

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	-

PLL-SBMN

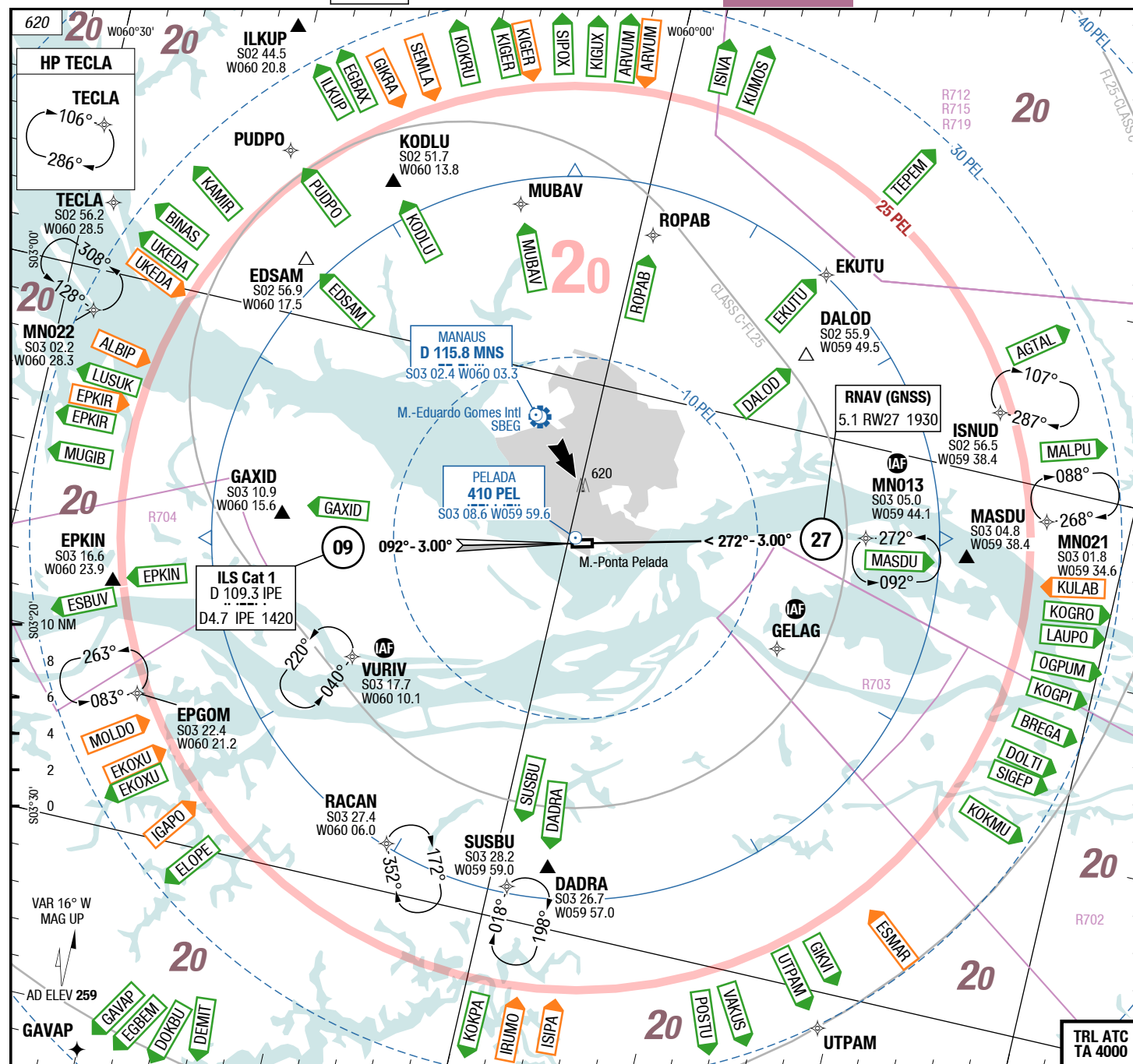
AGC
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AFC

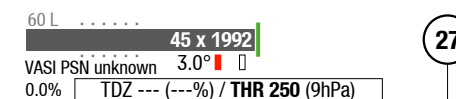
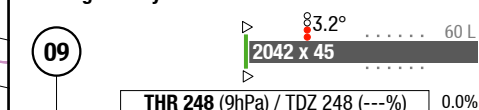
2-10



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:



TRL ATC
TA 4000

Changes: TDZE

13-SEP-2018
PLL-SBMN

Brazil **Manaus** Ponta Pelada

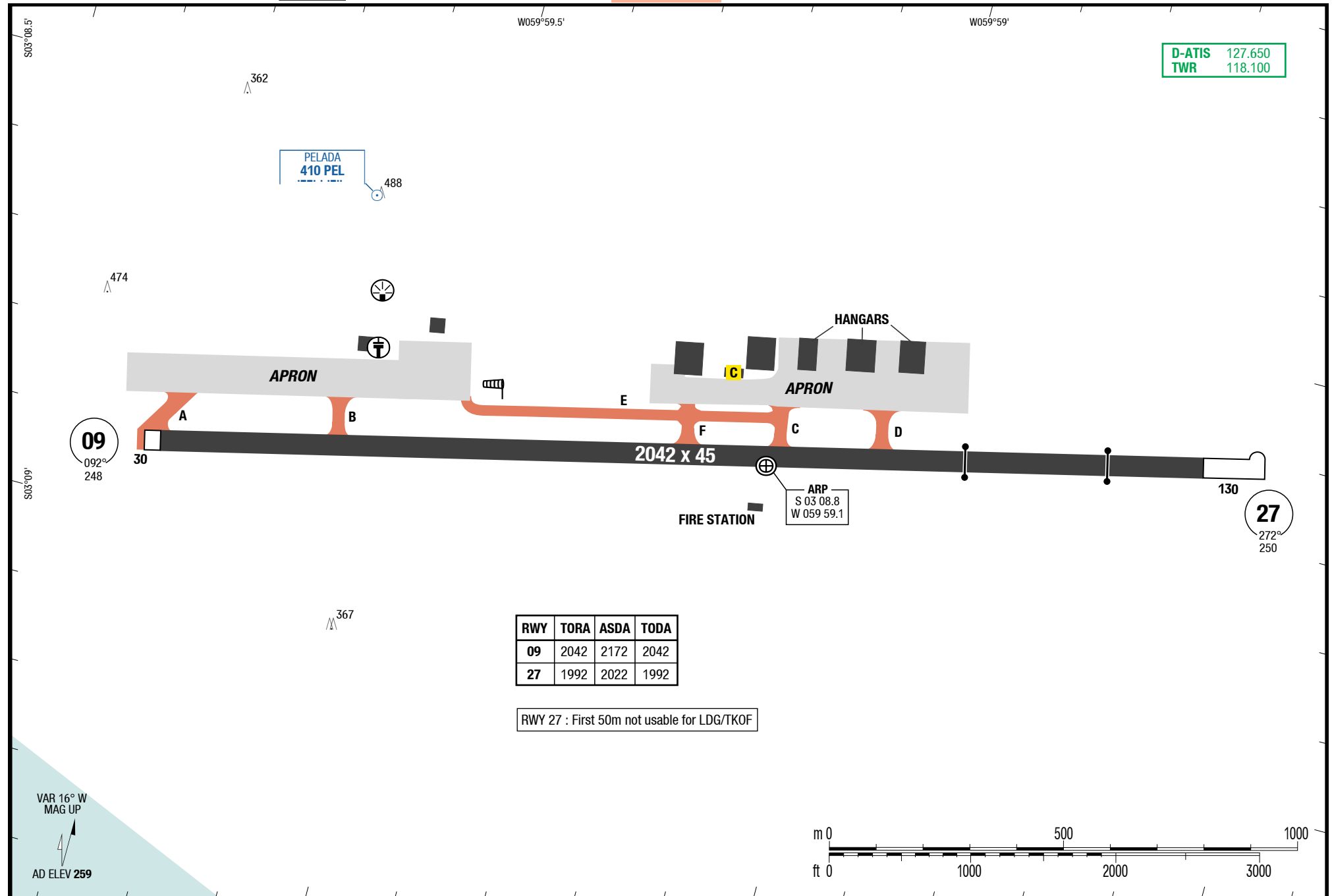
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Ponta Pelada **Manaus** Brazil

AGC



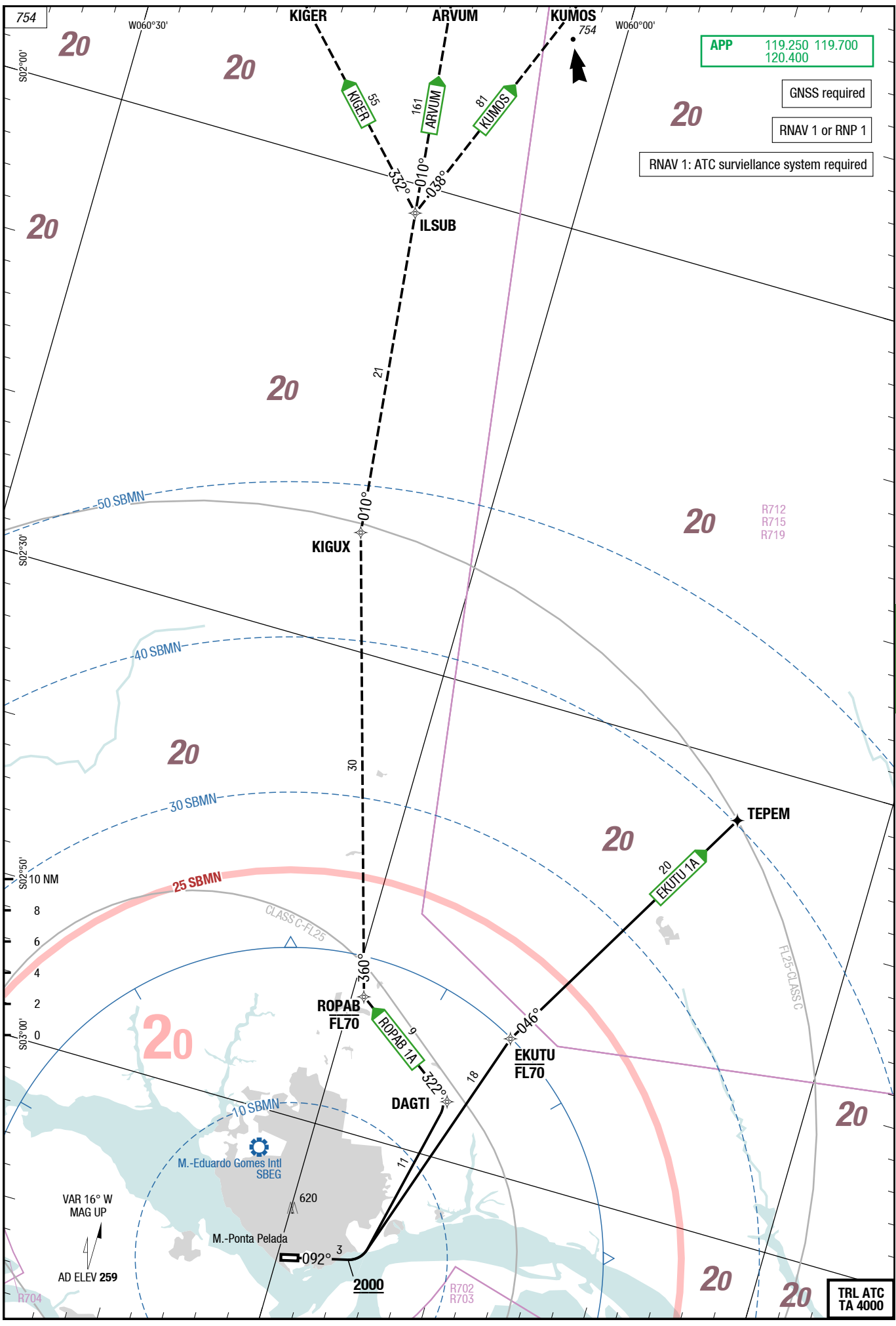
Changes: TWY A, Editorial

03-MAY-2018
PLL-SBMN

Brazil **Manaus** Ponta Pelada
[RNAV 09 GAVAP 1A]
4-10 RNAV 09 EKUTU 1A/ ROPAB 1A

SID
SID

Ponta Pelada **Manaus** Brazil
[RNAV 09 GAVAP 1A]
RNAV 09 EKUTU 1A/ ROPAB 1A



PLL-SBMN

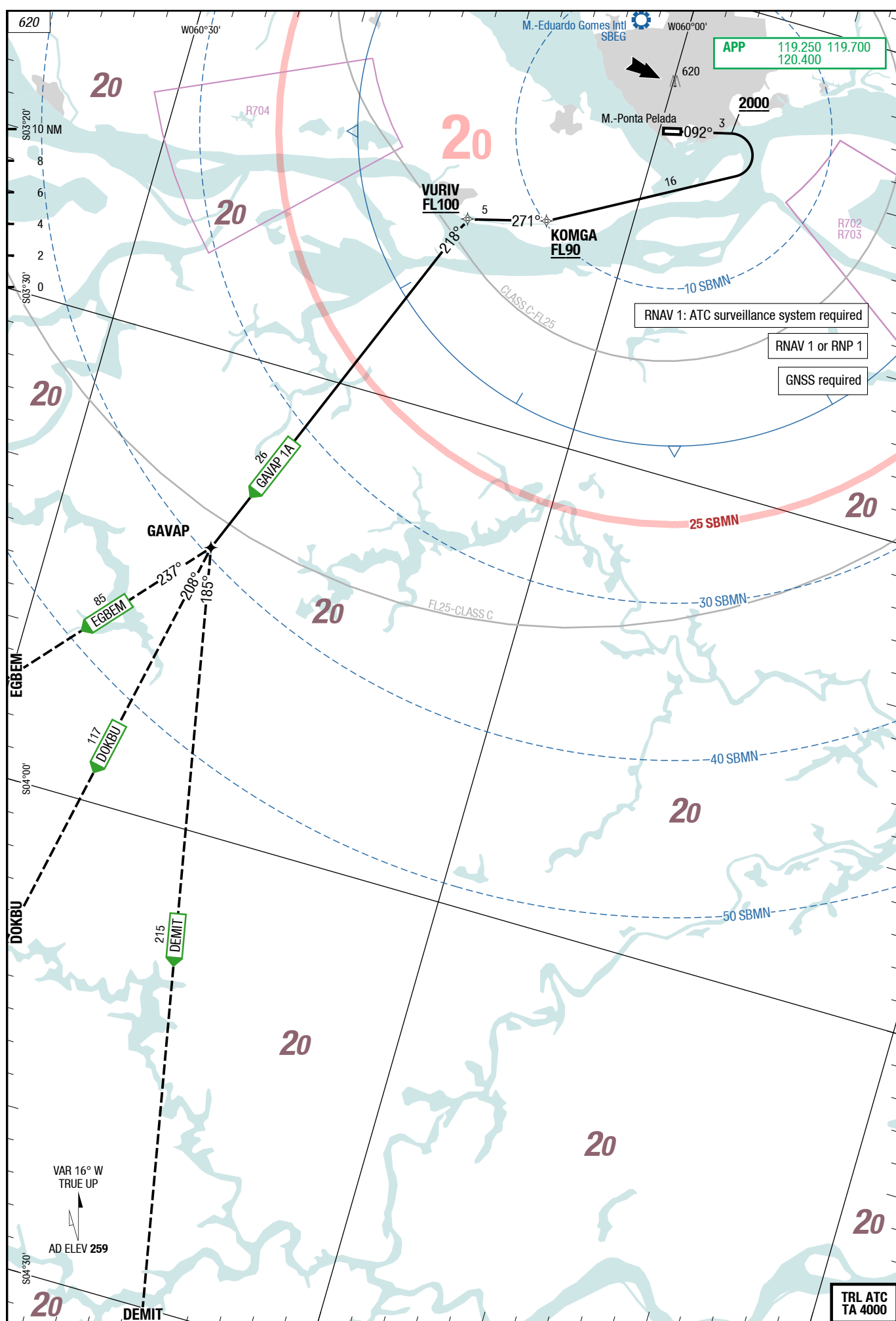
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RNAV 09 GAVAP 1A

SID

SID

RNAV 09 GAVAP 1A



PLL-SBMN

RNAV 09 PUDPO 1A

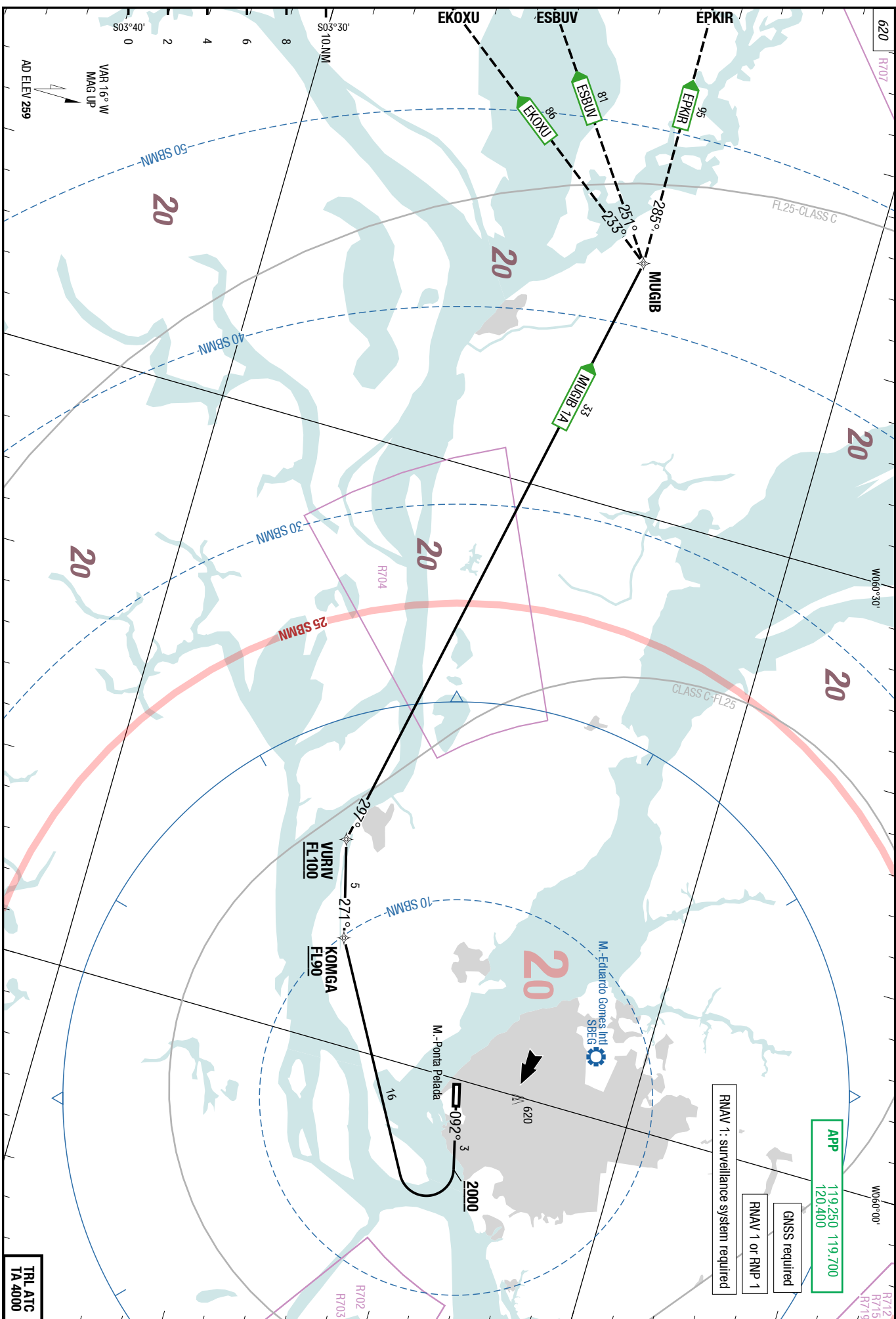
RNAV 09 MUGIB 1A

SID

SID

RNAV 09 PUDPO 1A

RNAV 09 MUGIB 1A



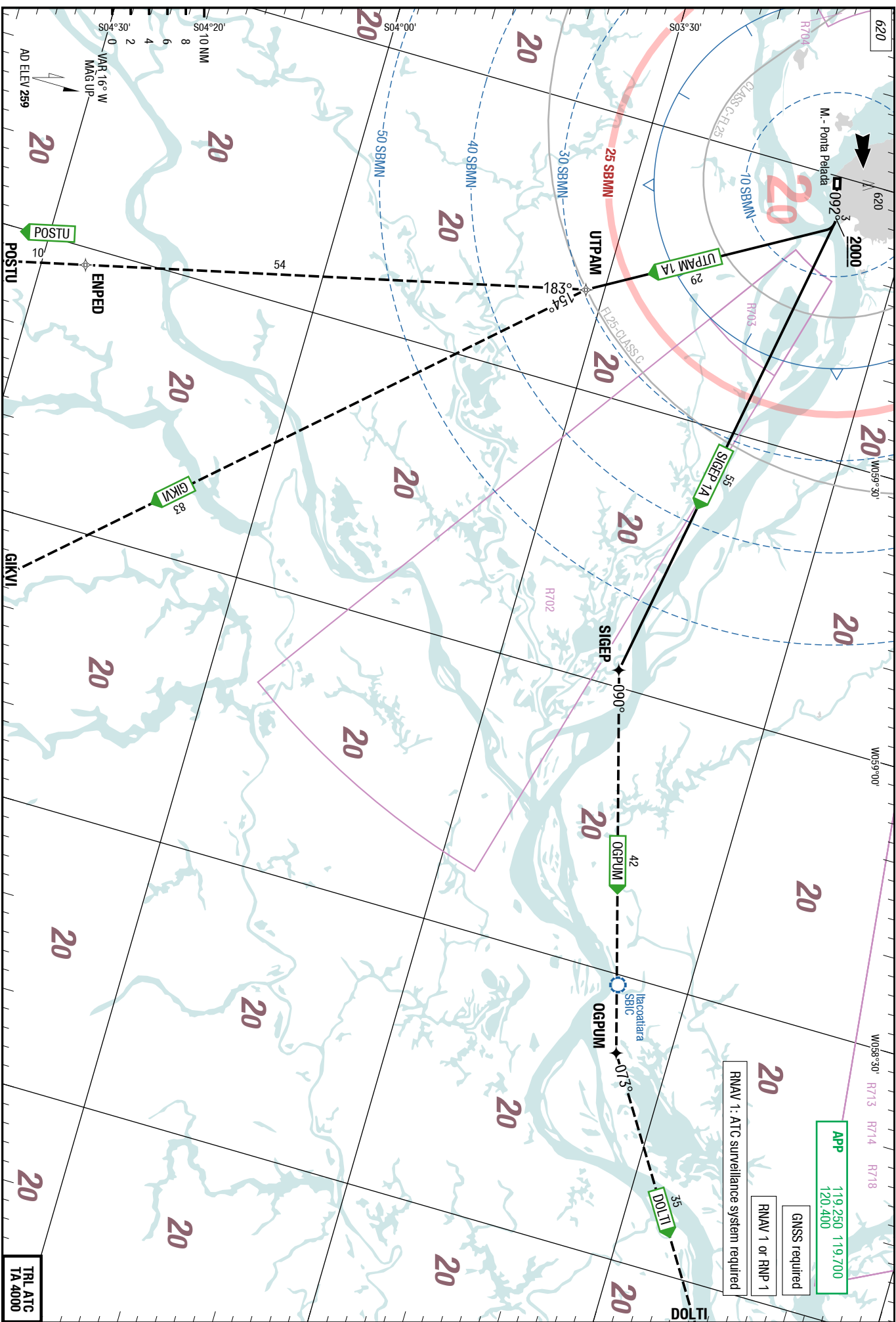


PLL-SBMN

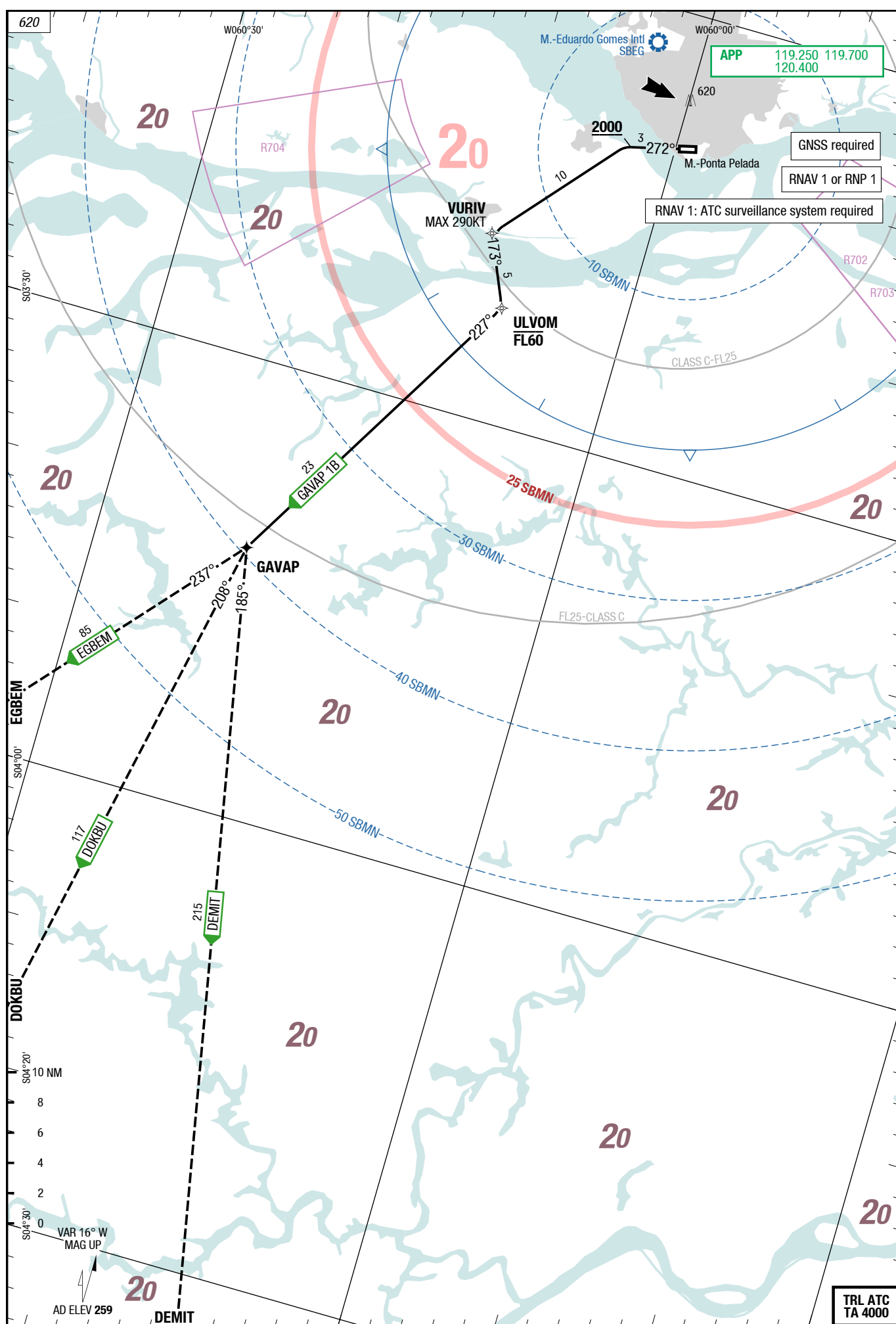
RNAV 27 GAVAP 1B

SID

RNAV 09 SIGEP 1A/UTPAM 1A



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03-MAY-2018

PLL-SBMN

4-70

Brazil **Manaus** Ponta Pelada

RNAV 27 MUGIB 1B

RNAV 27 MUBAV 1B

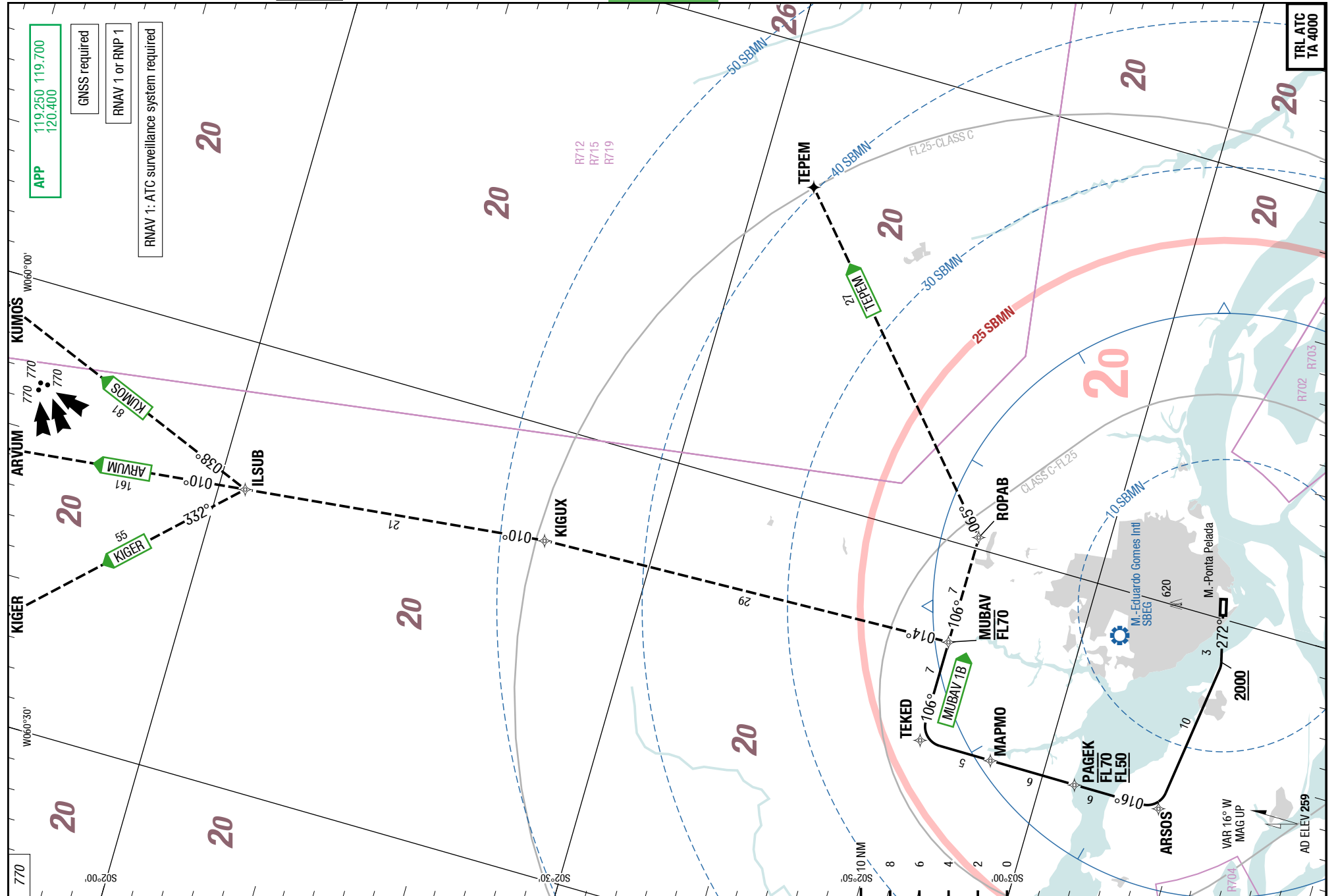
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Ponta Pelada **Manaus** Brazil

RNAV 27 MUGIB 1B

RNAV 27 MUBAV 1B



Changes: new

03-MAY-2018

PLL-SBMN

Brazil **Manaus** Ponta Pelada

4-80

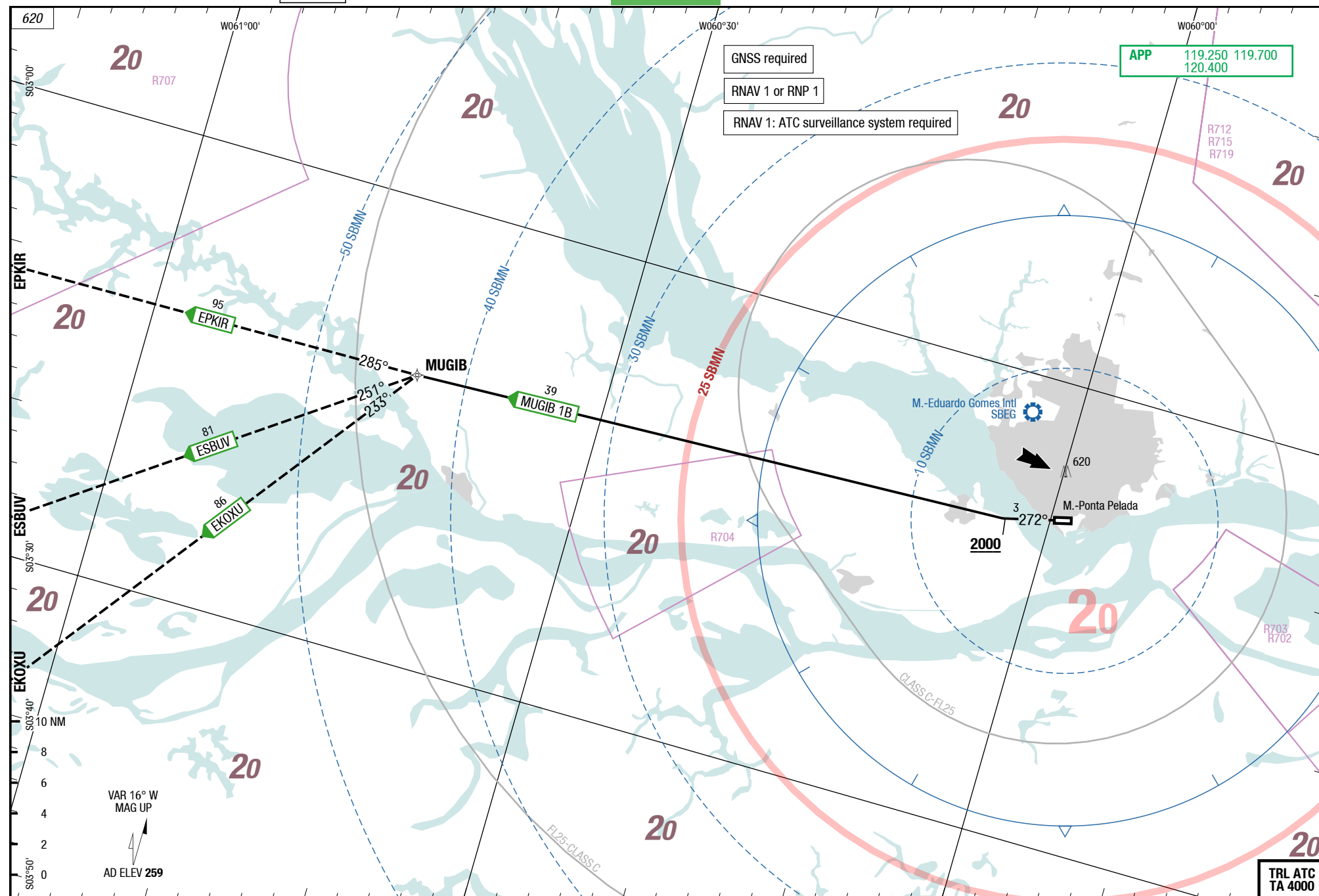
RNAV 27 MUGIB 1B

SID

SID

Ponta Pelada **Manaus** Brazil

RNAV 27 MUGIB 1B



Changes: new

03-MAY-2018

PLL-SBMN

Brazil **Manaus** Ponta Pelada

4-100

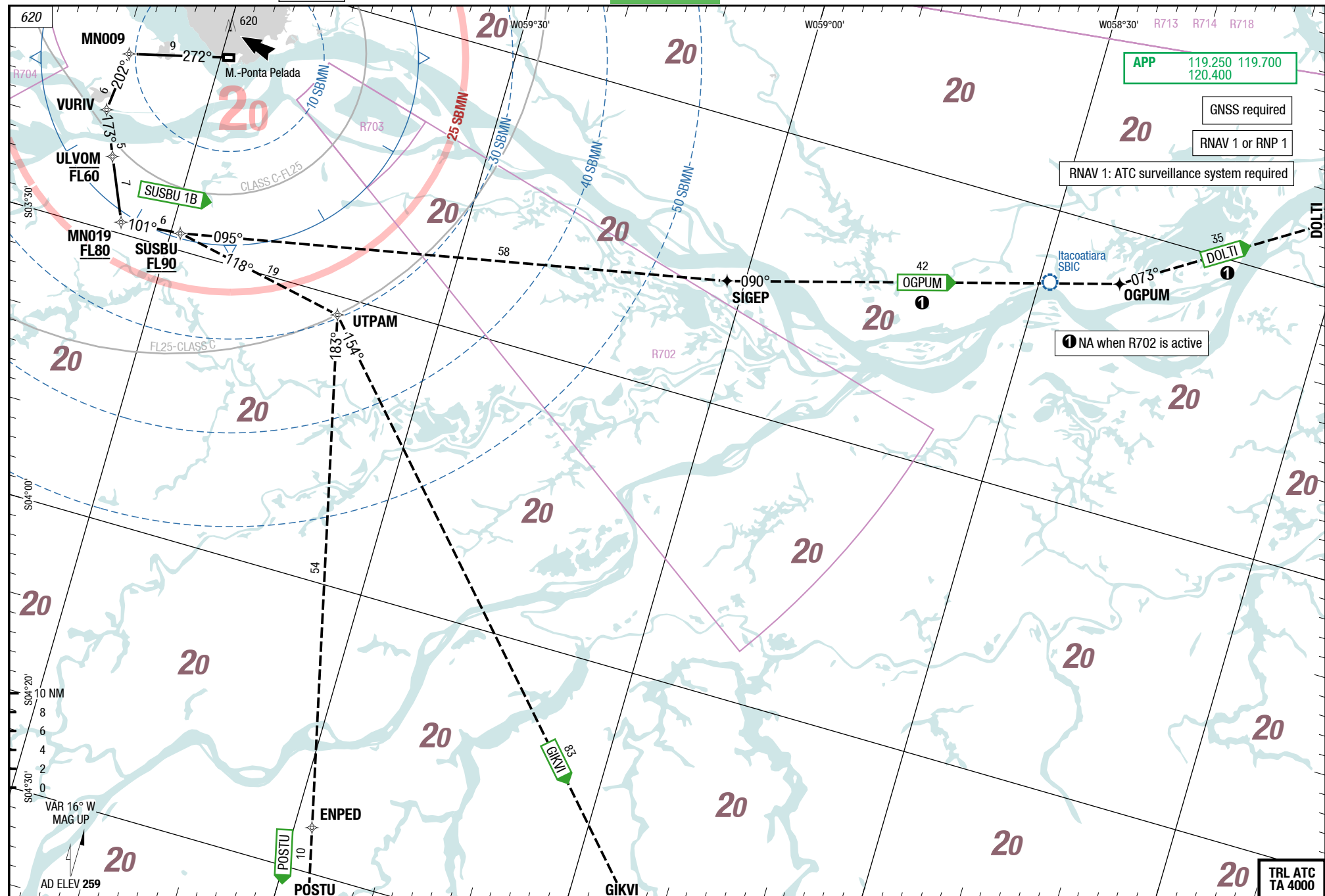
RNAV 27 SUSBU 1B

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

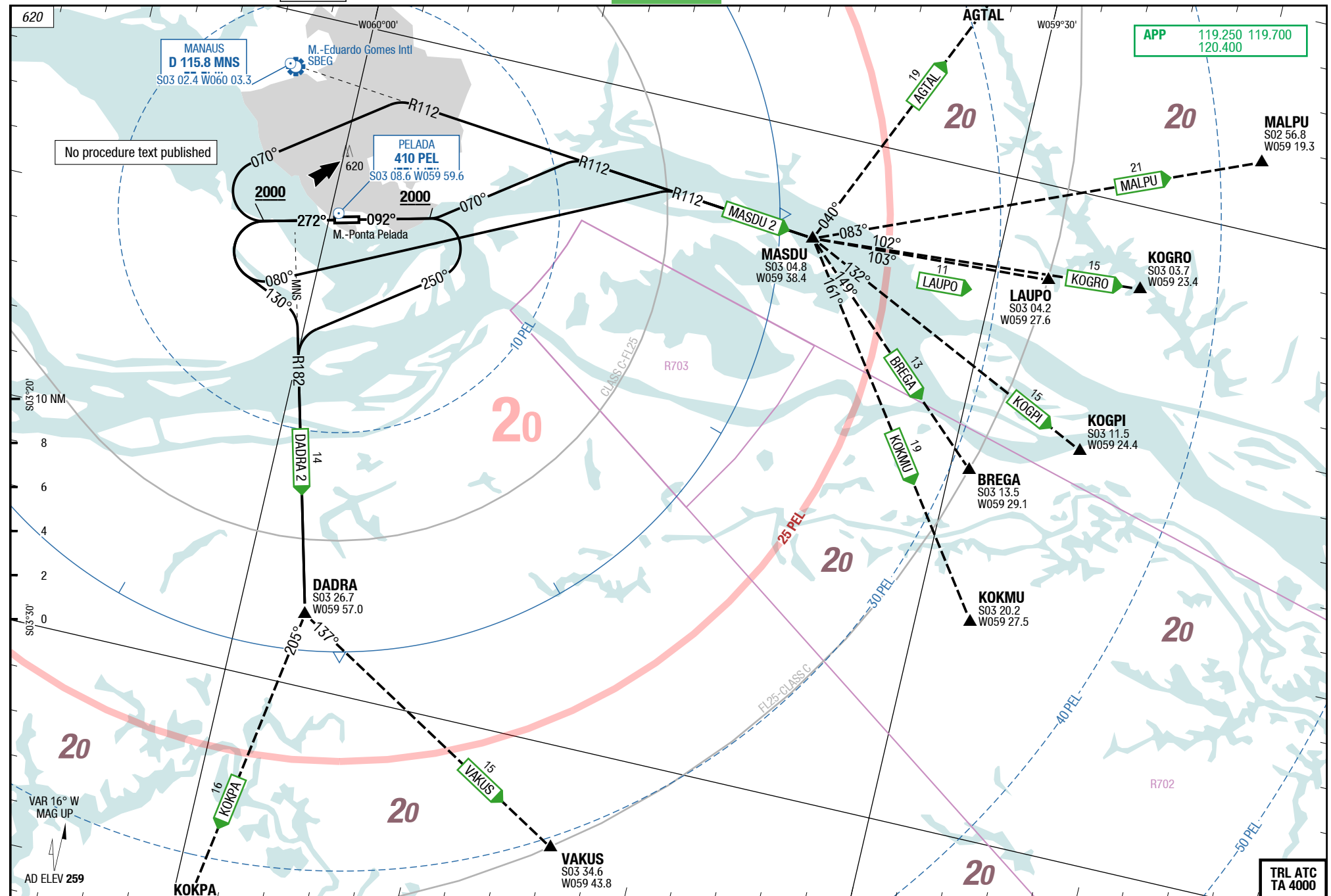
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SID

Ponta Pelada **Manaus** Brazil

DADRA 3 / MASDU 3

DADRA 2 / MASDU 2



Changes: Track, OBST, VAR, AD ELEV

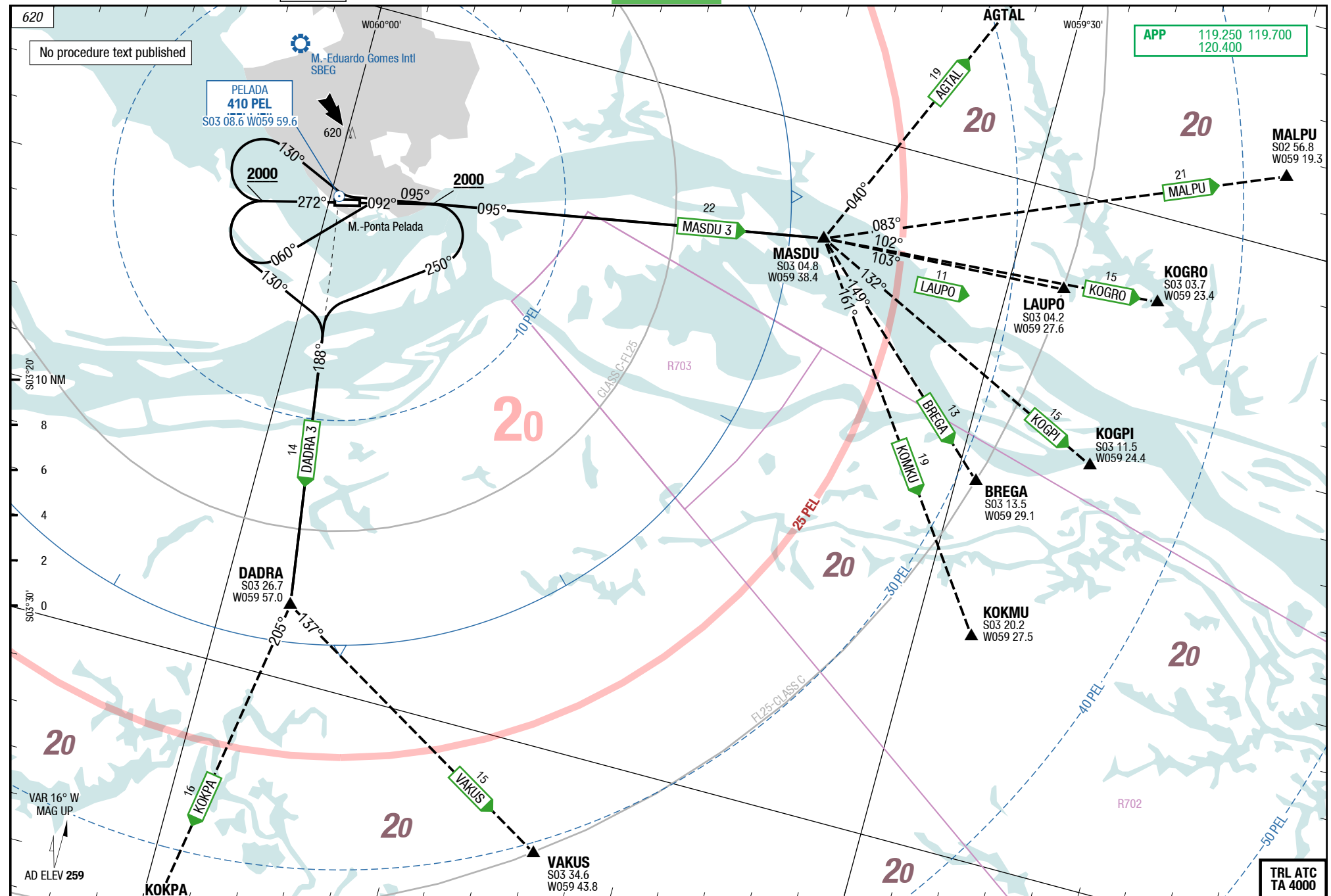
PLL-SBMN

DADRA 3 / MASDU 3

SID

SID

DADRA 3 / MASDU 3



Changes: Track, OBST, VAR, AD ELEV

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EDSAM 1B

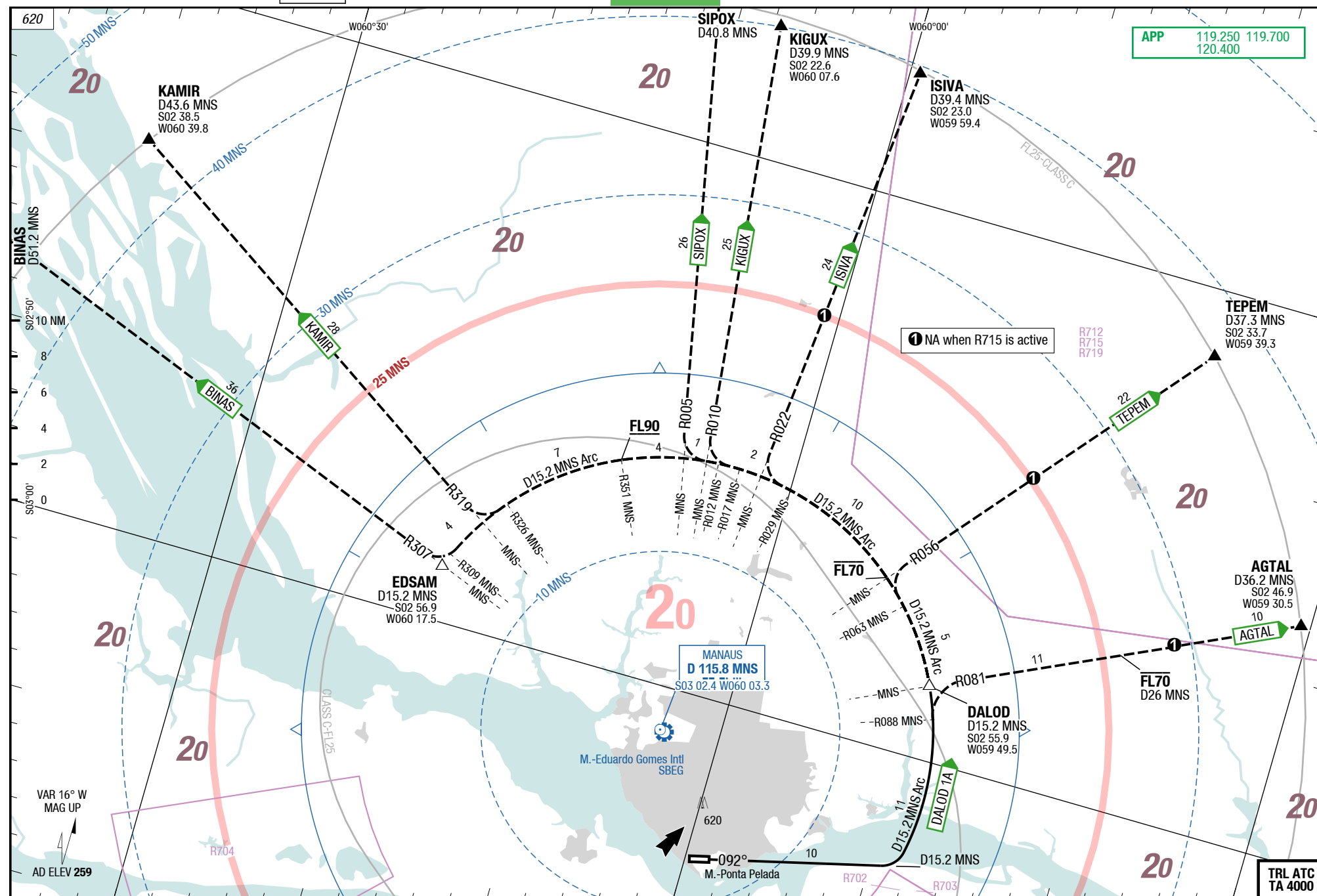
DALOD 1A

SID

SID

EDSAM 1B

DALOD 1A



Changes: new

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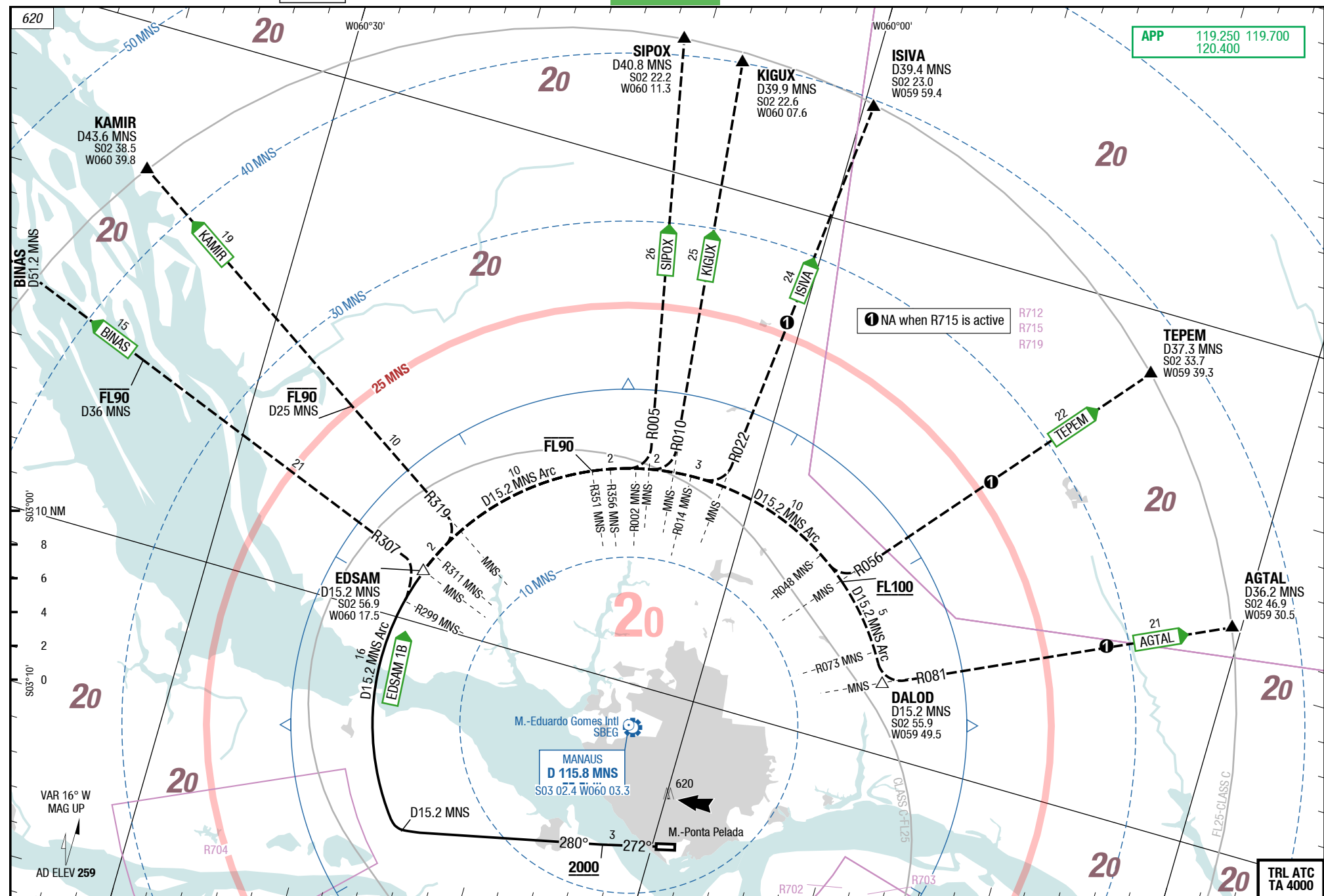
PLL-SBMN

EDSAM 1B

SID

SID

EDSAM 1B



Changes: new

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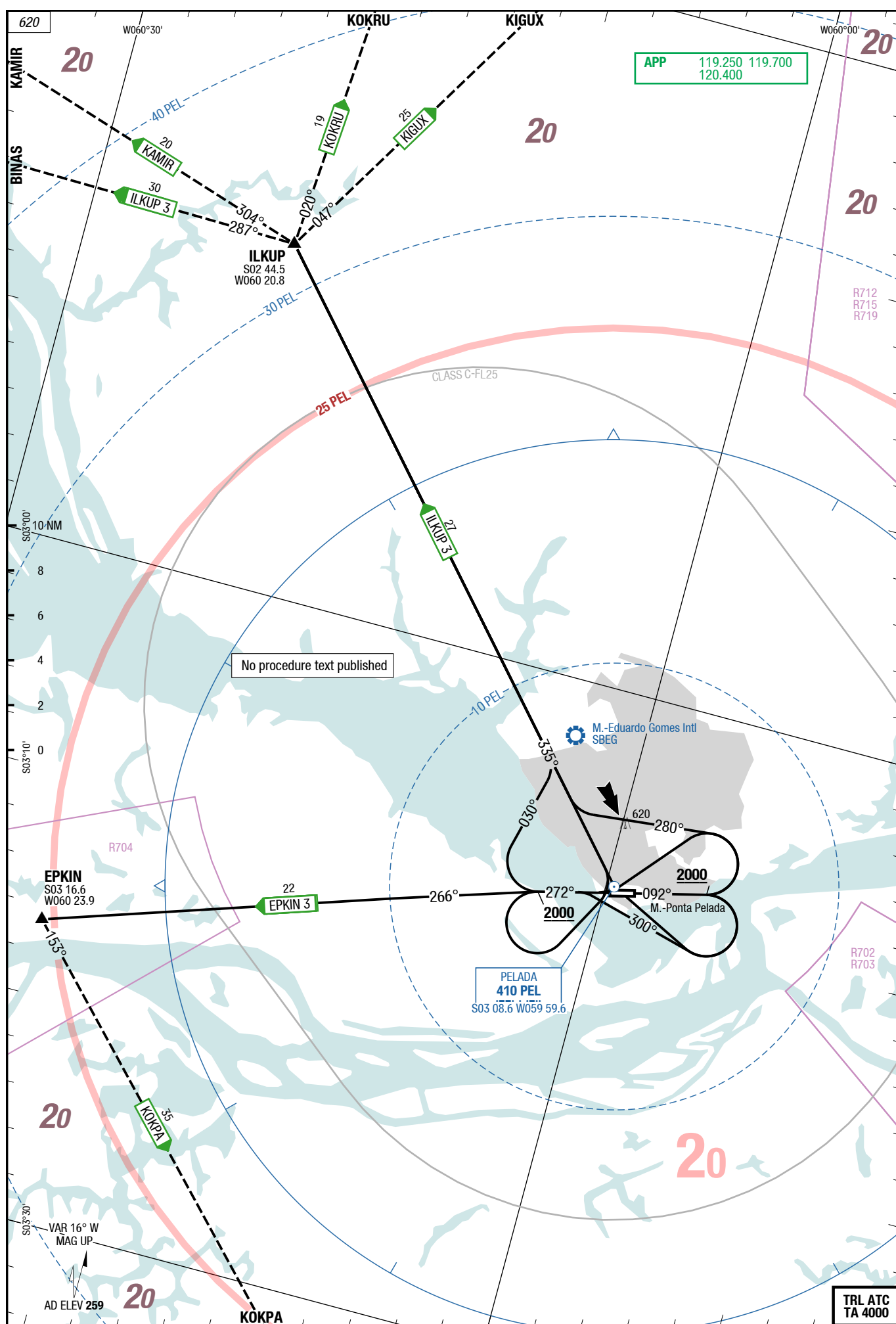


PLL-SBMN

EPKIN 3 / ILKUP 3

SID**SID**

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



Changes: Track, VAR, OBST, AD ELEV

03-MAY-2018

PLL-SBMN

Brazil **Manaus** Ponta Pelada

GAXID 3 / KODLU 3

4-170

GAXID 2 / KODLU 2

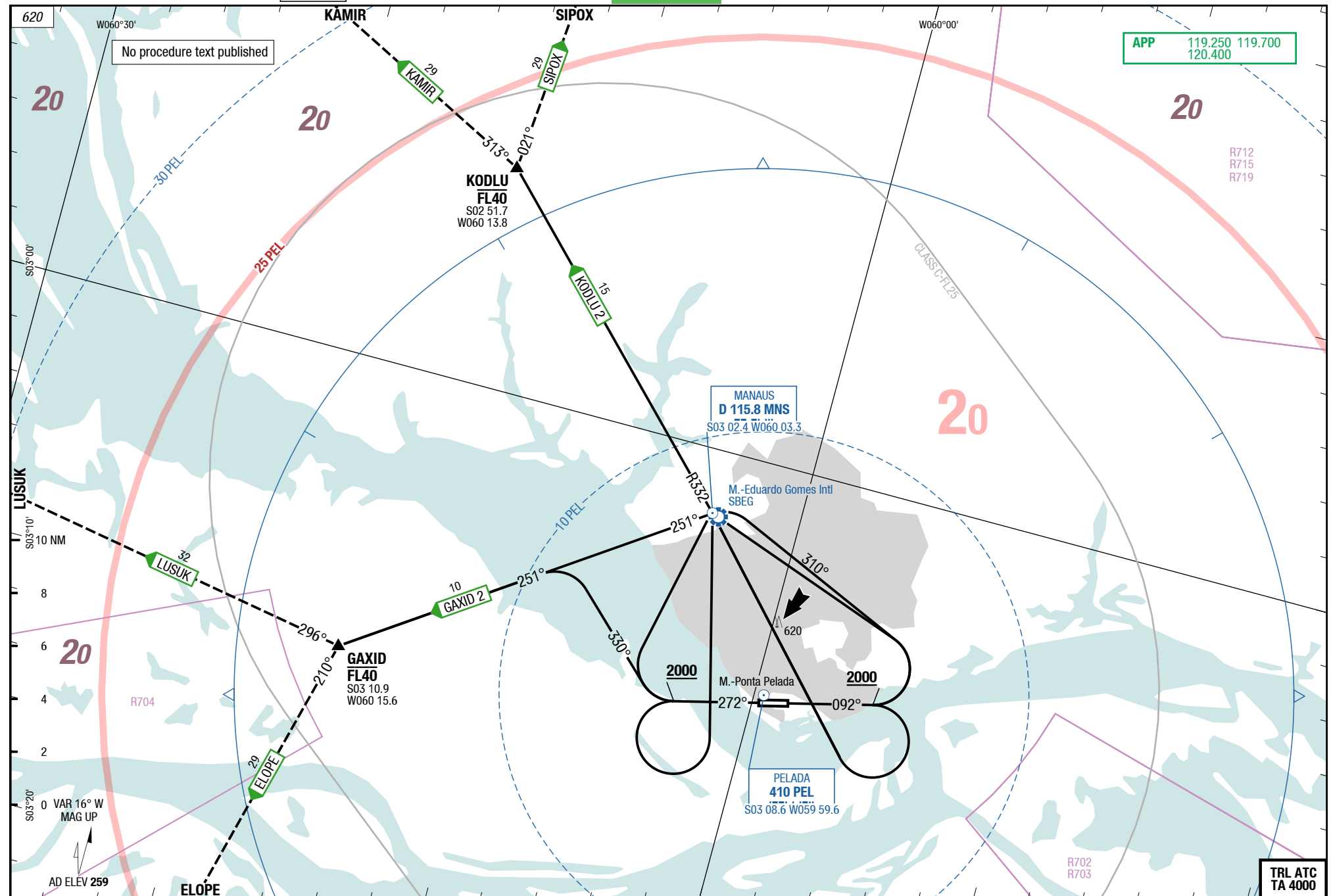
SID

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

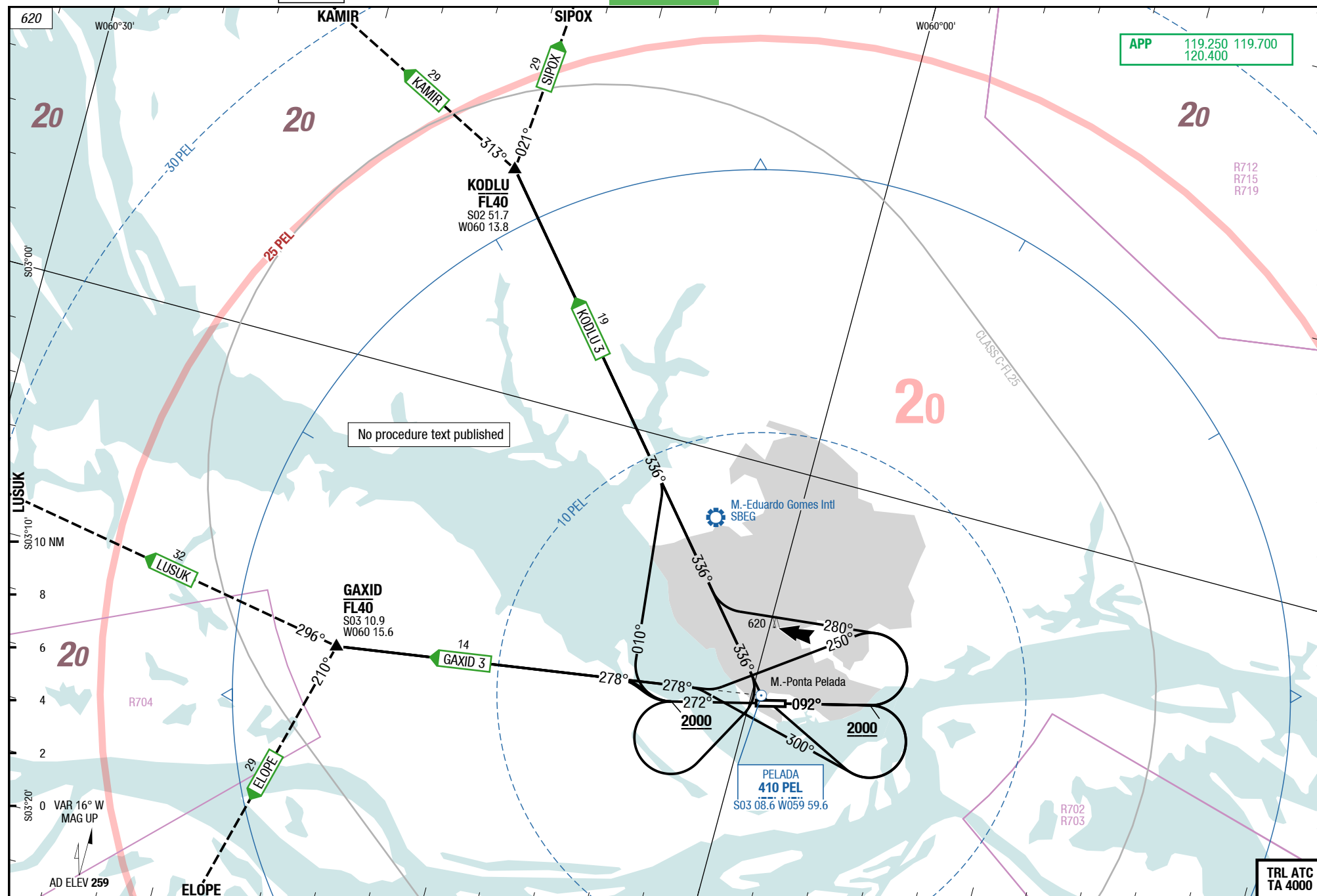
GAXID 3 / KODLU 3

SID

SID

Ponta Pelada **Manaus** Brazil

GAXID 3 / KODLU 3



Changes: Track, OBST, VAR, AD ELEV

TRL ATC
TA 4000

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03-MAY-2018

Brazil **Manaus** Ponta Pelada**PLL-SBMN**

5-10

RNAV 09 EKUTU 1A/ ROPAB 1A**SIDPT****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.

Changes: New

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.

PLL-SBMN

RNAV 09 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

03-MAY-2018

Brazil **Manaus** Ponta Pelada**PLL-SBMN**

5-40

RNAV 09 PUDPO 1A**SIDPT****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.

Changes: New

03-MAY-2018

Brazil **Manaus** Ponta Pelada**PLL-SBMN**

5-50

RNAV 09 SIGEP 1A/UTPAM 1A**SIDPT****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	
	OGPUM SIGEP - OGPUM	
UTPAM 1A 119.250 ①	092° [A2000+] - DCT UTPAM	
	TRANSITION	
	GIKVI UTPAM - GIKVI	
	POSTU UTPAM - ENPED - POSTU	

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

Changes: New

03-MAY-2018

Brazil **Manaus** Ponta Pelada**PLL-SBMN**

5-60

RNAV 27 GAVAP 1B**SIDPT****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

Changes: New

03-MAY-2018

Brazil **Manaus** Ponta Pelada**PLL-SBMN****5-70****RNAV 27 MUBAV 1B****SIDPT****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

Changes: New

MUGIB 1B

RWY 27 (272°)

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

03-MAY-2018

Brazil **Manaus** Ponta Pelada**PLL-SBMN**

5-90

RNAV 27 PUDPO 1B**SIDPT****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.

Changes: New

03-MAY-2018

Brazil **Manaus** Ponta Pelada**PLL-SBMN****5-100****RNAV 27 SUSBU 1B****SIDPT****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.

Changes: New

03-MAY-2018

PLL-SBMN**5-110****DALOD 1A****SIDPT****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	R081/D26 MNS MAX FL70
	BINAS DALOD - follow D15.2 MNS arc to EDSAM - crossing R309 MNS RT intercept R307 MNS to BINAS	R056/D15.2 MNS MAX FL70 R351/D15.2 MNS MNM FL90
	ISIVA DALOD - follow D15.2 MNS arc - crossing R029 MNS RT intercept R022 MNS to ISIVA	R056/D15.2 MNS MAX FL70
	KAMIR DALOD - follow D15.2 MNS arc - crossing R326 MNS RT intercept R319 MNS to KAMIR	R056/D15.2 MNS MAX FL70 R351/D15.2 MNS MAX FL90
	KIGUX DALOD - follow D15.2 MNS arc - crossing R017 MNS RT intercept R010 MNS to KIGUX	R056/D15.2 MNS MAX FL70
	SIPOX DALOD - follow D15.2 MNS arc - crossing R012 MNS RT intercept R005 MNS to SIPOX	R056/D15.2 MNS MAX FL70
	TEPEM DALOD - follow D15.2 MNS arc - crossing R063 MNS RT intercept R056 MNS to TEPEM	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.

03-MAY-2018

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

Changes: New

03-MAY-2018

PLL-SBMN

Brazil **Manaus** Ponta Pelada

[RNAV 09 IRLUMO 1A]

6-10

RNAV 09 ALBIP 1A

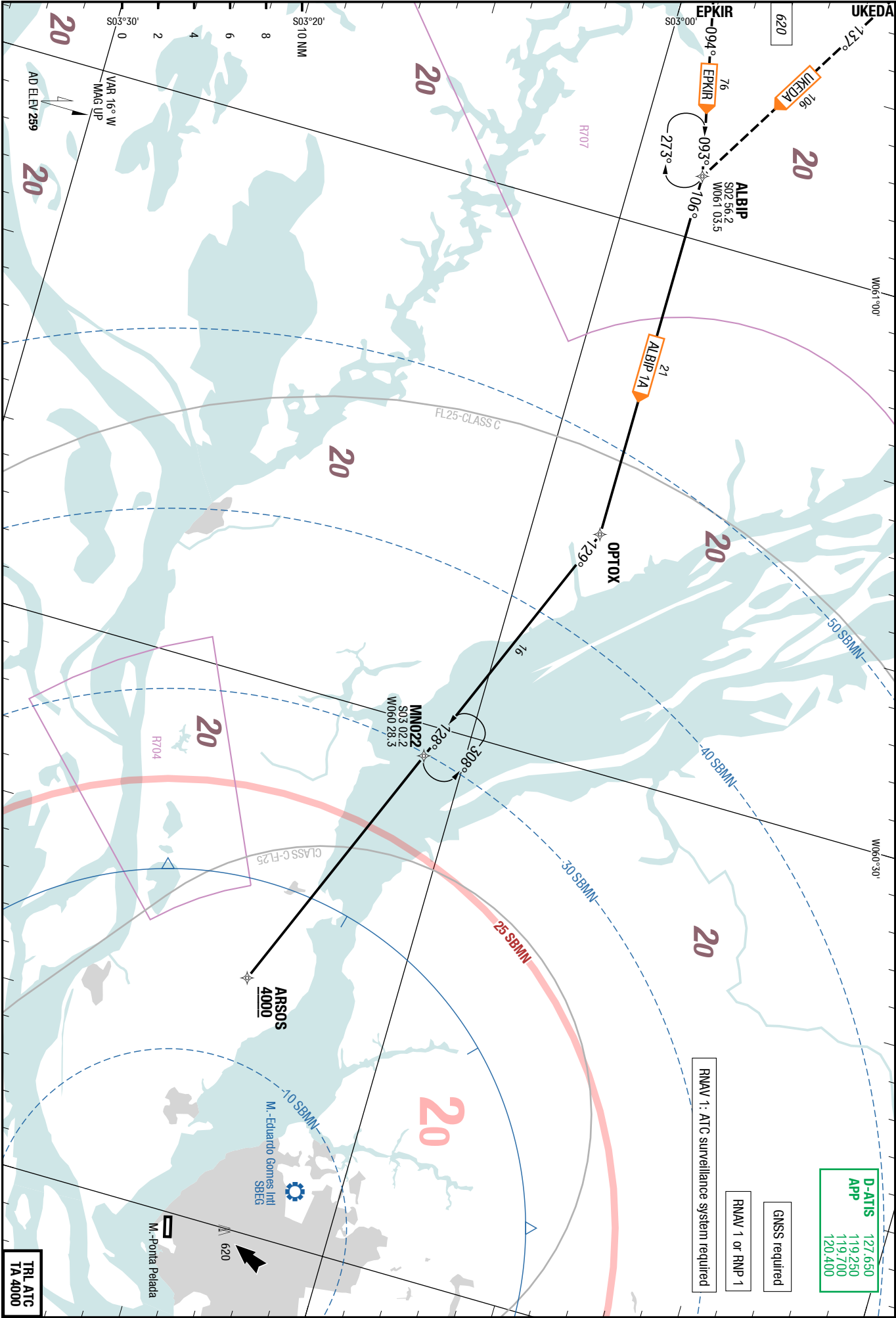
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Ponta Pelada **Manaus** Brazil

[RNAV 09 IRLUMO 1A]

RNAV 09 ALBIP 1A



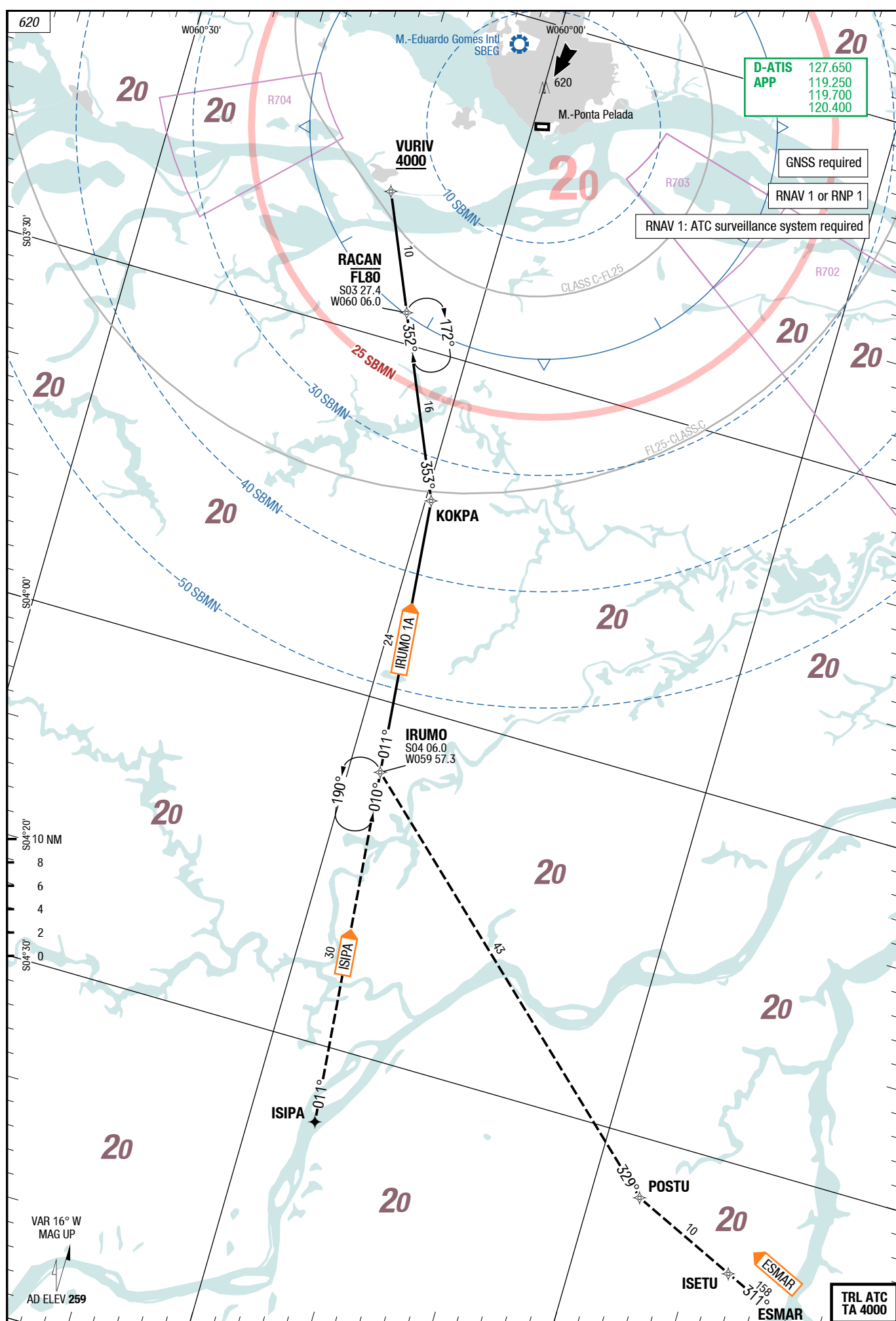
Changes: new

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RNAV 09 IRUMO 1A

STAR

RNAV 09 IRUMO 1A



03-MAY-2018

PLL-SBMN

Brazil **Manaus** Ponta Pelada

RNAV 09 MOLDO 1A

6-30

RNAV 09 KULAB 1A

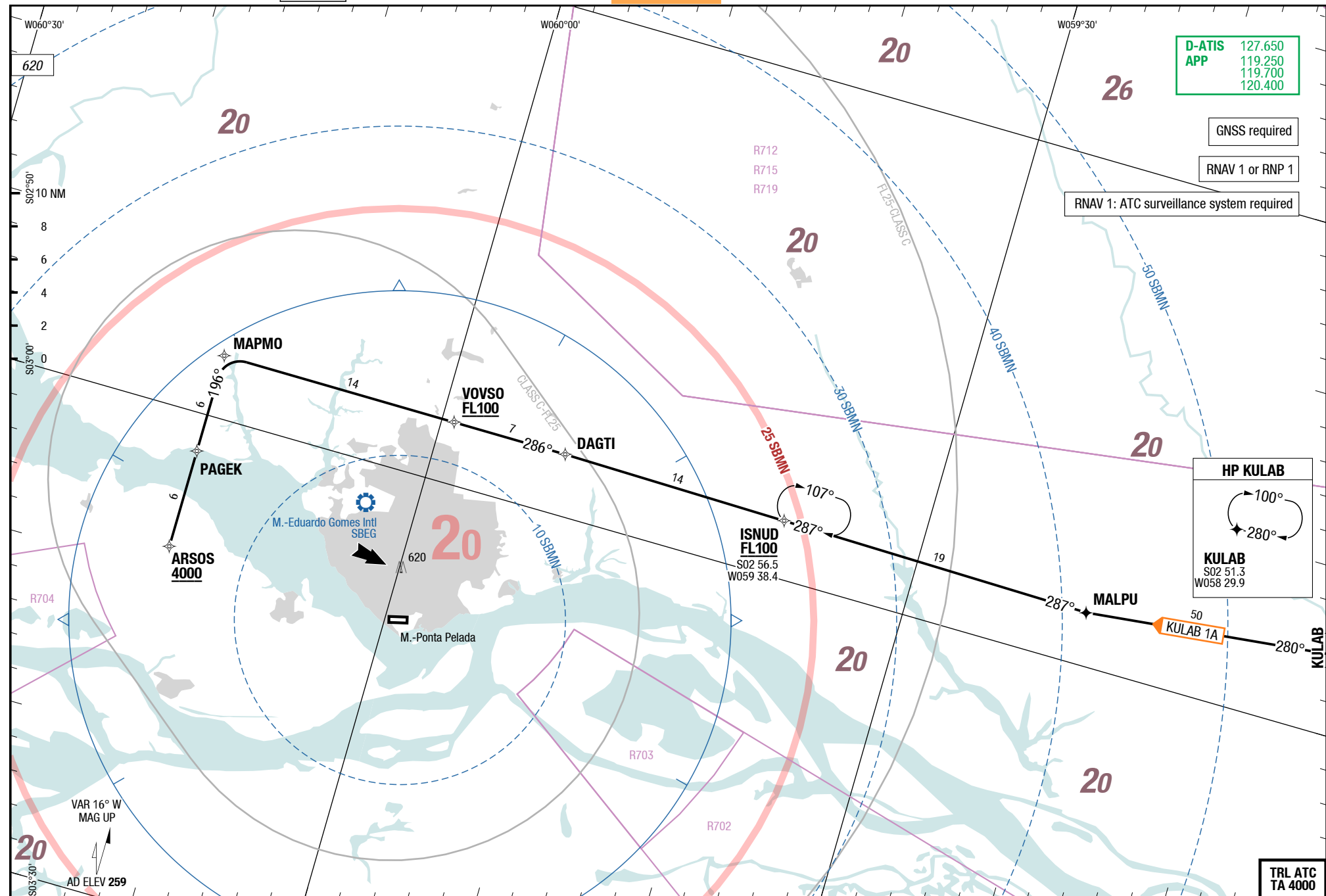
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Ponta Pelada **Manaus** Brazil

RNAV 09 MOLDO 1A

RNAV 09 KULAB 1A



Changes: new

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PLL-SBMN

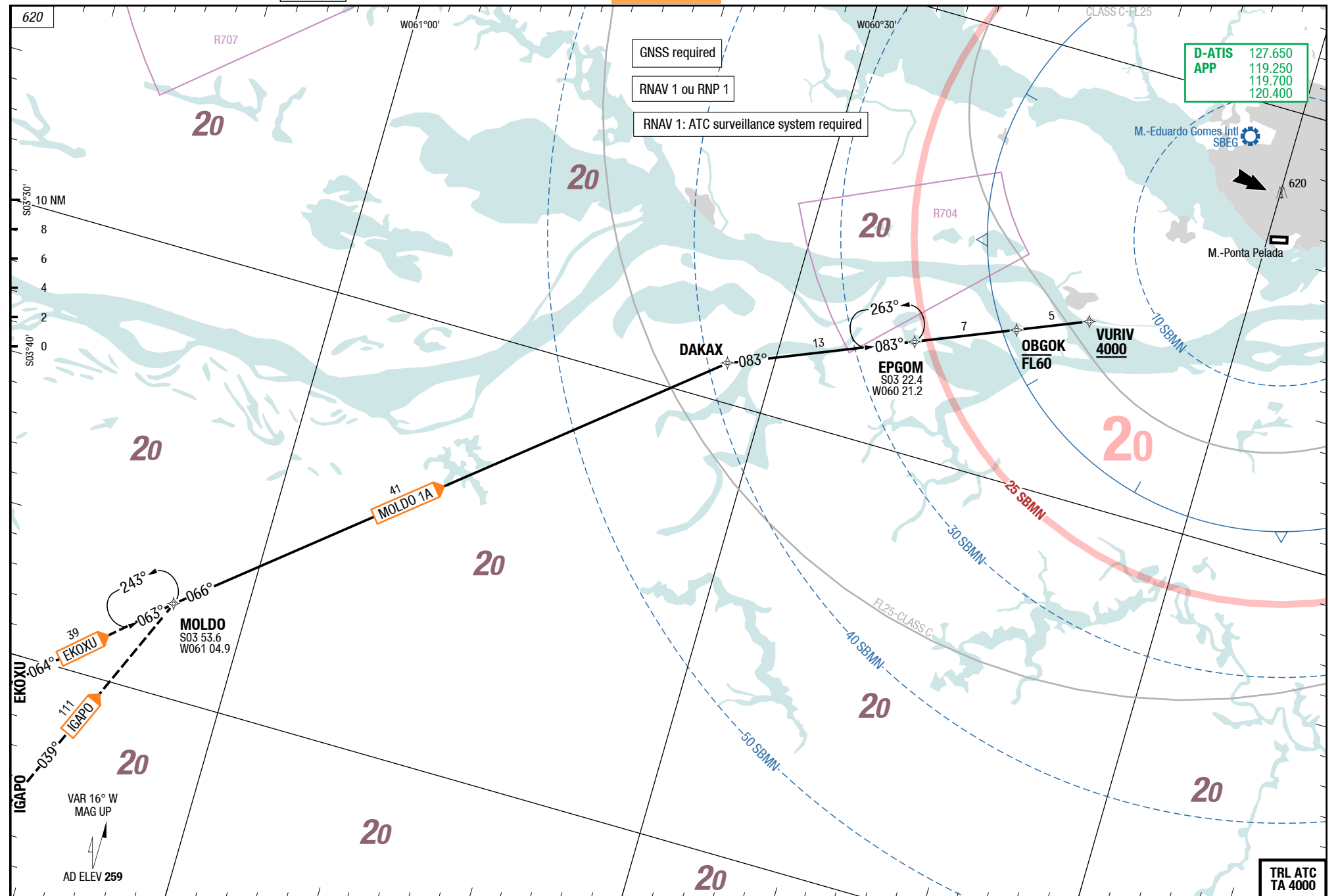
RNAV 09 MOLDO 1A

STAR

STAR

RNAV 09 MOLDO 1A

6-40



Changes: new

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03-MAY-2018

PLL-SBMN

Brazil **Manaus** Ponta Pelada

RNAV 27 ALBIP 1B

RNAV 09 SEMLA 1A

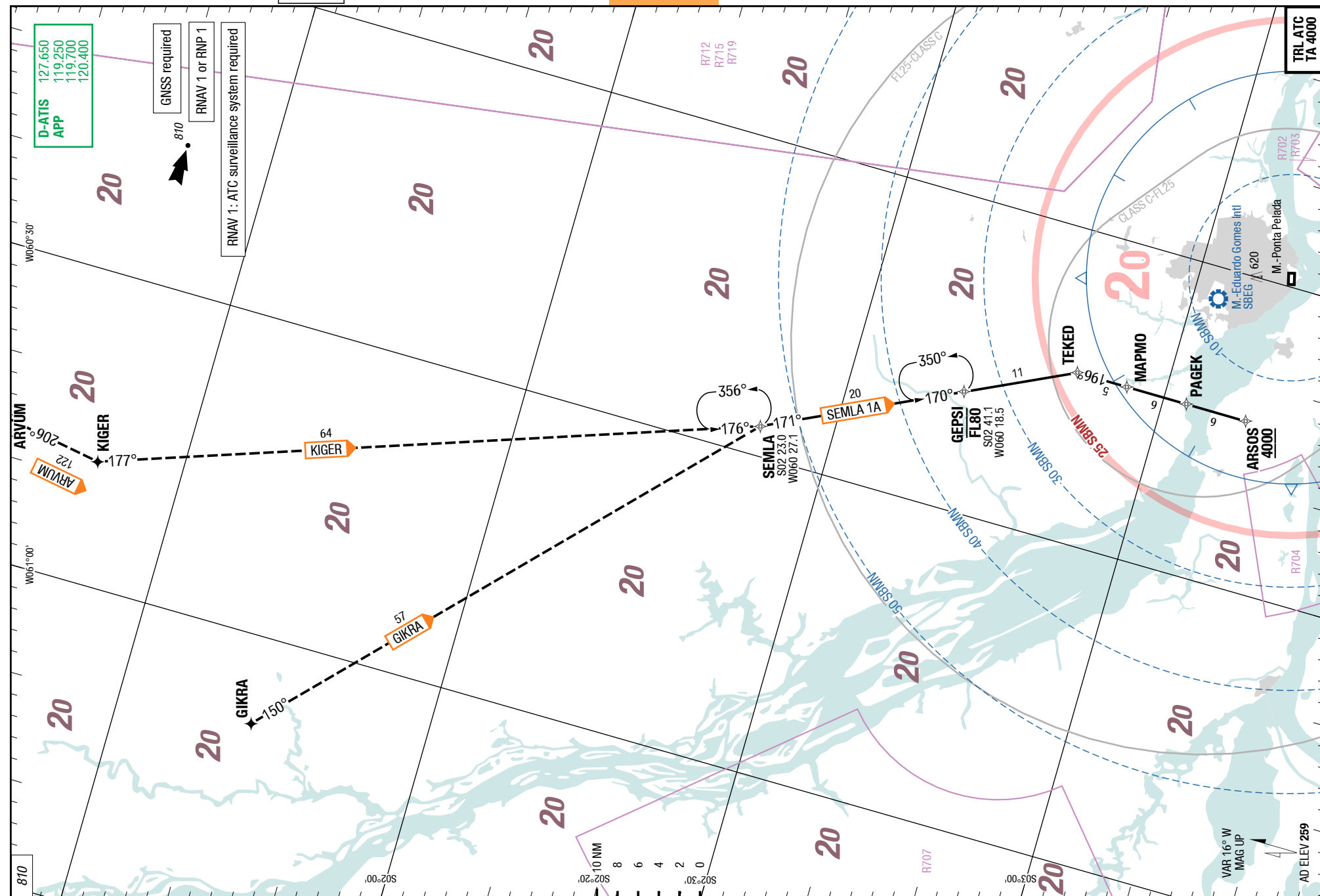
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Ponta Pelada **Manaus** Brazil

RNAV 27 ALBIP 1B

RNAV 09 SEMLA 1A



Changes: new

03-MAY-2018

PLL-SBMN

Brazil **Manaus** Ponta Pelada

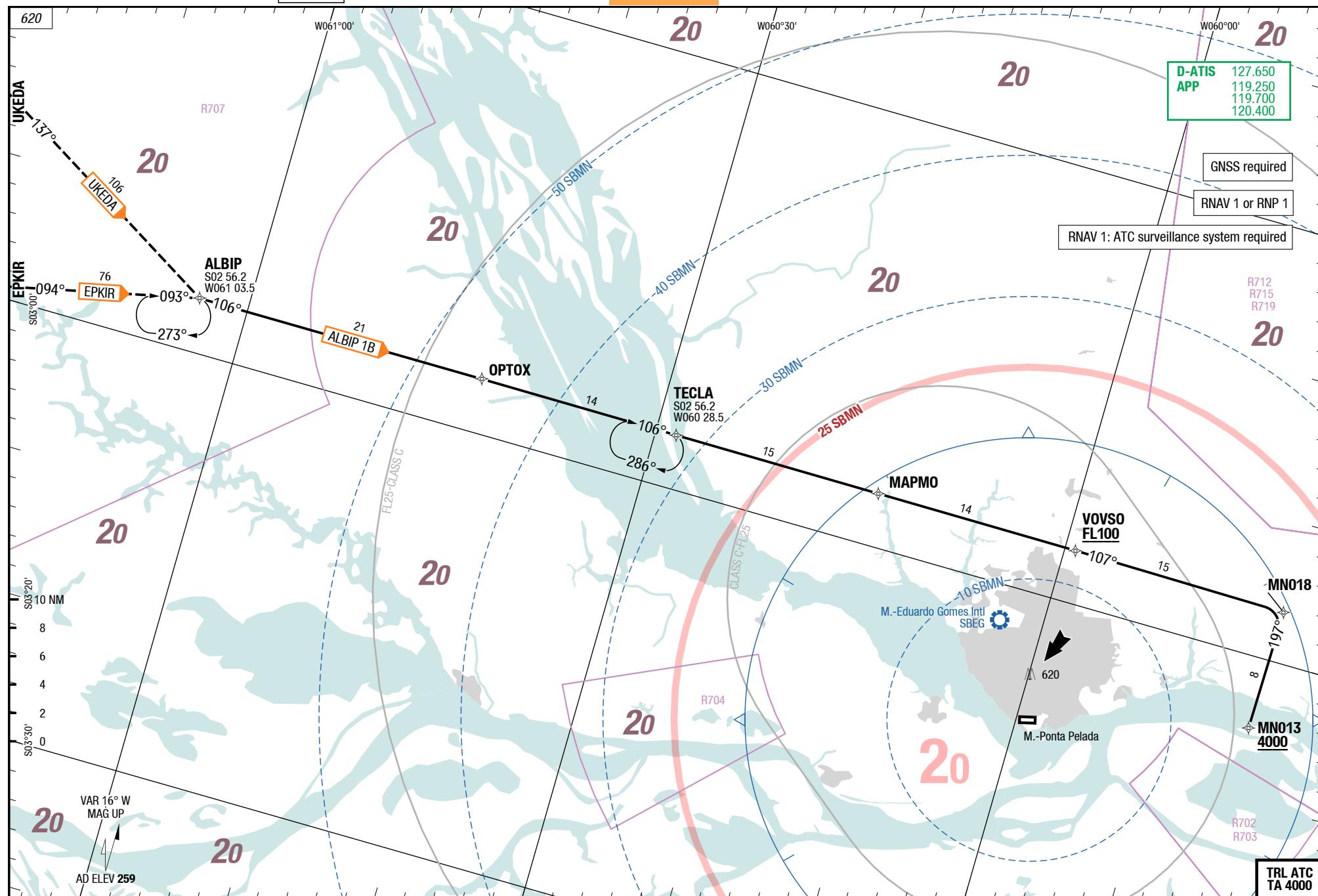
RNAV 27 ALBIP 1B

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Ponta Pelada **Manaus** Brazil

RNAV 27 ALBIP 1B



Changes: new

PLL-SBMN

RNAV 27 KULAB 1B

RNAV 27 IRUMO 1B

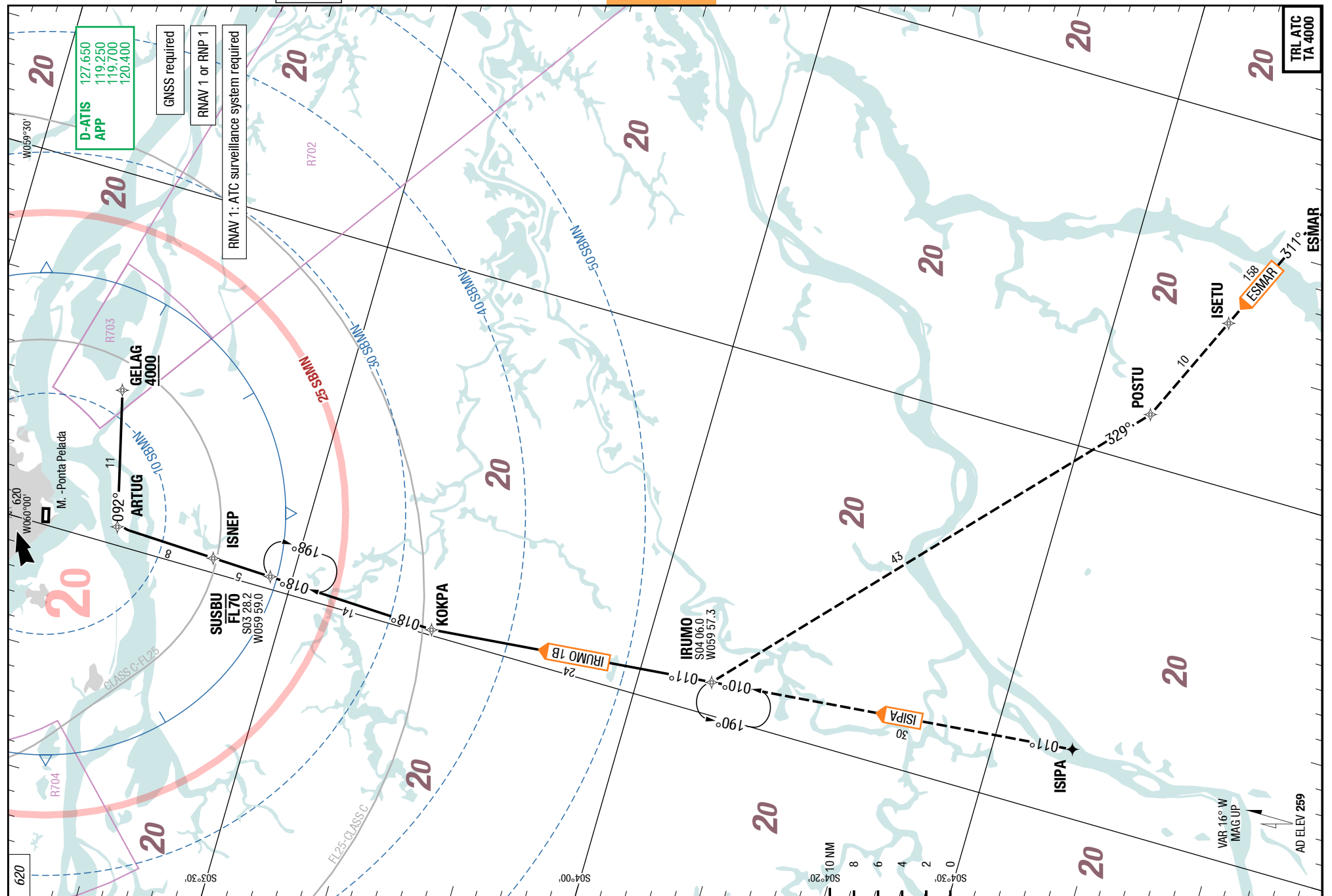
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STAR

RNAV 27 KULAB 1B

RNAV 27 IRUMO 1B

6-70



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03-MAY-2018

PLL-SBMN

Brazil **Manaus** Ponta Pelada

6-80

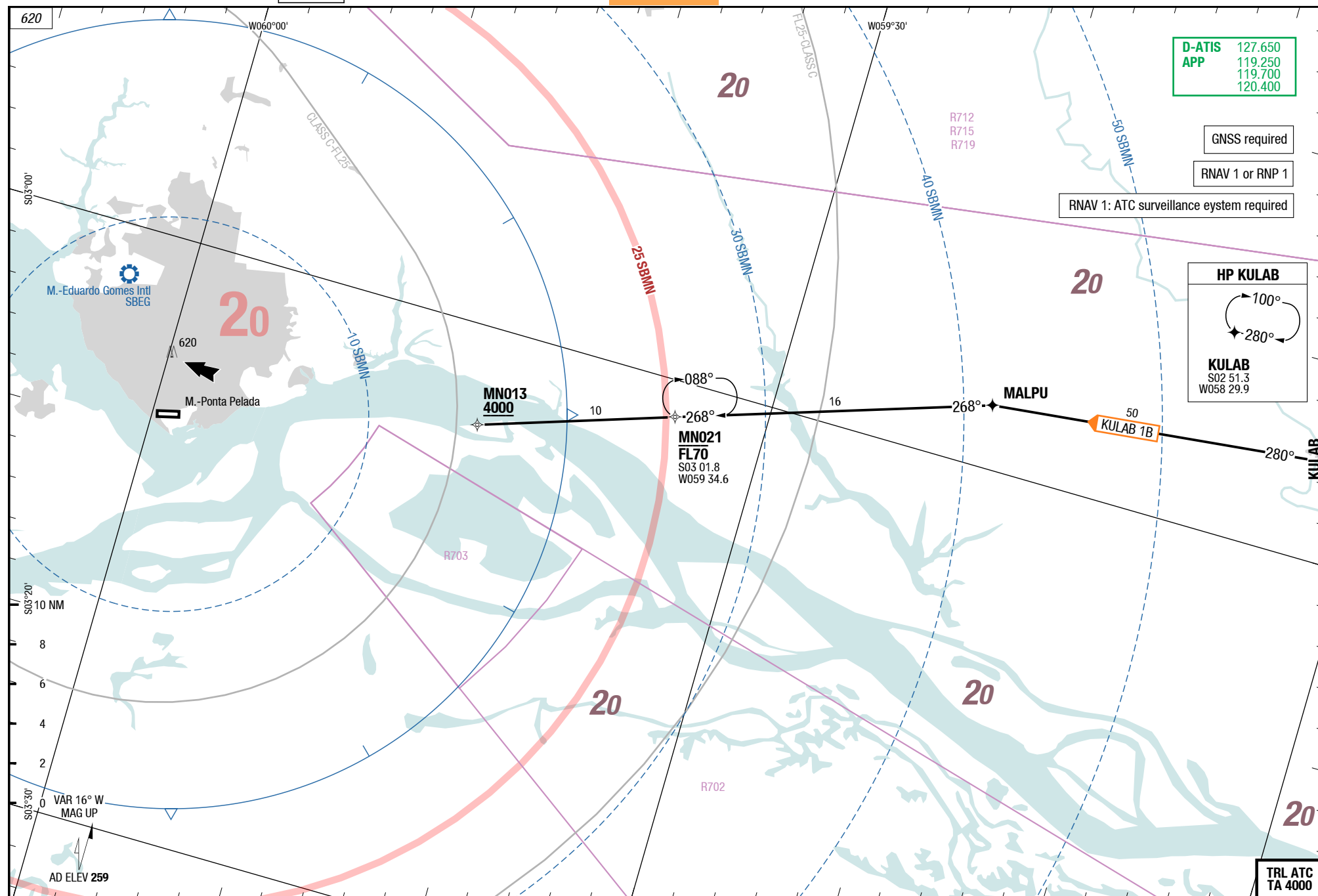
RNAV 27 KULAB 1B

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Ponta Pelada **Manaus** Brazil

RNAV 27 KULAB 1B



Changes: new

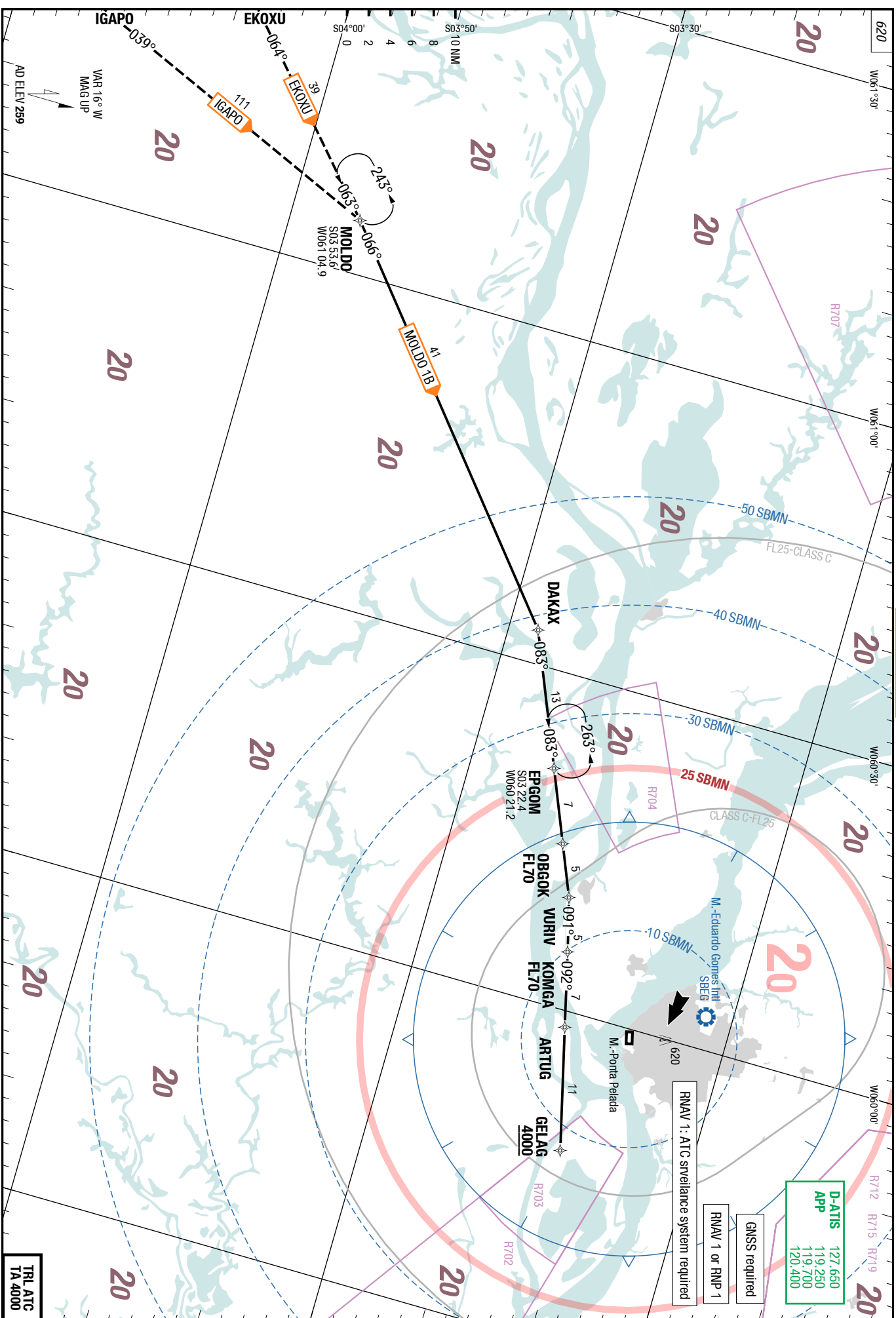
PLL-SBMN

RNAV 27 SEMLA 1B

06-90

STAR

06-90



03-MAY-2018

PLL-SBMN

Brazil Manaus Ponta Pelada

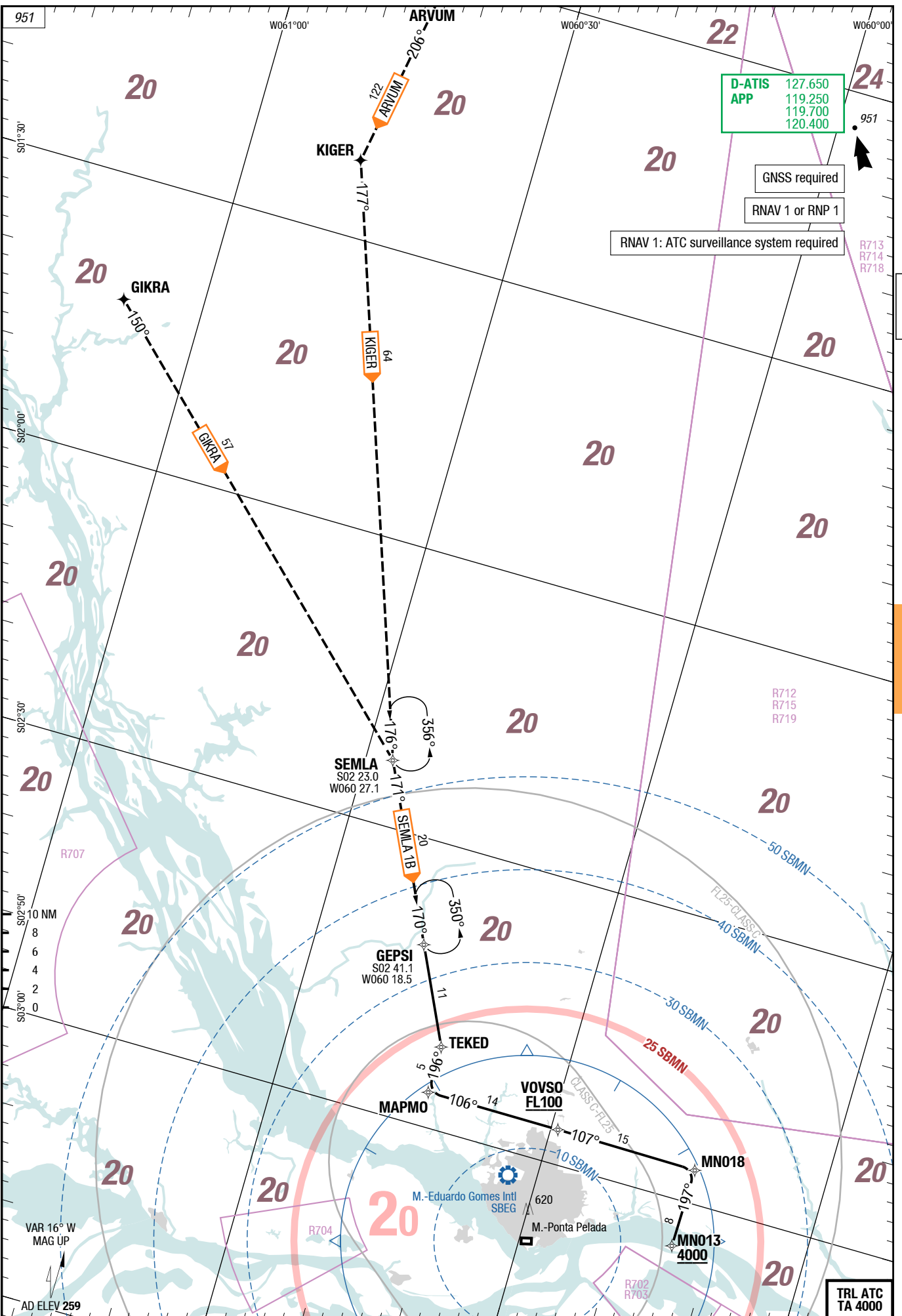
RNAV 27 SEMLA 1B

STAR

STAR

Ponta Pelada Manaus Brazil

RNAV 27 SEMLA 1B



Changes: new

13-SEP-2018

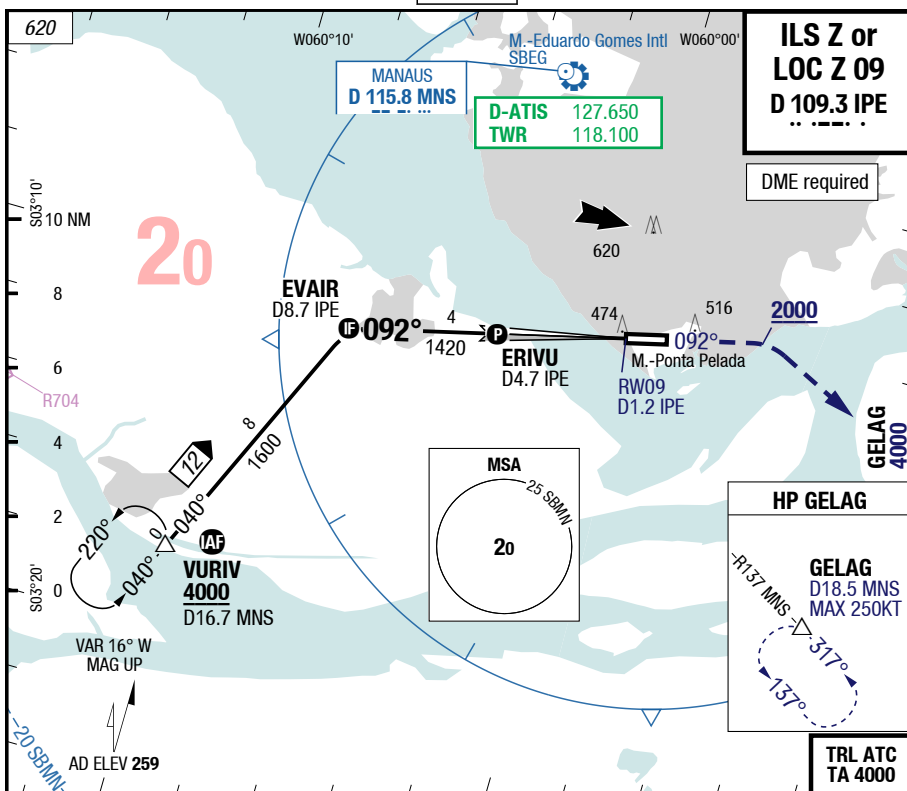
Brazil Manaus Ponta Pelada

IAC

PLL-SBMN

7-10

ILS Z or LOC Z 09



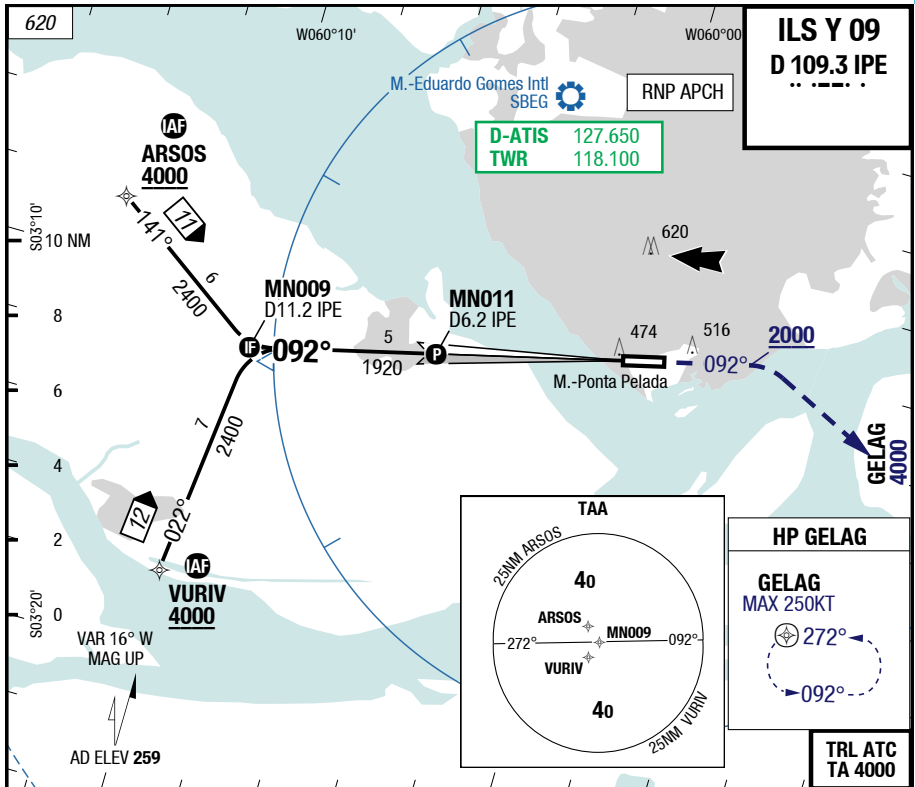
LOC 3.00°				5.2	5	4	3	09	83.2° 2042 x 45		60 L												
D IPE				1600	1530	1200	880		THR 248 (9hPa) / TDZ 248 (---%)		0.0%												
D8.7 IPE EVAIR		D5.2 D4.7 ERIVU		D3.3		D1.2 RW09		IPE		092° at MNM 2000 RT direct GELAG climb 4000 (MAX 250KT)													
1600		1400		900		MDA		<table><tr><td>GS</td><td>120</td><td>140</td><td>160</td></tr><tr><td>D4.7 IPE</td><td>640</td><td>740</td><td>850</td></tr><tr><td>-MAPt</td><td>NA</td><td>NA</td><td>NA</td></tr></table>		GS	120	140	160	D4.7 IPE	640	740	850	-MAPt	NA	NA	NA		
GS	120	140	160																				
D4.7 IPE	640	740	850																				
-MAPt	NA	NA	NA																				
DIST to THR		5		3.5		2.1		0															
09		Cat 1 DME GA 4.0% 1)		LOC DME GA 4.0%						Circling													
C	ft - m/km ft	200 - 1.2V 450		480 - 2.2V 720						Not published													
D	ft - m/km ft	200 - 1.2V 450		480 - 2.2V 720						Not published													

1) With EVS VIS 800m

1) With EVS VIS 800m

Changes: TDZE, OBST, Editorial

13-SEP-2018

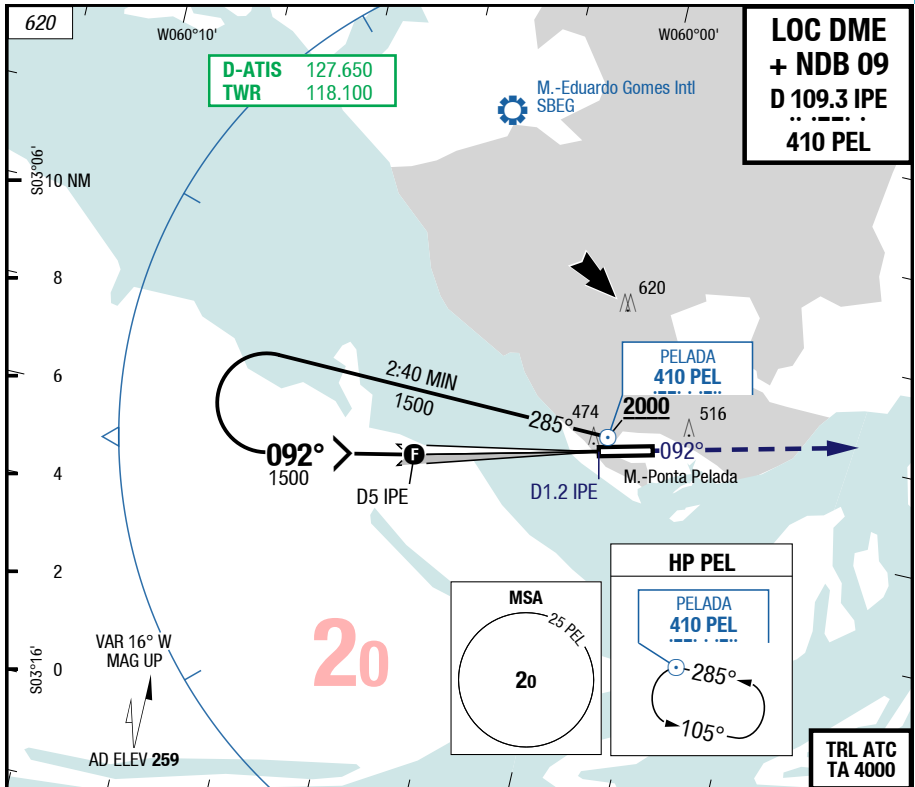
PLL-SBMN**7-20****ILS Y 09**

D IPE	7.8	6	5	4	3	2	09	83.2° 60 L 2042 x 45 2042 x 45 60 L		THR 248 (9hPa) / TDZ 248 (---%) 0.0%																																																																					
	2400	1840	1520	1190	870	550																																																																									
<div>D11.2 IPE MN009 D7.8 D6.2 MN011 D1.2 IPE RW09</div> <div><div><div>2400</div><div>F</div></div><div><div>1900</div><div>D</div></div><div><div>1920</div><div>P</div></div><div><div>092°</div><div>GP 3.00°</div></div><div><div>50</div><div>DA</div></div></div> <div>092° at MNM 2000 RT direct GELAG climb 4000 (MAX 250KT)</div> <table><tr><td>GS</td><td>120</td><td>140</td><td>160</td></tr><tr><td></td><td>640</td><td>740</td><td>850</td></tr></table> <tr><td colspan="12">DIST to THR10 5 0</td></tr> <tr><td colspan="2">09</td><td colspan="2">Cat 1 DME GA 4.0% 1)</td><td colspan="2">LOC</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Circling</td></tr> <tr><td>C</td><td>ft - m/km ft</td><td colspan="2">200 - 1.2V 450</td><td colspan="2">Not published</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Not authorized</td></tr> <tr><td>D</td><td>ft - m/km ft</td><td colspan="2">200 - 1.2V 450</td><td colspan="2">Not published</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">Not authorized</td></tr> <tr><td colspan="12">1) With EVS VIS 800m</td></tr>												GS	120	140	160		640	740	850	DIST to THR10 5 0												09		Cat 1 DME GA 4.0% 1)		LOC						Circling		C	ft - m/km ft	200 - 1.2V 450		Not published						Not authorized		D	ft - m/km ft	200 - 1.2V 450		Not published						Not authorized		1) With EVS VIS 800m											
GS	120	140	160																																																																												
	640	740	850																																																																												
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09		Cat 1 DME GA 4.0% 1)		LOC						Circling																																																																					
C	ft - m/km ft	200 - 1.2V 450		Not published						Not authorized																																																																					
D	ft - m/km ft	200 - 1.2V 450		Not published						Not authorized																																																																					
1) With EVS VIS 800m																																																																															

1) With EVS VIS 800m

Changes: TDZE, OBST

13-SEP-2018

PLL-SBMN**7-30****LOC DME + NDB 09**

3.00° D IPE				5	4	3	09	83.2° 2042 x 45 60 L														
				1500	1190	870		THR 248 (9hPa) / TDZ 248 (---%) 0.0%														
<div>D5 IPE</div>								<div>D1.2 IPE</div>														
<div>1500</div>								<div>2000</div>														
<div>2:40 MIN</div>								<div>285°</div>														
<div>1400</div>								<div>092° climb 2000</div>														
<div>MDA</div>																						
DIST to THR				5	3.8	0		<table><tr><td>GS</td><td>120</td><td>140</td><td>160</td></tr><tr><td>D5 IPE</td><td>640</td><td>740</td><td>850</td></tr><tr><td>-MAPT</td><td>1:53</td><td>1:37</td><td>1:25</td></tr></table>			GS	120	140	160	D5 IPE	640	740	850	-MAPT	1:53	1:37	1:25
GS	120	140	160																			
D5 IPE	640	740	850																			
-MAPT	1:53	1:37	1:25																			
09		LOC DME						Circling S of AD only														
C	ft - m/km ft	C 500 - 2.4V 720						C 600 - 2.4V 860														
D	ft - m/km ft	C 500 - 2.4V 720						C 600 - 3.6V 960														

Changes: MIN, TDZE, OBST, Editorial

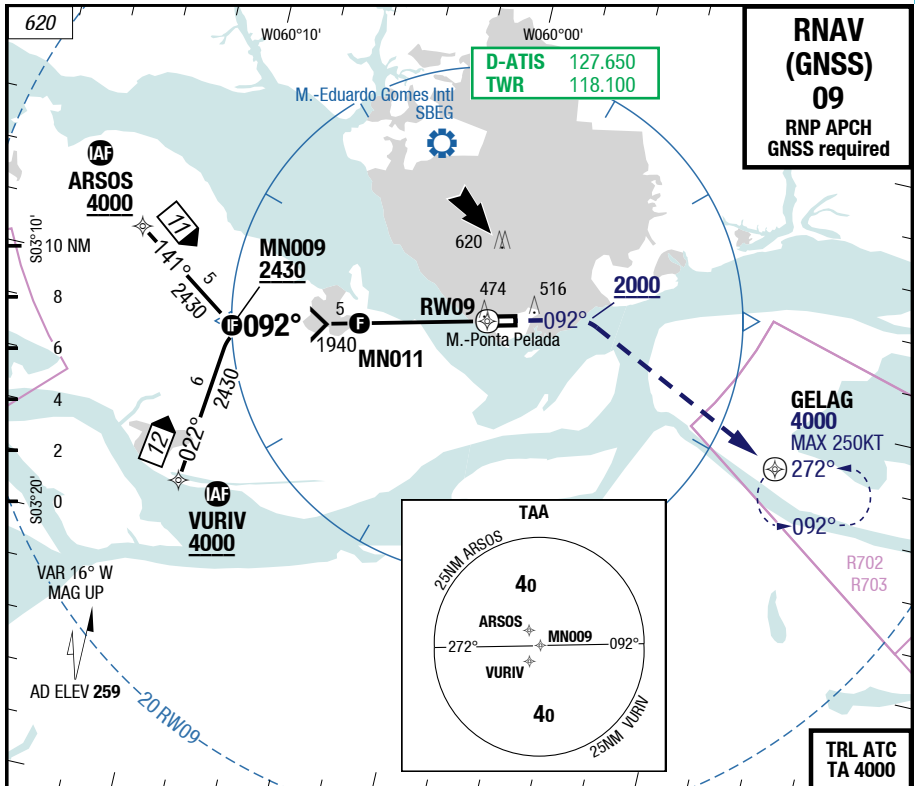
13-SEP-2018

PLL-SBMN

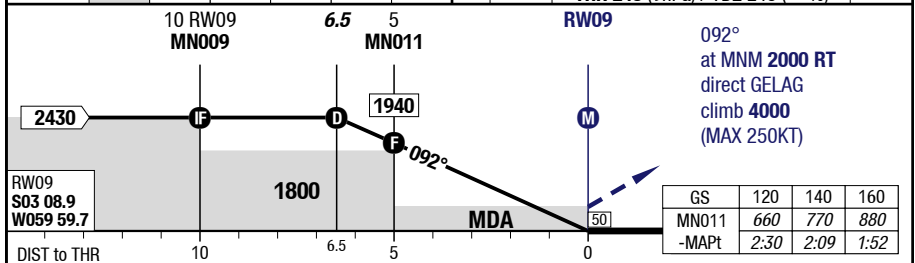
7-50

RNAV (GNSS) 09

IAC



3.10° RW09	6.5	6	4	3	2	09	83.2° 2042 x 45 60 L	THR 248 (9hPa) / TDZ 248 (---%) 0.0%
	2430	2280	1620	1290	960			



09		RNAV GNSS VNAV GA 4.0% 1) 2) 3)	RNAV GNSS LNAV GA 4.0%	Circling	
C	ft - m/km ft	C 500 - 1.9V 660	C 500 - 2.2V 720		Not authorized
D	ft - m/km ft	C 500 - 1.9V 660	C 500 - 2.2V 720		Not authorized

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: TDZE, OBST, Editorial

13-SEP-2018

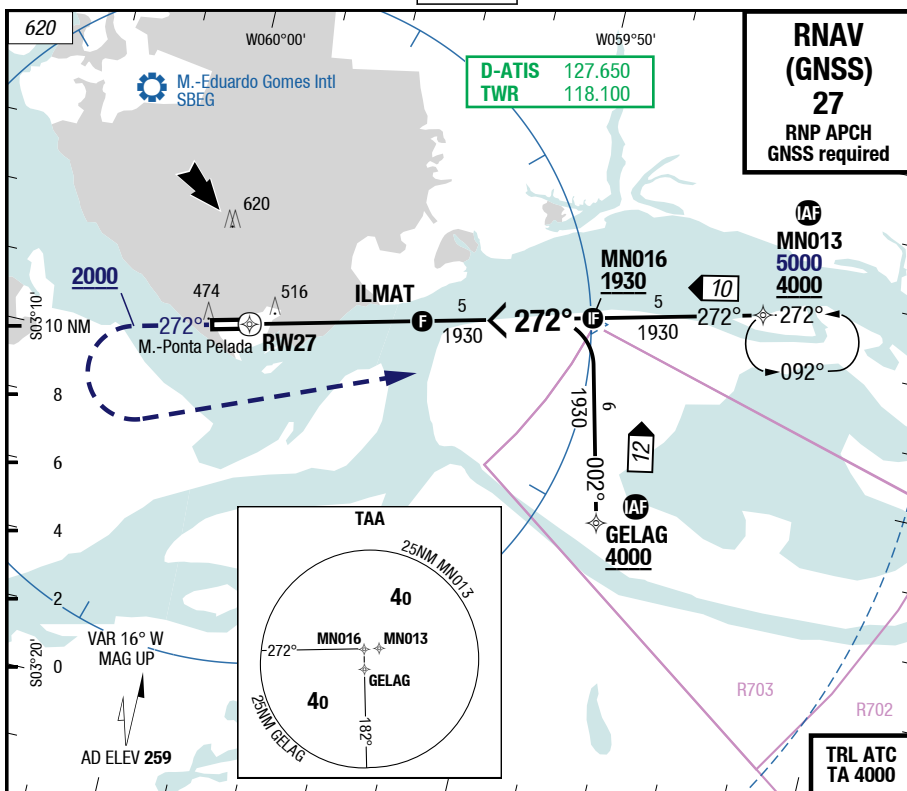
Brazil Manaus Ponta Pelada

IAC

PLL-SBMN

7-60

RNAV (GNSS) 27



27		RNAV GNSS VNAV 1) 2) 3)	RNAV GNSS LNAV	Circling	
C	ft - m/km ft	C 500 - 1.9V 660	C 500 - 1.9V 670		Not authorized
D	ft - m/km ft	C 500 - 1.9V 660	C 500 - 1.9V 670		Not authorized

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

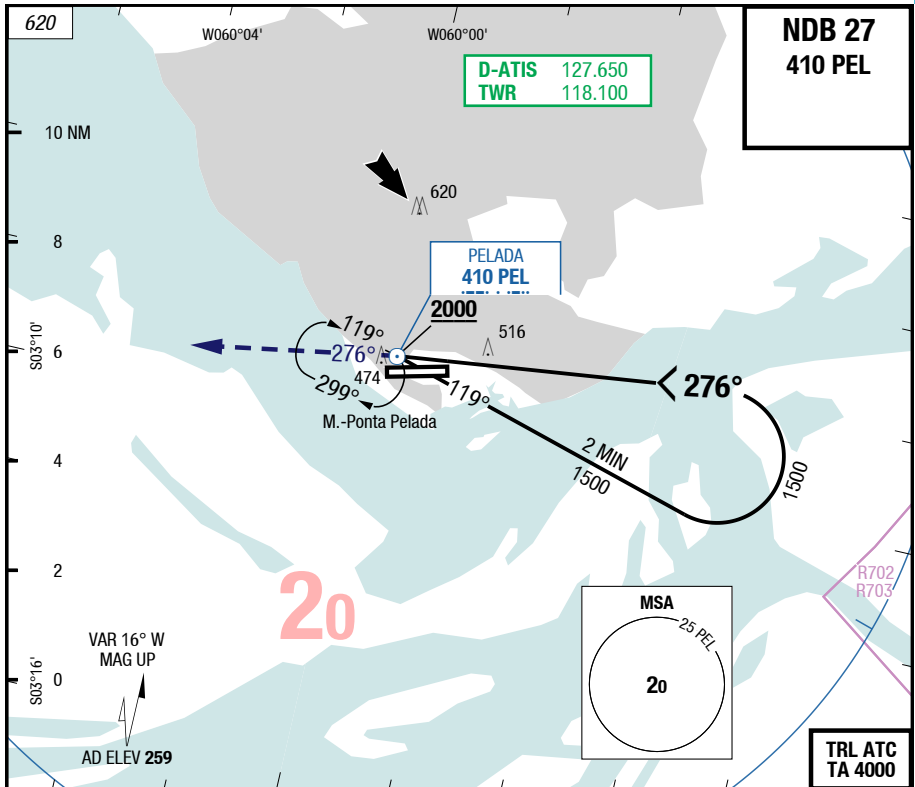
Changes: OBST, Editorial

NDB 09



3.00°				3.8	3	2	<div><div>09</div></div>	<div><div><div>8.32°</div><div>2042 x 45</div></div><div>60 L</div></div>
RW09 071°				1500	1280	960		<div>THR 248 (9hPa) / TDZ 248 (---%)</div> <div>0.0%</div>
<div><div>3.8 RW09</div><div>RW09</div></div> <div><div><div><div>1500</div><div>2 MIN</div><div>274°</div></div><div><div>1500</div><div>071°</div></div><div><div>2000</div><div>QDR 071 PEL</div><div>at MNM 2000 return to PEL</div><div>maintain 2000</div></div></div><div><div>MDA</div></div><div><div><div>GS</div><div>3.8 RW09</div><div>-MAPt</div></div><div><div>120</div><div>640</div><div>1:59</div></div><div><div>140</div><div>740</div><div>1:42</div></div><div><div>160</div><div>850</div><div>1:30</div></div></div></div>								
<div>DIST to THR</div> <div>3.7</div> <div>0</div>								
09		NDB						Circling S of AD only
C	ft - m/km ft	C 600 - 2.7V 830						C 700 - 2.7V 880
D	ft - m/km ft	C 600 - 2.8V 830						C 700 - 3.6V 960

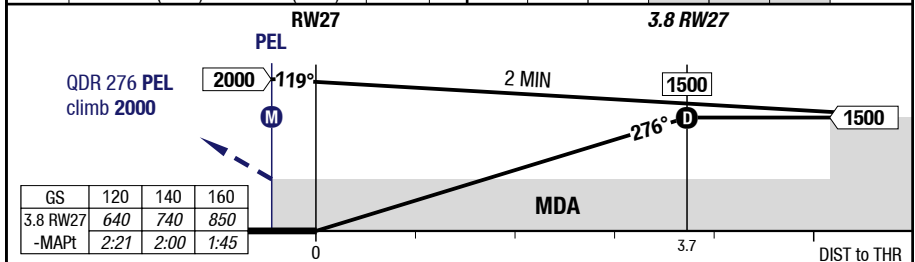
13-SEP-2018

PLL-SBMN**7-80****NDB 27**

60 L 45 x 1992
 VASI PSN unknown 3.0°
 0.0% TDZ --- (---%) / THR 250 (9hPa)

27

2	3	3.8					3.00°
950	1260	1500					RW27 276° RWY 272°



27	NDB					Circling S of AD only
C	ft - m/km ft	C 600 - 2.4V 830				C 700 - 2.4V 880
D	ft - m/km ft	C 600 - 2.8V 830				C 700 - 3.6V 960

03-MAY-2018
PLL-SBMN

Brazil **Manaus** Ponta Pelada


MRC

MRC

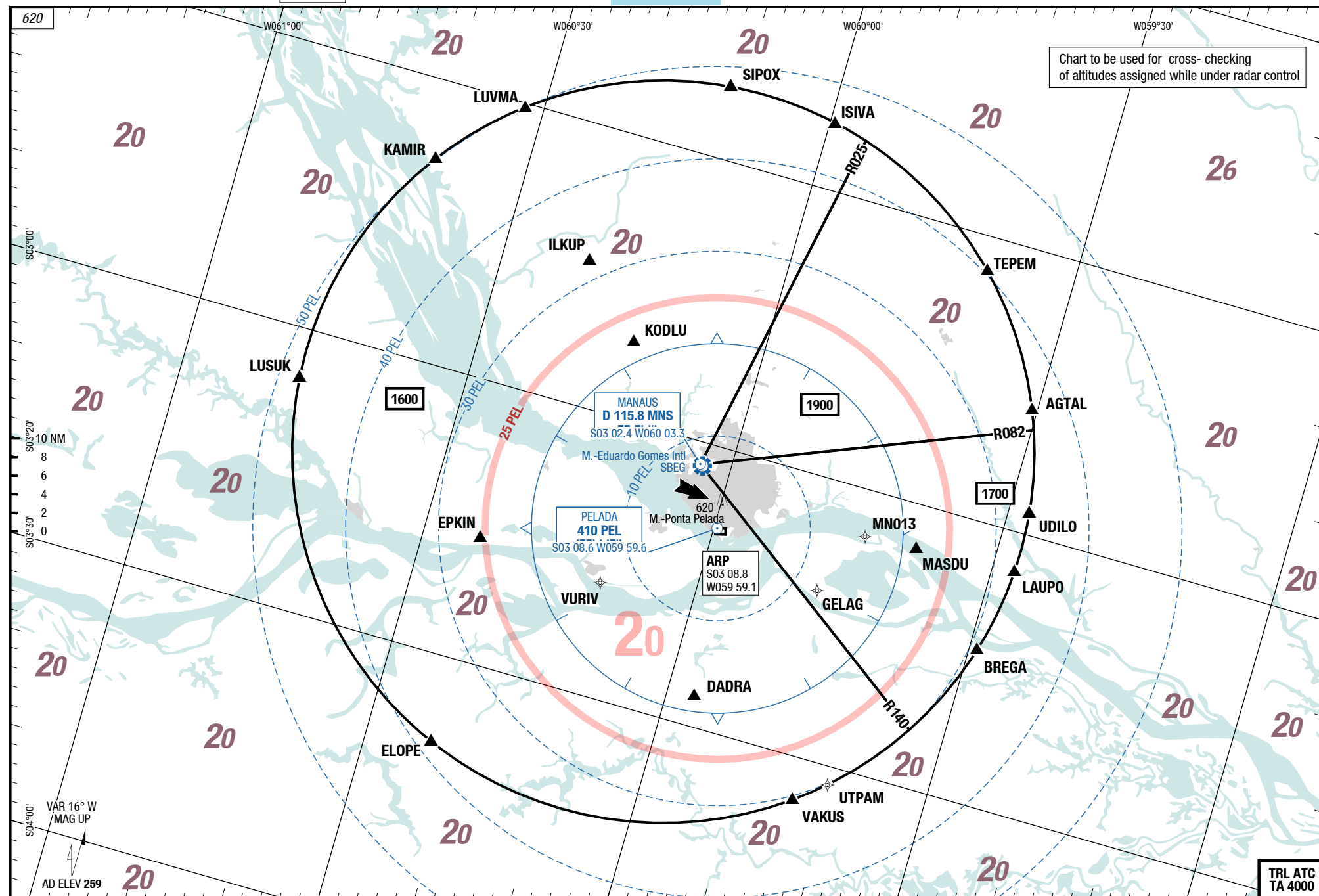
MRC

Ponta Pelada **Manaus** Brazil


MRC

8-10

Chart to be used for cross-checking
of altitudes assigned while under radar control



Changes: new

TRL ATC
TA 4000

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