

03-MAY-2018

PLL-SBMN**1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours:** Not published**Airport Information****RFF:** CAT 8**Fuel:** 0900-2200, other times O/R**PCN:** RWY 09/27: 45/F/B/X/T**Operation****Engine Run-up Areas**

ENG run-ups at APN in front of TWR/AIS and at stopways prohibited.

Warnings

Birds in vicinity of AD and concentration in the TFC circuit and sector APCH RWY 09/27.

ARRIVAL**Communication****COM Failure:** See CRAR and in addition;**RNAV RWY 09****ALBIP 1A, KULAB 1A, SEMLA 1A**

Complete ARR up to ARSOS and execute procedure authorized by ATC.

IRUMO 1A, MOLDO 1A

Complete ARR up to VURIV and execute procedure authorized by ATC.

RNAV RWY 27**ALBIP 1B, KULAB 1B, SEMLA 1B**

Complete ARR up to MN013 and execute procedure authorized by ATC.

IRUMO 1B, MOLDO 1B

Complete ARR up to GELAG and execute procedure authorized by ATC.

DEPARTURE**Take-off Minima**

RWY		09/27	
Multi ENG	ft - m/km	0 - 600V	TKOF ALTN AVBL, HJ only
		0 - 800V	TKOF ALTN AVBL, HN
All ACFT		c600 - 2.6V	-

13-SEP-2018

Brazil Manaus Ponta Pelada

PLL-SBMN

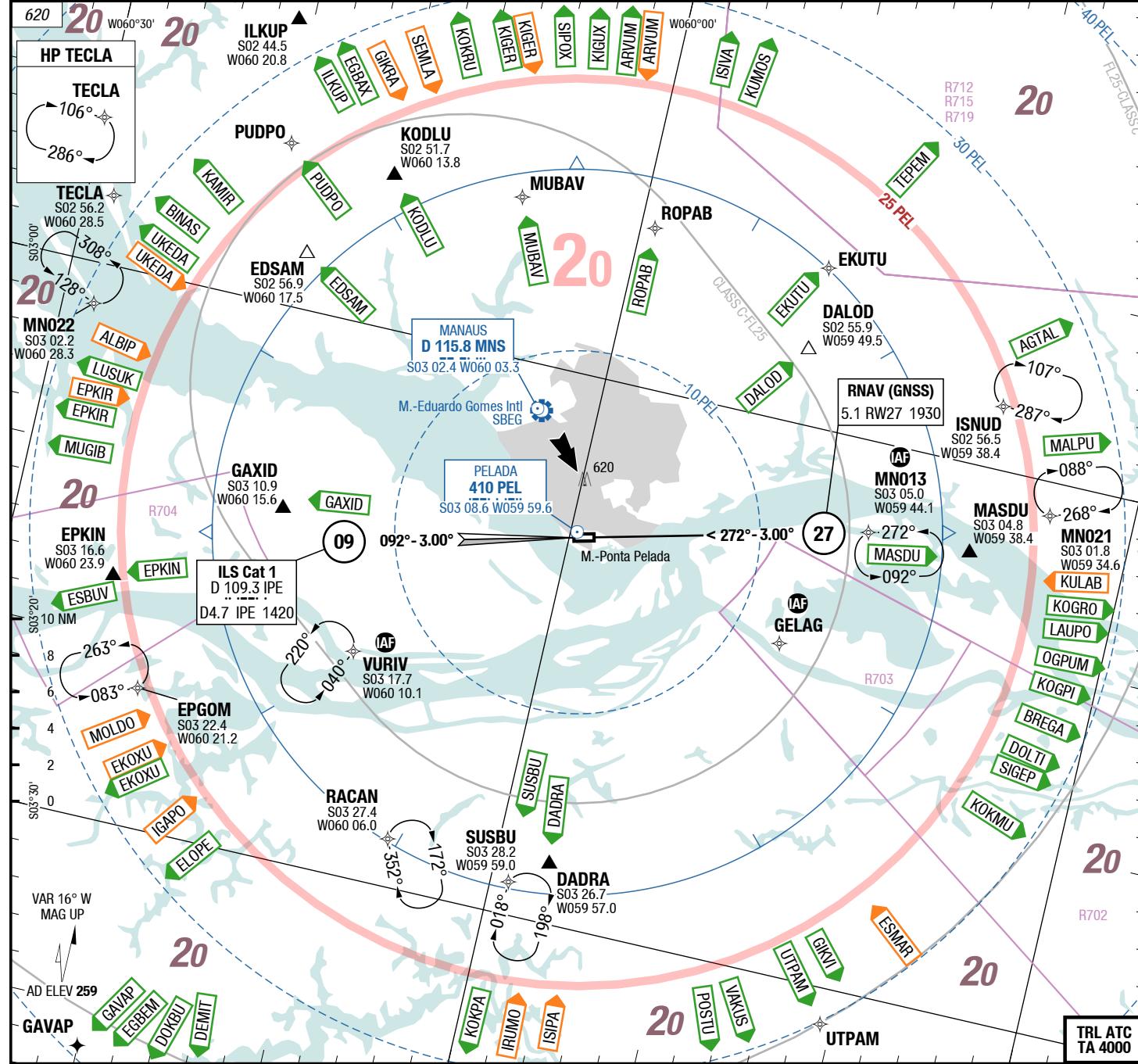
2-10

1

AF

Ponta Pelada **Manaus** Brazil

620



D-ATIS	127.650
Amazonico ACC	
134.250	134.700
126.100	127.000
125.400	125.800
133.900	124.750
125.400	
APP	119.250
	119.700
	120.400
TWR	118.100
Landing RWY system:	
09	
THR 248 (9hPa) / TDZ 248 (---%) 0.0%	
60 L	45 x 1992
VASI PSN unknown	3.0°
0.0%	TDZ --- (---%) / THR 250 (9hPa)
27	

13-SEP-2018

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3-20

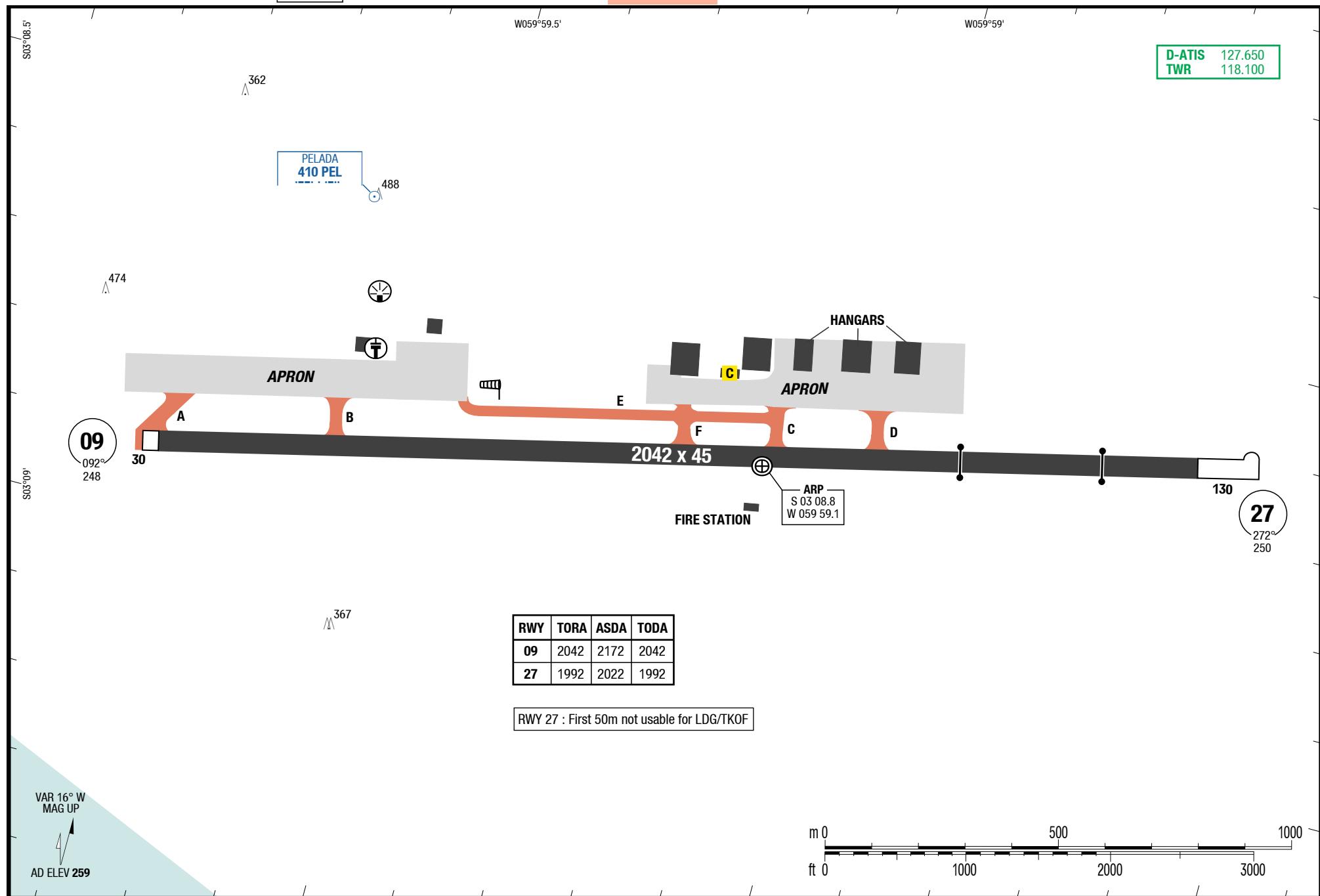
AGC

Ponta Pelada Manaus Brazil

AGC

W059°59'

W059°59.5'

D-ATIS 127.650
TWR 118.100

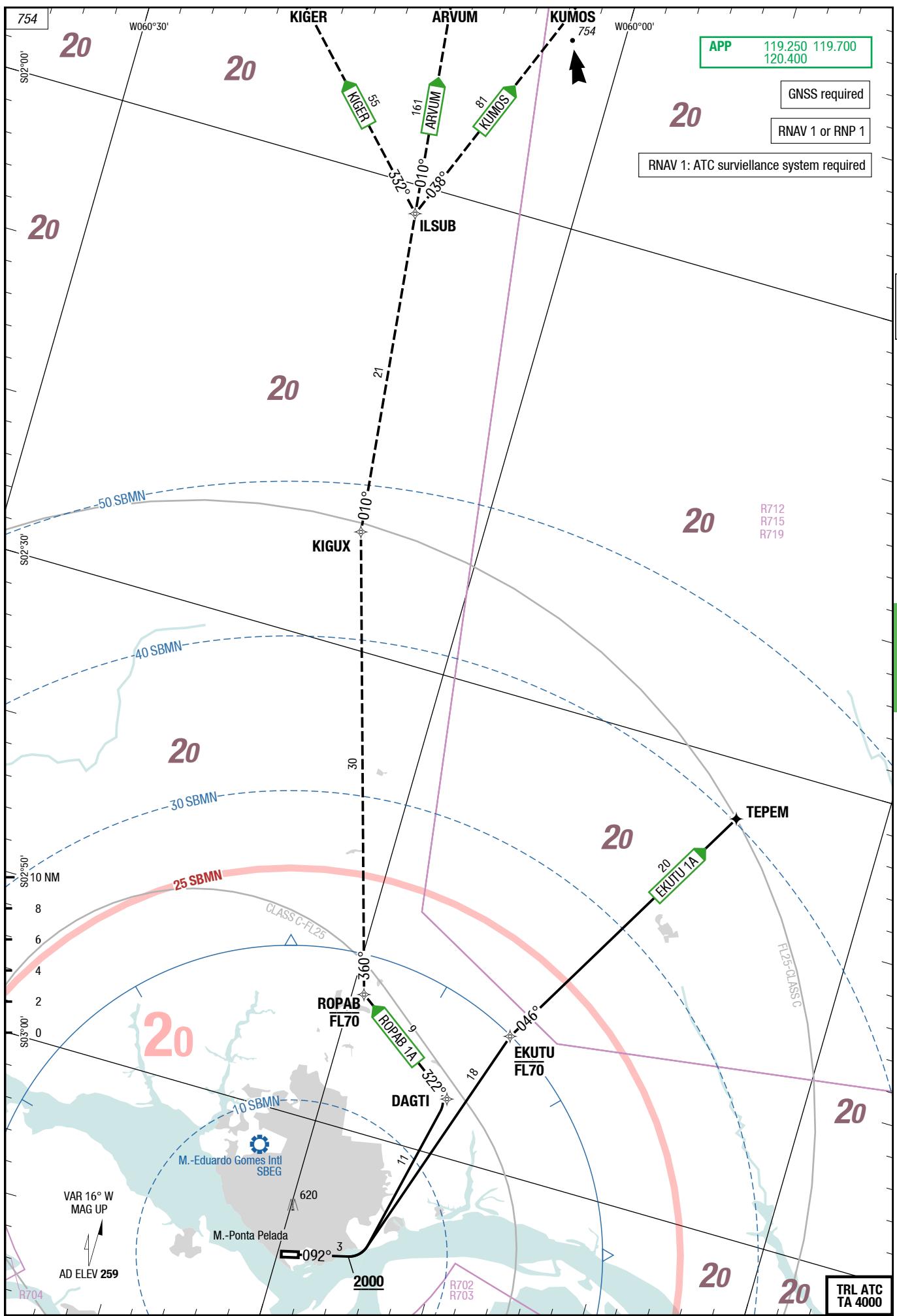
03-MAY-2018

PLL-SBMN

4-10 RNAV 09 EKUTU 1A/ ROPAB 1A
Brazil Manaus Ponta Pécada
RNAV 09 GAVAO 1A

SID

Ponta Pelada Manaus Brazil
RNAV 09 GAVAP 1A



03-MAY-2018

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4-20

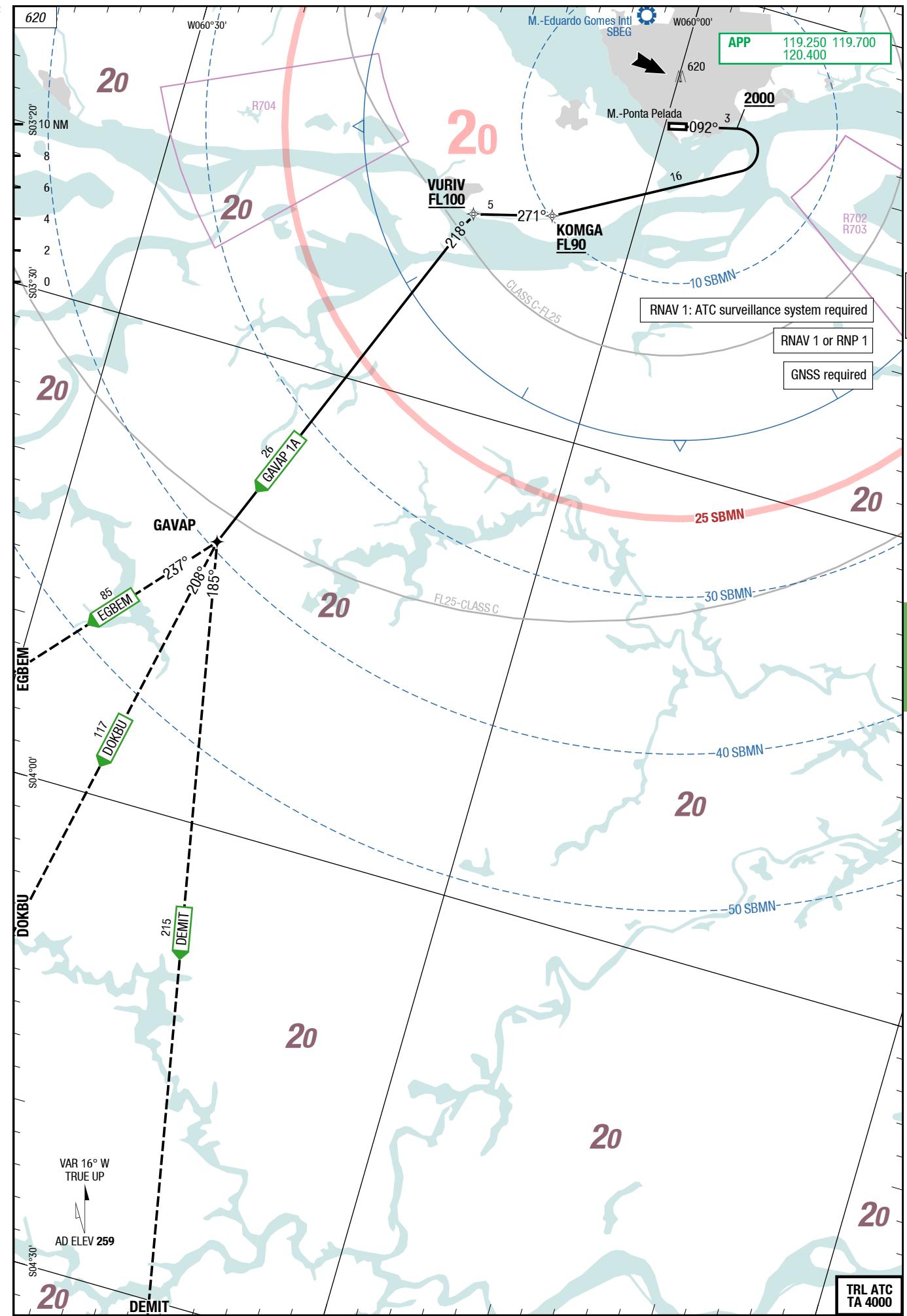
RNAV 09 GAVAP 1A

19

RNAV 09 GAVAP 1A

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Julia Evans | [Julia Evans](#)



03-MAY-2018

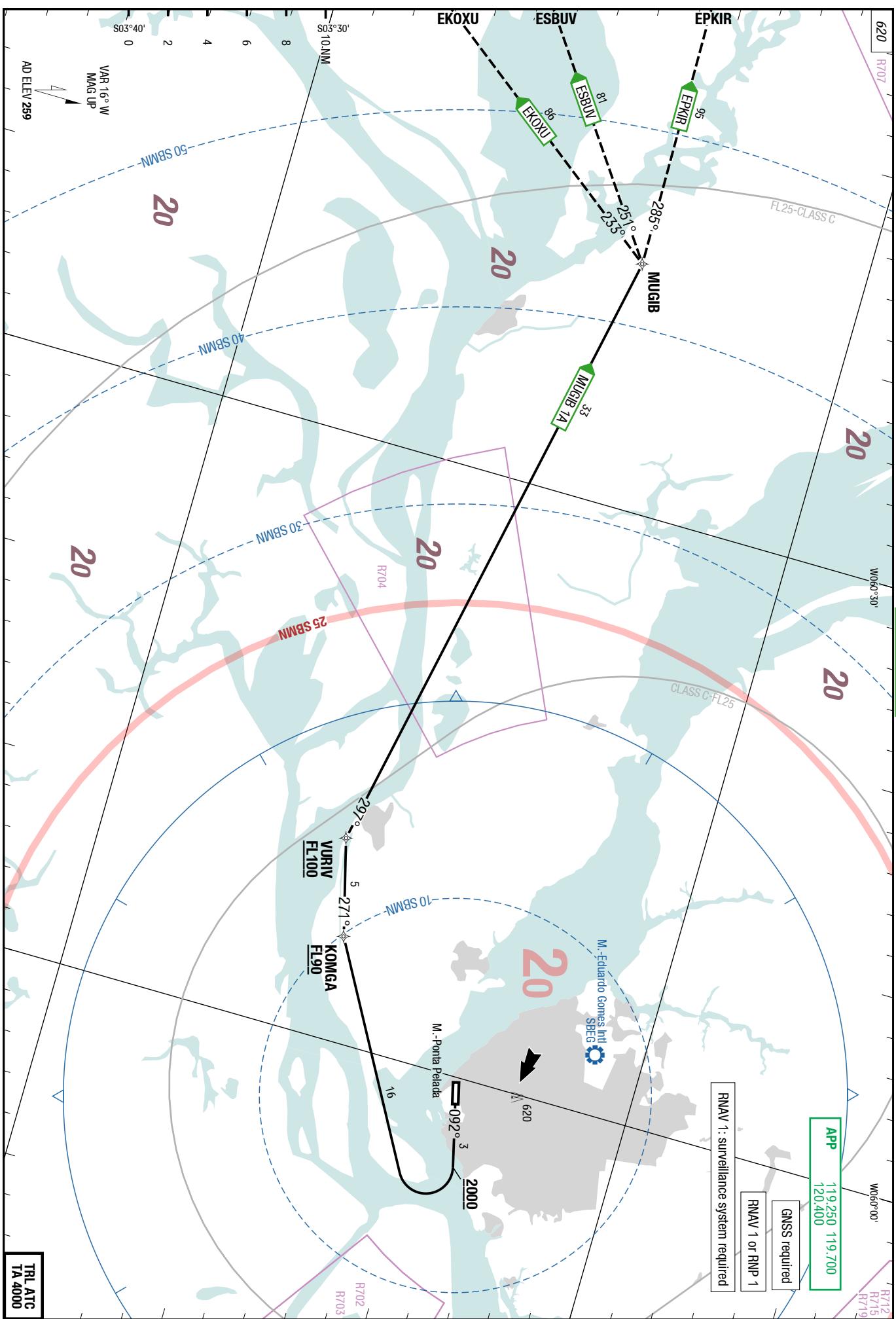
PLL-SBMN

4-30

RNAV 09 MUGIB 1A Manaus Ponta Pelada RNAV 09 PUDPO 1A

SID

RNAV 09 MUGIB 1A



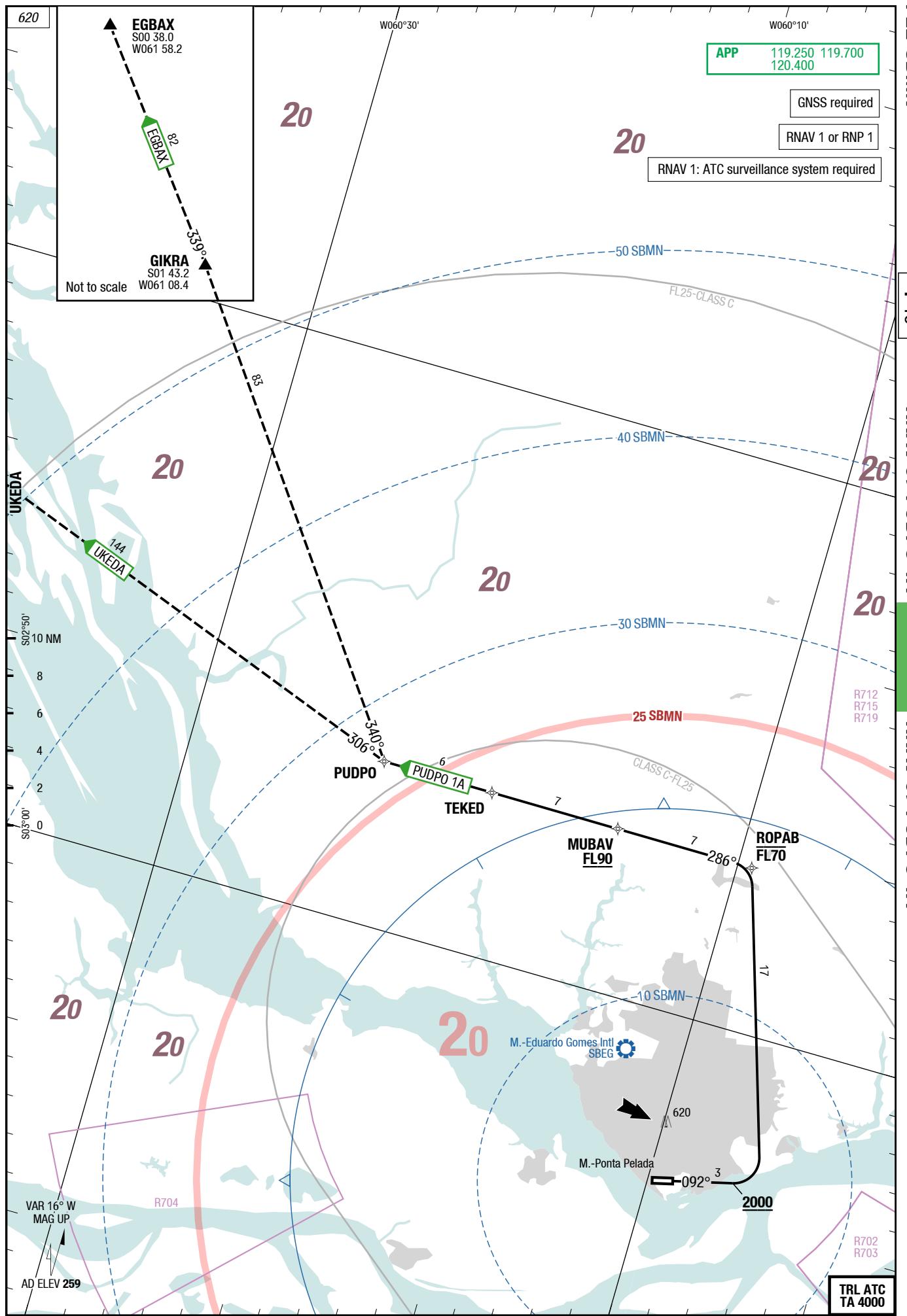
03-MAY-2018

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Brazil Manaus Ponta Pelada
RNAV 09 PUDPO 1A

SID

RNAV 09 PUDPO 1A
Ponta Pelada Manaus Brazil



03-MAY-2018

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Brazil Manaus Ponta Pelada
RNAV 27 GAWAP 1B
RNAV 09 SIGEP 1A/UTPAM 1A

Ponta Pelada Manaus Brazil
[RNAV 27 GNAVAP 1B] RNAV 09 SIGEP 1A/UTPAM 1A

4-50

RNAV 09 SIGEP 1A/UTPAM 1A

W059°-30' W059°-30' W059°-30' W059°-30'

APP 119.250 119.700
120.400

GNSS required

RNAV 1 or RNP 1

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35
DOLTI

3°
2

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25

10 of 10

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20 TRLAT

TA 400

Changes: new

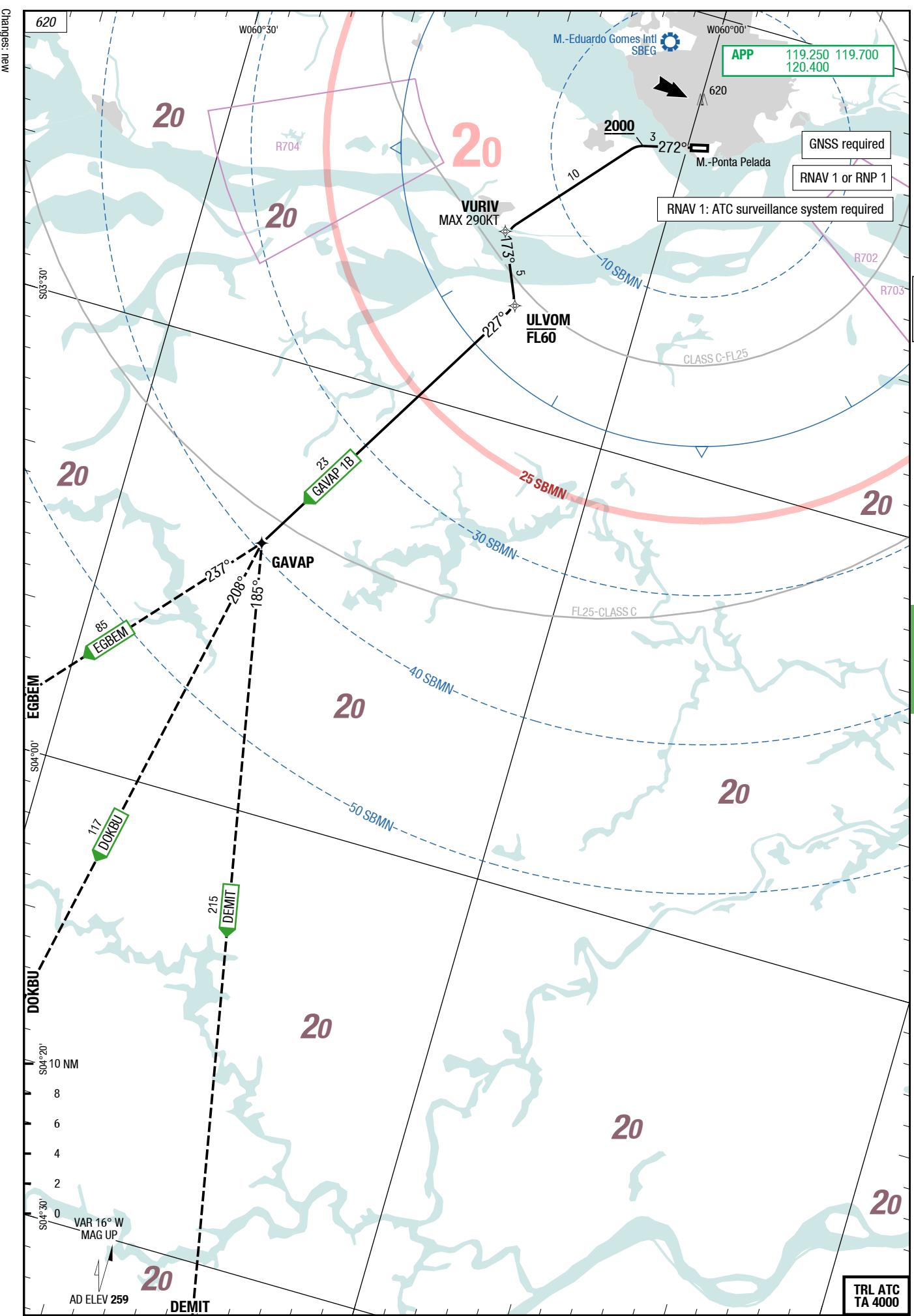
AD ELEV 259
20
1
POSTU
GIKVI
20
TRL AT TA 40

03-MAY-2018

PLL-SBMIN

4-60

RNAV 27 GAVAP 1B

SID
SIDRNAV 27 GAVAP 1B
Ponta Pelada Manaus Brazil

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RNAV 27 MUGIB 1B

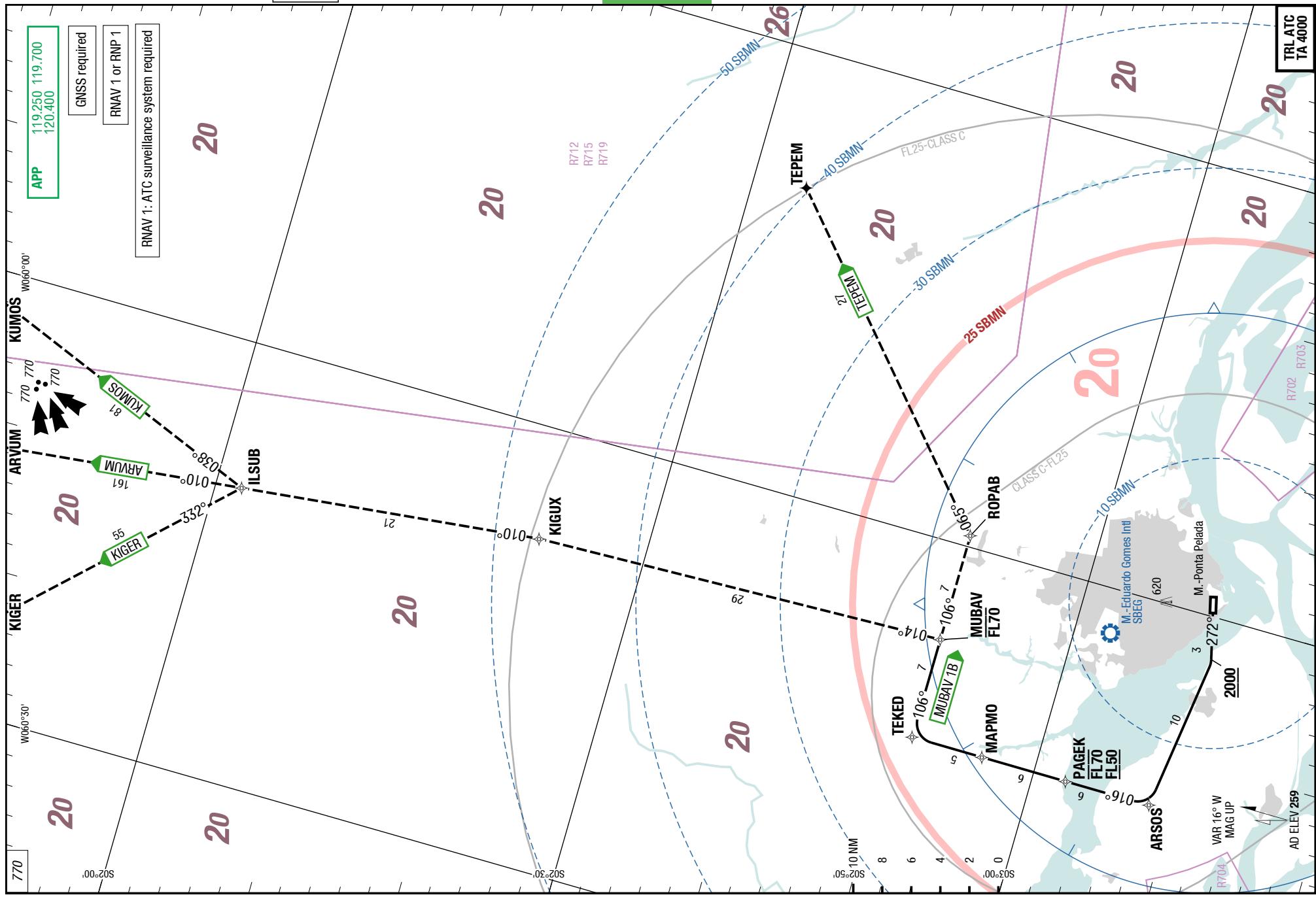
RNAV 27 MUBAV 1B

Ponta Pelada **Manaus Brazil**

RNAV 27 MUGIB 1B

RNAV 27 MUBAV 1B

4-70



03-MAY-2018

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Brazil **Manaus** Ponta Pelada

Ponta Pelada **Manaus** Brazil

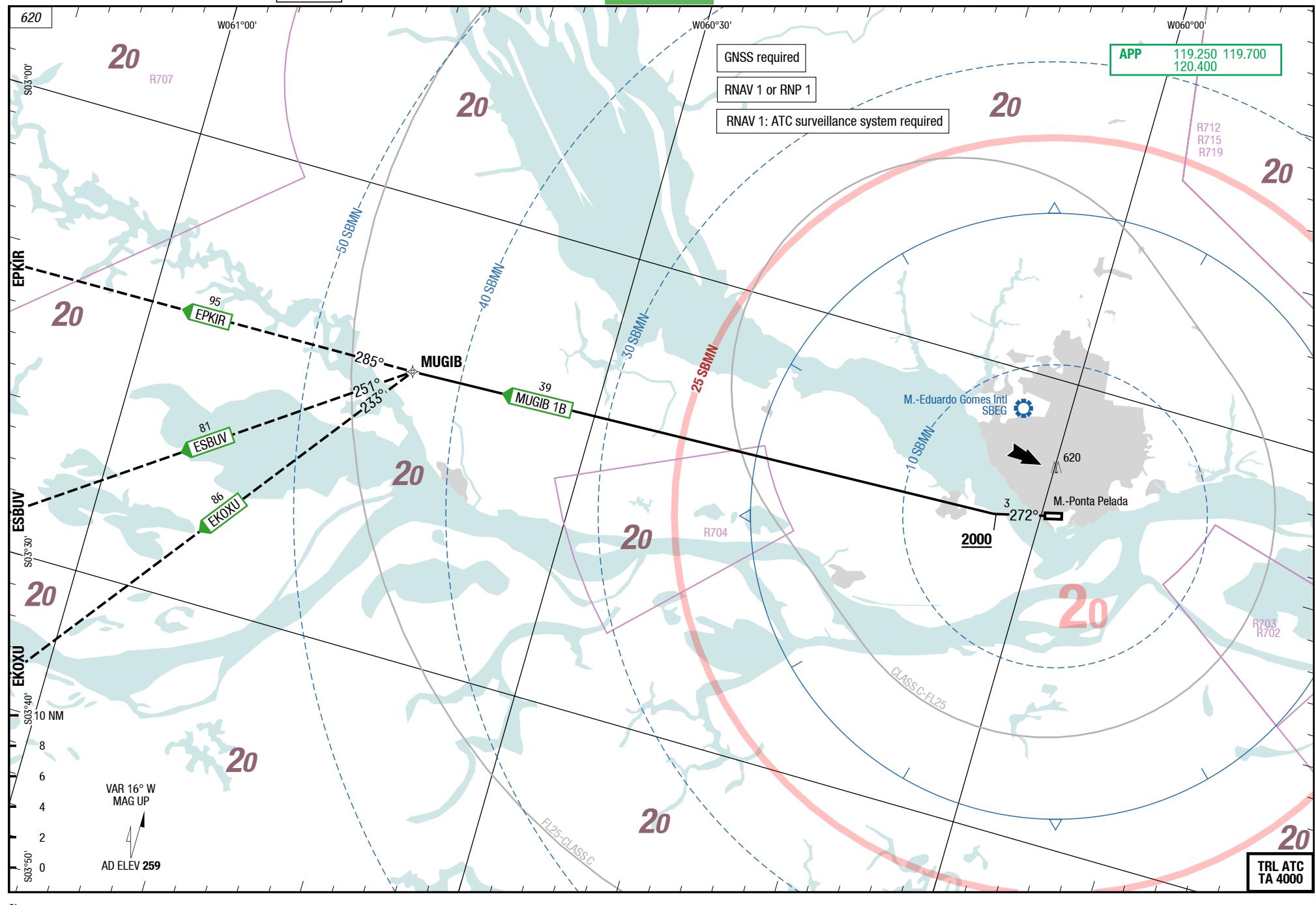
4-80

RNAV 27 MUGIB 1B

SID

10

RNAV 27 MUGIB 1B



03-MAY-2018

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Brazil Manaus Ponta Pelada

RNAV 27 SUSBU 1B

Ponta Pelada **Manaus** Brazil

RNAV 27 SUSBU 1B

4-90

RNAV 27 PUDPO 1B

SID

SID

APP 119.250 119.700
120.400

RNAV 1 or RNP 1

RNAV 1: ATC surveillance system required

20

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— — — — 40 SBMN

110

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11

272°
2000

AD_ELEV

Changes: new

03-MAY-2018

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Brazil Manaus Ponta Pelada

4-100

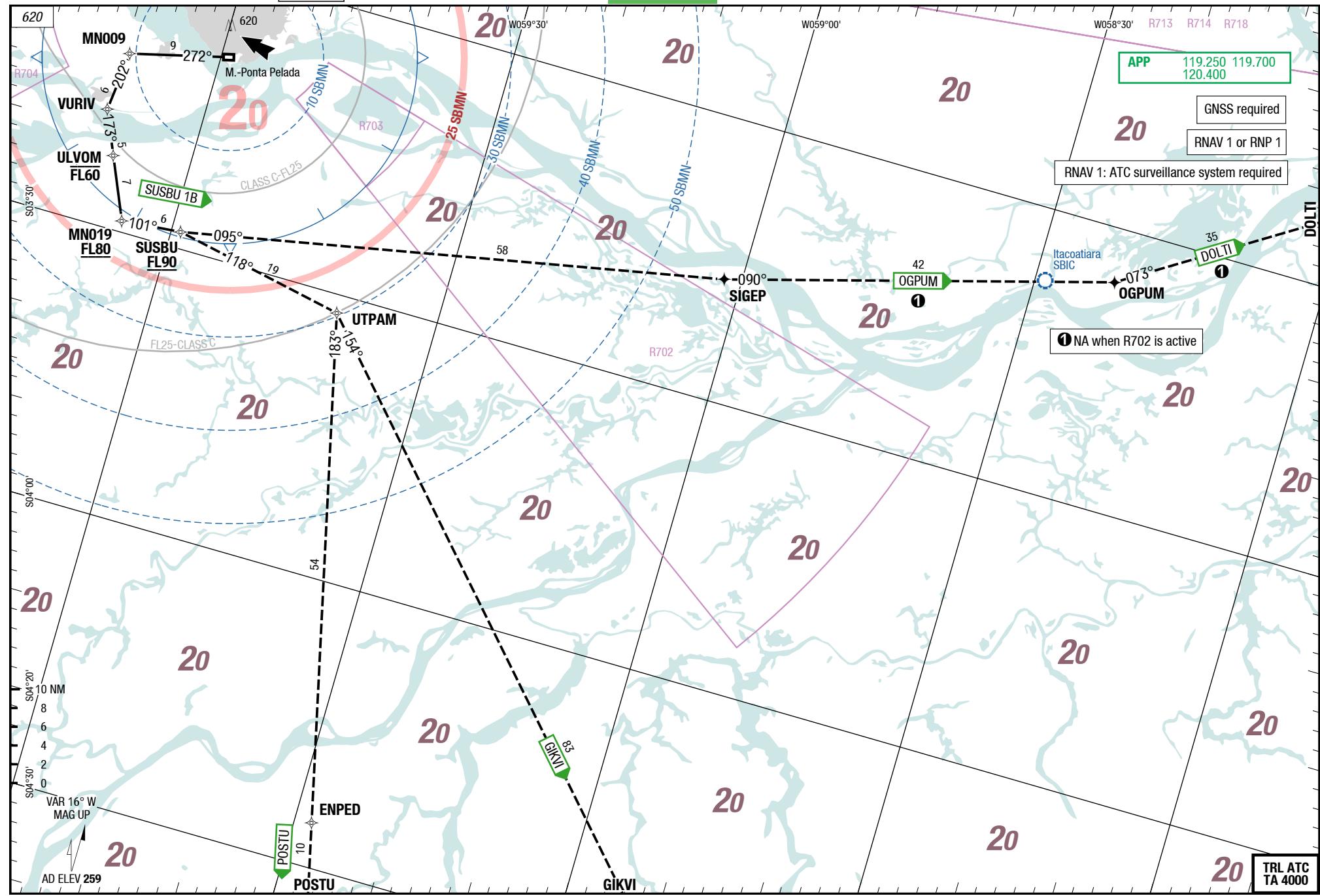
RNAV 27 SUSBU 1B

SID

SID

Ponta Pelada Manaus Brazil

RNAV 27 SUSBU 1B



Changes: new

03-MAY-2018

PLL-SBMN

Brazil Manaus Ponta Pelada

DADRA 3 / MASDU 3

4-110

DADRA 2 / MASDU 2

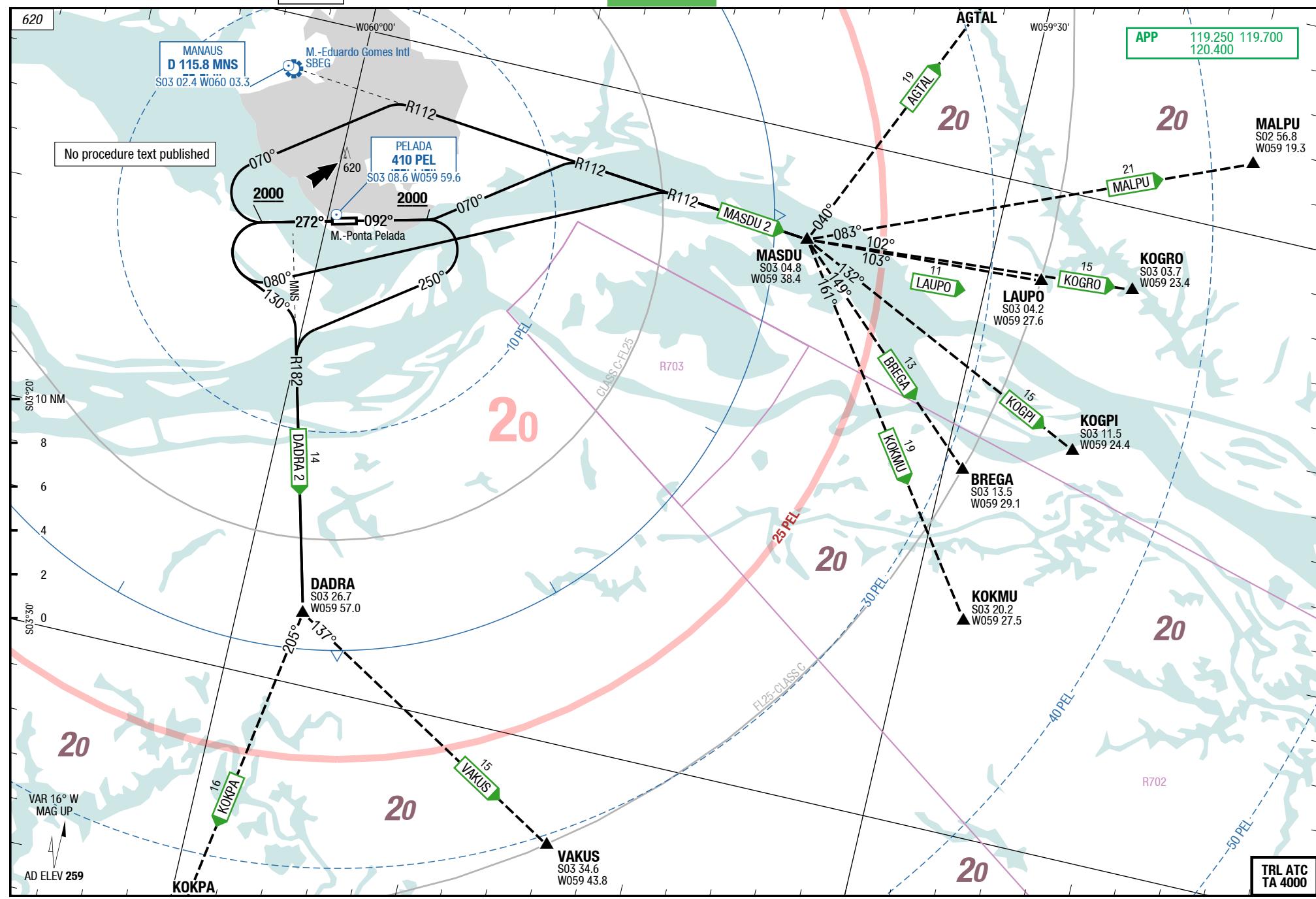
SID

SID

Ponta Pelada Manaus Brazil

DADRA 3 / MASDU 3

DADRA 2 / MASDU 2



Changes: Track, OBST, VAR, AD ELEV

03-MAY-2018

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4-120

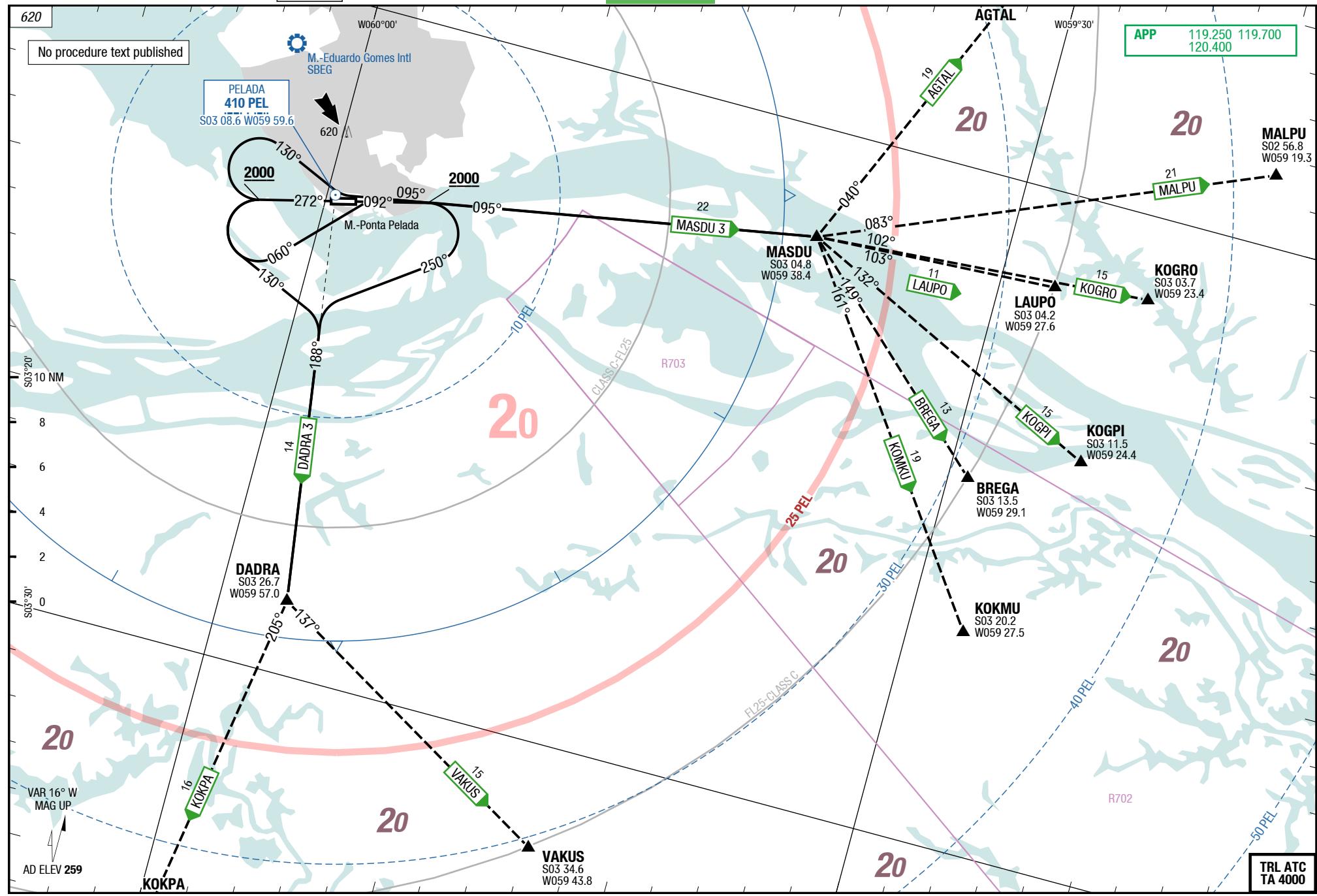
DADRA 3 / MASDU 3

SID

SID

Ponta Pelada Manaus Brazil

DADRA 3 / MASDU 3



03-MAY-2018

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Brazil Manaus Ponta Pelada

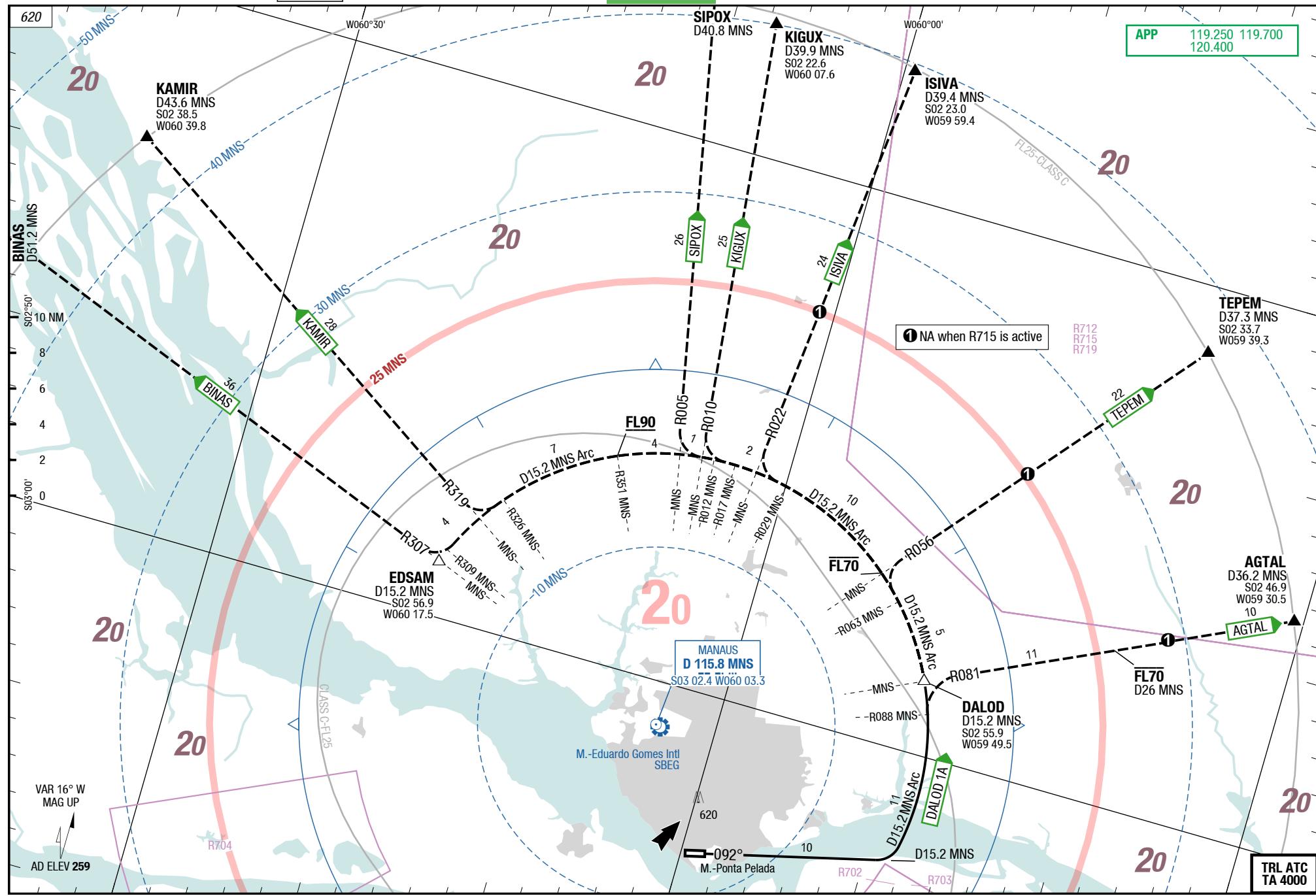
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SID

Ponta Pelada Manaus Brazil

EDSAM 1B
DALOD 1A

4-130



Changes: new

03-MAY-2018

PLL-SBMN

Brazil Manaus Ponta Pelada

4-140

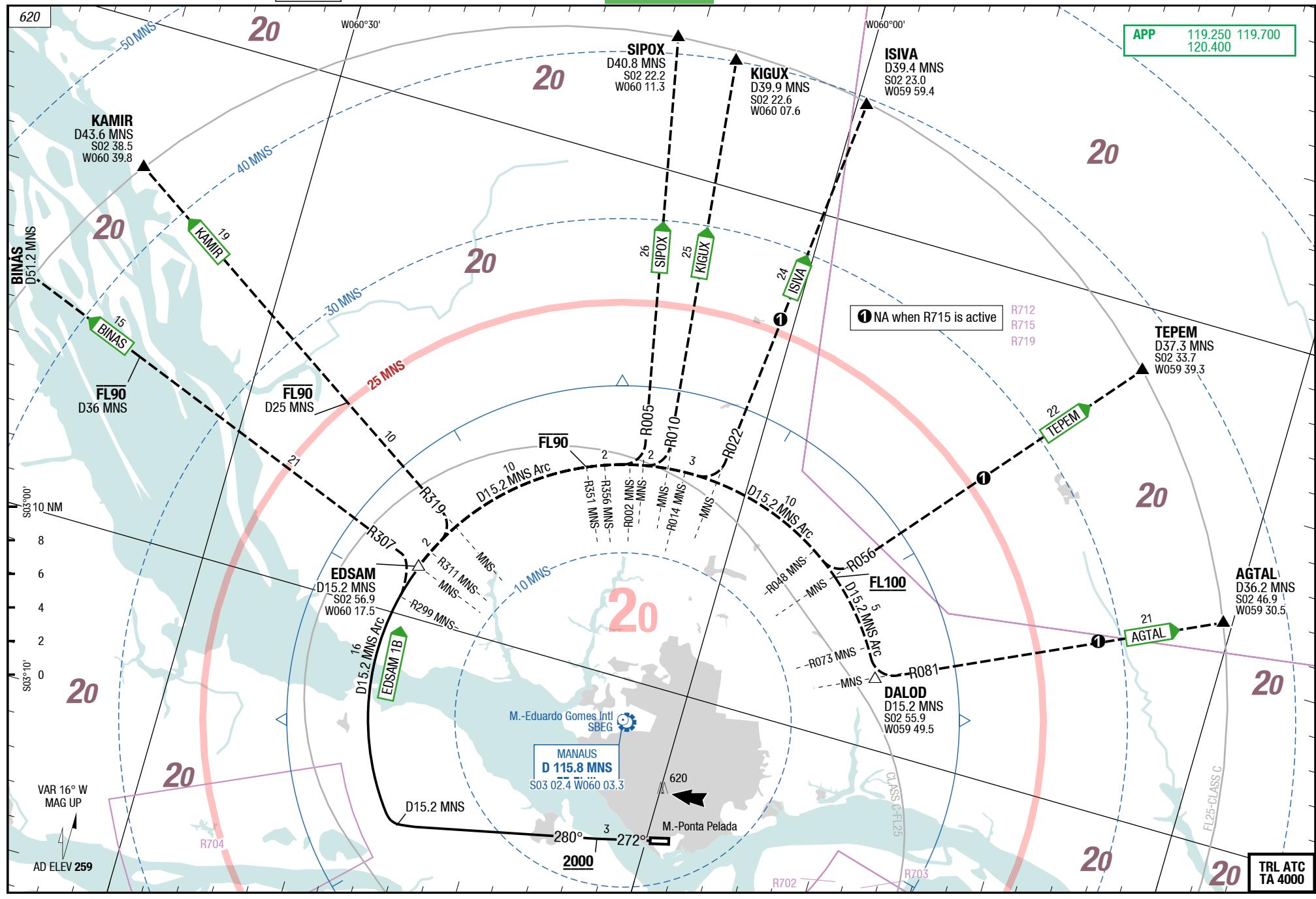
EDSAM 1B

SID

SID

Ponta Pelada Manaus Brazil

EDSAM 1B



Changes: new

03-MAY-2018

PLL-SBMIN

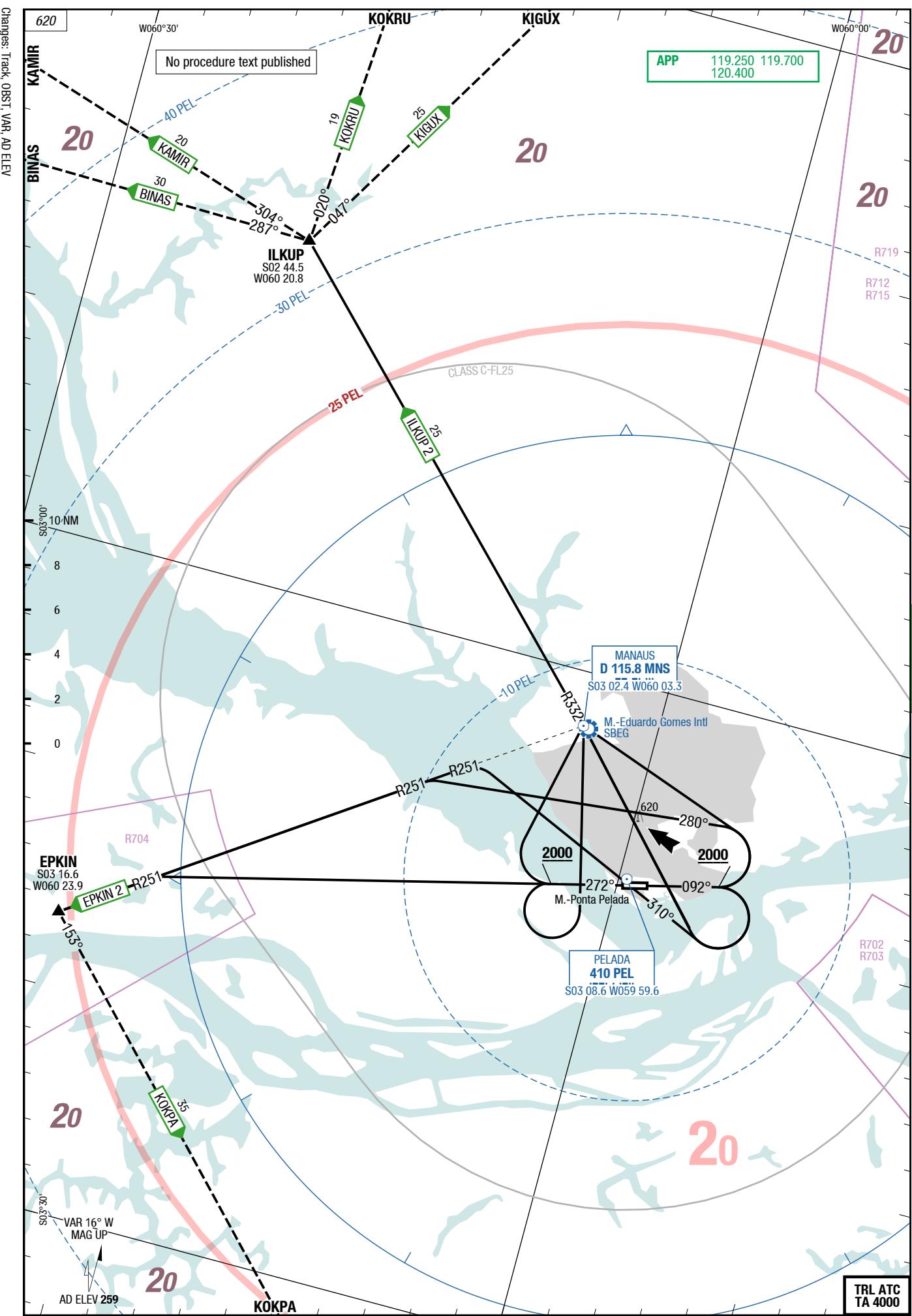
4-150

Brazil Manaus Ponta Pelada
EPKIN 2 / ILKUP 2

SID
SID

Ponta Pelada Manaus Brazil
EPKIN 3 / ILKUP 3
EPKIN 2 / ILKUP 2

TRL ATC
TA 4000



03-MAY-2018

PLL-SBMIN

4-160

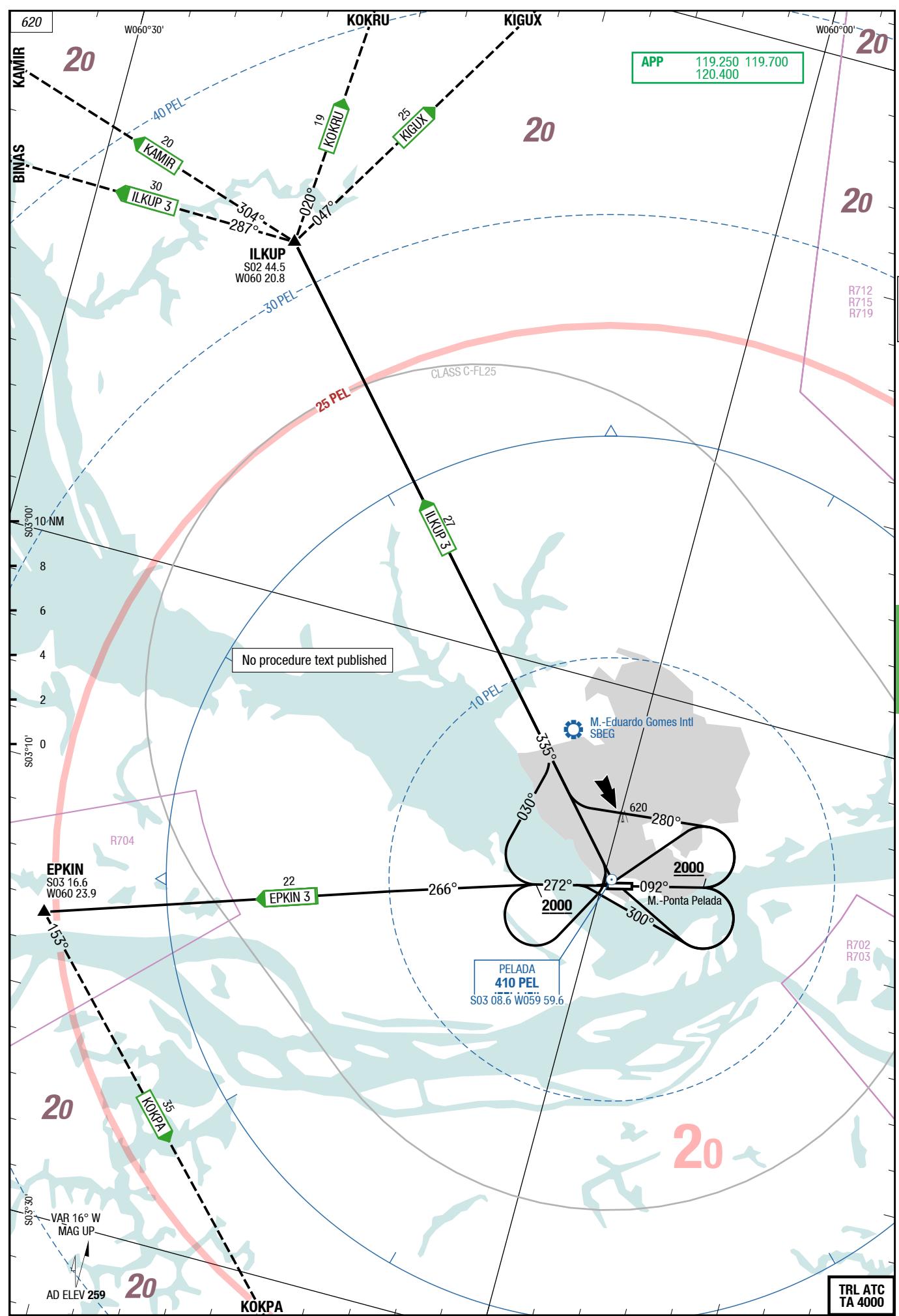
EPKIN 3 / ILKUP 3

SID
SID

EPKIN 3 / ILKUP 3

Brazil Manaus Ponta Pelada

Ponta Pelada Manaus Brazil



03-MAY-2018

PLL-SBMN

Brazil Manaus Ponta Pelada

GAXID 3 / KODLU 3

4-170

GAXID 2 / KODLU 2

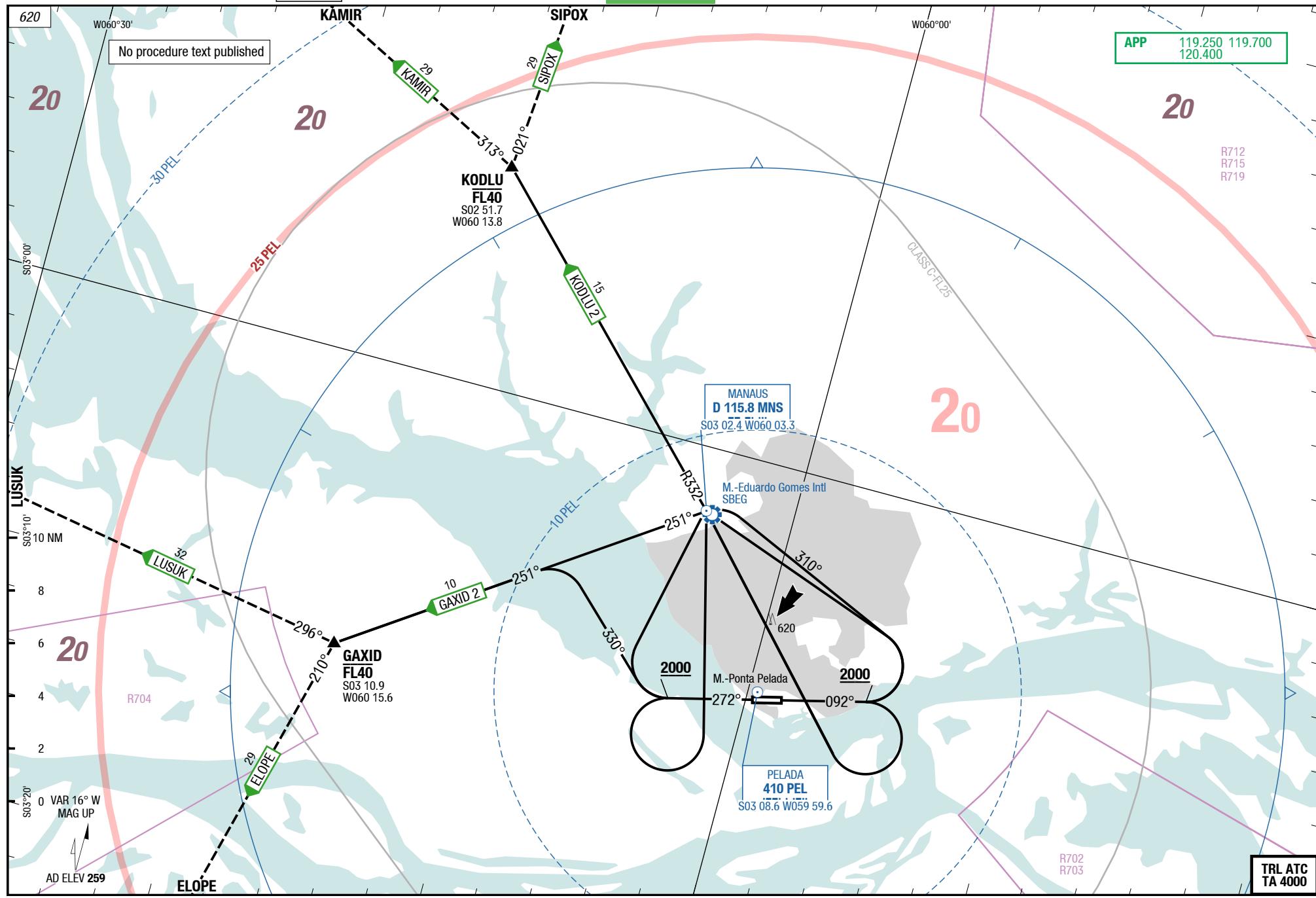
SID

SID

Ponta Pelada Manaus Brazil

GAXID 3 / KODLU 3

GAXID 2 / KODLU 2



Changes: Track, VAR, OBST, AD ELEV

03-MAY-2018

PLL-SBMN

Brazil Manaus Ponta Pelada

4-180

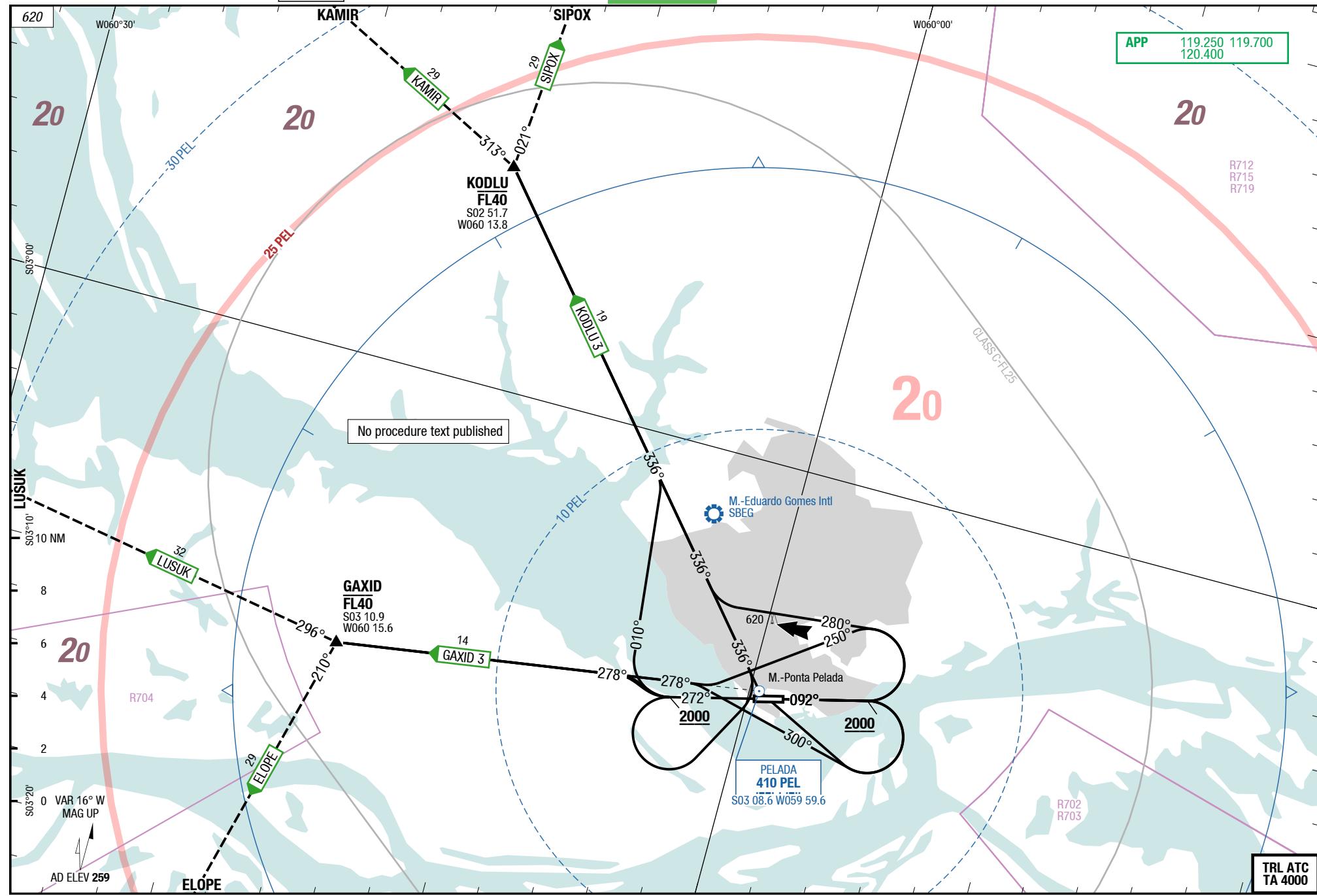
GAXID 3 / KODLU 3

SID

SID

Ponta Pelada Manaus Brazil

GAXID 3 / KODLU 3



Changes: Track, OBST, VAR, AD ELEV

03-MAY-2018

PLL-SBMN**5-10****RNAV 09 EKUTU 1A/ ROPAB 1A****EKUTU 1A / ROPAB 1A**

RWY 09 (092°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
EKUTU 1A 119.250 ①	092° [A2000+] - DCT EKUTU - TEPEM	EKUTU MAX FL70
ROPAB 1A 119.250 ①	092° [A2000+] - DCT DAGTI - ROPAB	ROPAB MAX FL70
	TRANSITION	
	ARVUM ROPAB - KIGUX - ILSUB - ARVUM	ROPAB MAX FL70
	KIGER ROPAB - KIGUX - ILSUB - KIGER	ROPAB MAX FL70
	KUMOS ROPAB - KIGUX - ILSUB - KUMOS	ROPAB MAX FL70

① Close in obstacle: DIST 1381m/4531ft from THR 27, AZM 077°, 414ft, not considered in climb gradient.

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PLL-SBMN**5-20****RNAV 09 GAVAP 1A****GAVAP 1A**

RWY 09 (092°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
GAVAP 1A 119.250 ①	092° [A2000+ ;R] - DCT KOMGA - VURIV - GAVAP	KOMGA MNM FL90 VURIV MNM FL100
	TRANSITION	
	DEMIT GAVAP - DEMIT	
	DOKBU GAVAP - DOKBU	
	EGBEM GAVAP - EGBEM	

① Close in obstacle: DIST 1381m/4531ft from THR 27, AZM 077°, 414ft, not considered in climb gradient.

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PLL-SBMN**5-30****RNAV 09 MUGIB 1A****MUGIB 1A**

RWY 09 (092°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
MUGIB 1A 119.250 ①	092° [A2000+ ;R] - DCT KOMGA - VURIV - MUGIB	KOMGA MNM FL90 VURIV MNM FL100
	TRANSITION	
EKOXU	MUGIB - EKOXU	
EPKIR	MUGIB - EPKIR	
ESBUV	MUGIB - ESBUV	

① Close in obstacle: DIST 1381m/4531ft from THR 27, AZM 077°, 414ft, not considered in climb gradient

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PLL-SBMN**5-40****RNAV 09 PUDPO 1A****PUDPO 1A**

RWY 09 (092°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
PUDPO 1A 119.250 ①	092° [A2000+ ;L] - DCT ROPAB - MUBAV - TEKED - PUDPO	ROPAB MAX FL70 MUBAV MNM FL90
	TRANSITION	
	EGBAX PUDPO - GIKRA - EGBAX	
	UKEDA PUDPO - UKEDA	

① Close in obstacle: DIST 1507m/4944ft from THR 27, AZM 089°, 414ft, not considered in climb gradient.

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PLL-SBMN**5-50****RNAV 09 SIGEP 1A/UTPAM 1A****SIGEP 1A / UTPAM 1A**

RWY 09 (092°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
SIGEP 1A 119.250 ①	092° [A2000+] - DCT SIGEP	
	TRANSITION	
	DOLTI	
	SIGEP - OGPUM - DOLTI	
UTPAM 1A 119.250 ①	OGPUM	
	SIGEP - OGPUM	
	092° [A2000+] - DCT UTPAM	
	TRANSITION	
GIKVI	GIKVI	
	UTPAM - GIKVI	
POSTU	POSTU	
	UTPAM - ENPED - POSTU	

① Close in obstacle: DIST 1507m/4944ft from THR 27, AZM 089°, 414ft, not considered in climb gradient.

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PLL-SBMN**5-60****RNAV 27 GAVAP 1B****GAVAP 1B**

RWY 27 (272°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
GAVAP 1B 119.250 ①	272° [A2000+] - DCT VURIV [K290-] - ULVOM - GAVAP	ULVOM MAX FL60
	TRANSITION	
DEMIT	GAVAP - DEMIT	
DOKBU	GAVAP - DOKBU	
EGBEM	GAVAP- EGBEM	

① Close in obstacle: DIST 147m/482ft from THR 09, AZM 343°, 300ft, not considered in climb gradient

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PLL-SBMN**5-70****RNAV 27 MUBAV 1B****MUBAV 1B**

RWY 27 (272°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
MUBAV 1B 119.250 ①	272° [A2000+] - DCT ARSOS - PAGEK - MAPMO - TEKED - MUBAV	PAGEK between FL50 and FL70 MUBAV MAX FL70
	TRANSITION	
	ARVUM MUBAV - KIGUX - ILSUB - ARVUM	
	KIGER MUBAV - KIGUX - ILSUB - KIGER	
	KUMOS MUBAV - KIGUX - ILSUB - KUMOS	
	TEPEM MUBAV - ROPAB - TEPEM	

① Close in obstacle: DIST 147m/482ft from THR 09, AZM 343°, 300ft, not considered in climb gradient

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PLL-SBMN**5-80****RNAV 27 MUGIB 1B****MUGIB 1B**

RWY 27 (272°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
MUGIB 1B	272° [A2000+] - DCT MUGIB	
119.250	TRANSITION	
①		
EKOXU		
	MUGIB - EKOXU	
EPKIR		
	MUGIB - EPKIR	
ESBUV		
	MUGIB - ESBUV	

① Close in obstacle: DIST 147m/ 482ft from THR 09, AZM 343°, 300ft, not considered in climb gradient

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PLL-SBMN**5-90****RNAV 27 PUDPO 1B****PUDPO 1B**

RWY 27 (272°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
PUDPO 1B 119.250 ①	272° [A2000+] - DCT ARSOS - EDNIL - PUDPO	EDNIL MAX FL80 PUDPO between FL70 and FL90
	TRANSITION	
	EGBAX PUDPO - GIKRA - EGBAX	
	UKEDA PUDPO - UKEDA	

① Close in obstacle: DIST 147m/482ft from THR 09, AZM 343°, 300ft, not considered in climb gradient.

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PLL-SBMN**5-100****RNAV 27 SUSBU 1B****SUSBU 1B**

RWY 27 (272°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
SUSBU 1B 119,250 ①②	272° MN009 - VURIV - ULVOM - MN019 - SUSBU	ULVOM MAX FL60 MN019 MNM FL80 SUSBU MNM FL90
	TRANSITION	
DOLTI	SUSBU - SIGEP - OGPUM - DOLTI	SUSBU MNM FL90
GIKVI	SUSBU - UTPAM - GIKVI	SUSBU MNM FL90
OGPUM	SUSBU - SIGEP - OGPUM	SUSBU MNM FL90
POSTU	SUSBU - UTPAM - ENPED - POSTU	SUSBU MNM FL90

① OGPUM and DOLTI NA when R702 is active

② Close in obstacle: DIST 147m /482ft from THR 09, AZM 343°, 300ft, not considered in climb gradient.

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PLL-SBMN

5-110

DALOD 1A

DALOD 1A

RWY 09 (092°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
DALOD 1A 119.250 ①②	092° to D15.2 MNS - LT follow D15.2 MNS arc to DALOD TRANSITION AGTAL DALOD - crossing R088 MNS RT intercept R081 MNS to AGTAL BINAS DALOD - follow D15.2 MNS arc to EDSAM - crossing R309 MNS RT intercept R307 MNS to BINAS ISIVA DALOD - follow D15.2 MNS arc - crossing R029 MNS RT intercept R022 MNS to ISIVA KAMIR DALOD - follow D15.2 MNS arc - crossing R326 MNS RT intercept R319 MNS to KAMIR KIGUX DALOD - follow D15.2 MNS arc - crossing R017 MNS RT intercept R010 MNS to KIGUX SIPOX DALOD - follow D15.2 MNS arc - crossing R012 MNS RT intercept R005 MNS to SIPOX TEPEM DALOD - follow D15.2 MNS arc - crossing R063 MNS RT intercept R056 MNS to TEPEM	R081/D26 MNS MAX FL70 R056/D15.2 MNS MAX FL70 R351/D15.2 MNS MNM FL90 R056/D15.2 MNS MAX FL70 R056/D15.2 MNS MAX FL70 R351/D15.2 MNS MAX FL90 R056/D15.2 MNS MAX FL70 R056/D15.2 MNS MAX FL70 R056/D15.2 MNS MAX FL70 R056/D15.2 MNS MAX FL70

① Transition: ISIVA, TEPEM, AGTAL NA when R715 is active

② Close in obstacle: DIST 1508m/4979ft, AZM 089°, 414ft, not considered in climb gradient.

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PLL-SBMN**5-120****EDSAM 1B****EDSAM 1B**

RWY 27 (272°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
EDSAM 1B 119.250 ①②	272°- at MNM 2000 RT 280° RT follow D15.2 MNS arc to EDSAM	
	TRANSITION	
	AGTAL EDSAM - follow D15.2 MNS arc to DALOD - crossing R073 MNS LT intercept R081 MNS to AGTAL	R351/D15.2 MNS MAX FL90 R056/D15.2 MNS MNM FL100
	BINAS EDSAM - crossing R299 MNS LT intercept R307 MNS to BINAS	R307/D36 MNS MAX FL90
	ISIVA EDSAM - follow D15.2 MNS arc - crossing R014 MNS LT intercept R022 MNS to ISIVA	R351/D15.2 MNS MAX FL90
	KAMIR EDSAM - follow D15.2 MNS arc - crossing R311 MNS LT intercept R319 MNS to KAMIR	R319/D25 MNS MAX FL90
	KIGUX EDSAM - follow D15.2 MNS arc - crossing R002 MNS LT intercept R010 MNS to KIGUX	R351/D15.2 MNS MAX FL90
	SIPOX EDSAM - follow D15.2 MNS arc - crossing R356 MNS LT intercept R005 MNS to SIPOX	R351/D15.2 MNS MAX FL90
	TEPEM EDSAM - follow D15.2 MNS arc - crossing R048 MNS LT intercept R056 MNS to TEPEM	R351/D15.2 MNS MAX FL90 R056/D15.2 MNS MNM FL100

① Close in obstacles: DIST 147m/283ft from THR 09, AZM 343°, 300ft, not considered in climb gradient.

② Transition: ISIVA, TEPEM, AGTAL NA when R715 is active.

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PLL-SBMM

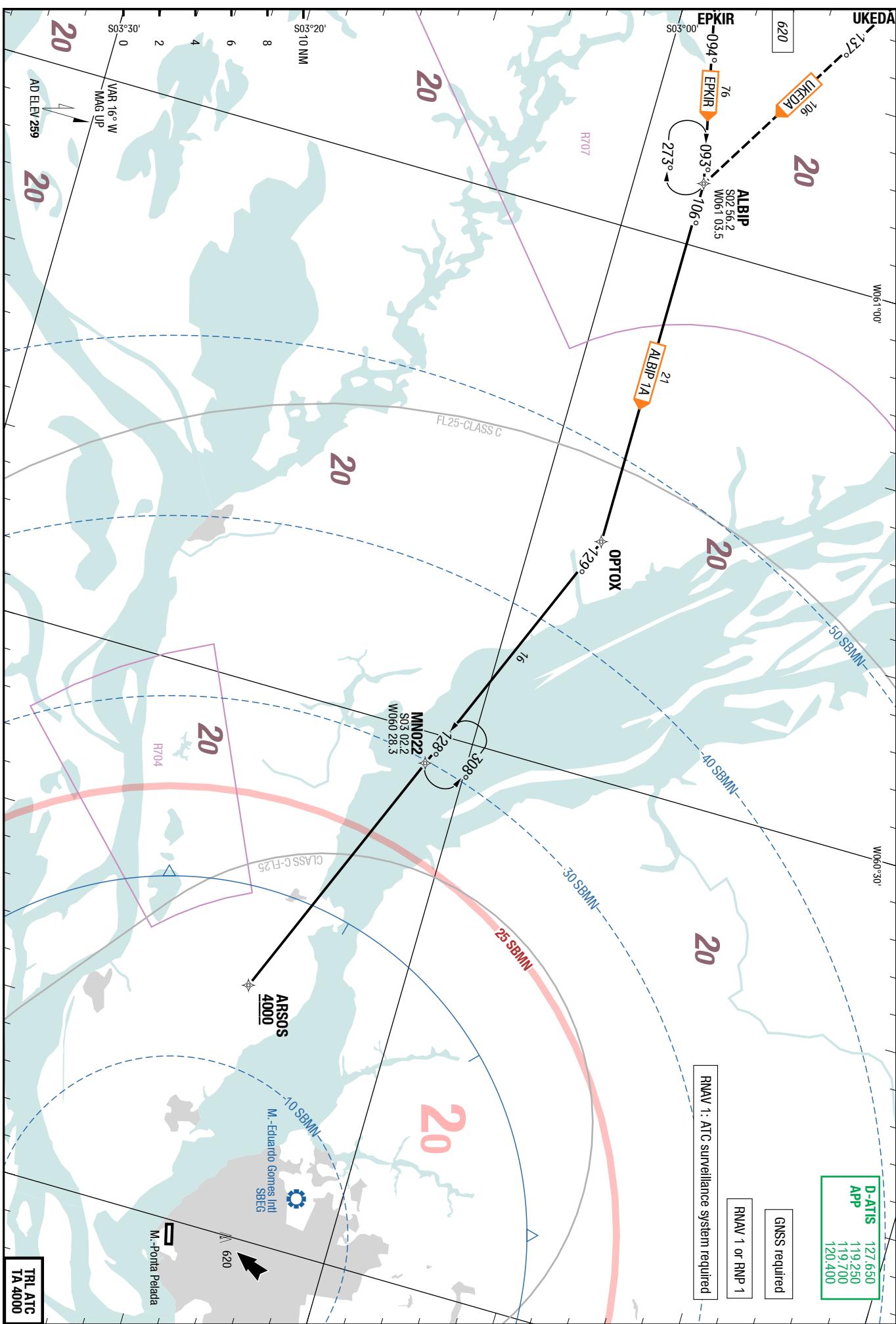
6-10

Brazil Manaus Ponta Pelada
RNAV 09 ITRUMO 1A

STAR
STAR

Ponta Pelada Manaus Brazil
RNAV 09 ITRUMO 1A

D-ATIS APP	127.650
RNAV 1 or RNP 1	119.250
GNSS required	119.700
	120.400



03-MAY-2018

PLL-SBMIN

6-20

RNAV 09 IRUMO 1A

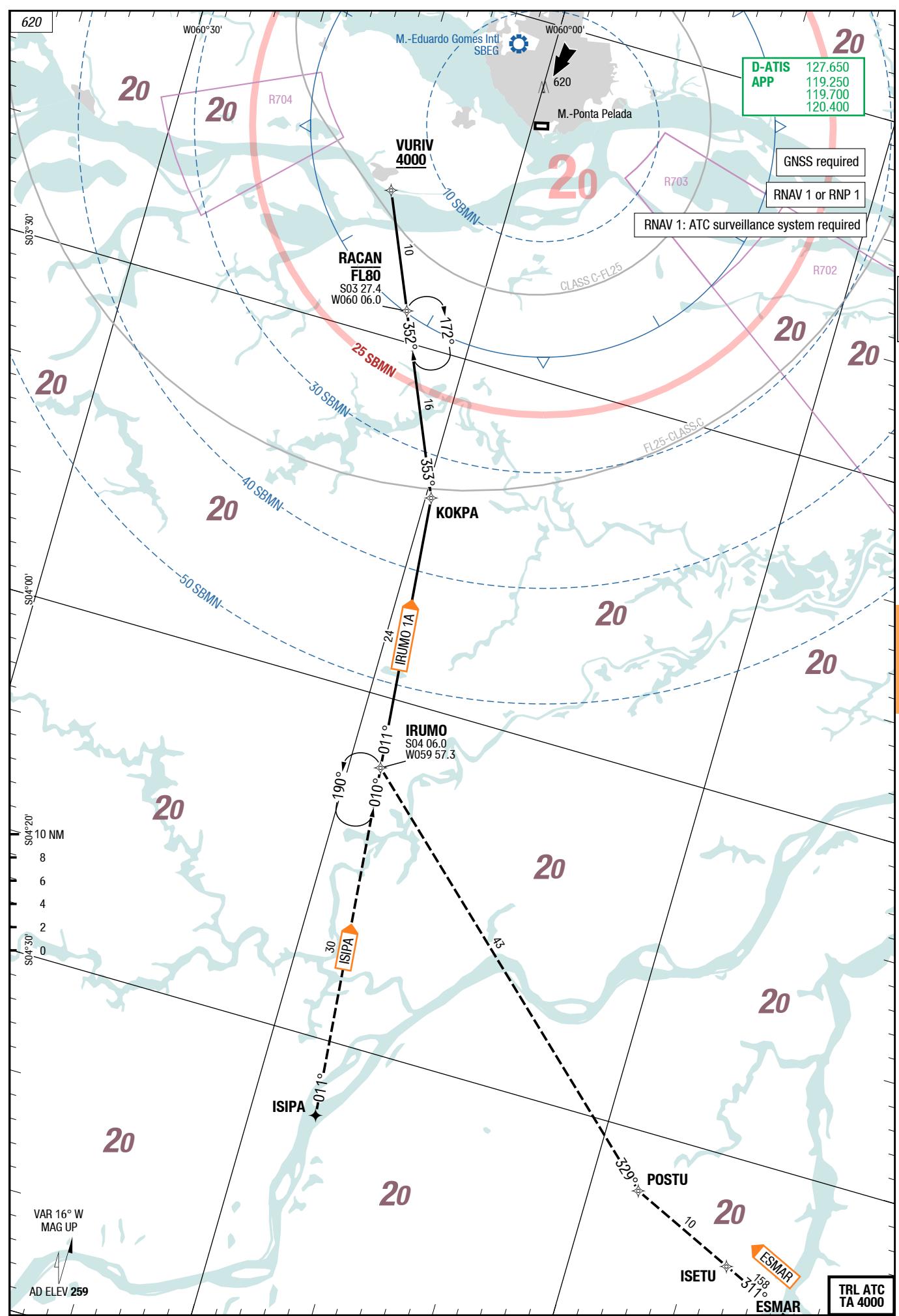
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RNAV 09 IRUMO 1A

Brazil Manaus Ponta Pelada

Ponta Pelada Manaus Brazil



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RNAV 09 MOLDO 1A

RNAV 09 KULAB 1A

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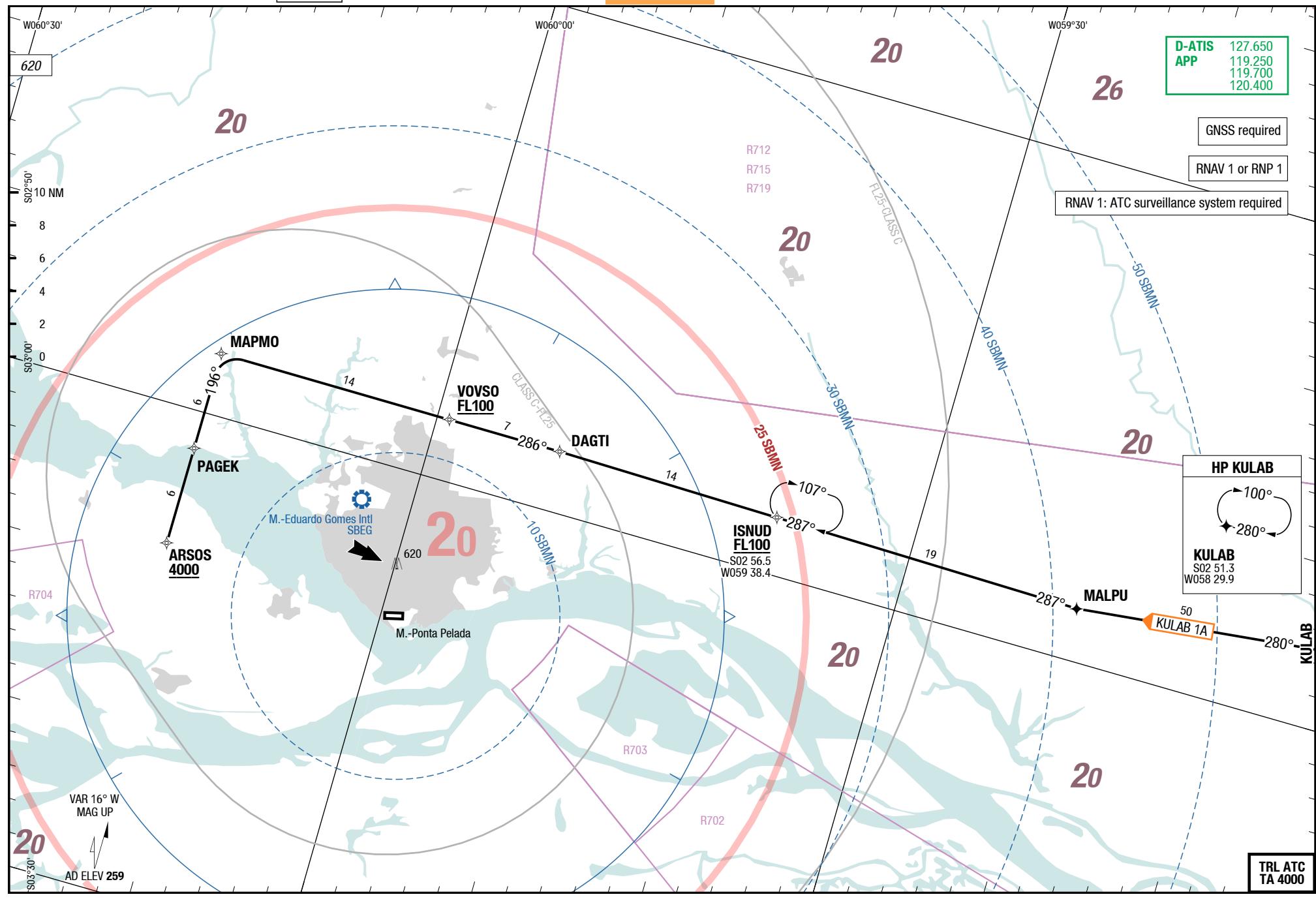
STAR

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RNAV 09 MOLDO 1A

6-30

PLL-SBMN



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Ponta Pelada **Manaus** Brazil

PLL-SBMN

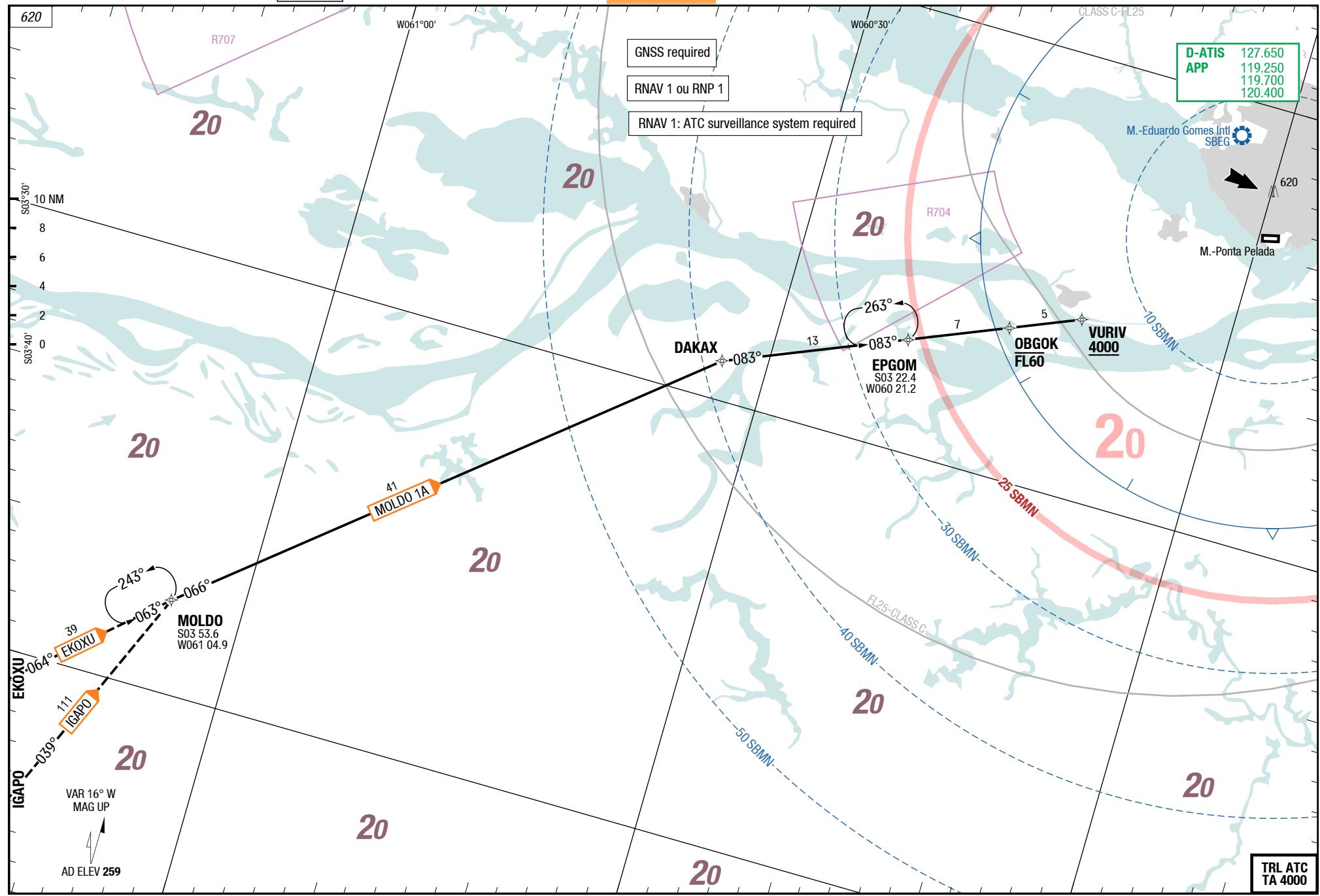
6-40

RNAV 09 MOLDO 1A

STAR

STAR

RNAV 09 MOLDO 1A



03-MAY-2018

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[RNAV 27 ALBIP 1B]

STAR

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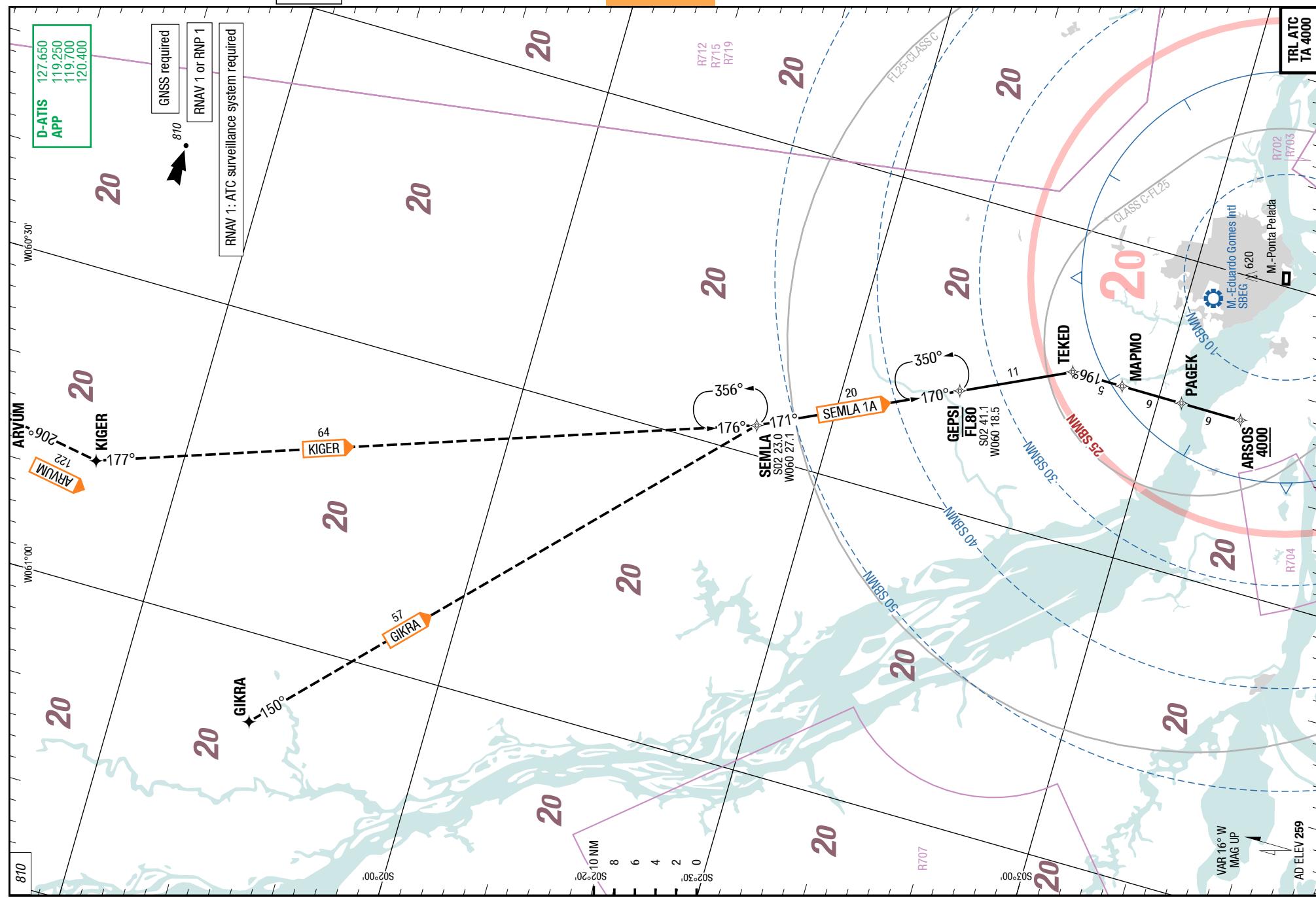
Ponta Pelada Manaus Brazil

RNAV 09 SEMLA 1A

[RNAV 27 ALBIP 1B]

RNAV 09 SEMLA 1A

6-50



Changes: new

03-MAY-2018

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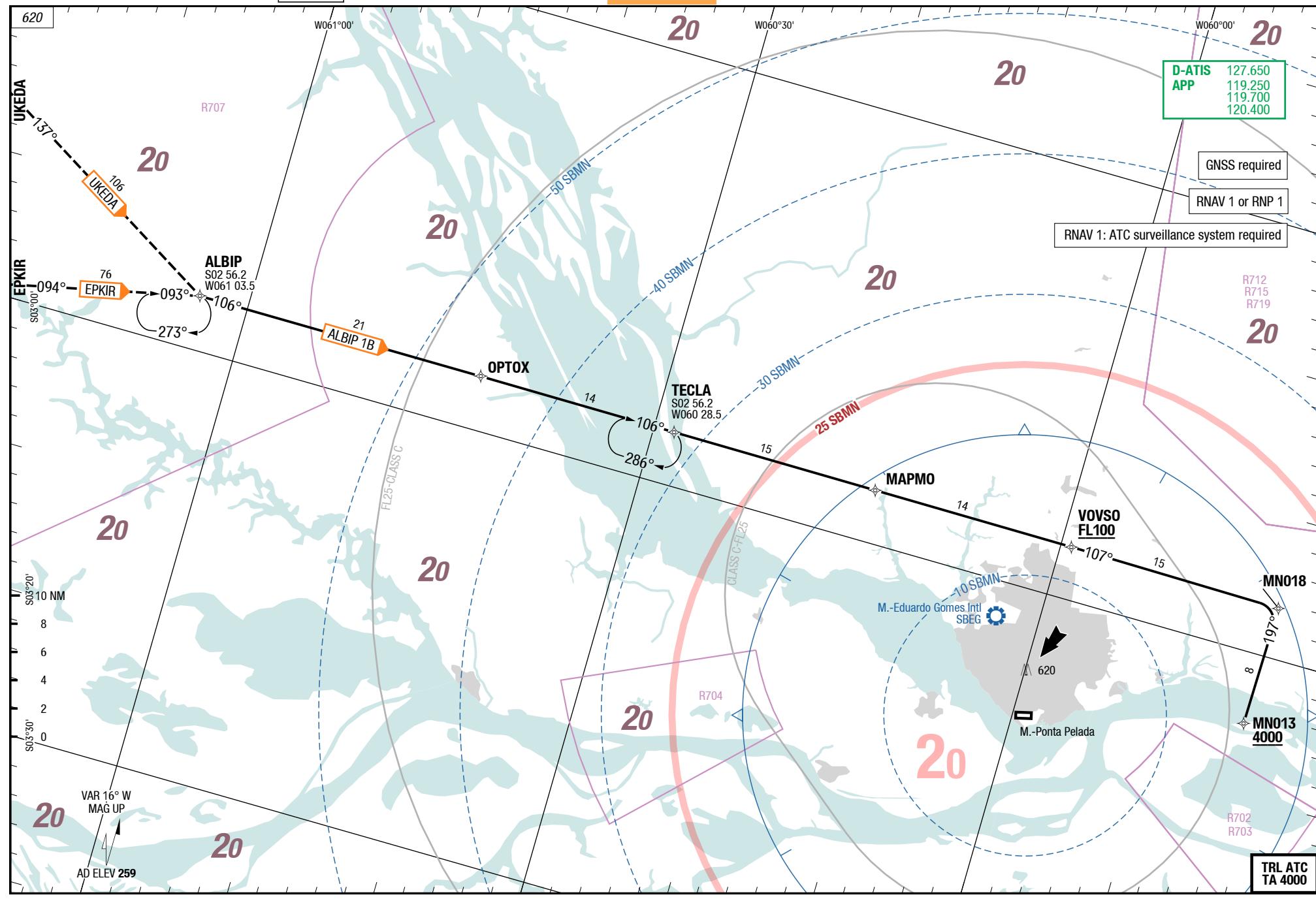
6-60

RNAV 27 ALBIP 1B

STAR

STAR

Ponta Pelada Manaus Brazil



03-MAY-2018

PLL-SBMN

Brazil Manaus Ponta Pelada

RNAV 27 KULAB 1B

6-70

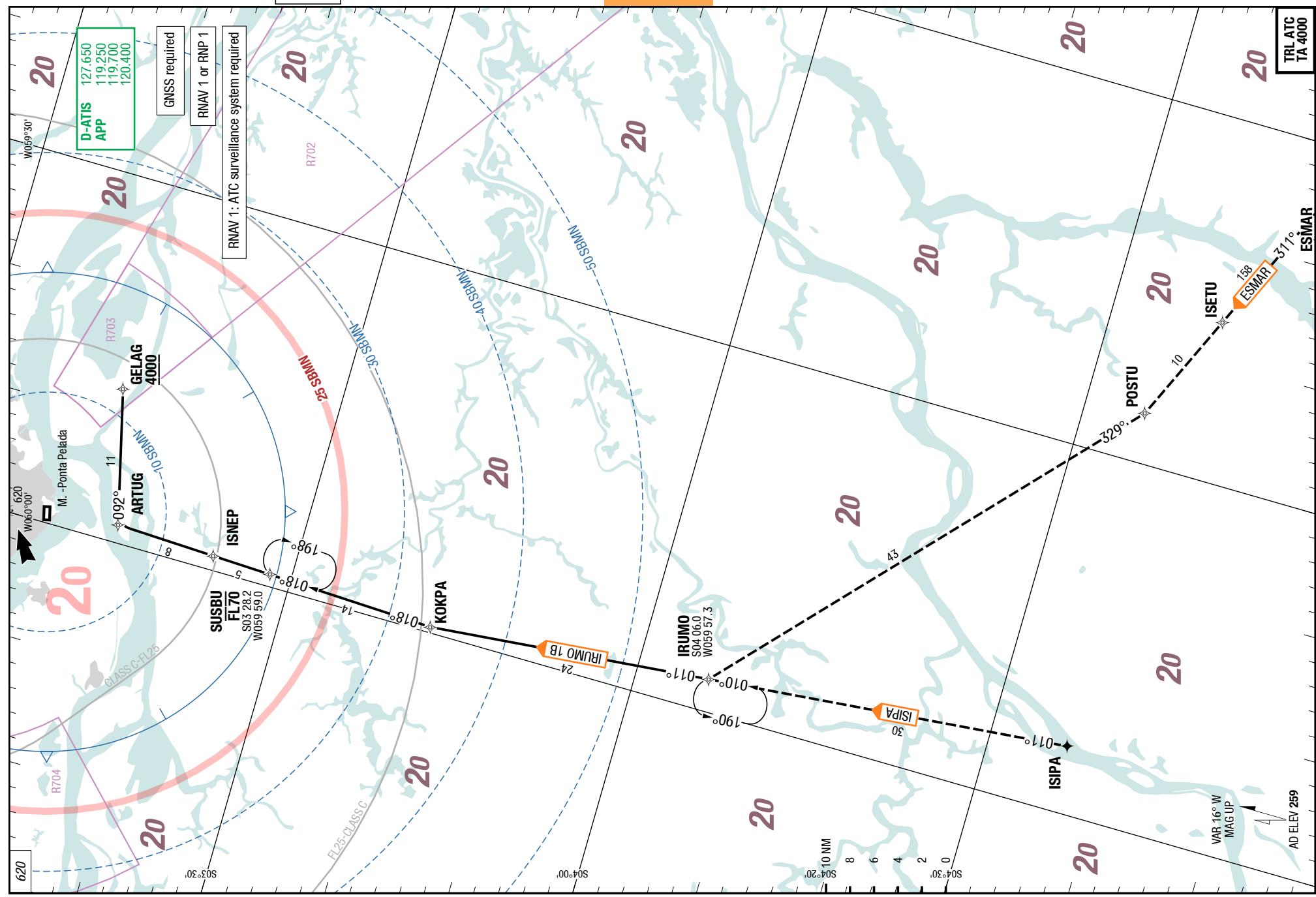
RNAV 27 IRUMO 1B

STAR

STAR

Ponta Pelada Manaus Brazil

RNAV 27 IRUMO 1B



03-MAY-2018

Brazil Manaus Ponta Pelada

Ponta Pelada **Manaus** Brazil

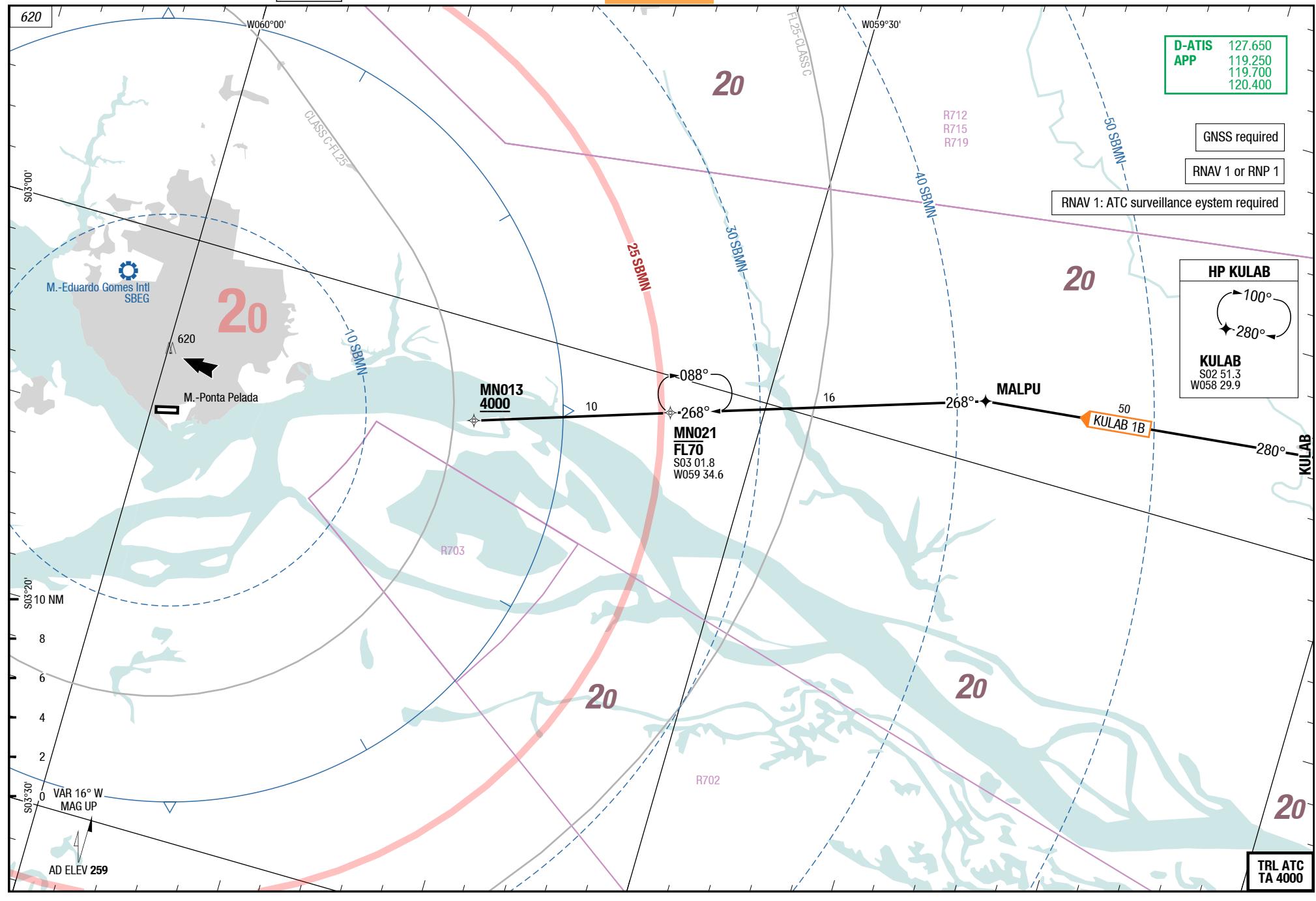
PLL-SBMN

6-80

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STAR

RNAV 27 KULAB 1B



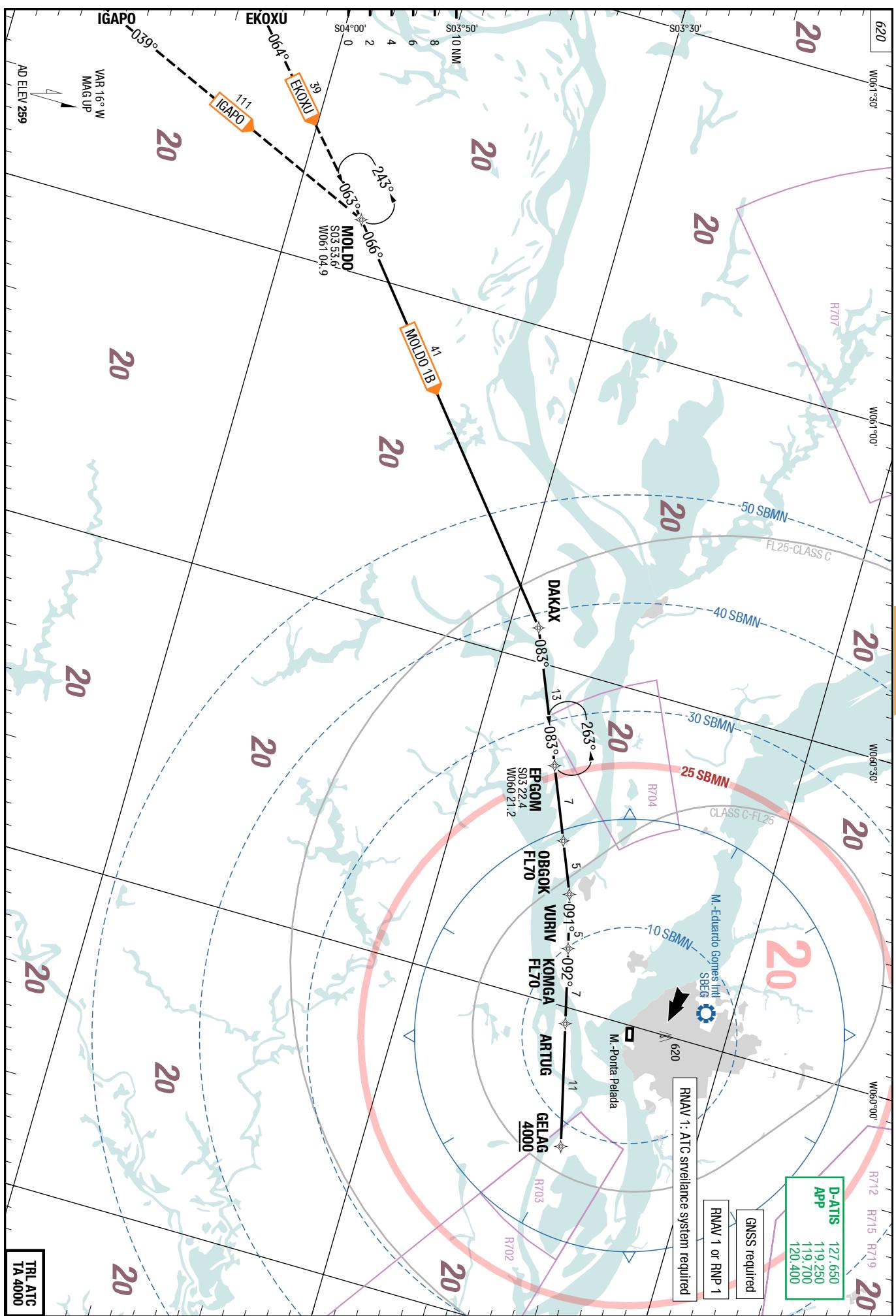
03-MAY-2018
PLL-SBMIN

6-90

Brazil Manaus Ponta Pelada
RNAV 27 SEMIA 1B

STAR
STAR

Ponta Pelada Manaus Brazil
RNAV 27 SEMIA 1B



03-MAY-2018

PLL-SBMN

6-100

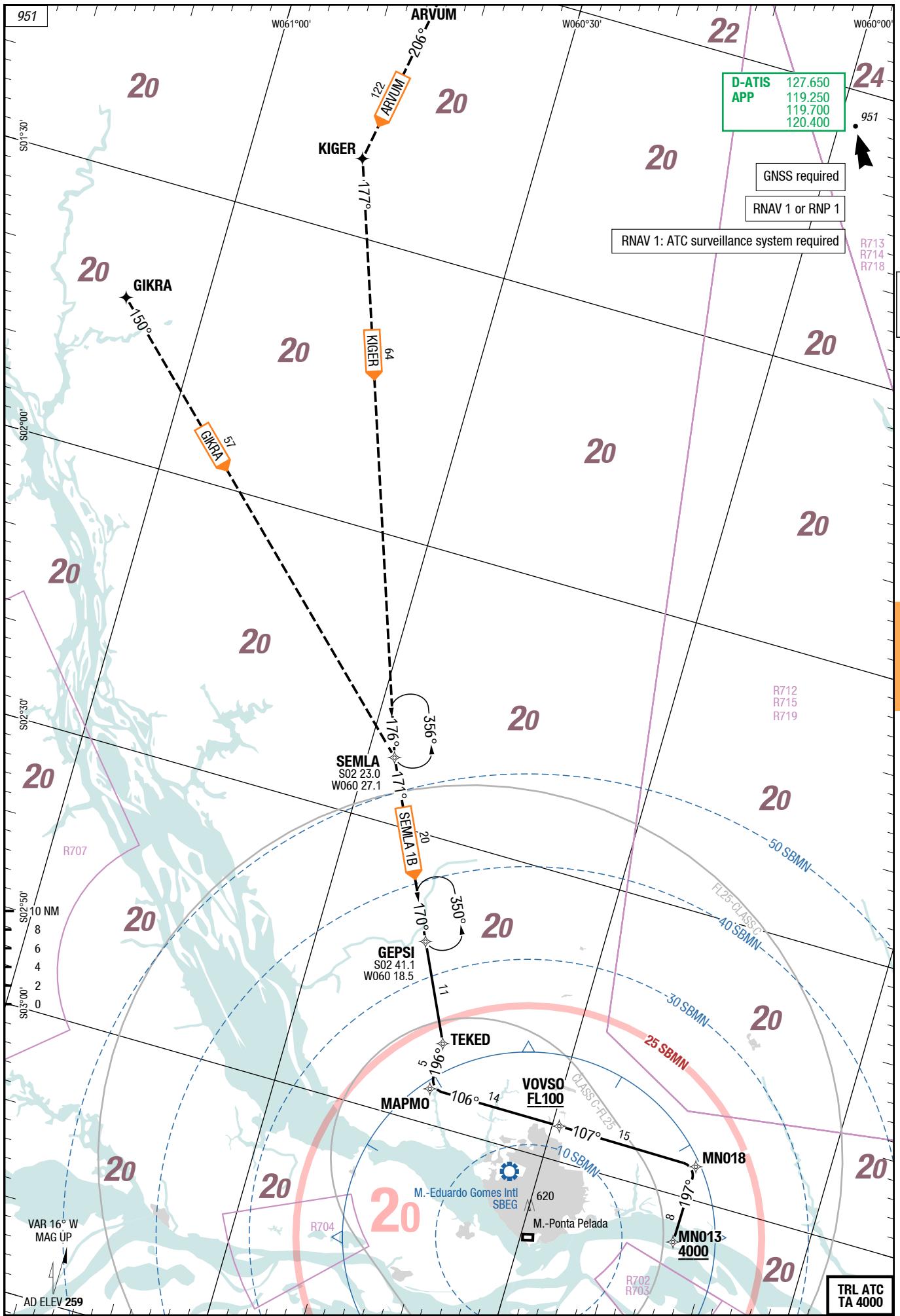
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RNAV 27 SEMLA 1B

Bilzii Mairam | Qulta | eitaua

Futura | eisai | Milwaukee Blatz

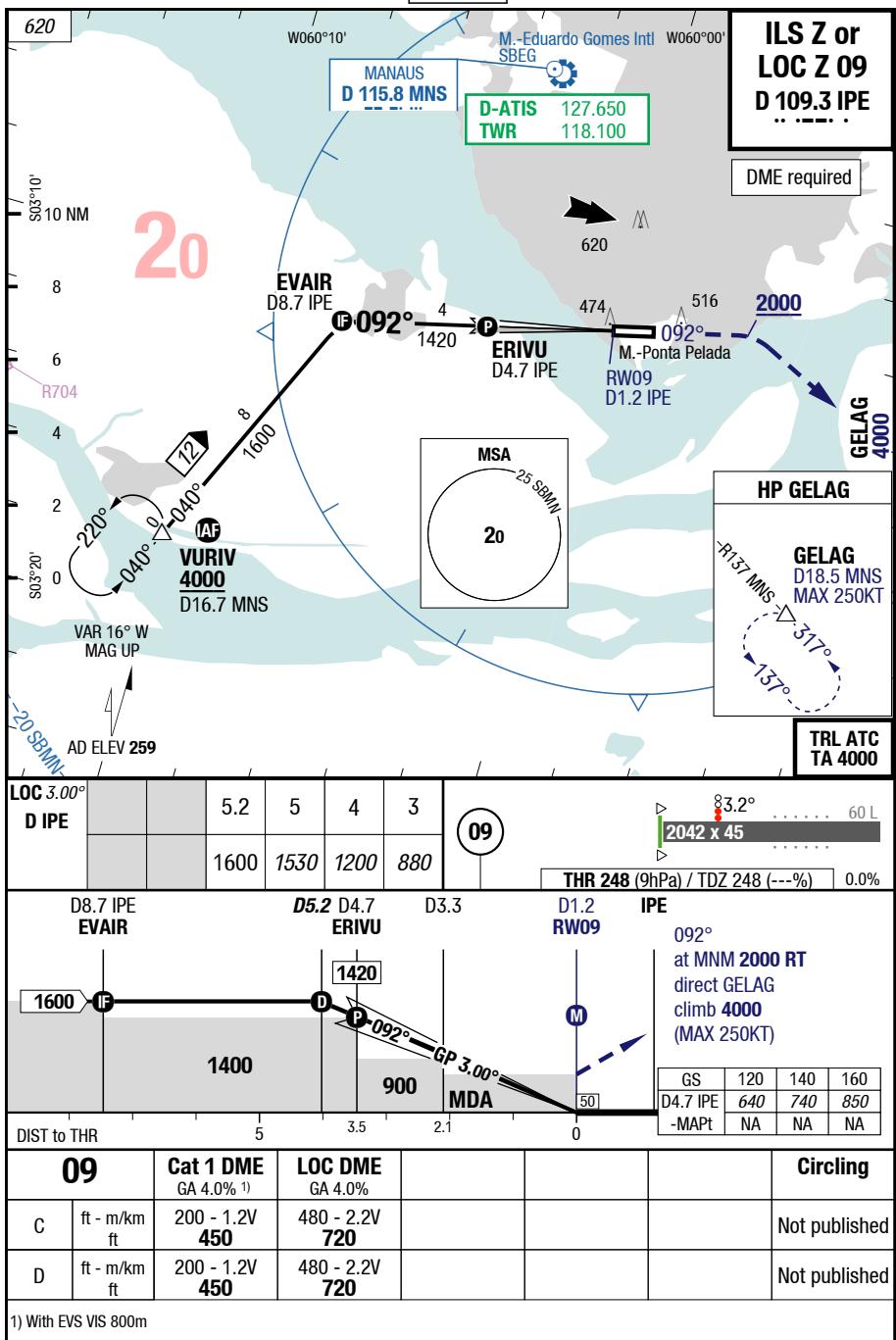


13-SEP-2018

PLL-SBMN

7-10

ILS Z or LOC Z 09



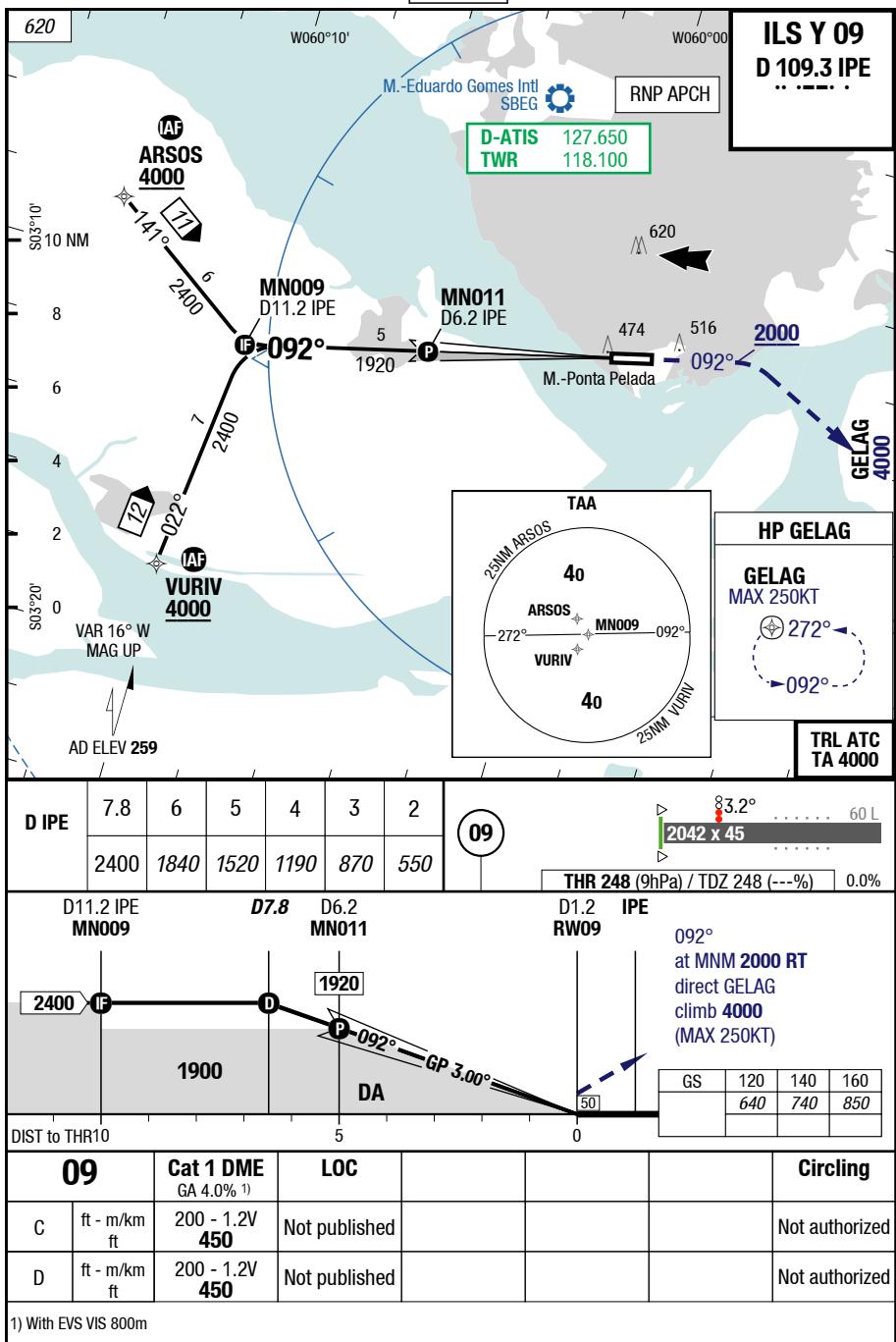
13-SEP-2018

PLL-SBMN

7-20

IAC

ILS Y 09



Changes: TDZE, OBST

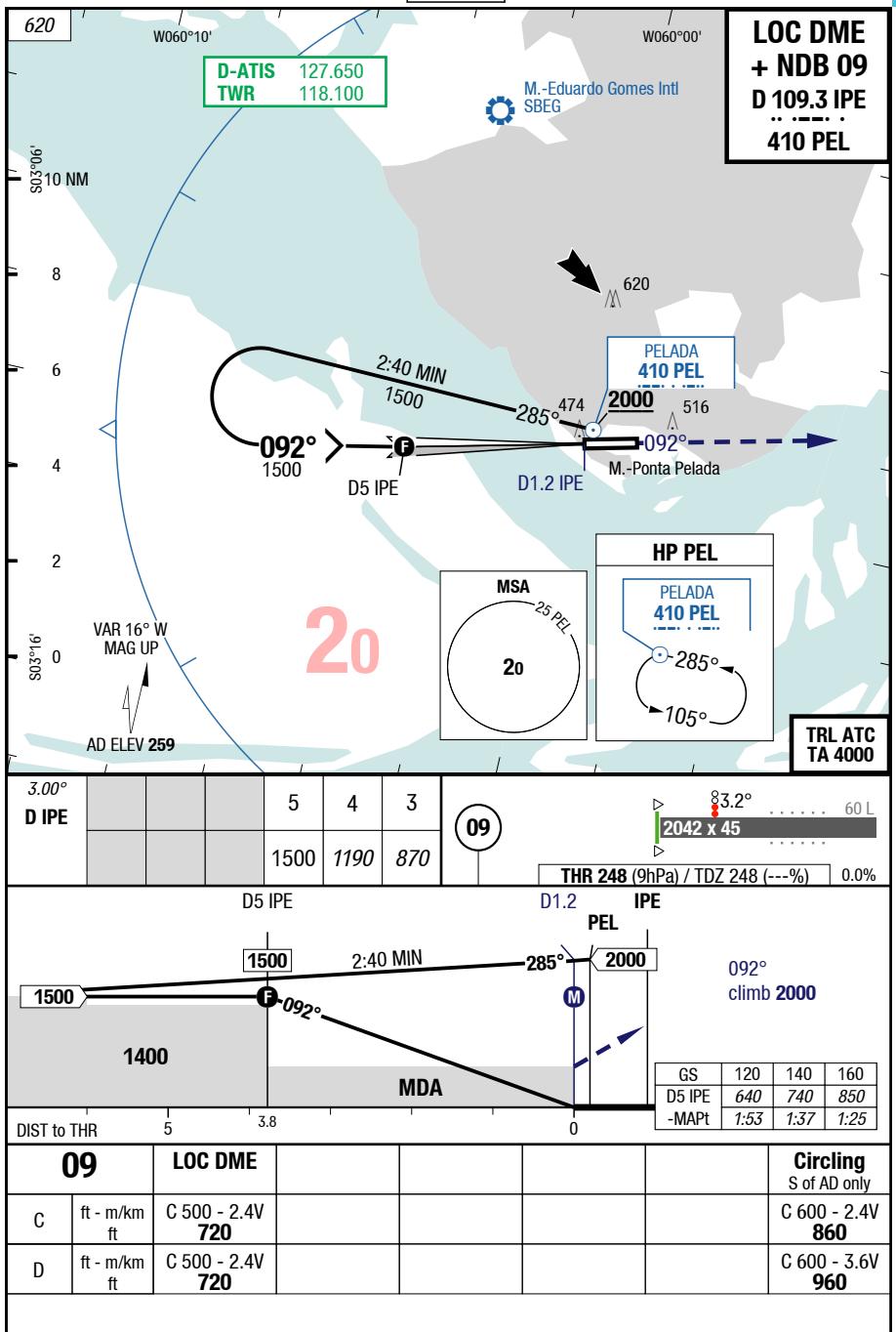
13-SEP-2018

PLL-SBMN

7-30

LOC DME + NDB 09

IAC



Changes: MIN, TDZE, OBST, Editorial

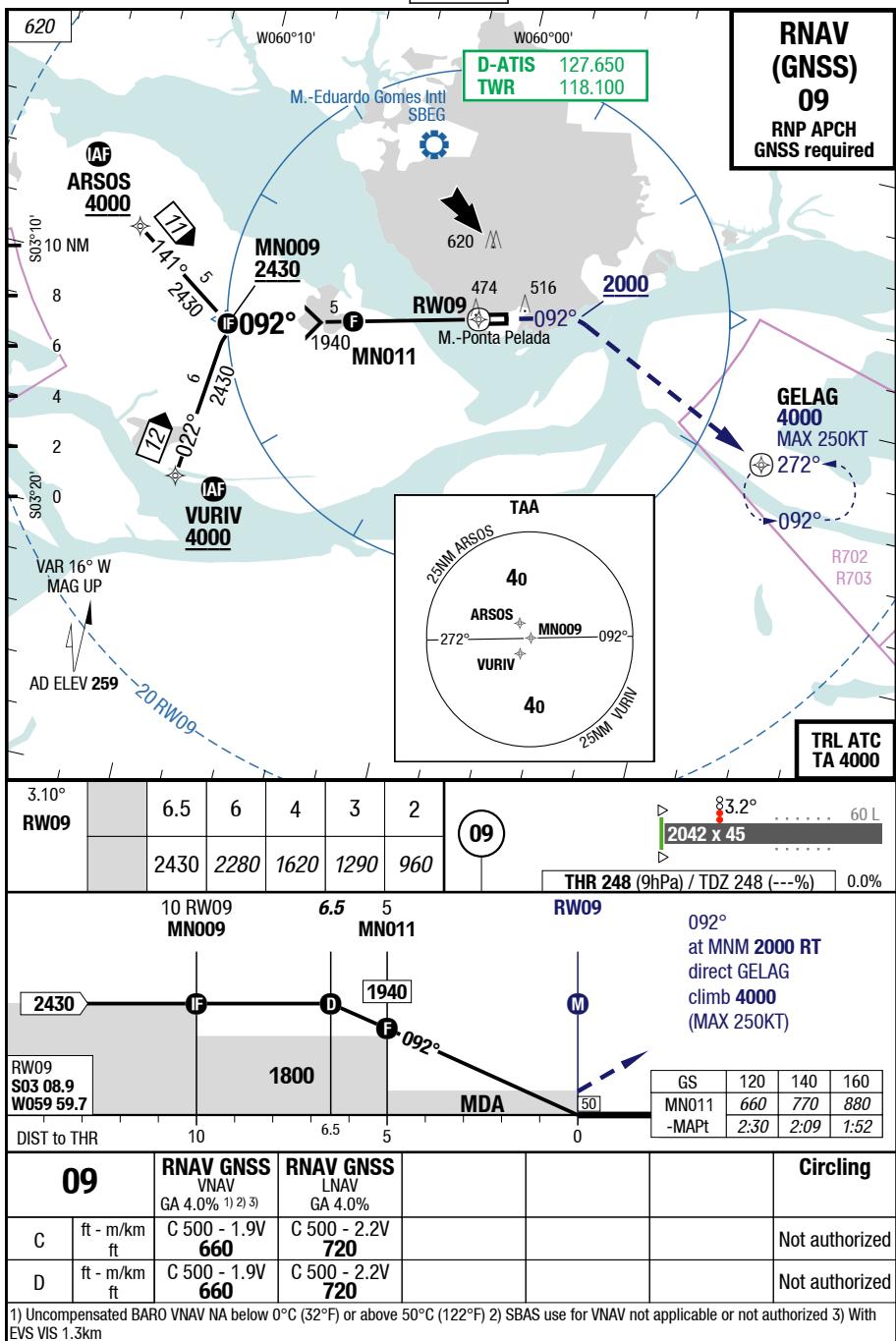
13-SEP-2018

PLL-SBMN

7-50

RNAV (GNSS) 09

IAC



Changes: TDZE, OBST, Editorial

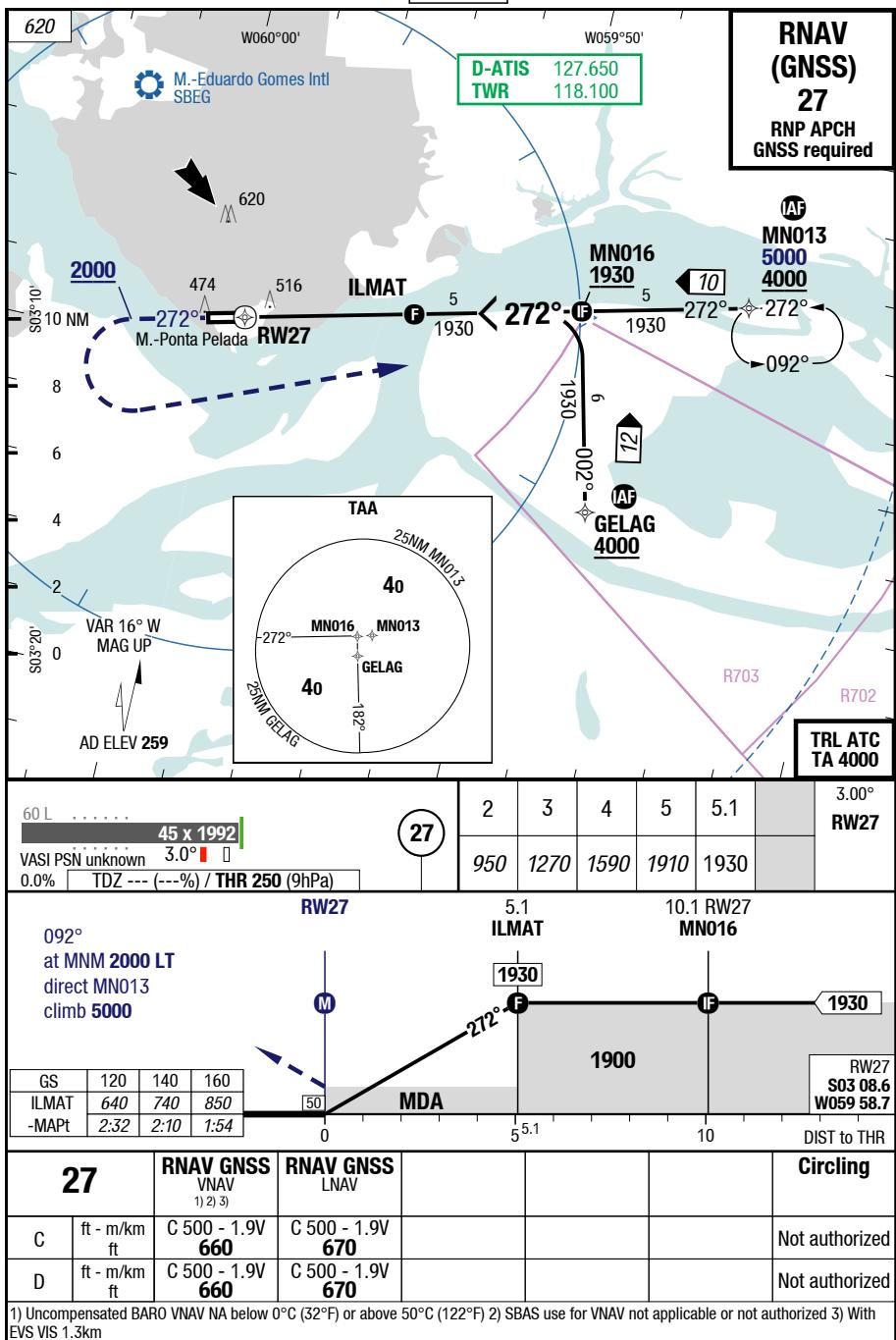
13-SEP-2018

PLL-SBMN

7-60

RNAV (GNSS) 27

IAC



1) Uncompensated BARO VNAV NA below 0°C (32°F) or above 50°C (122°F) 2) SBAS use for VNAV not applicable or not authorized 3) With EVS VIS 1.3km

Changes: OBST, Editorial

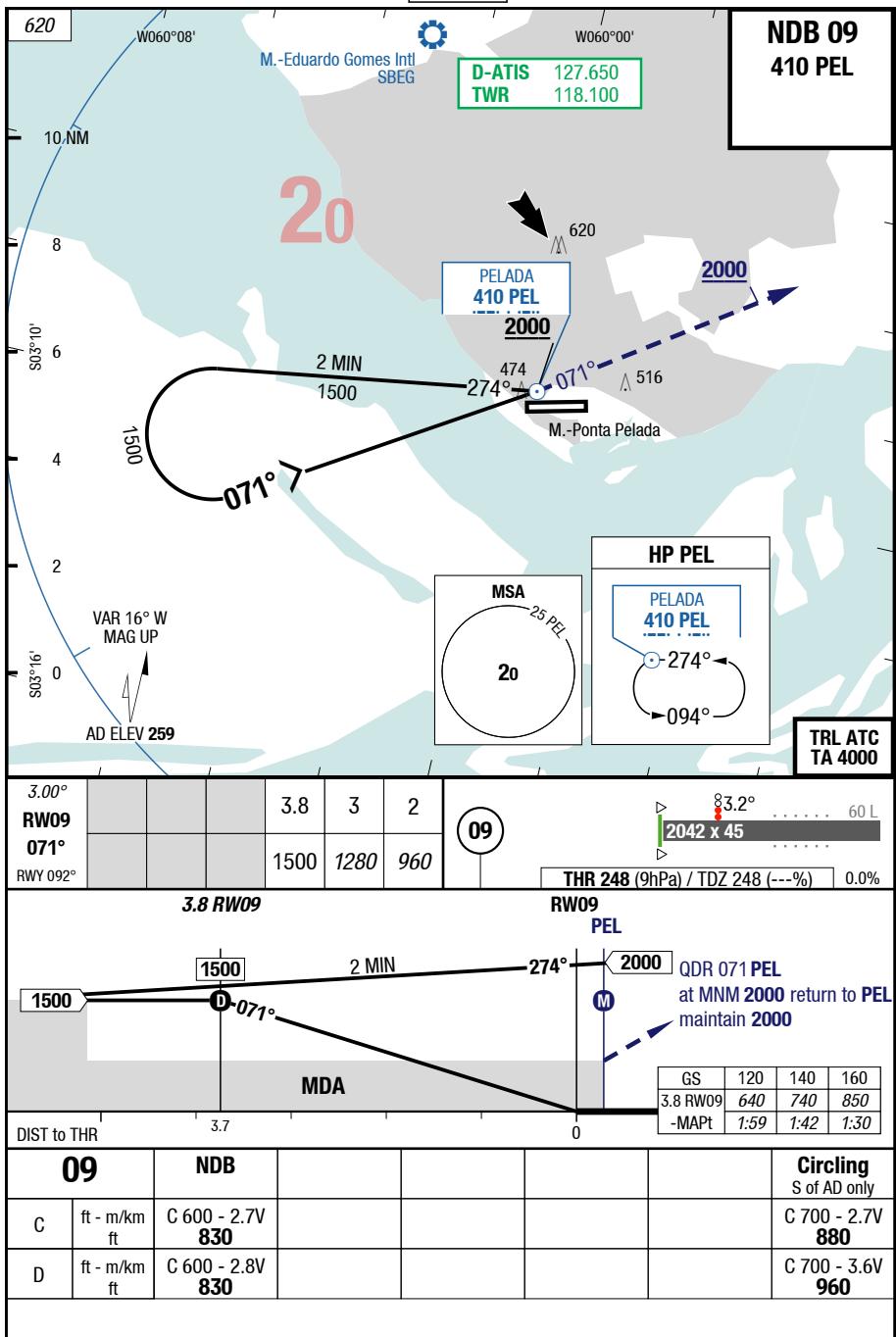
13-SEP-2018

PLL-SBMN

7-70

IAC

NDB 09



Changes: MIN, TDZE, OBST, Editorial

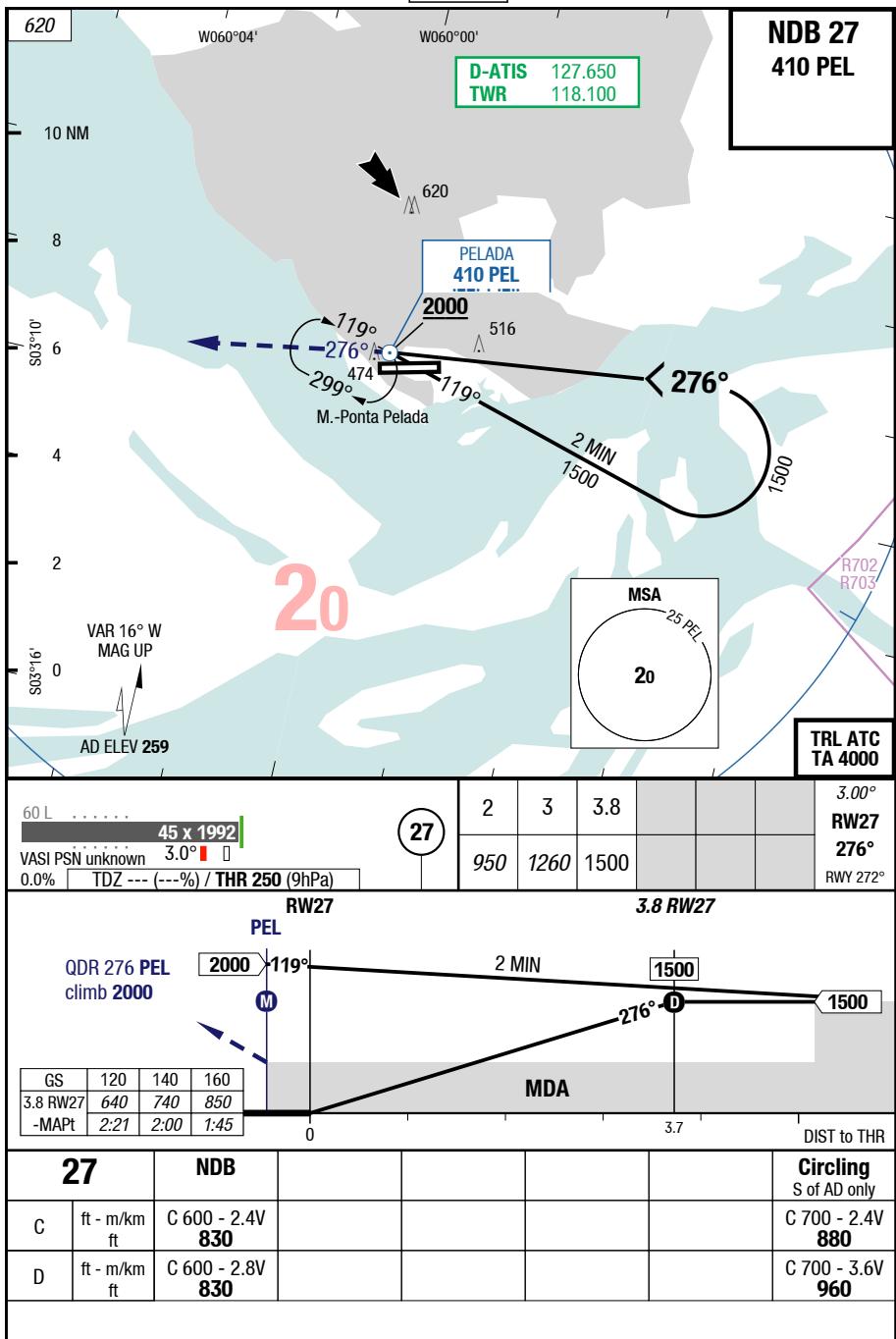
13-SEP-2018

PLL-SBMN

7-80

IAC

NDB 27



03-MAY-2018

PLL-SBMN

Brazil Manaus Ponta Pelada

MRC
MRC

Ponta Pelada Manaus Brazil

MRC
MRC

8-10

