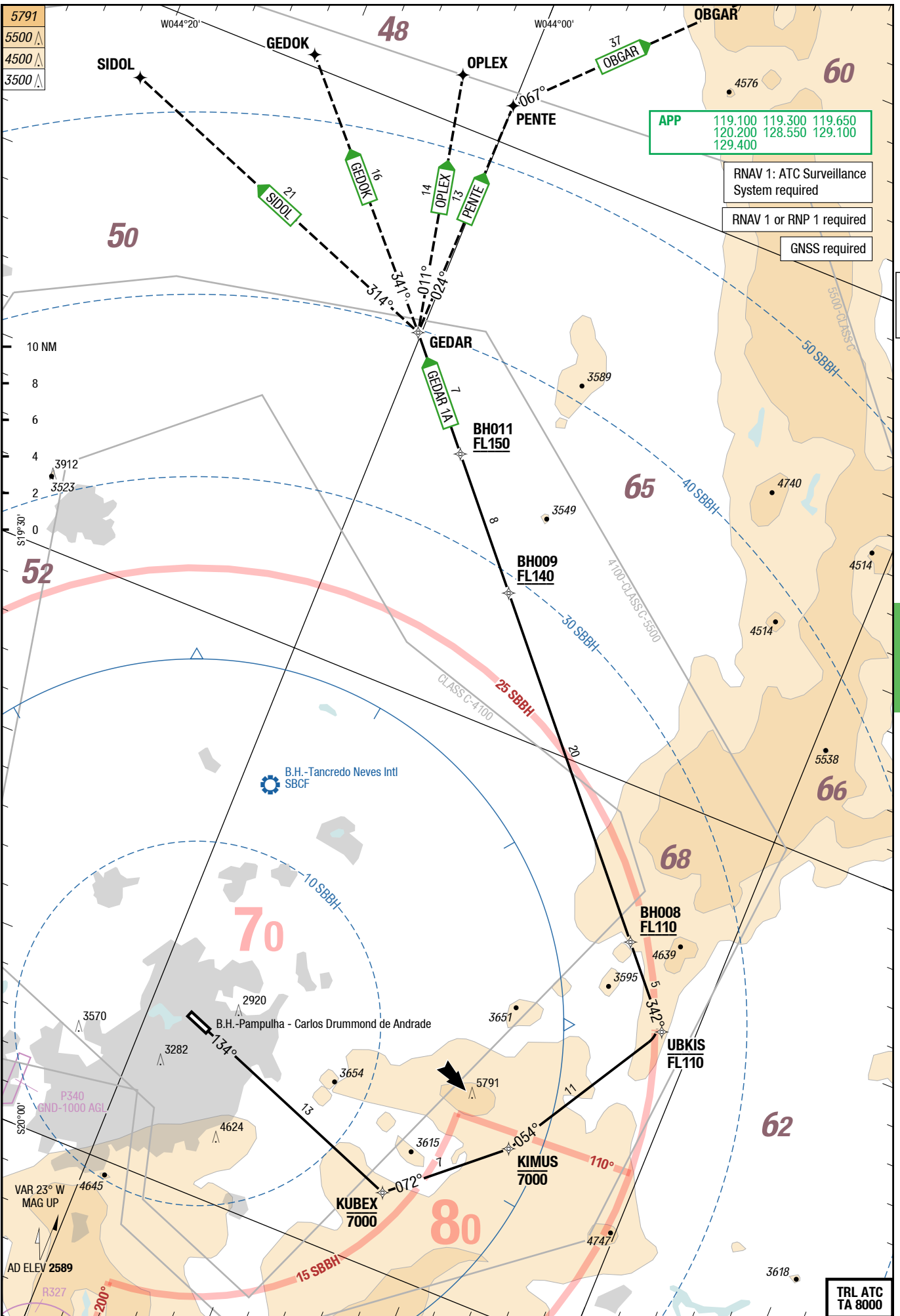
RNAV GEDAR 1A

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RNAV GEDAR 1A

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Changes: ASP, FREQ, OBSI

15-SEP-2016
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Brazil **Belo Horizonte** Pampulha - Carlos Drummond de Andrade

RNAV GEPNA 1A

RNAV GEDAR 1B

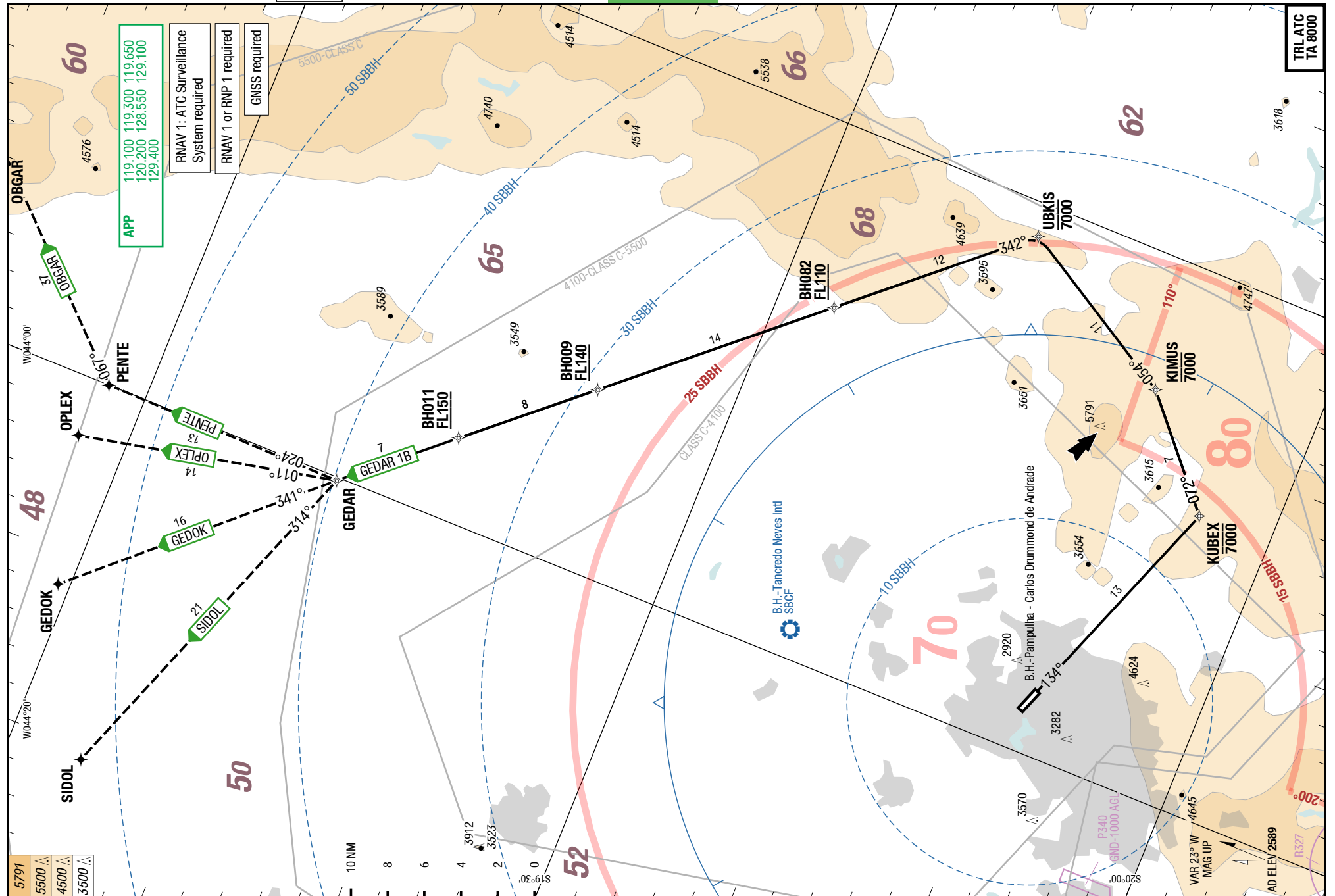
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RNAV GEPNA 1A

RNAV GEDAR 1B



Changes: ASP, FREQ, OBST

15-SEP-2016
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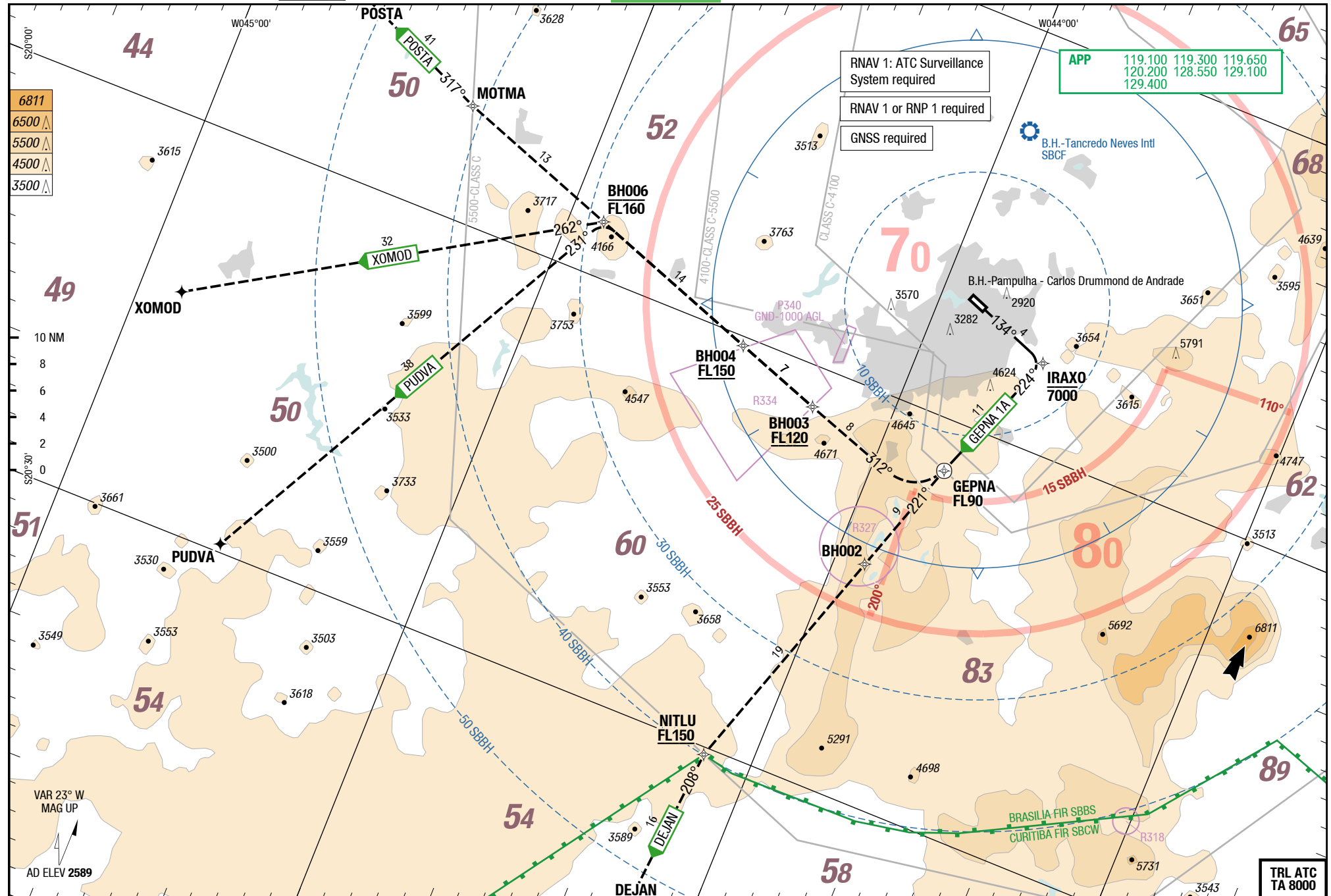
4-40

RNAV GEPNA 1A

SID

SID

RNAV GEPNA 1A



Changes: ASP, FREQ, OBST

15-SEP-2016
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RNAV IVSAM 1A

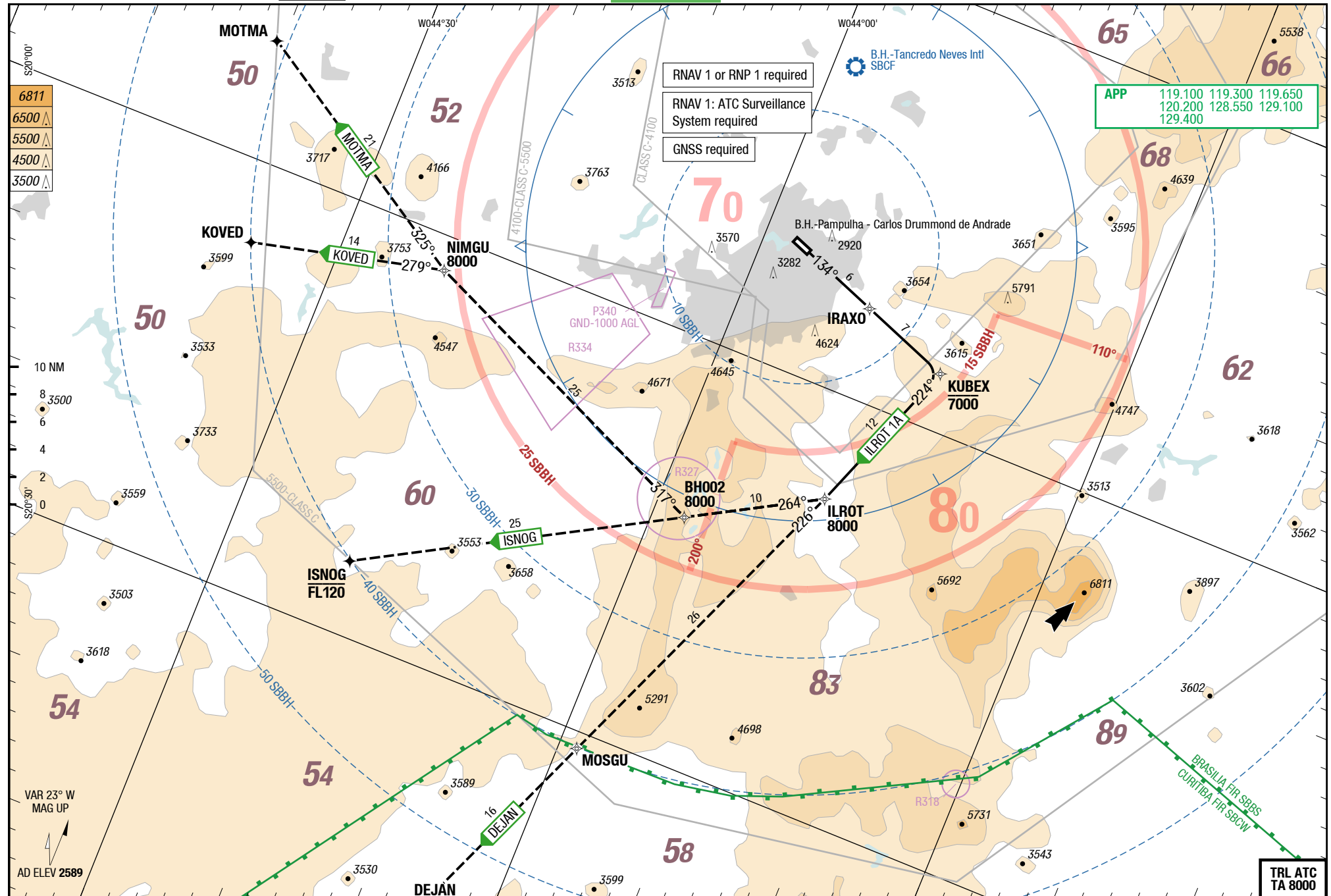
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RNAV IVSAM 1A

RNAV ILROT 1A



Changes: ASP, FREQ, OBST

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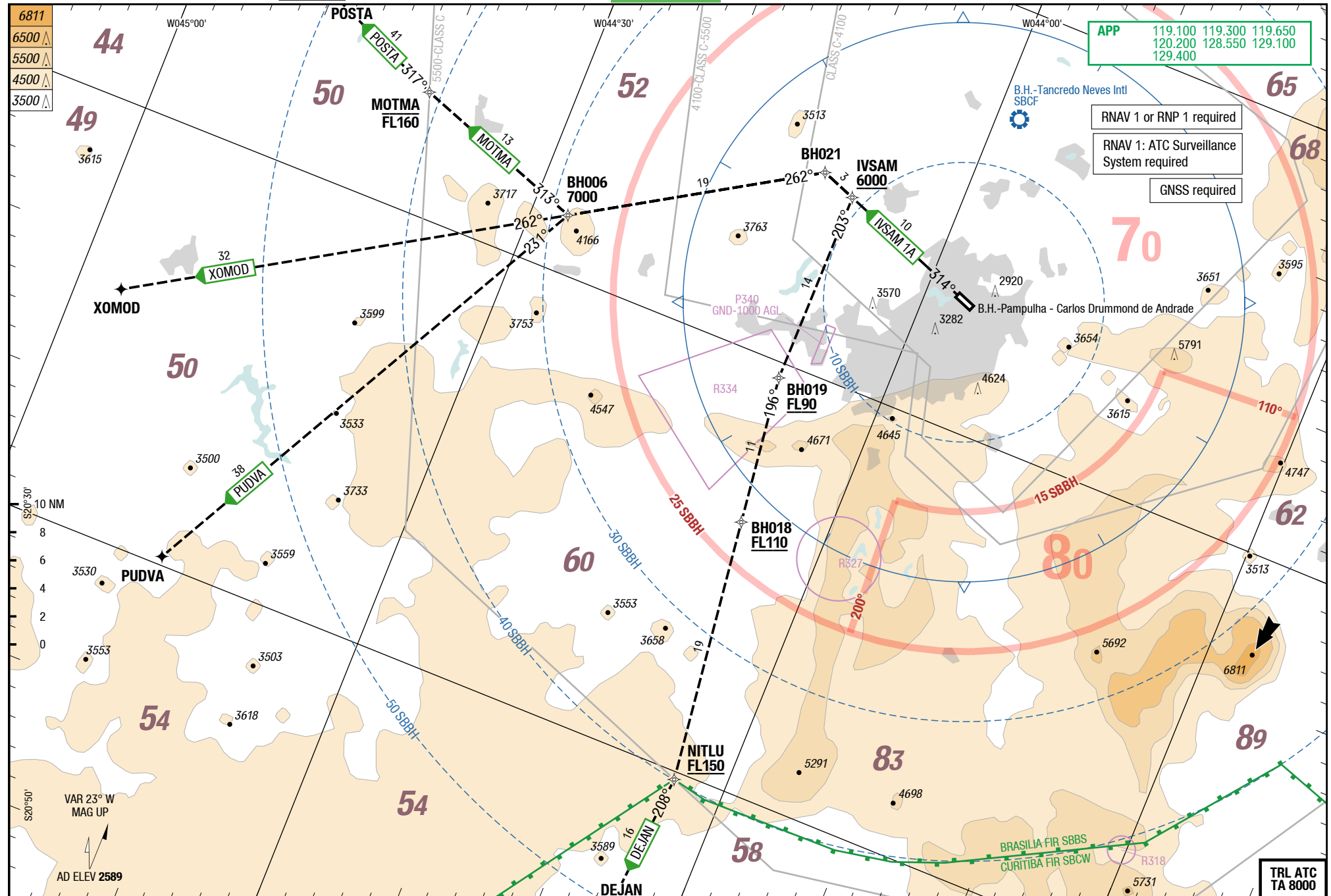
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RNAV IVSAM 1A

SID

SID

RNAV IVSAM 1A



Changes: ASP, FREQ, OBST

TRL ATC
TA 8000

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[RNAV TPL 1A]

4-70

RNAV KUBEX 1A

SID
SID

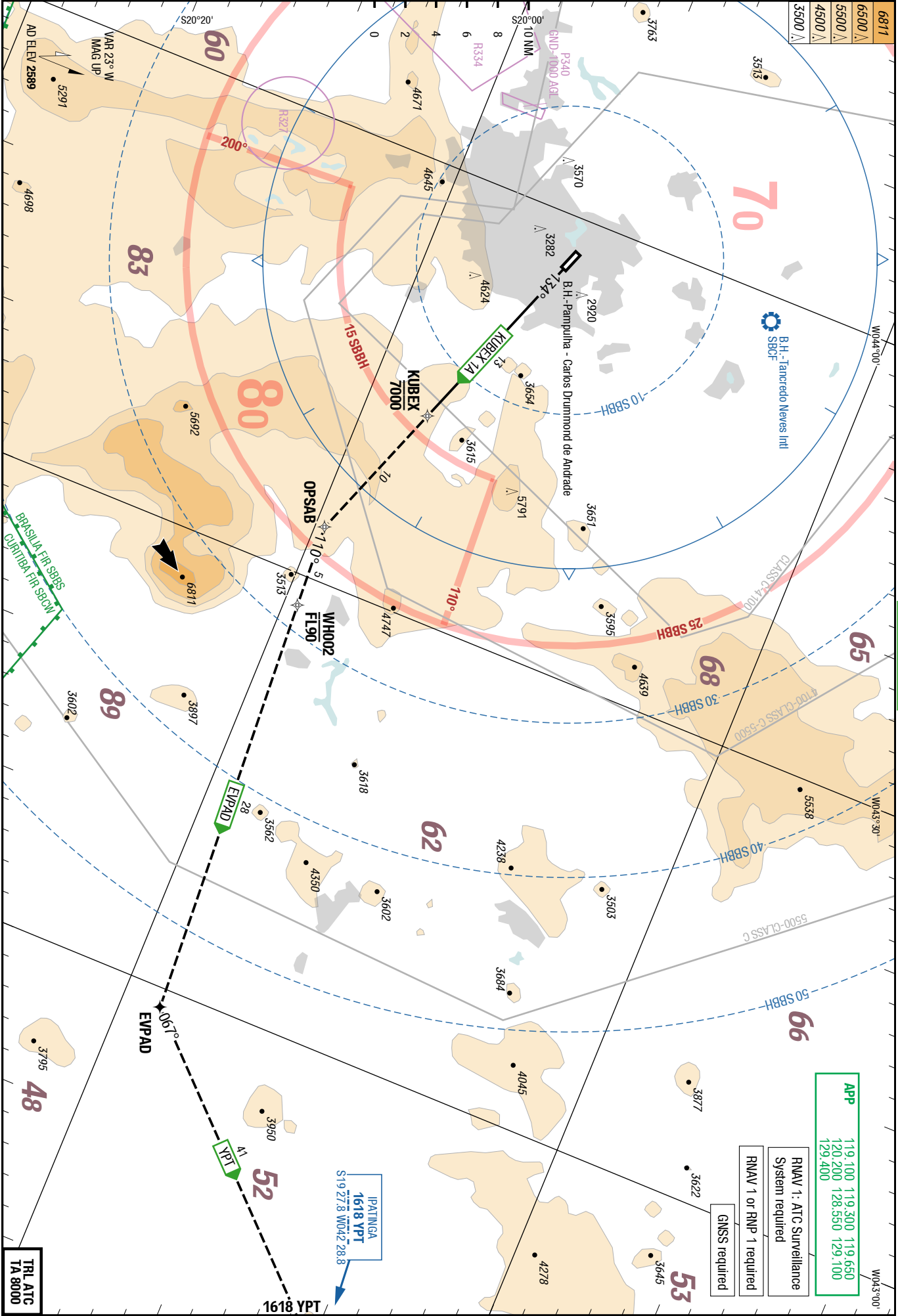
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[RNAV TPL 1A]

RNAV KUBEX 1A

APP				
119.100	119.300	119.650		
120.200	128.550	129.100		
129.400				

- RNAV 1: ATIS Surveillance System required
- RNAV 1 or RNP 1 required
- GNSS required



Changes: ASP, FREQ, OBST

15-SEP-2016

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4-80

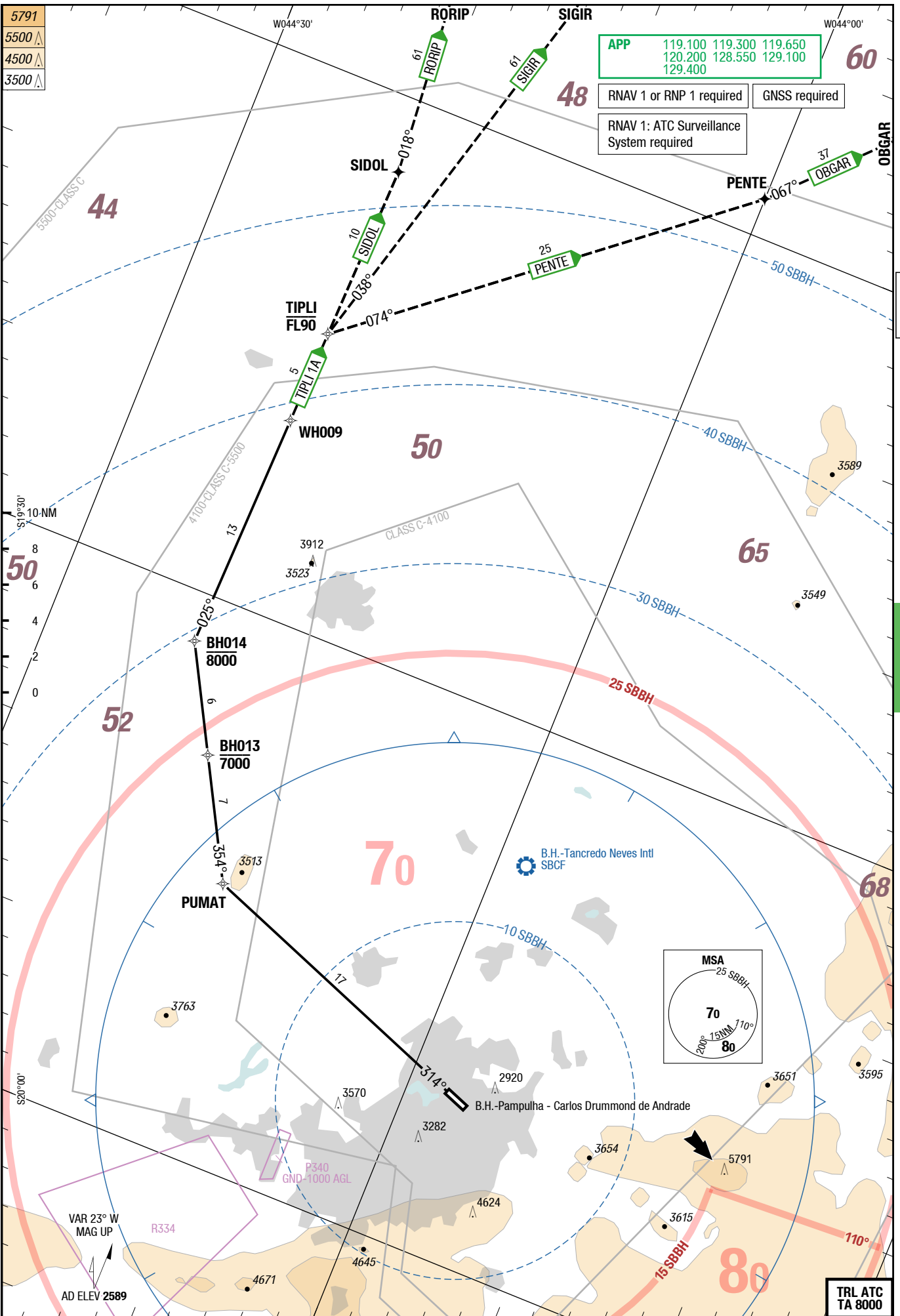
RNAV TIPLI 1A

SID

SID

RNAV TIPLI 1A

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EVPAD 1A

4-90

RNAV UBKIS 1A

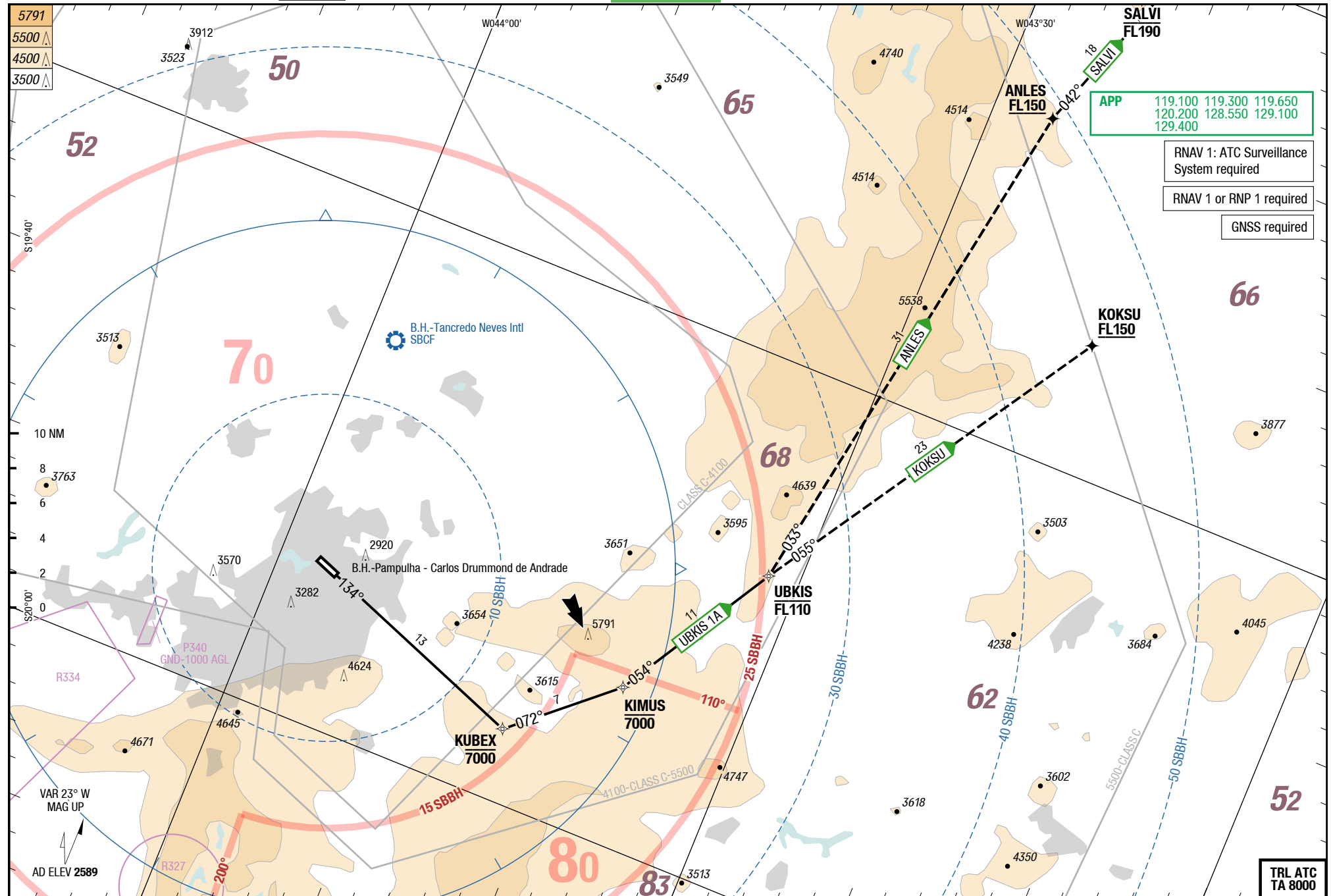
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EVPAD 1A

RNAV UBKIS 1A



Changes: ASP, FREQ, OBST

15-SEP-2016
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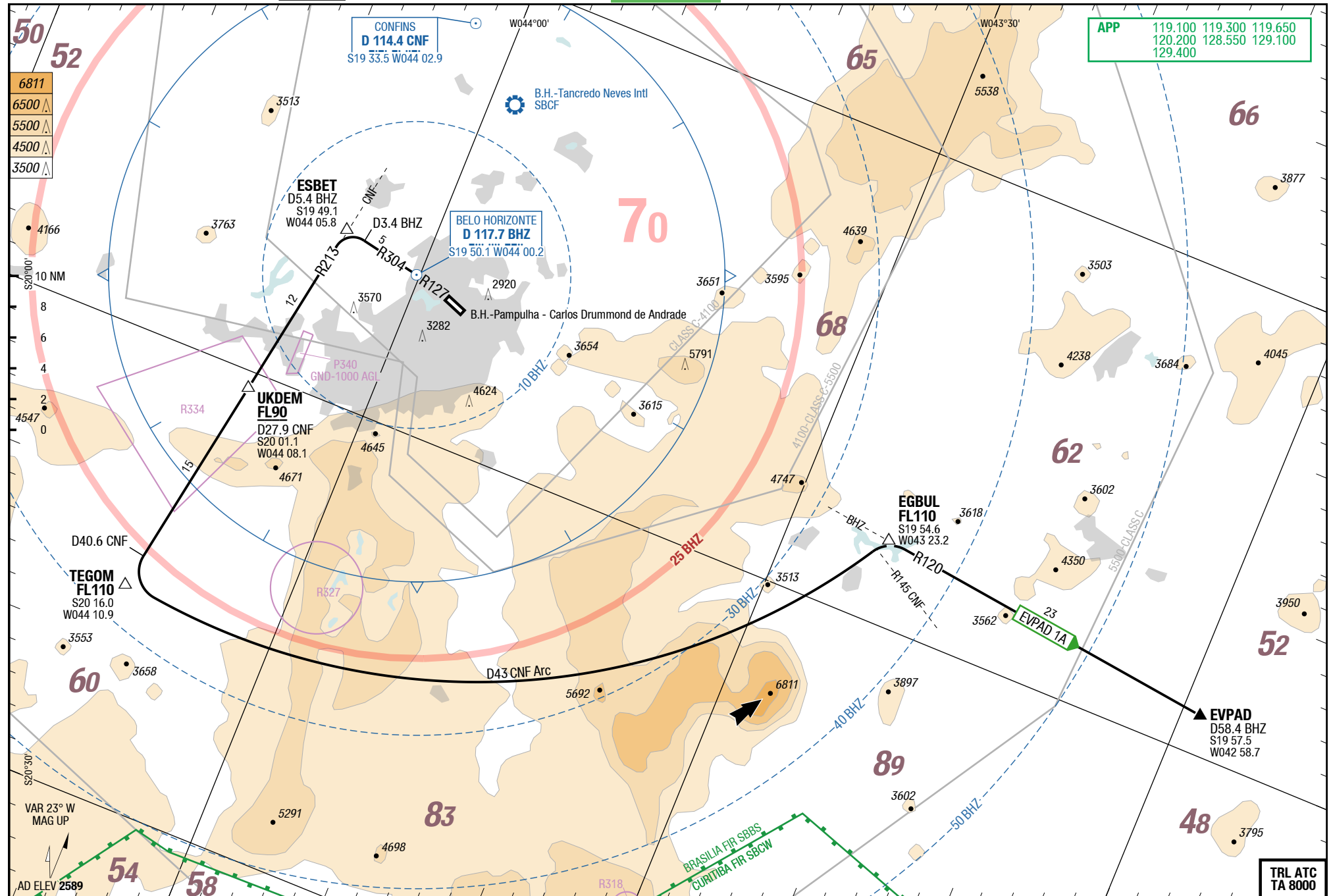
4-100

EVPAD 1A

SID

SID

EVPAD 1A

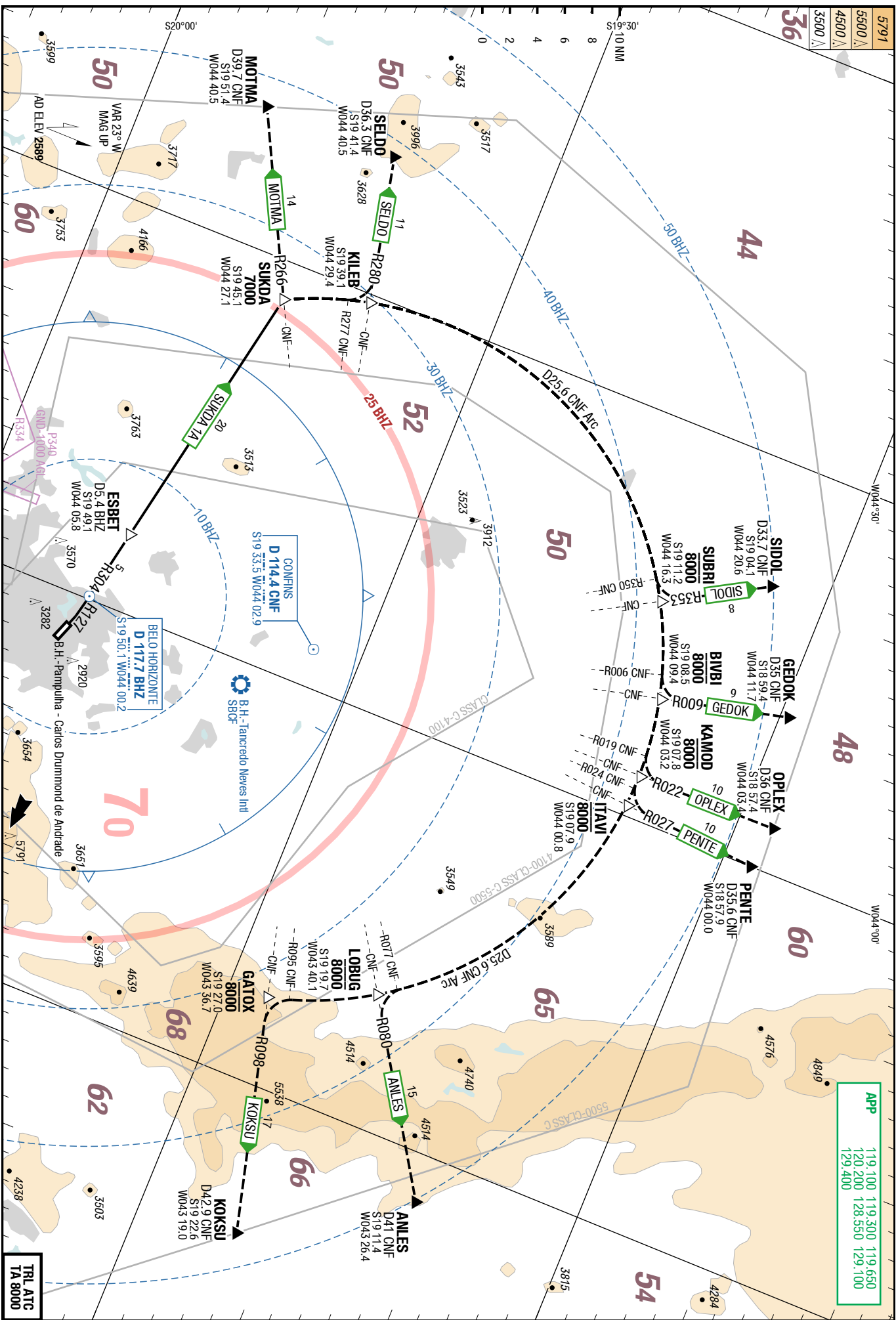


Changes: ASP, FREQ, OBST

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TONAM 1A

TONAM 1A
SUKDA 1A



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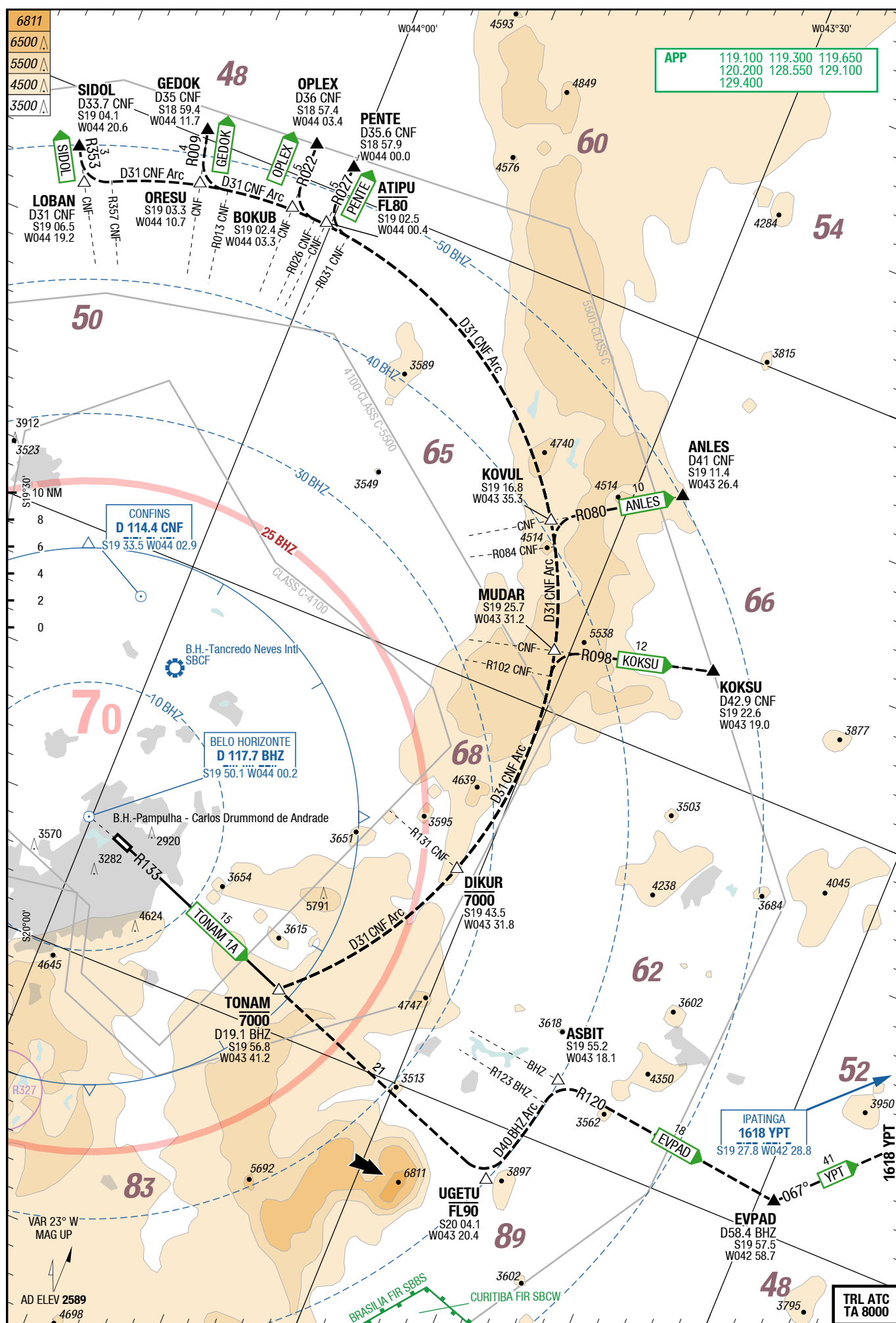
4-120

TONAM 1A

SID

SID

TONAM 1A



EGUSO 1A

RWY 31 (314°)

	GS	120	150	180	210	240	270
6.2%	ft/MIN	800	1000	1200	1400	1600	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
EGUSO 1A 6.2% to 6000 ①	IVSAM [L] - BH019 [L] - BH023 [L] - EGUSO	IVSAM MNM 6000 BH019 MNM FL90 BH023 at FL110
	TRANSITION	
	IPATINGA (YPT) EGUSO - BH026 - EVPAD [L] - YPT	BH026 at FL110
	KOKSU EGUSO [L] - WH002 - BH024 - KOKSU	WH002 at FL110 BH024 at FL110
	OPLUT EGUSO [L] - WH002 - BH024 - KOKSU [R] - OPLUT	WH002 at FL110 BH024 at FL110
	SALVI EGUSO [L] - WH002 - BH024 - KOKSU [L] - SALVI	WH002 at FL110 BH024 at FL110 SALVI MAX FL190

① Close in obstacle not considered in climb gradient: building, 344°/503m from DER up to 2725ft.

GEDAR 1A

RWY 13 (134°)

	GS	120	150	180	210	240	270
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
GEDAR 1A 6.1% to 5000 ①	KUBEX [L] - KIMUS [L] - UBKIS [L] - BH008 - BH009 - BH011 - GEDAR	KUBEX MAX 7000 KIMUS MAX 7000 UBKIS MAX FL110 BH008 MNM FL110 BH009 MNM FL140 BH011 MNM FL150
	TRANSITION	
	GEDOK GEDAR [L] - GEDOK	
	OBGAR GEDAR [R] - PENTE [R] - OBGAR	
	OPLEX GEDAR [R] - OPLEX	
	PENTE GEDAR [R] - PENTE	
	SIDOL GEDAR [L] - SIDOL	

① Close in obstacles not considered in climb gradient: trees, 180°/250m from DER, up to 2655ft.

GEDAR 1B

RWY 13 (134°)

	GS	120	150	180	210	240	270
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
GEDAR 1B 6.1% to 5000 ①	KUBEX [L] - KIMUS [L] - UBKIS [L] - BH082 - BH009 - BH011 - GEDAR	KUBEX MAX 7000 KIMUS MAX 7000 UBKIS MAX 7000 BH082 MNM FL110 BH009 MNM FL140 BH011 MNM FL150
	TRANSITION	
	GEDOK GEDAR [L] - GEDOK	
	OBGAR GEDAR [R] - PENTE [R] - OBGAR	
	OPLEX GEDAR [R] - OPLEX	
	PENTE GEDAR [R] - PENTE	
	SIDOL GEDAR [L] - SIDOL	

① Close in obstacles not considered in climb gradient: trees, 180°/250m from DER, up to 2655ft.

GEPNA 1A

RWY 13 (134°)

	GS	120	150	180	210	240	270
6.5%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
GEPNA 1A 6.5% to IRAXO ①	IRAXO [R] - GEPNA	IRAXO MAX 7000 GEPNA at FL90
	TRANSITION	
	DEJAN GEPNA [L] - BH002 - NITLU [L] - DEJAN	GEPNA at FL90 NITLU MNM FL150
	POSTA GEPNA [R] - BH003 - BH004 - BH006 - MOTMA [R] - POSTA	GEPNA at FL90 BH003 MNM FL120 BH004 MNM FL150 BH006 MAX FL160
	PUDVA GEPNA [R] - BH003 - BH004 - BH006 [L] - PUDVA	GEPNA at FL90 BH003 MNM FL120 BH004 MNM FL150 BH006 MAX FL160
	XOMOD GEPNA [R] - BH003 - BH004 - BH006 [L] - XOMOD	GEPNA at FL90 BH003 MNM FL120 BH004 MNM FL150 BH006 MAX FL160

① Close in obstacles not considered in climb gradient: trees, 180°/250m from DER, up to 2655ft.

ILROT 1A

RWY 13 (134°)

	GS	120	150	180	210	240	270
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
ILROT 1A 6.1% to IRAXO ①	IRAXO - KUBEX [R] - ILROT	KUBEX MAX 7000 ILROT at 8000
	TRANSITION	
	DEJAN ILROT [R] - MOSGU - DEJAN	ILROT at 8000
	ISNOG ILROT [R] - BH002 - ISNOG	ILROT at 8000 BH002 at 8000 ISNOG MAX FL120
	KOVED ILROT [R] - BH002 [R] - NIMGU [L] - KOVED	ILROT at 8000 BH002 at 8000 NIMGU at 8000
	MOTMA ILROT [R] - BH002 [R] - NIMGU [R] - MOTMA	ILROT at 8000 BH002 at 8000 NIMGU at 8000

① Close in obstacles not considered in climb gradient: trees, 180°/250m from DER, up to 2655ft.

IVSAM 1A

RWY 31 (314°)

	GS	120	150	180	210	240	270
6.2%	ft/MIN	800	1000	1200	1400	1600	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
IVSAM 1A 6.2% to IVSAM ①	IVSAM	IVSAM MNM 6000
	TRANSITION	
	DEJAN IVSAM [L] - BH019 [L] - BH018 - NITLU [R] - DEJAN	IVSAM MNM 6000 BH019 MNM FL90 BH018 MNM FL110 NITLU MNM FL150
	MOTMA IVSAM - BH021 - BH006 [R] - MOTMA	IVSAM MNM 6000 BH006 at 7000 MOTMA MAX FL160
	POSTA IVSAM - BH021 - BH006 [R] - MOTMA [R] - POSTA	IVSAM MNM 6000 BH006 at 7000 MOTMA MAX FL160
	PUDVA IVSAM - BH021 - BH006 [L] - PUDVA	IVSAM MNM 6000 BH006 at 7000
	XOMOD IVSAM - BH021 - BH006 - XOMOD	IVSAM MNM 6000 BH006 at 7000

① Close in obstacle not considered in climb gradient: building, 344°/503m from DER, up to 2725ft.

05-NOV-2015

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5-70

RNAV KUBEX 1A

SIDPT

KUBEX 1A

RWY 13 (134°)

	GS	120	150	180	210	240	270
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
KUBEX 1A 6.1% to 5000 ①	KUBEX	KUBEX MAX 7000
	TRANSITION	
	EVPAD KUBEX - OPSAB [L] - WH002 - EVPAD	KUBEX MAX 7000 WH002 MAX FL90
	IPATINGA (YPT) KUBEX - OPSAB [L] - WH002 - EVPAD [L] - YPT	KUBEX MAX 7000 WH002 MAX FL90

① Close in obstacle not considered in climb gradient: trees, 180°/250m from DER, up to 2655ft.

TIPLI 1A

RWY 31 (314°)

	GS	120	150	180	210	240	270
6.2%	ft/MIN	800	1000	1200	1400	1600	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
TIPLI 1A 6.2% to 6000 ①	PUMAT [R] - BH013 - BH014 [R] - WH009 - TIPLI	BH013 MAX 7000 BH014 MAX 8000 TIPLI MAX FL90
	TRANSITION	
	OBGAR TIPLI [R] - PENTE [L] - OBGAR	TIPLI MAX FL90
	PENTE TIPLI [R] - PENTE	TIPLI MAX FL90
	RORIP TIPLI - SIDOL [L] - RORIP	TIPLI MAX FL90
	SIDOL TIPLI - SIDOL	TIPLI MAX FL90
	SIGIR TIPLI [R] - SIGIR	TIPLI MAX FL90

① Close in obstacle not considered in climb gradient: building, 344°/503m from DER, up to 2725ft.

05-NOV-2015

PLU-SBBH

5-90

RNAV UBKIS 1A

SIDPT

UBKIS 1A

RWY 13 (134°)

	GS	120	150	180	210	240	270
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
UBKIS 1A 6.1% to 5000 ①	KUBEX [L] - KIMUS [L] - UBKIS	KUBEX MAX 7000 KIMUS MAX 7000 UBKIS MAX FL110
	TRANSITION	
	ANLES UBKIS [L] - ANLES	UBKIS MAX FL110 ANLES MNM FL150
	KOKSU UBKIS [R] - KOKSU	UBKIS MAX FL110 KOKSU MNM FL150
	SALVI UBKIS [L] - ANLES [R] - SALVI	UBKIS MAX FL110 ANLES MNM FL150 SALVI MAX FL190

① Close in obstacles not considered in climb gradient: trees, 180°/250m from DER, up to 2655ft.

EVPAD 1A

RWY 31 (314°)

	GS	120	150	180	210	240	270
6.2%	ft/MIN	800	1000	1200	1400	1600	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
EVPAD 1A 6.2% to 6000 ①	intercept R127 BHZ to BHZ - R304 BHZ to ESBET - LT intercept R213 CNF via UKDEM to TEGOM - LT follow D43 CNF arc to EGBUL - RT intercept R120 BHZ to EVPAD	UKDEM MNM FL090 TEGOM at FL110 EGBUL at FL110

① Close in obstacle not considered in climb gradient: building, 340°/581m from DER up to 2725ft.

05-OCT-2017

PLU-SBBH

5-110

SUKDA 1A

SIDPT

SUKDA 1A

RWY 31 (314°)

	GS	120	150	180	210	240	270
6.2%	ft/MIN	800	1000	1200	1400	1600	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
SUKDA 1A 6.2% to 6000 ①	LT intercept R127 BHZ to BHZ - R304 BHZ via ESBET to SUKDA	SUKDA at 7000
	TRANSITION	
	ANLES SUKDA - RT follow D25.6 CNF arc to LOBUG - LT intercept R080 CNF to ANLES	SUKDA at 7000 LOBUG MAX 8000
	GEDOK SUKDA - RT follow D25.6 CNF arc to BIVBI - LT intercept R009 CNF to GEDOK	SUKDA at 7000 BIVBI MAX 8000
	KOKSU SUKDA - RT follow D25.6 CNF arc to GATOX - LT intercept R098 CNF to KOKSU	SUKDA at 7000 GATOX MAX 8000
	MOTMA SUKDA - LT intercept R266 CNF to MOTMA	SUKDA at 7000
	OPLEX SUKDA - RT follow D25.6 CNF arc to KAMOD - LT intercept R022 CNF to OPLEX	SUKDA at 7000 KAMOD MAX 8000
	PENTE SUKDA - RT follow D25.6 CNF arc to ITAVI - LT intercept R027 CNF to PENTE	SUKDA at 7000 ITAVI MAX 8000
	SELDO SUKDA - RT follow D25.6 CNF arc to KILEB - LT intercept R280 CNF to SELDO	SUKDA at 7000
	SIDOL SUKDA - RT follow D25.6 CNF arc to SUBRI - LT intercept R353 CNF to SIDOL	SUKDA at 7000 SUBRI MAX 8000

① Close in obstacle not considered in climb gradient: building, 340°/581m from DER, up to 2725ft.

05-OCT-2017

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5-120

TONAM 1A

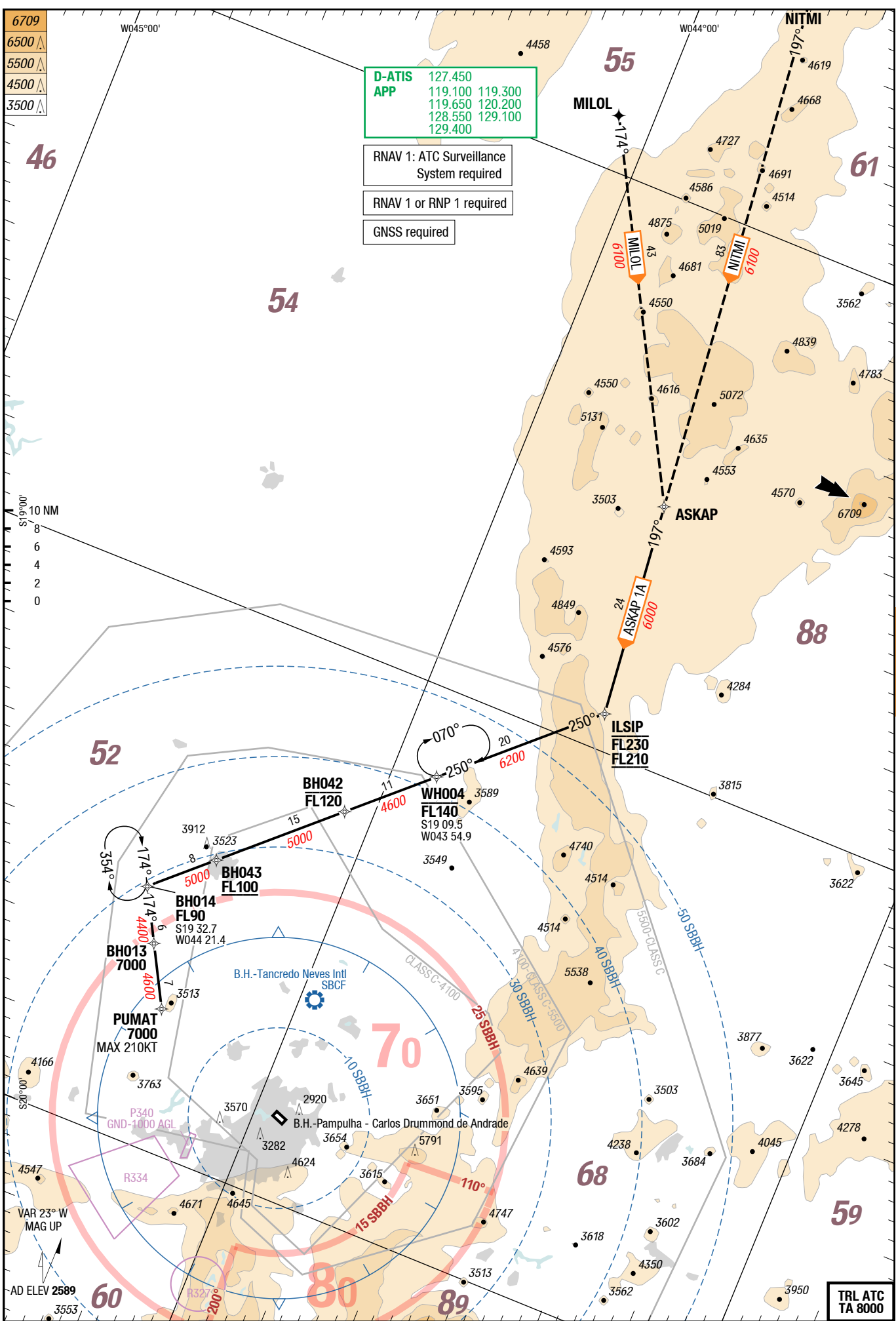
TONAM 1A

RWY 13 (134°)

	GS	120	150	180	210	240	270
6.1%	ft/MIN	800	1000	1200	1300	1500	1700

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
TONAM 1A 6.1% to 5000 ①	intercept R133 BHZ to TONAM	TONAM MAX 7000
	TRANSITION	
	ANLES TONAM - LT follow D31 CNF arc via DIKUR to KOVUL - RT intercept R080 CNF to ANLES	TONAM MAX 7000 DIKUR MAX 7000
	EVPAD TONAM - R133 BHZ to UGETU - LT follow D40 BHZ arc to ASBIT - RT intercept R120 BHZ to EVPAD	TONAM MAX 7000 UGETU MAX FL90
	GEDOK TONAM - LT follow D31 CNF arc via DIKUR to ORESU - RT intercept R009 CNF to GEDOK	TONAM MAX 7000 DIKUR MAX 7000
	IPATINGA (YPT) TONAM - R133 BHZ to UGETU - LT follow D40 BHZ arc to ASBIT - RT intercept R120 BHZ to EVPAD - LT 067° to YPT	TONAM MAX 7000 UGETU MAX FL90
	KOKSU TONAM - LT follow D31 CNF arc via DIKUR to MUDAR - RT intercept R098 CNF to KOKSU	TONAM MAX 7000 DIKUR MAX 7000
	OPLEX TONAM - LT follow D31 CNF arc via DIKUR to BOKUB - RT intercept R022 CNF to OPLEX	TONAM MAX 7000 DIKUR MAX 7000
	PENTE TONAM - LT follow D31 CNF arc via DIKUR to ATIPU - RT intercept R027 CNF to PENTE	TONAM MAX 7000 DIKUR MAX 7000 ATIPU MAX FL80
	SIDOL TONAM - LT follow D31 CNF arc via DIKUR to LOBAN - RT intercept R353 CNF to SIDOL	TONAM MAX 7000 DIKUR MAX 7000

① Close in obstacles not considered in climb gradient: trees, 180°/250m from DER up to 2655ft.



15-SEP-2016

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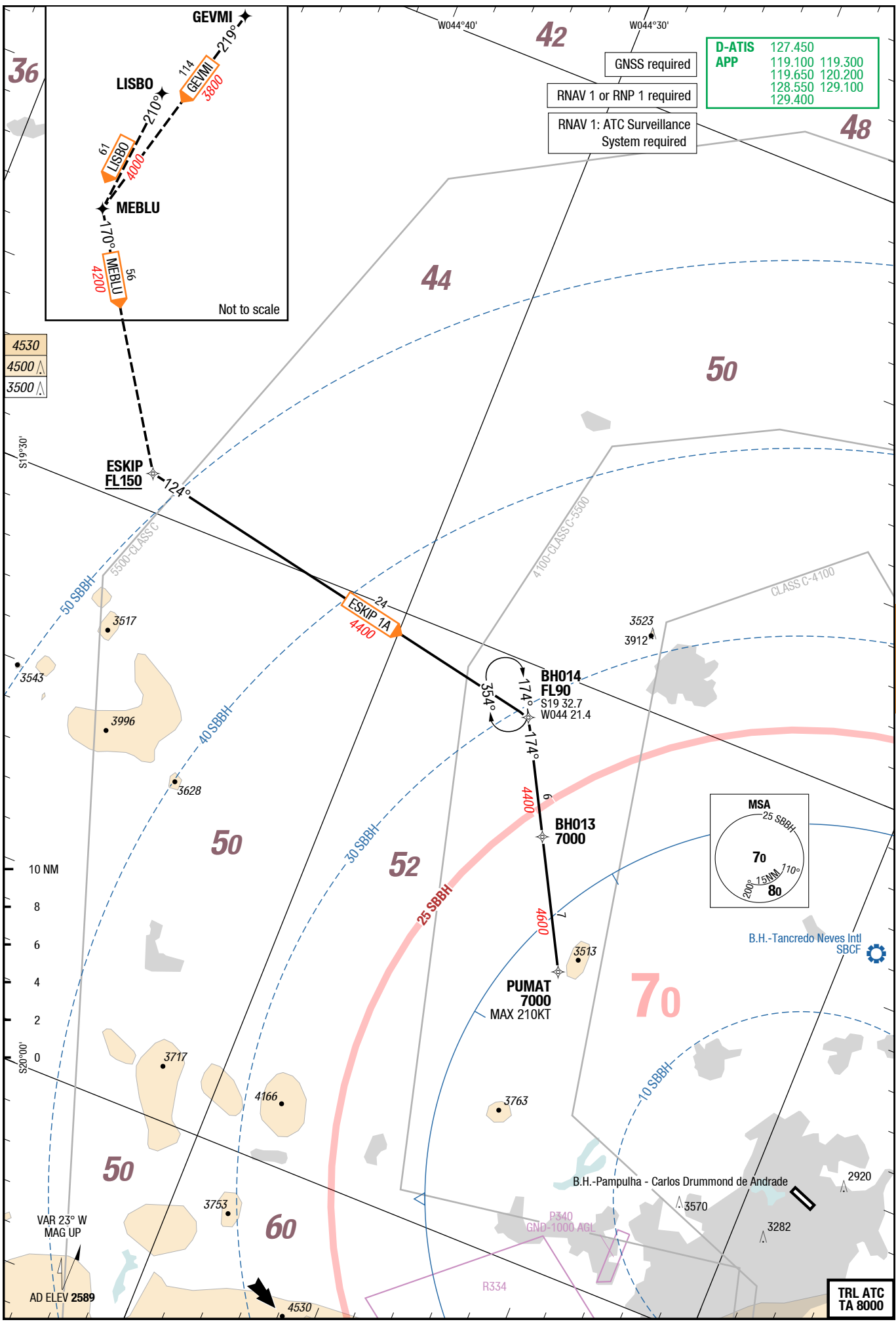
6-20

RNAV ESKIP 1A RWY 13

STAR
STAR

RNAV ESKIP 1A RWY 13

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Changes: ASP, FREQ, OBST

06-SEP-2018
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Brazil **Belo Horizonte** Pampulha - Carlos Drummond de Andrade

RNAV ILSIP 1A RWY 13

6-30

RNAV ESKIP 2B RWY 13

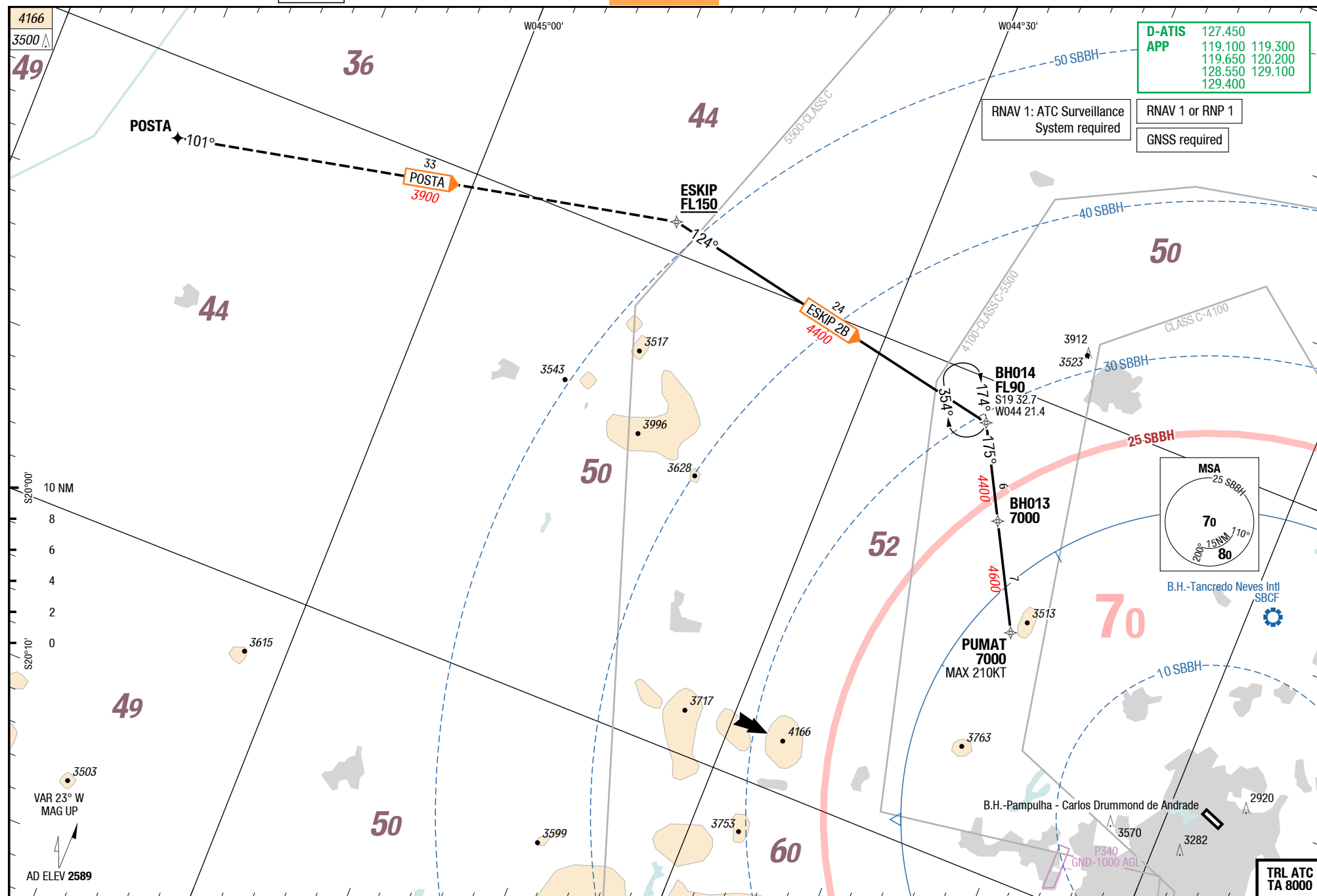
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STAR

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RNAV ILSIP 1A RWY 13

RNAV ESKIP 2B RWY 13



Changes: Track, Note, SUAs, Transition

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6-40

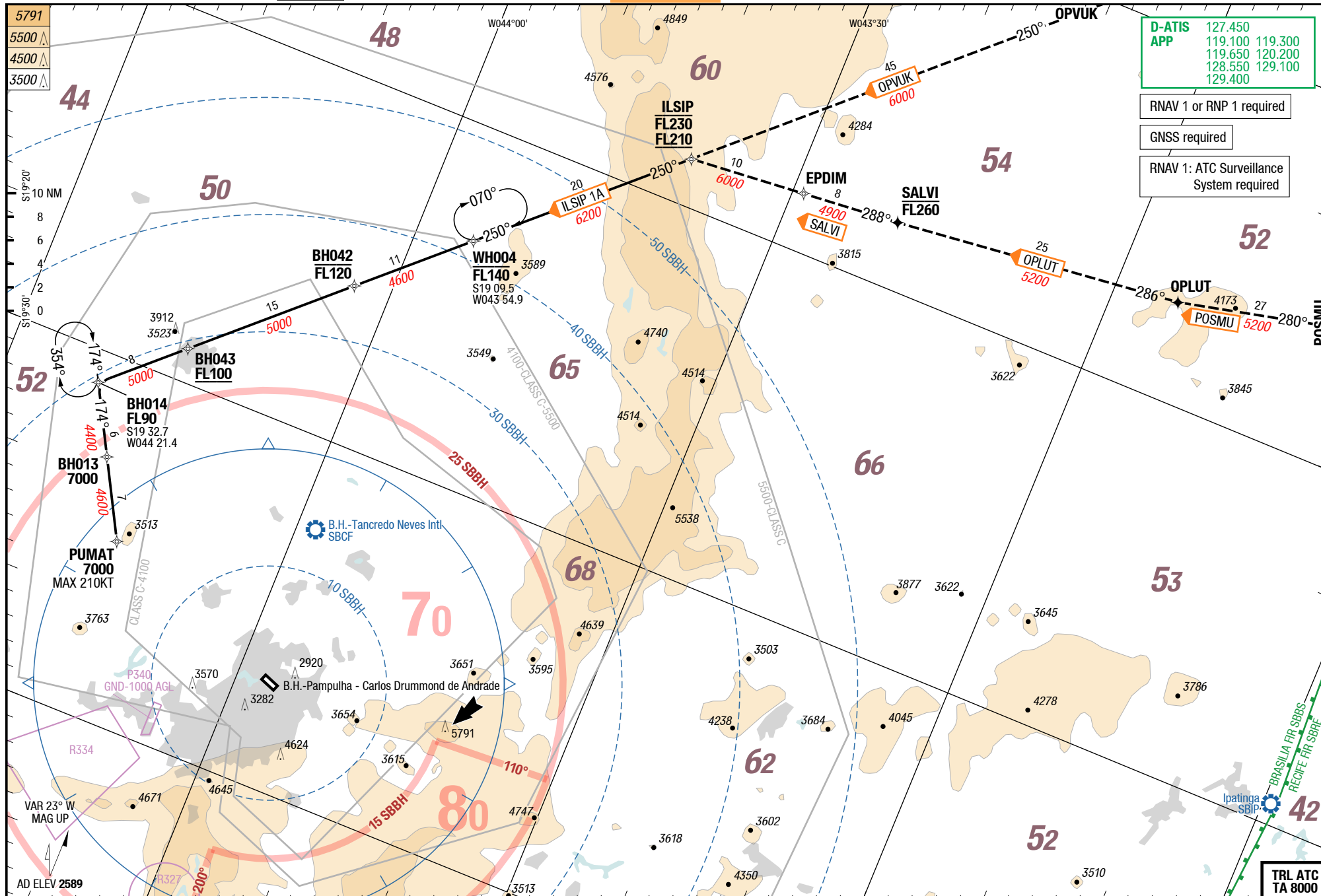
RNAV ILSIP 1A RWY 13

STAR

STAR

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RNAV ILSIP 1A RWY 13



Changes: Ni

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RNAV UGSIT 1A RWY 13

6-50

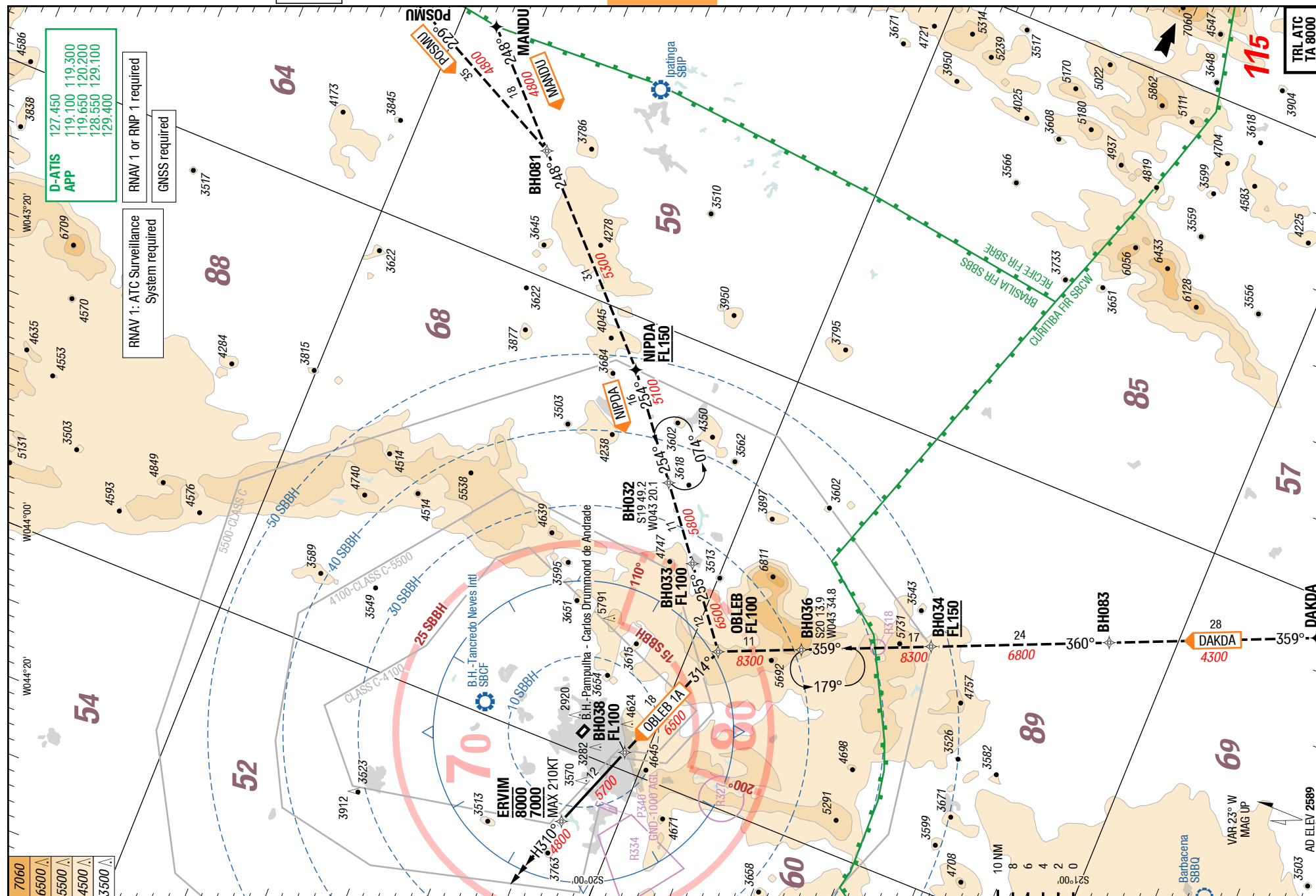
RNAV OBLEB 1A RWY 13

STAR

STAR

RNAV UGSIT 1A RWY 13

RNAV OBLEB 1A RWY 13



Changes: ASP, FREQ, OBST

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STAR

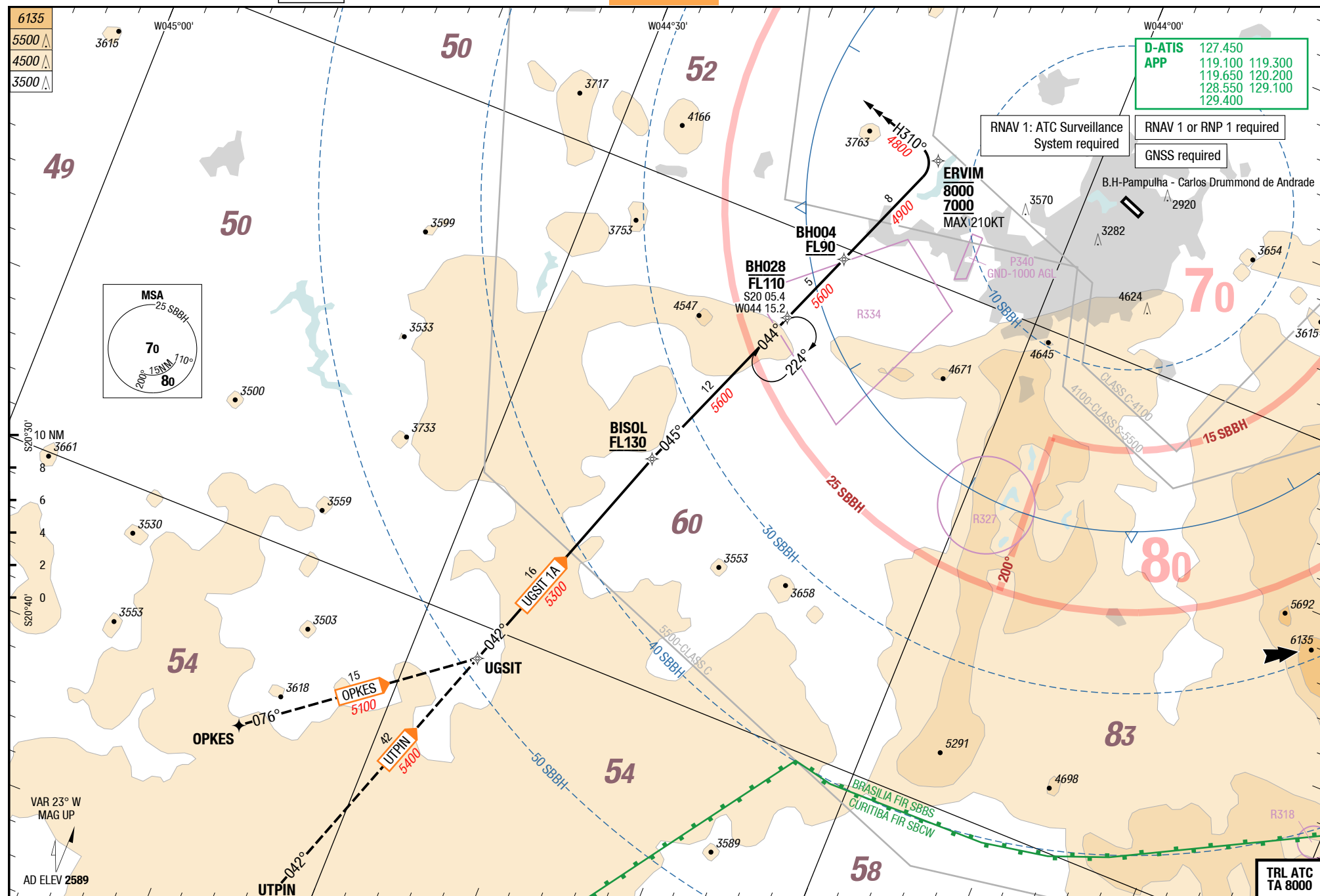
STAR

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RNAV UGSIT 1A RWY 13

6-60

RNAV UGSIT 1A RWY 13



Changes: ASP, FREQ, OBST

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[RNAV ILSP 1A RWY 31]

6-70

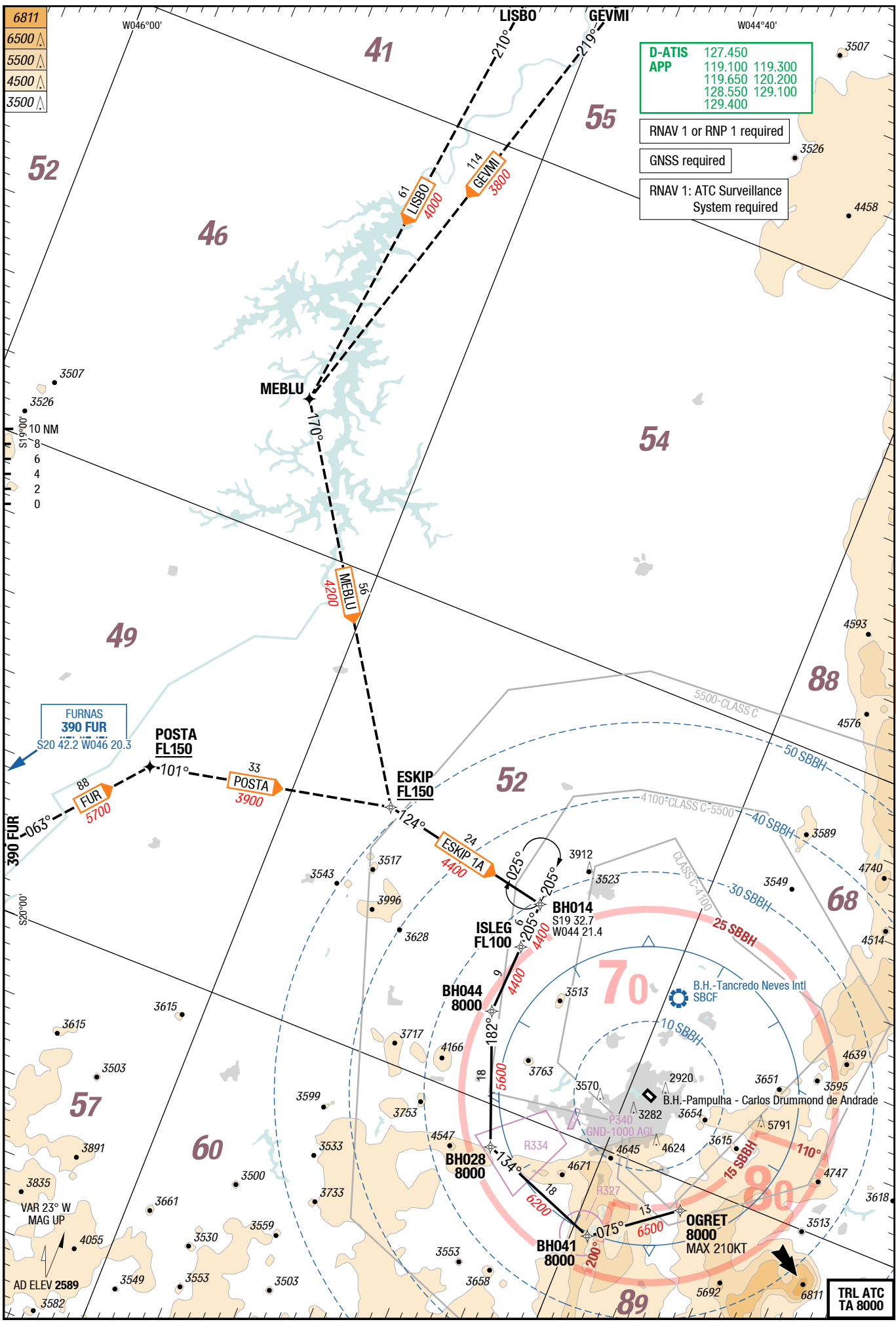
RNAV ESKIP 1A RWY 31

STAR
STAR

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[RNAV ILSP 1A RWY 31]

RNAV ESKIP 1A RWY 31



Changes: ASP, FREQ, OBST

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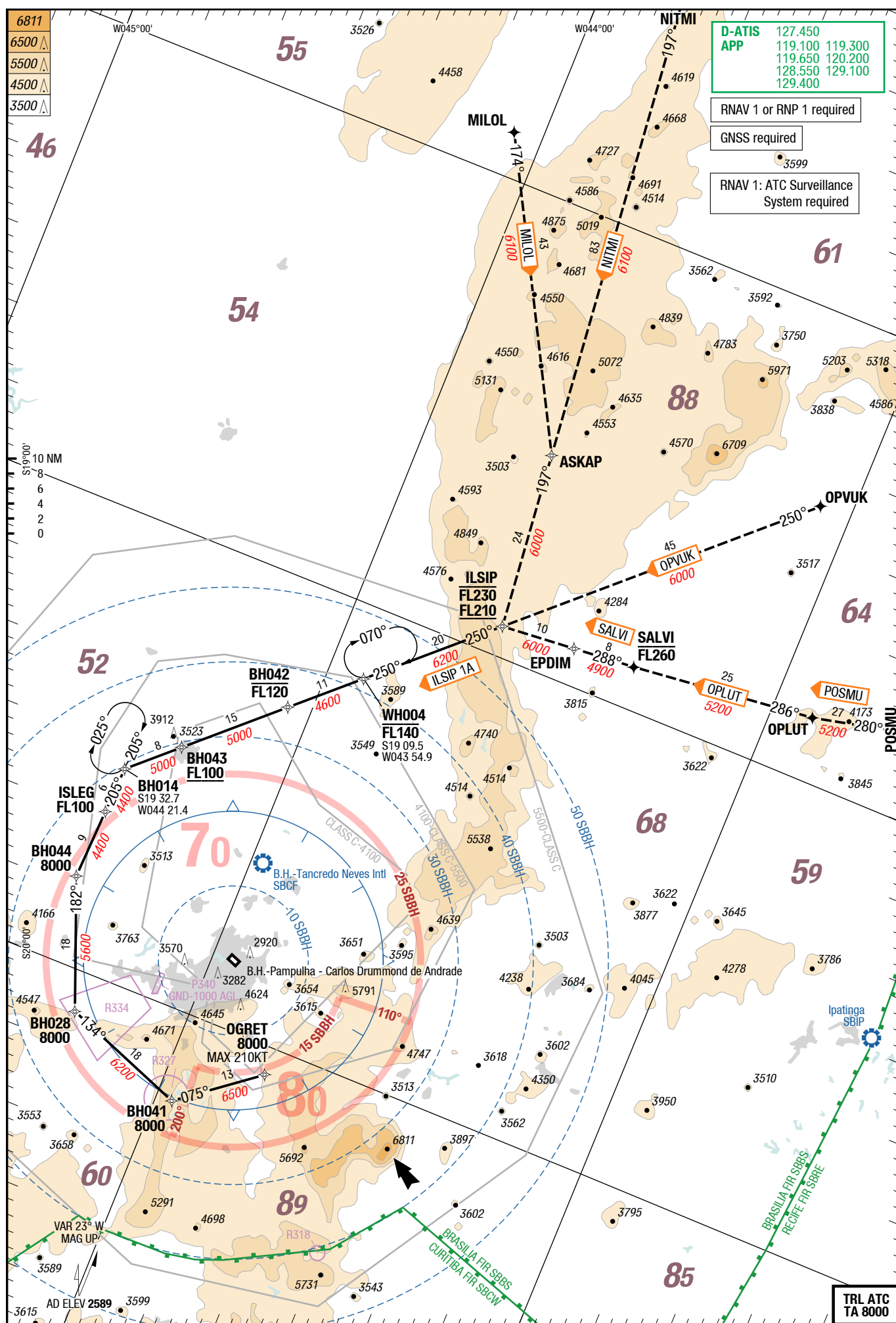
08-9

RNAV ILSIP 1A RWY 31

STAR

STAR

RNAV ILSIP 1A RWY 31



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RNAV UGSIT 1A RWY 31

6-90

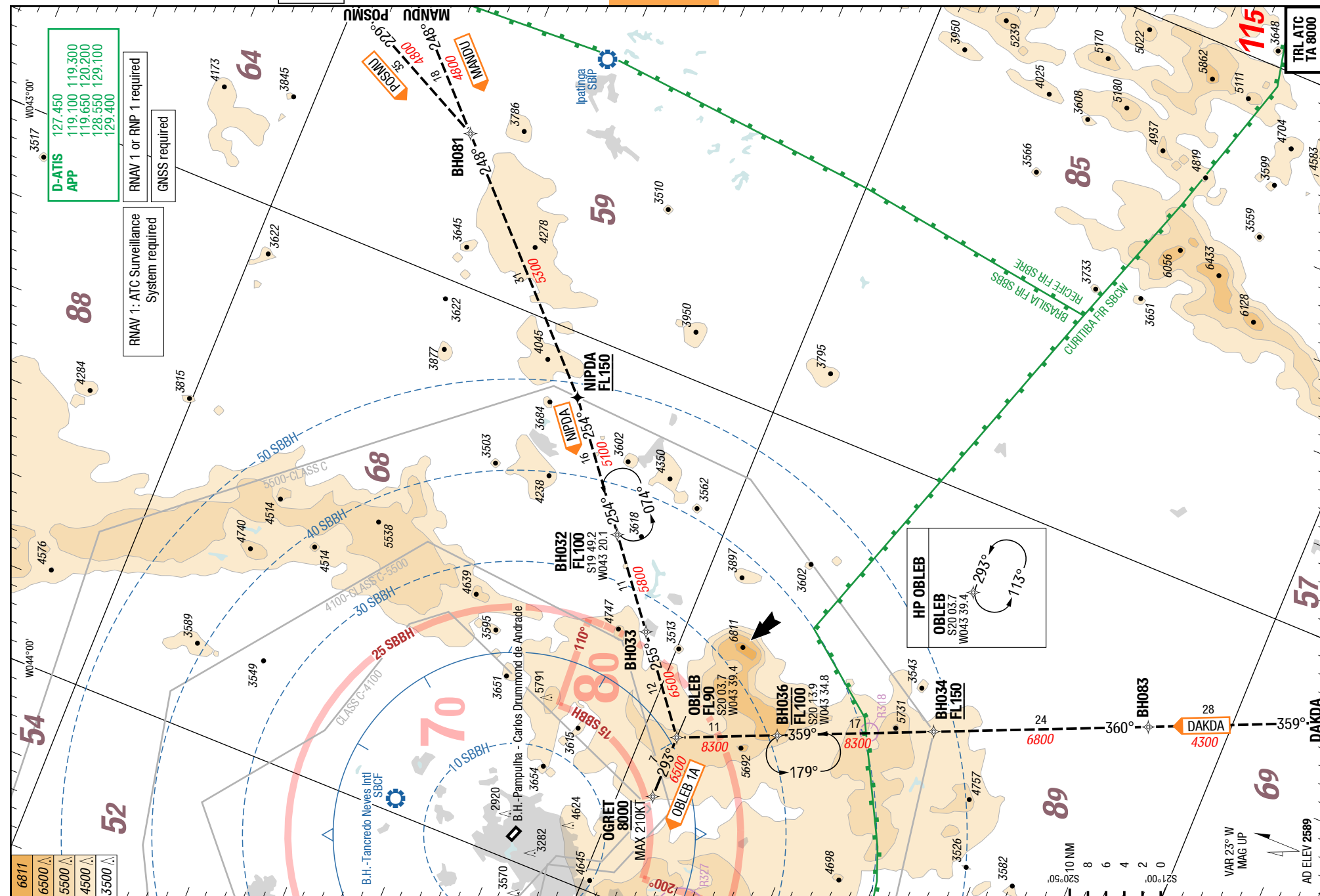
RNAV OBLEB 1A RWY 31

STAR

STAR

RNAV UGSIT 1A RWY 31

RNAV OBLEB 1A RWY 31



Changes: ASP, FREQ, OBST

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6-100

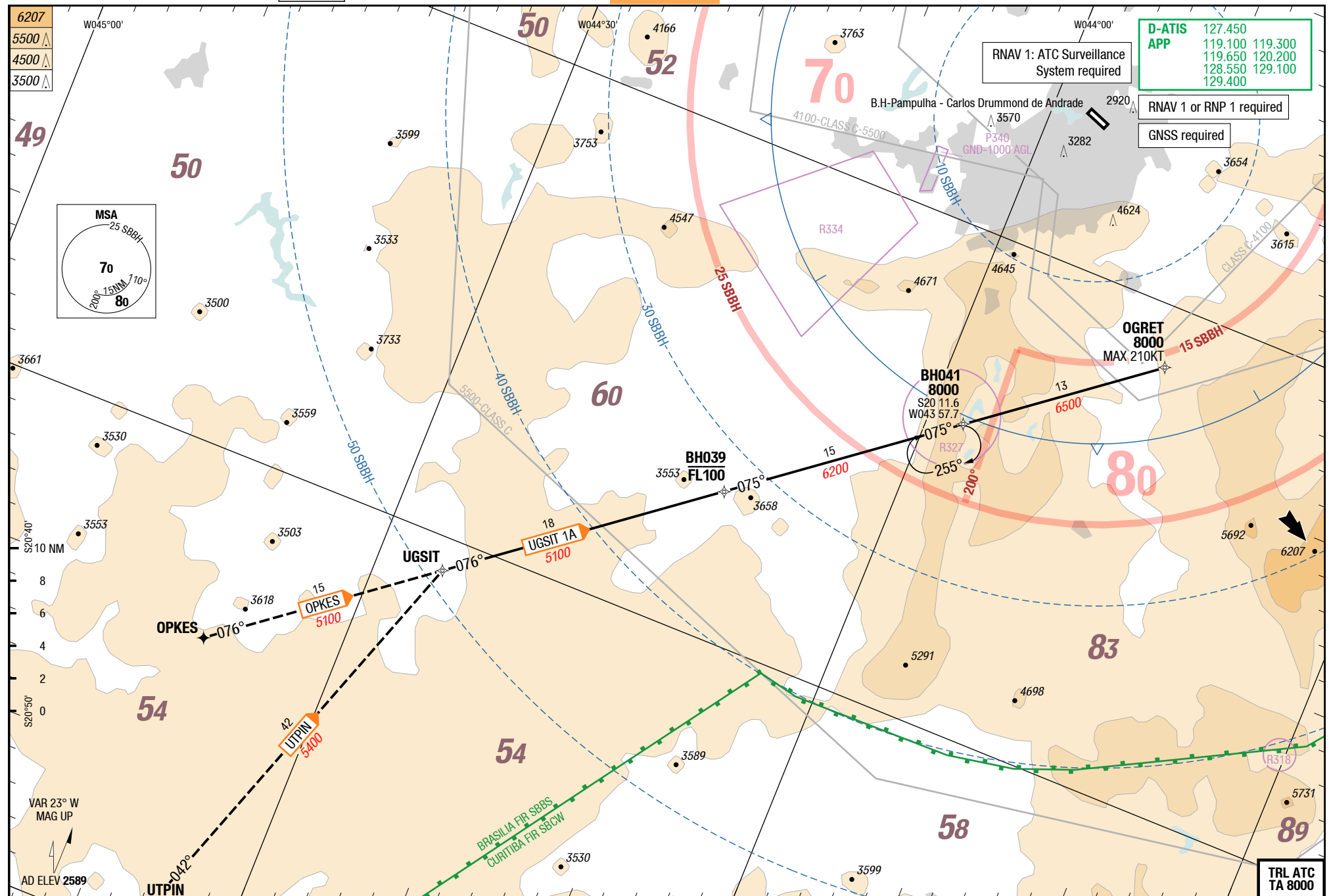
RNAV UGSIT 1A RWY 31

STAR

STAR

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RNAV UGSIT 1A RWY 31



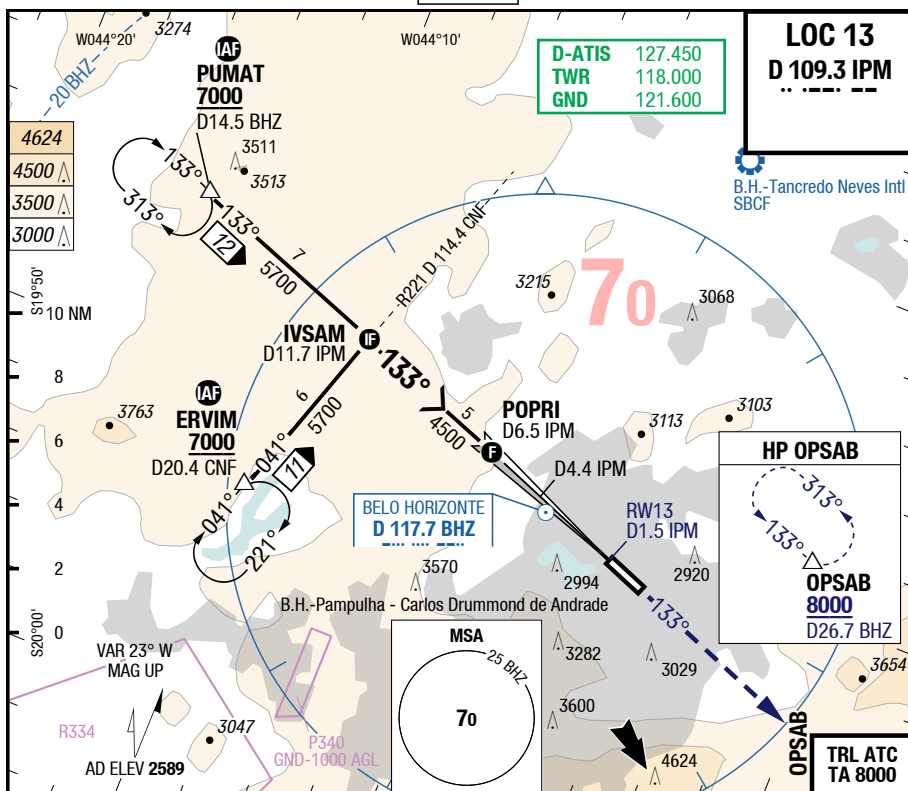
Changes: ASP, FREQ, OBST

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7-10

LOC 13



3.50°
D IPM 133°
RWY 134°

9.7	8	7	6	5	4
5700	5080	4710	4330	3960	3580

(13)

83.8°
2364 G 45
Grooved from 114m from THR 13 up to 1120m
THR 2581 (90hPa) / TDZ --- (---%) +0.1%

D11.7 IPM IVSAM D9.7 D6.5 POPRI D4.4 D1.5 IPM RW13

5700 IF D 133° 4500 F 3500 MDA

133° to OPSAB (D26.7 BHZ) climb 8000

GS	120	140	160
D6.5 IPM	740	870	990
-MAPt	2:30	2:09	1:53

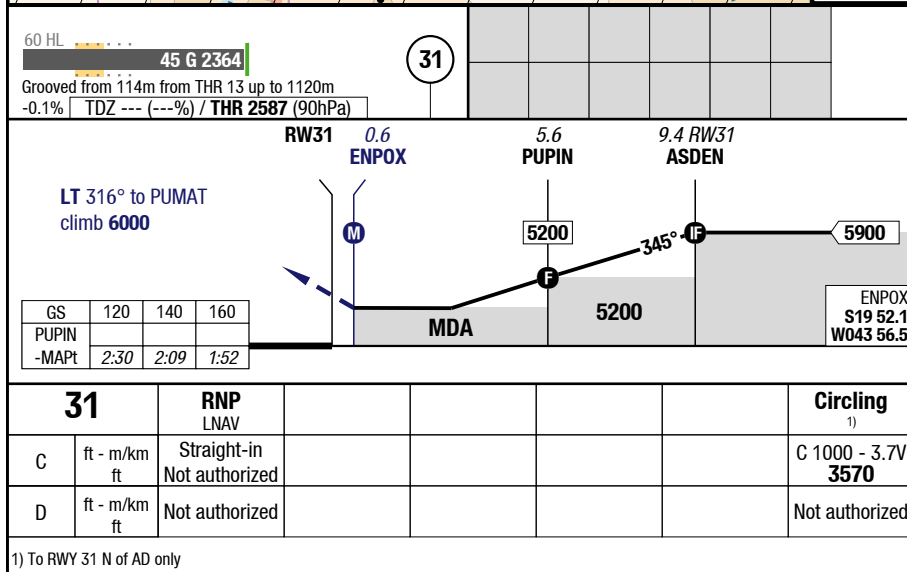
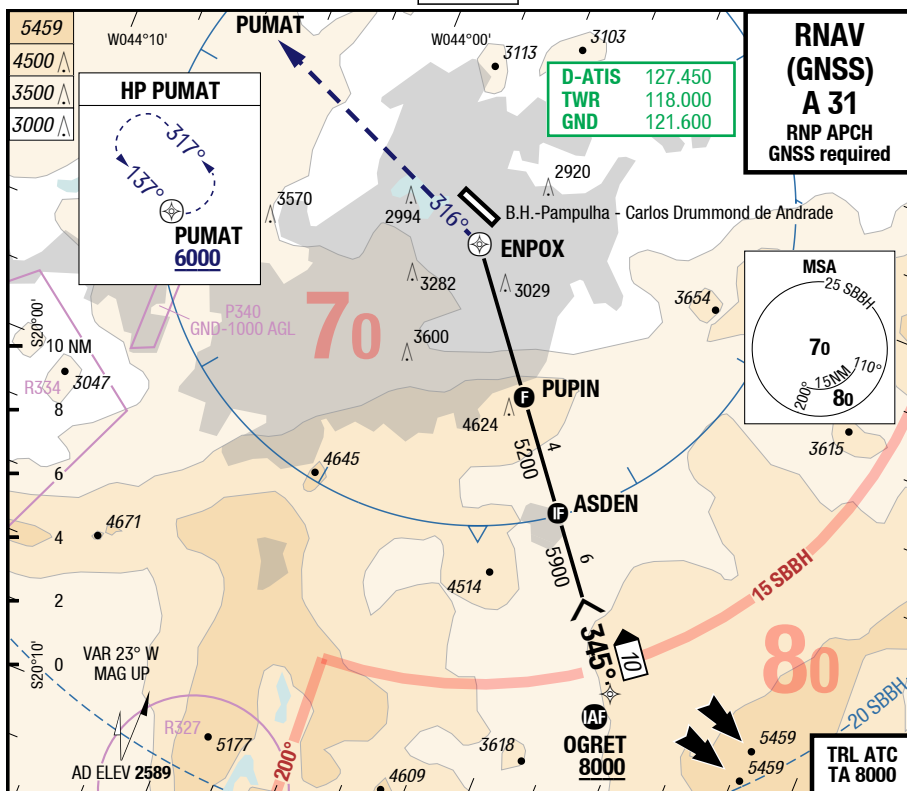
DIST to THR 10 5 2.9 0

13		LOC DME	LOC DME APL U/S				Circling
C	ft - m/km ft	C 700 - 2.4V 3230	C 700 - 3.0V 3230				Not authorized
D	ft - m/km ft	Not authorized	Not authorized				Not authorized

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7-30

RNAV (GNSS) A 31



09-AUG-2018
PLU-SBBH

Brazil **Belo Horizonte** Pampulha - Carlos Drummond de Andrade

NIL
MRC

MRC

MRC

Pampulha - Carlos Drummond de Andrade **Belo Horizonte** Brazil

NIL
MRC

