

GENERAL**Operational Hours****ATS Hours:** H24**Airport Information****RFF:** CAT 9**PCN:** RWY 03L/21R: 74/F/C/W/U

RWY 03R/21L: 140/R/C/X/U

Operation**Taxi/Parking**

Follow-me O/R via TWR.

Follow-me mandatory for Code F ACFT.

During taxi to/from parking PSN strictly follow TWY guidelines.

Do not run ENG's at PAX APN.

Noise Abatement Procedures

Do not overfly the city and coastline below 5000ft (area between R340 and R025 TBG VOR, DIST 20NM).

Between 0100-1100 overflying of city is prohibited at any ALT, except if TFC situation or MET COND require it (MNM ALT 5000ft).

Warnings**TUM DVOR/DME** unusable:

R140 beyond 12NM below 3000ft.

R315-R039 beyond 18NM below 12000ft.

High terrain to the North and West of AD.

Birds in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft within TMA.

Communication**COM Failure**

If no transmission is received for 1min while being vectored to final, 15sec while on ASR final APCH, attempt contact TWR and proceed VMC if unable, proceed with IAP assigned by ATC.

Arrival Procedure**VFR Traffic Pattern:** RWY 03L and 03R right-hand circuit**Non-standard GP intercept position on RWY 03R**

GP intercepts RWY 03R at 343m / 1126ft after landing threshold.

Remaining LDG DIST beyond GP is 2707m / 8881ft.

DEPARTURE**Take-off Minima**

RWY		03R	
2 ENG	ft - m/km	c400 - 1.6R/1.6V	-
≥ 3 ENG		c400 - 800R/800V	-
All ACFT		SID RNAV RNP	
		c300 - 2.0V	MNM climb gradient 6.4% up to 400
RWY		21R, 21L	
2 ENG	ft - m/km	c400 - 1.6V	-
≥ 3 ENG		c400 - 800V	-
RWY		03L	
2 ENG	ft - m/km	c400 - 1.6V	-
≥ 3 ENG		c400 - 800V	-
All ACFT		SID RNAV RNP	
		c700 - 4.0V	MNM climb gradient 6.3% up to 900

Speed

MAX IAS 250KT below 10000ft.

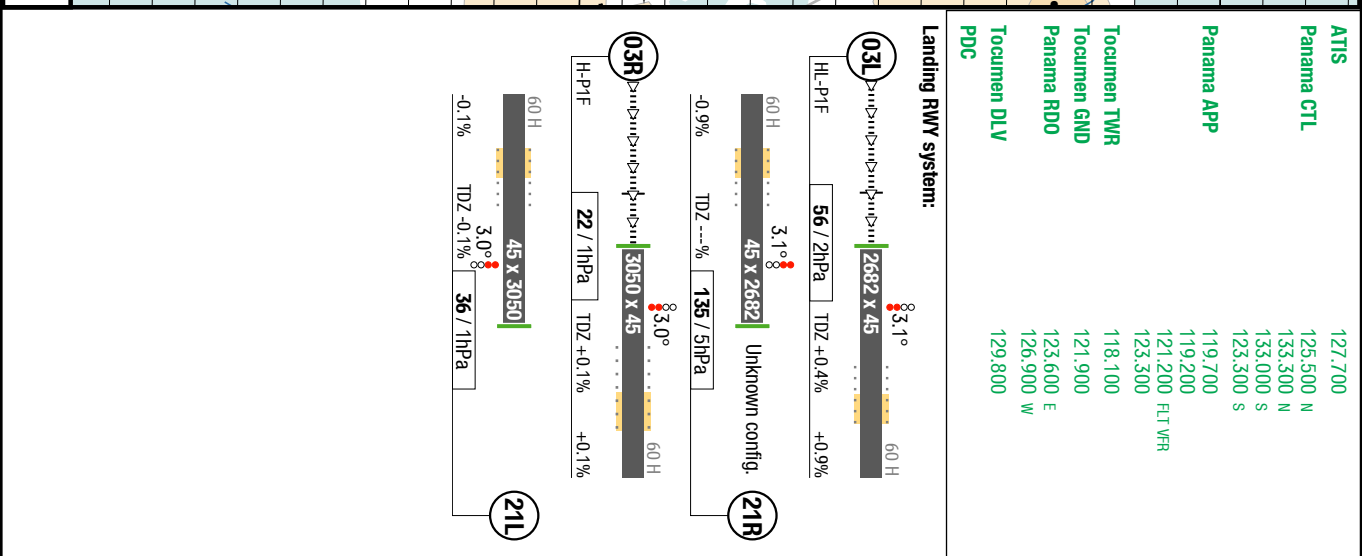
Departure Procedure**Start-up/Push-back**

Contact GND for start-up/taxi CLR.

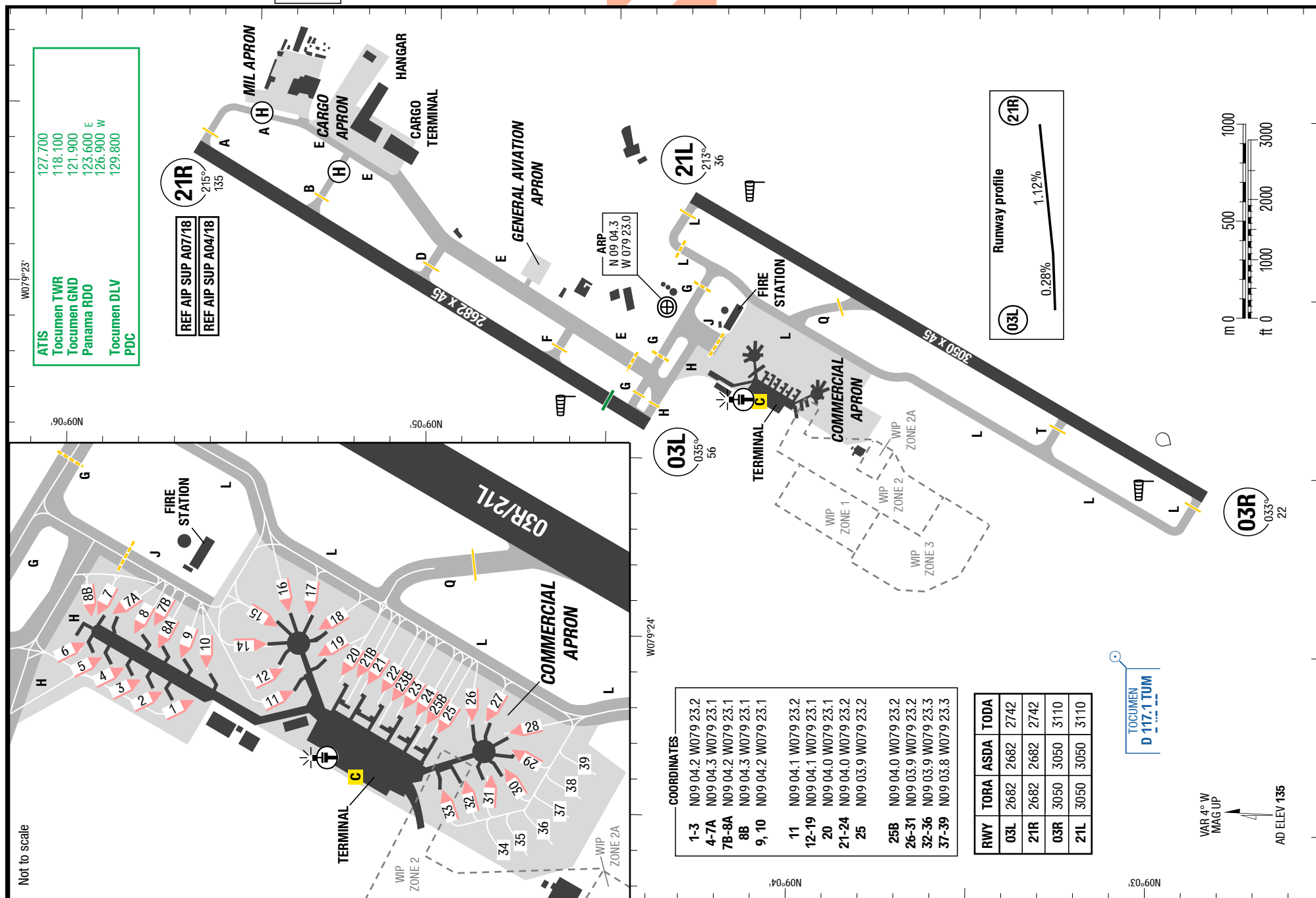
It is prohibited to use own PWR for push-back from parking PSNs at PAX APN.

ACFT departing from Satellite "B" parking PSN 17 avoid ENG blasts towards the MET Observatory.

Tocumen Intl **Panama City** Panama
 **AFC**







09-MAR-2017

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RNAV SIDs RWY 03R

4-10

RNAV SIDs RWY 03L

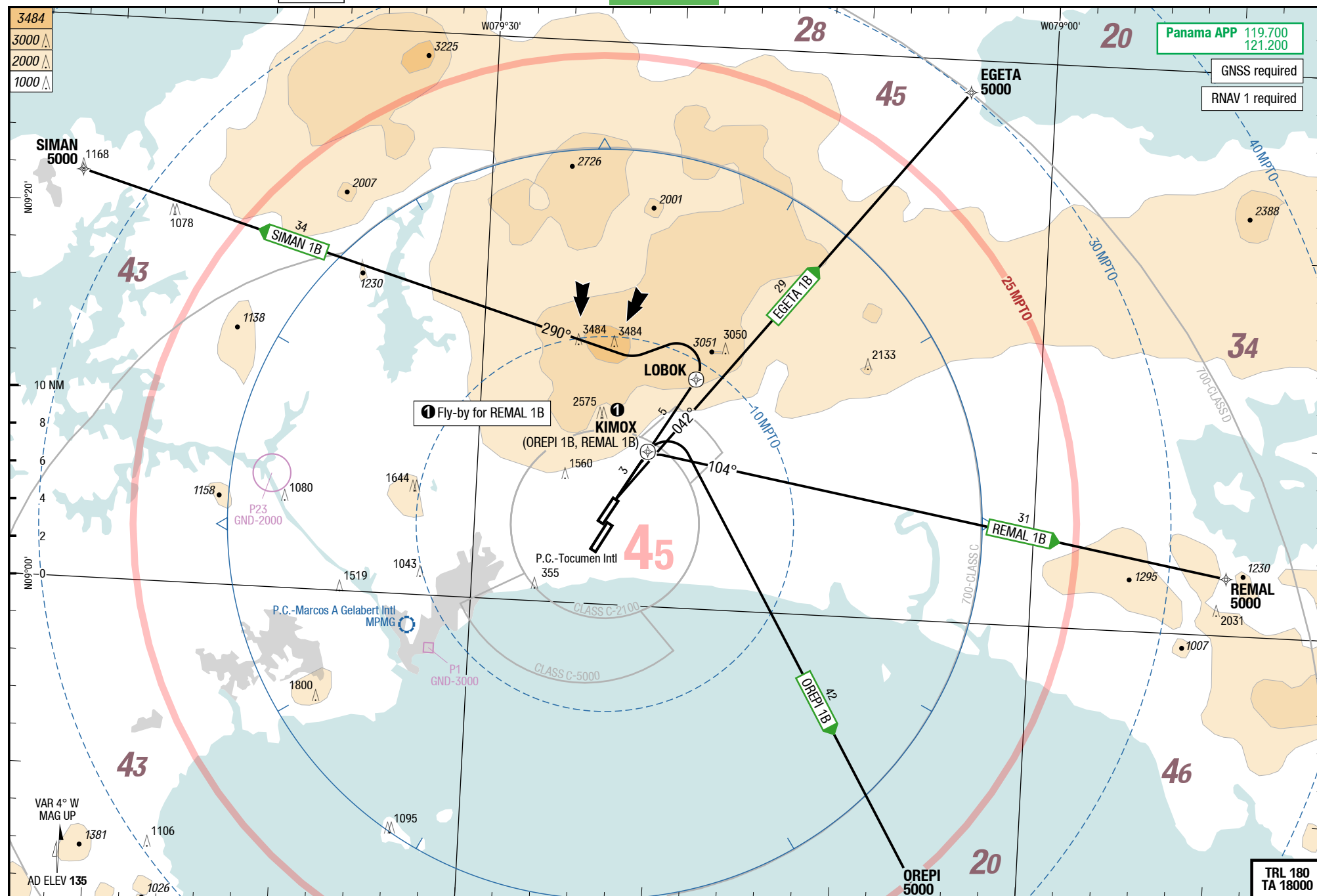
SID

SID

Tocumen Intl Panama City Panama

RNAV SIDs RWY 03R

RNAV SIDs RWY 03L



Changes: MGA, OBST, Note, Editorial

PTY-MPTO

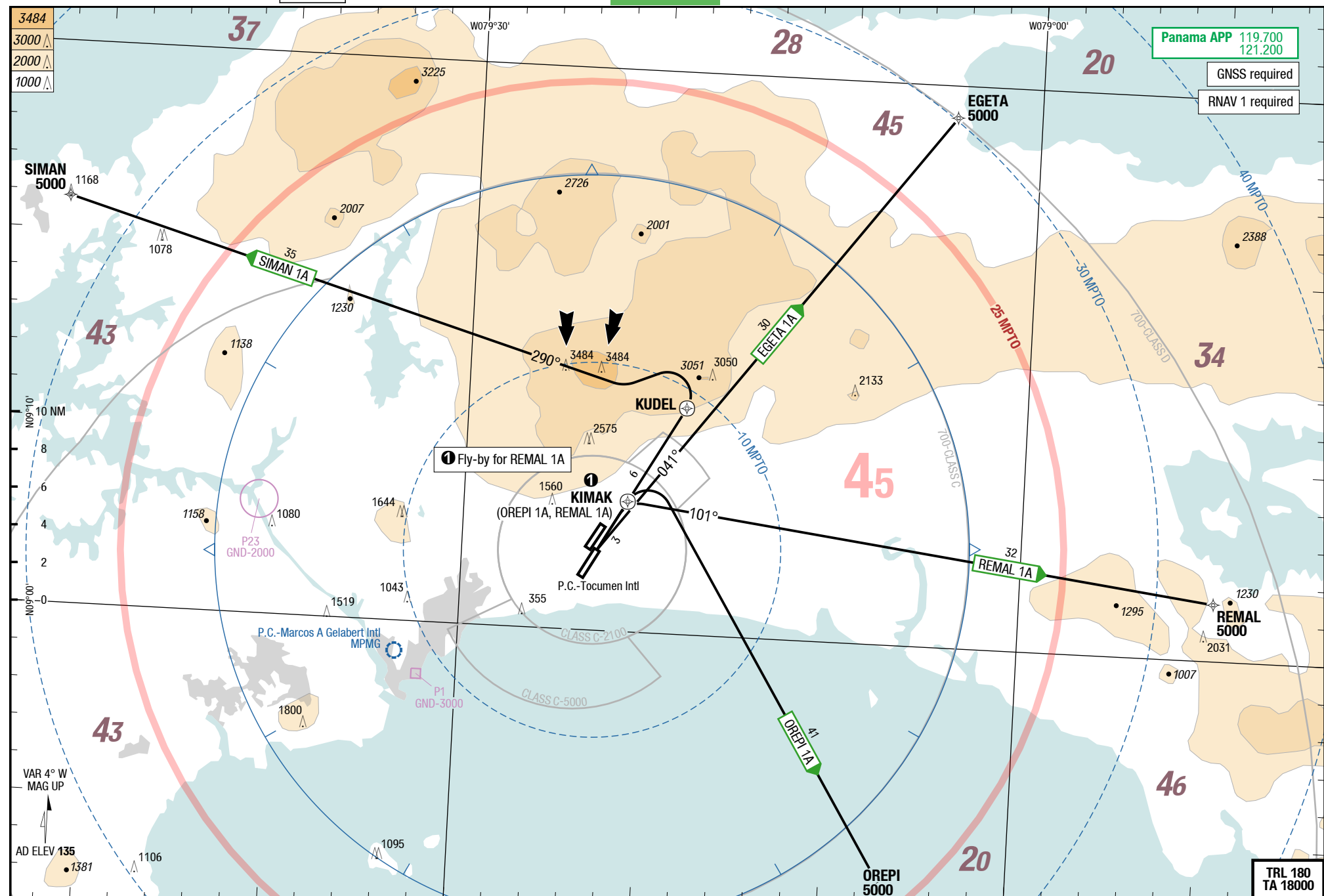
4-20

RNAV SIDs RWY 03R

SID

SID

RNAV SIDs RWY 03R



Changes: MGA, Note, OBST, Editorial

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09-MAR-2017

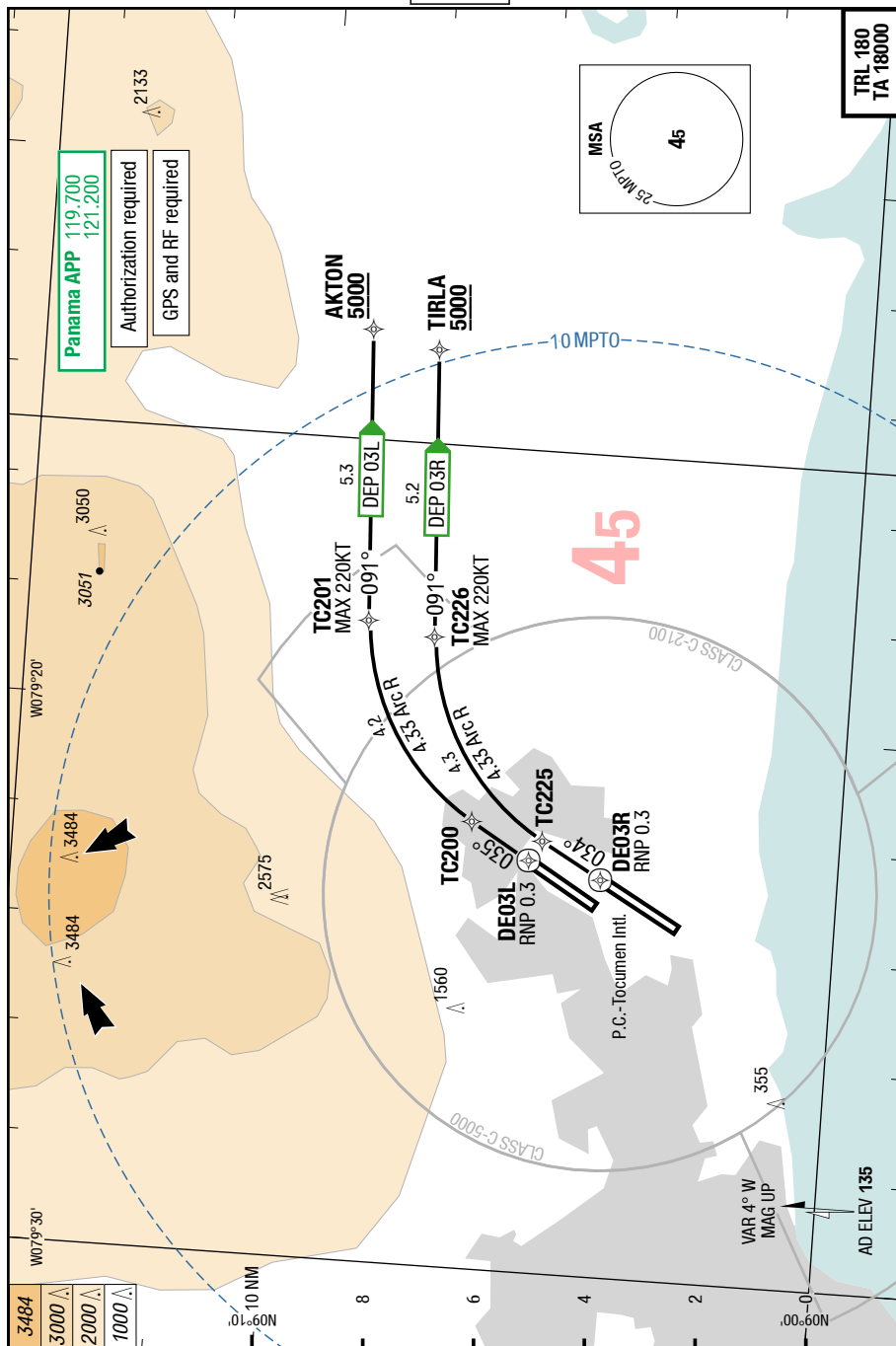
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Panama Panama City Tocumen Intl

4-30

RNAV (RNP) SIDs RWYs 03L/R

SID



Changes: OBST, Editorial

09-MAR-2017

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5-10

RNAV SIDs RWY 03L

SIDPT

EGETA 1B / OREPI 1B / REMAL 1B / SIMAN 1B

RWY 03L (035°)

	GS	120	150	180	210	240	270
4.9%	ft/MIN	600	800	900	1100	1200	1400
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
	Runway 03L	
EGETA 1B 4.9% to 2100 119.700 ①②	EGETA	EGETA at 5000
OREPI 1B 4.9% to 2100 119.700 ①②	<u>KIMOX</u> - OREPI	OREPI at 5000
REMAL 1B 4.9% to 2100 119.700 ①②	<u>KIMOX</u> - REMAL	REMAL at 5000
SIMAN 1B 7.0% to 3900 119.700 ①②	<u>LOBOK</u> - SIMAN	SIMAN at 5000

① Maintain 5000ft AMSL until advised by ATC.

② Alternative: Maintain climb in VMC to 4000ft AMSL.

Changes: Editorial

09-MAR-2017

Panama **Panama City** Tocumen Intl**PTY-MPTO****5-20****RNAV SIDs RWY 03R****SIDPT****EGETA 1A / OREPI 1A / REMAL 1A / SIMAN 1A**

RWY 03R (033°)

	GS	120	150	180	210	240	270
4.4%	ft/MIN	600	700	900	1000	1100	1300
6.3%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	Runway 03R	
EGETA 1A 4.4% to 2100 119.700 ①②	EGETA	EGETA at 5000
OREPI 1A 4.4% to 2100 119.700 ①②	<u>KIMAK</u> - OREPI	OREPI at 5000
REMAL 1A 4.4% to 2100 119.700 ①②	<u>KIMAK</u> - REMAL	REMAL at 5000
SIMAN 1A 6.3% to 3900 119.700 ①②	<u>KUDEL</u> - SIMAN	SIMAN at 5000

① Maintain 5000ft AMSL until advised by ATC.

② Alternative: Maintain climb in VMC to 4000ft AMSL.

Changes: Editorial

DEP 03L / DEP 03R

RWYs 03L (035°) / 03R (033°)

	GS	120	150	180	210	240	270
5.3%	ft/MIN	700	900	1000	1200	1300	1500
5.5%	ft/MIN	700	900	1100	1200	1400	1600
6.3%	ft/MIN	800	1000	1200	1400	1600	1800
6.4%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	Runway 03L	
DEP 03L 6.3% to 900 5.5% to AKTON 119.700	DE03L - TC200 [R] - TC201 [K220-] - AKTON	AKTON MNM 5000
	Runway 03R	
DEP 03R 6.4% to 400 5.3% to TIRLA 119.700	DE03R - TC225 [R] - TC226 [K220-] - TIRLA	TIRLA MNM 5000

PTY-MPTO

NIL

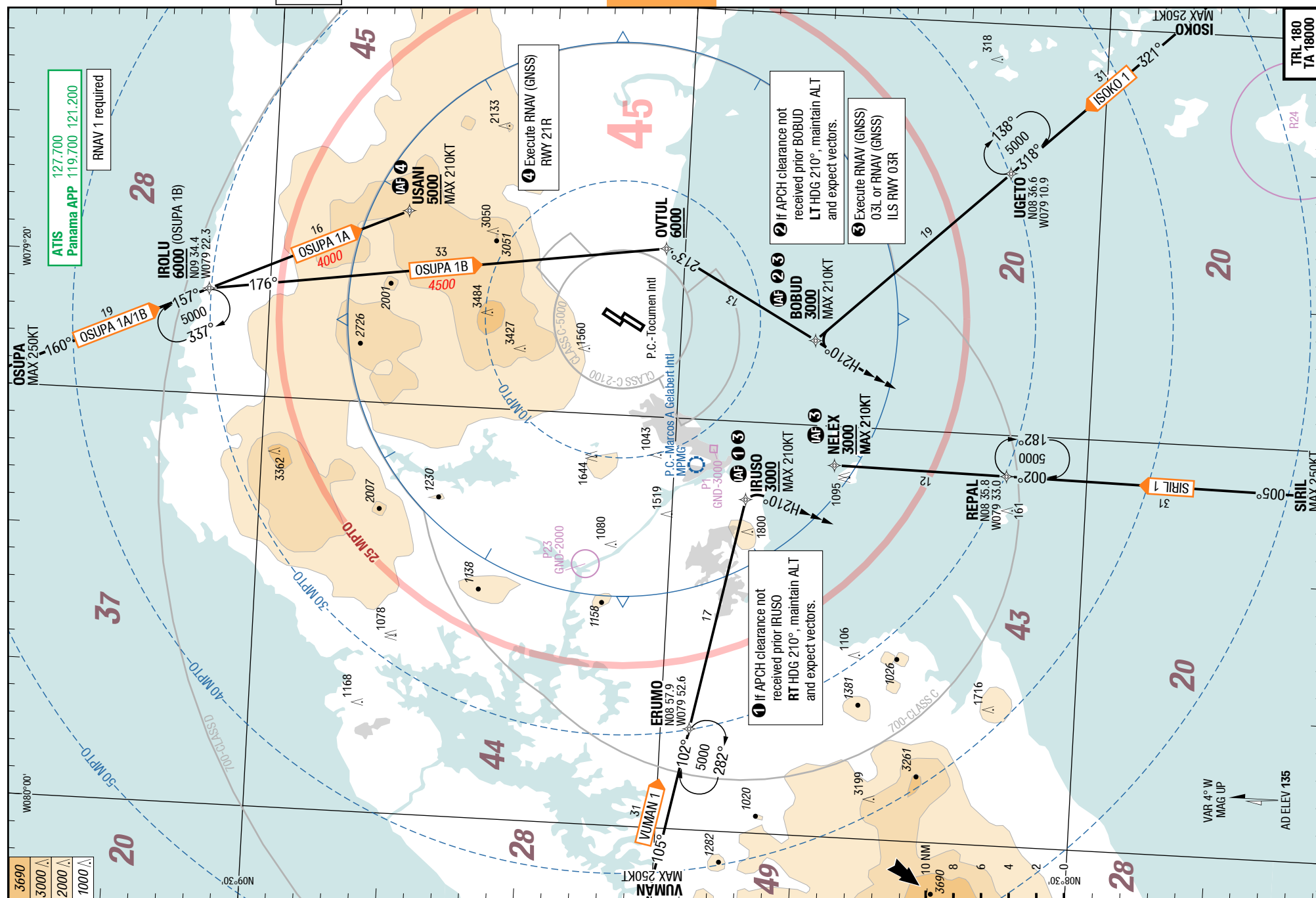
RNAV STARs

STAR

STAR

NIL

RNAV STARs



Changes: ASP, MGA, Track, OBST, VAR

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22-FEB-2018

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NIL

6-30

RNAV (RNP) STARs

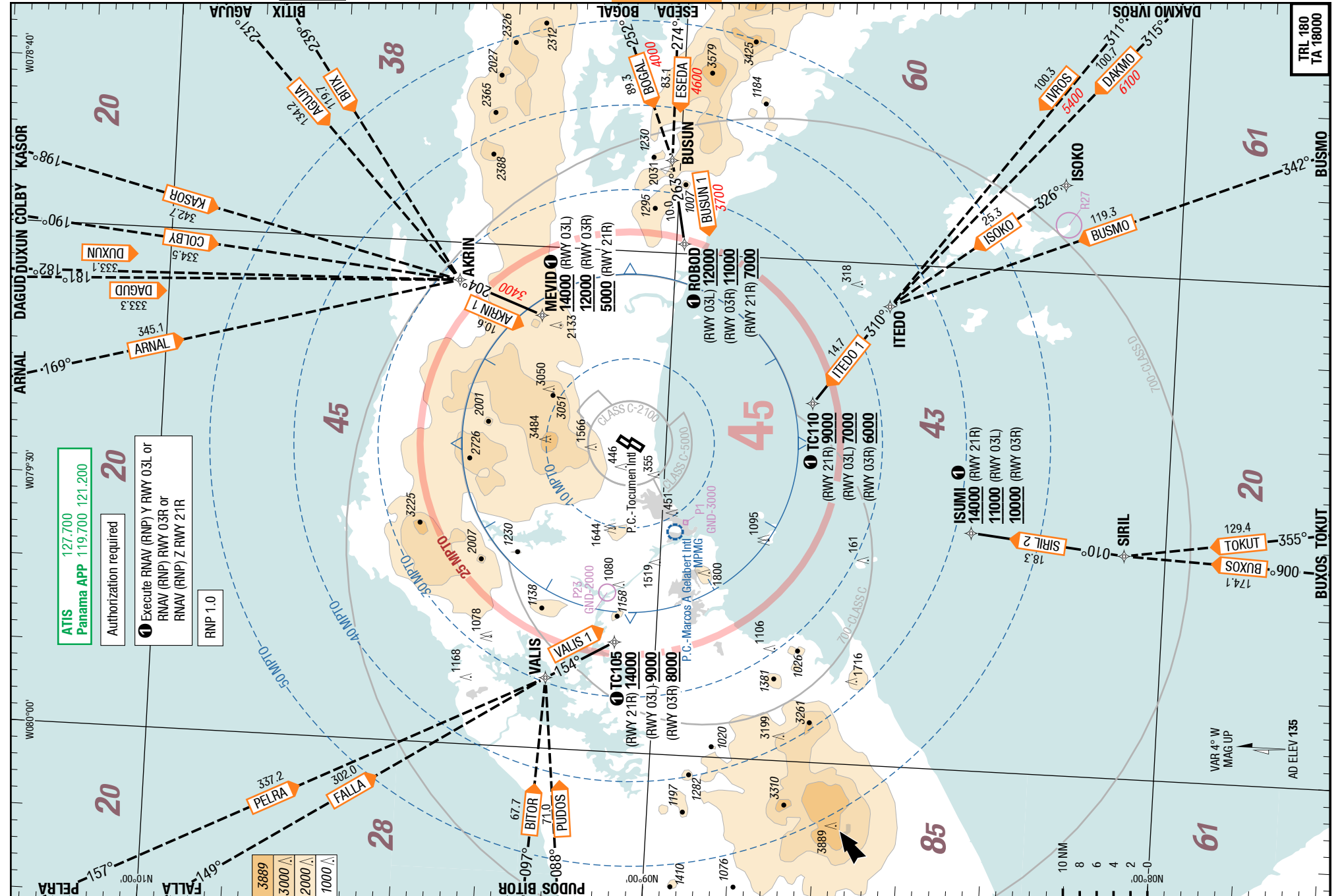
STAR

STAR

Tocumen Intl Panama City Panama

NIL

RNAV (RNP) STARs



Changes: ALT, ASP, SUAs, OBST, Editorial

RNAV Transitions to ILS 03R



Changes: Nil

22-FEB-2018

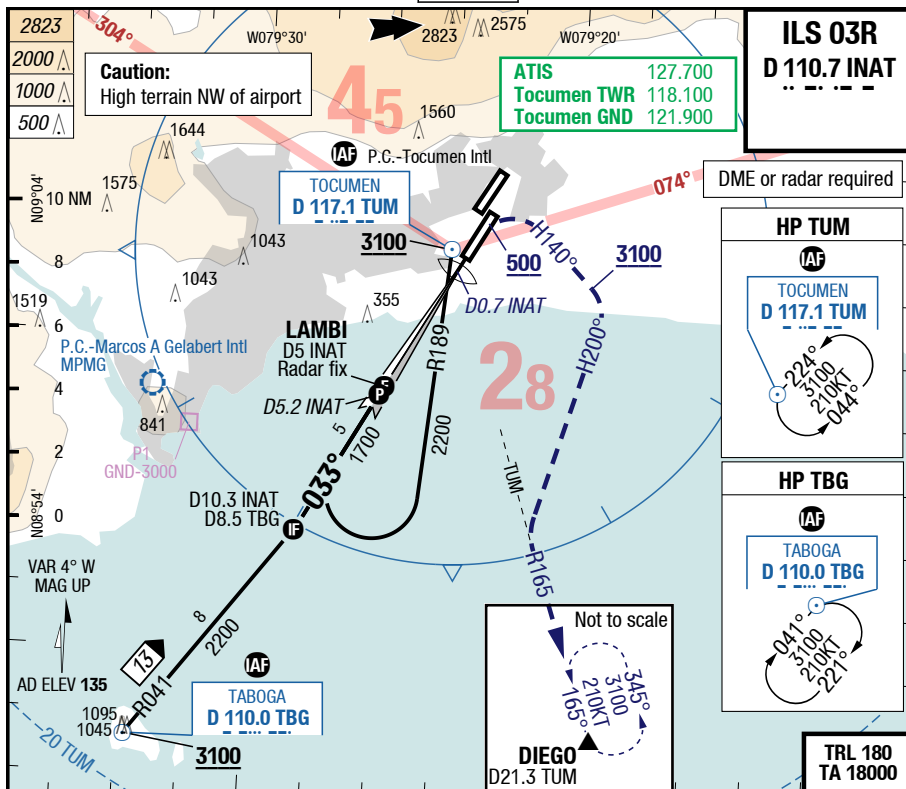
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7-20

ILS 03R



03R		Cat 1 DME	LOC DME	LOC DME APL U/S	Circling ¹⁾	
C	ft - m/km ft	C 200 - 800V 230	C 300 - 800V 360	C 300 - 1.6V 360	C 700 - 3.2V 740	
D	ft - m/km ft	C 200 - 800V 230	C 300 - 1.2V 360	C 300 - 1.6V 360	C 800 - 4.0V 860	

1) SE of RWY 03L/21R only

Changes: MIN

22-FEB-2018
PTY-MPT0

Panama **Panama City** Tocumen Intl

RNAV (RNP) 0.3R

IAC

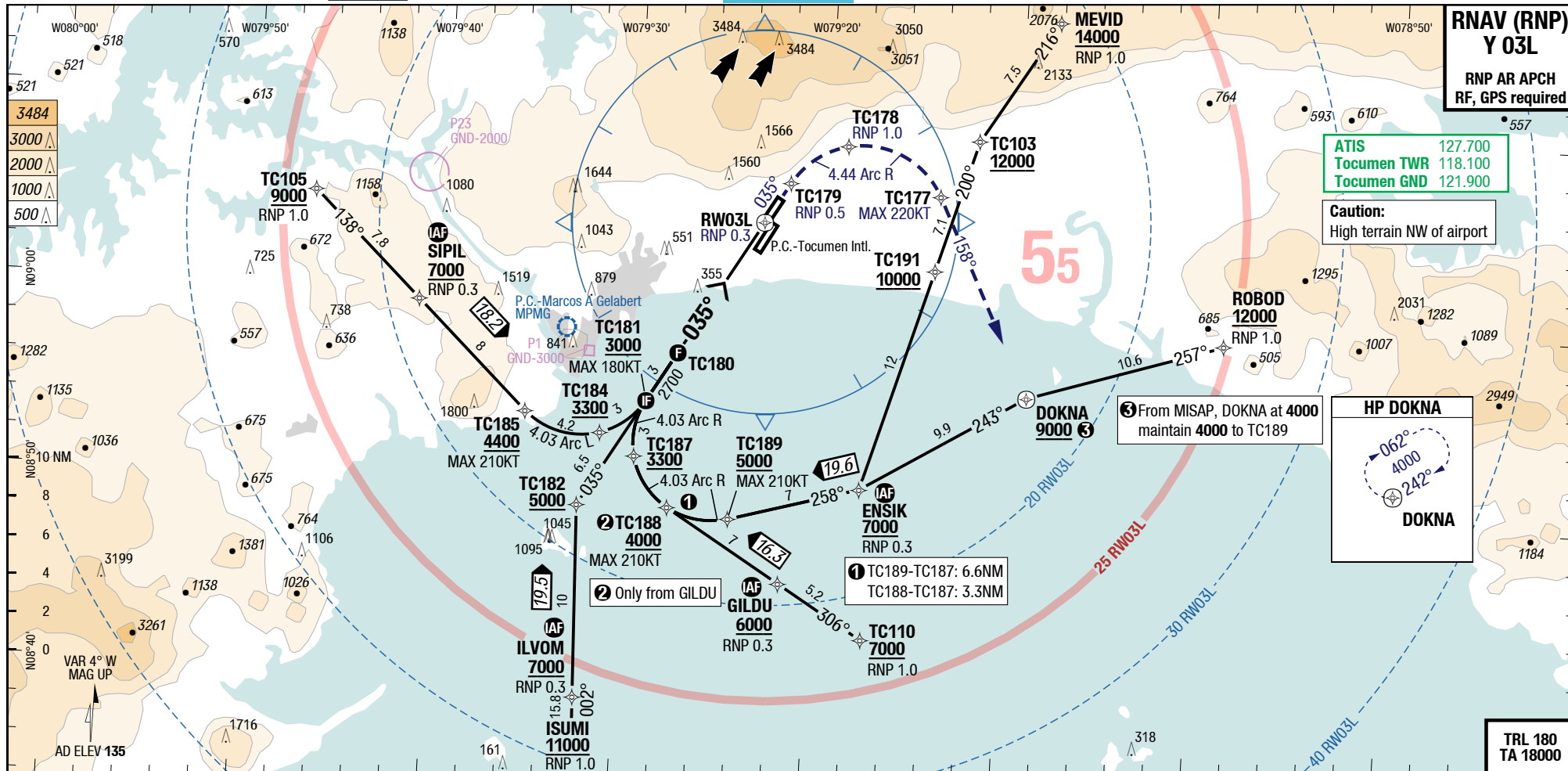
Tocumen Intl **Panama City** Panama

RNAV (RNP) 0.3R

RNAV (RNP) Y 03L

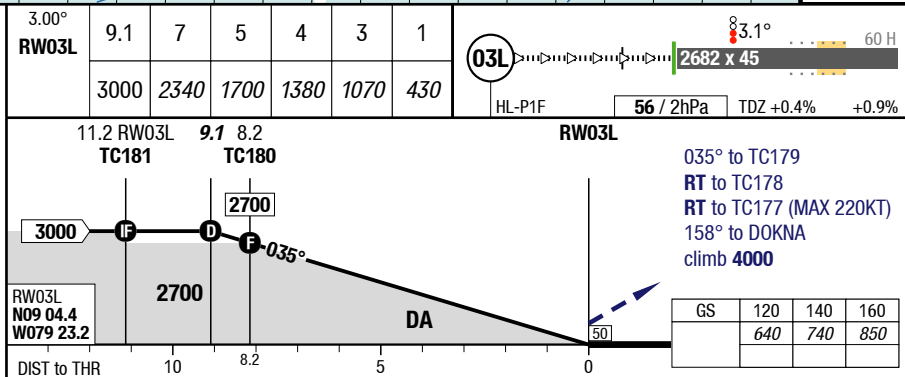
7-30

RNAV (RNP) Y 03L



03L		RNAV RNP 0.15 VNAV 1) 2)	RNAV RNP 0.15 VNAV APL U/S 1) 3)	RNAV RNP 0.30 VNAV 1) 4)	RNAV RNP 0.30 VNAV APL U/S 1) 5)		Circling
C	ft - m/km ft	360 - 1.2V 430	360 - 2.0V 430	400 - 1.6V 470	400 - 2.4V 470		Not published
D	ft - m/km ft	360 - 1.2V 430	360 - 2.0V 430	400 - 1.6V 470	400 - 2.4V 470		Not published

1) Uncompensated BARO VNAV NA below 1°C (34°F) or above 49°C (120°F) 2) With EVS VIS 800m, wo EVS use STD 3) With EVS VIS 1.3km, wo EVS use STD 4) With EVS VIS 1.1km, wo EVS use STD 5) With EVS VIS 1.6km, wo EVS use STD



Changes: OBST, Editorial

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22-FEB-2018
PTY-MPT0

Panama **Panama City** Tocumen Intl

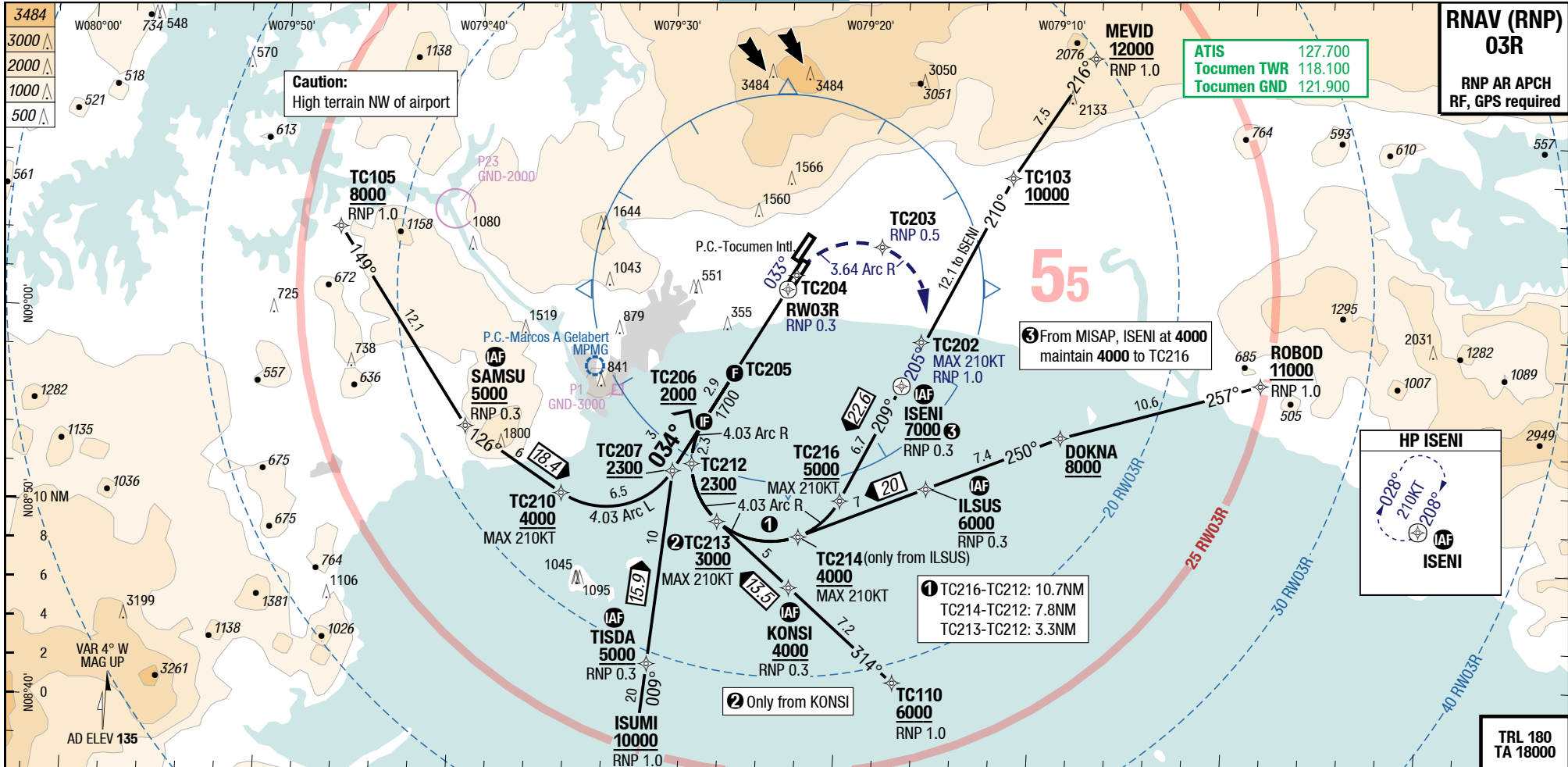
IAC

Tocumen Intl **Panama City** Panama

RNAV (RNP) 03R

7-40

RNAV (RNP) 03R



03R		RNAV RNP 0.15 VNAV 1)	RNAV RNP 0.30 VNAV 1) 2)	RNAV RNP 0.30 VNAV APL U/S 1) 3)		Circling
C	ft - m/km ft	250 - 800V 280	340 - 1.2V 360	340 - 1.6V 360		Not published
D	ft - m/km ft	250 - 800V 280	340 - 1.2V 360	340 - 1.6V 360		Not published

1) Uncompensated BARO VNAV NA below 0°C (32°F) or above 48°C (118°F) 2) With EVS VIS 800m, wo EVS use STD 3) With EVS VIS 1.1km, wo EVS use STD

3.00°

RW03R

034°

RWY 033°

6.1

5

4

3

2

1

2000

1670

1350

1030

710

390

03R

H-P1F

22 / 1hPa

TDZ +0.1%

+0.1%

3.0°

60 H

3050 x 45

8 RW03R

TC206

6.1

5.1

TC205

RW03R

2000

IF

D

1700

F 034°

DA

50

RW03R

N09 02.9

W079 23.6

1700

5.15

0

033° to TC204

RT to TC203

RT to TC202 (MAX 210KT)

205° to ISENI

climb 4000

GS	120	140	160
	640	740	850

DIST to THR

Changes: OBST, Editorial

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22-FEB-2018
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NIL

7-50

RNAV (RNP) Z 21R

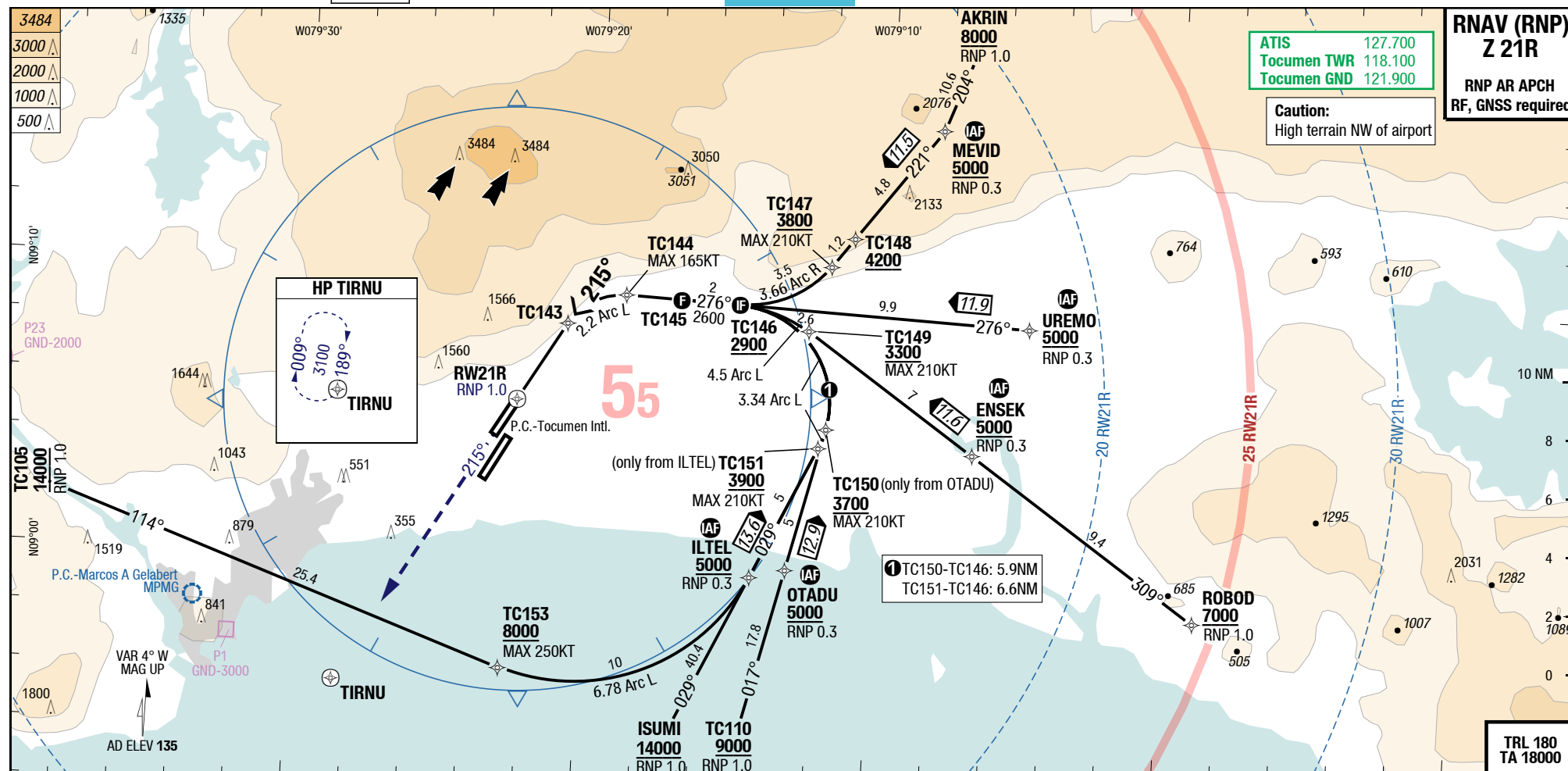
IAC

IAC

Tocumen Intl Panama City Panama

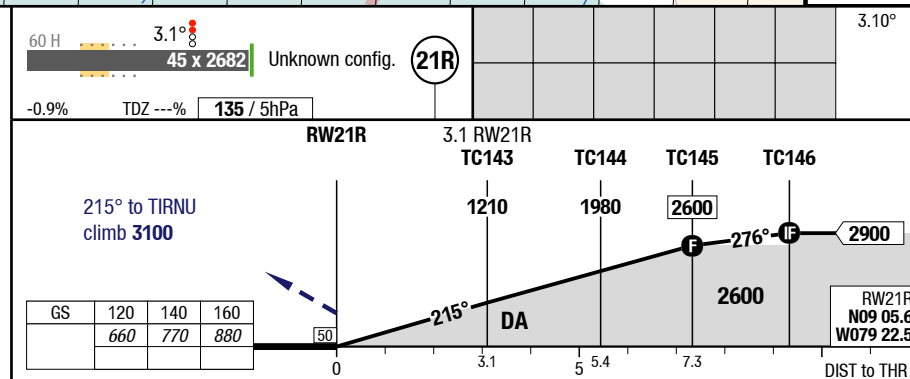
NIL

RNAV (RNP) Z 21R



21R		RNAV	RNAV	RNAV	Circling
		RNP 0.10 VNAV 1) 2)	RNP 0.15 VNAV 1) 3)	RNP 0.30 VNAV 1) 4)	
C	ft - m/km ft	250 - 1.3V 390	320 - 1.6V 460	820 - 4.4V 950	Not published
D	ft - m/km ft	250 - 1.3V 390	320 - 1.6V 460	820 - 4.4V 950	Not published

1) Uncompensated BARO VNAV NA below 0°C (32°F) or above 39°C (102°F) 2) With EVS VIS 900m, wo EVS use STD 3) With EVS VIS 1.1km, wo EVS use STD 4) With EVS VIS 2.9km, wo EVS use STD



Changes: OBST, Editorial

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RNAV (GNSS) 03L



03L 3.1° 60 H 2682 x 45 56 / 2hPa IDZ +0.4% +0.9%



03L		RNAV GNSS VNAV 1)	RNAV GNSS VNAV APL U/S 1) 2)	RNAV GNSS LNAV	RNAV GNSS LNAV APL U/S	Circling
C	ft - m/km ft	330 - 1.2V 400 3)	330 - 2.0V 400	320 - 800V 390	320 - 1.6V 390	Not authorized
D	ft - m/km ft	330 - 1.6V 400 4)	330 - 2.0V 400	320 - 1.2V 390	320 - 2.0V 390	Not authorized

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Changes: DIST ALT table, Profile

09-NOV-2017

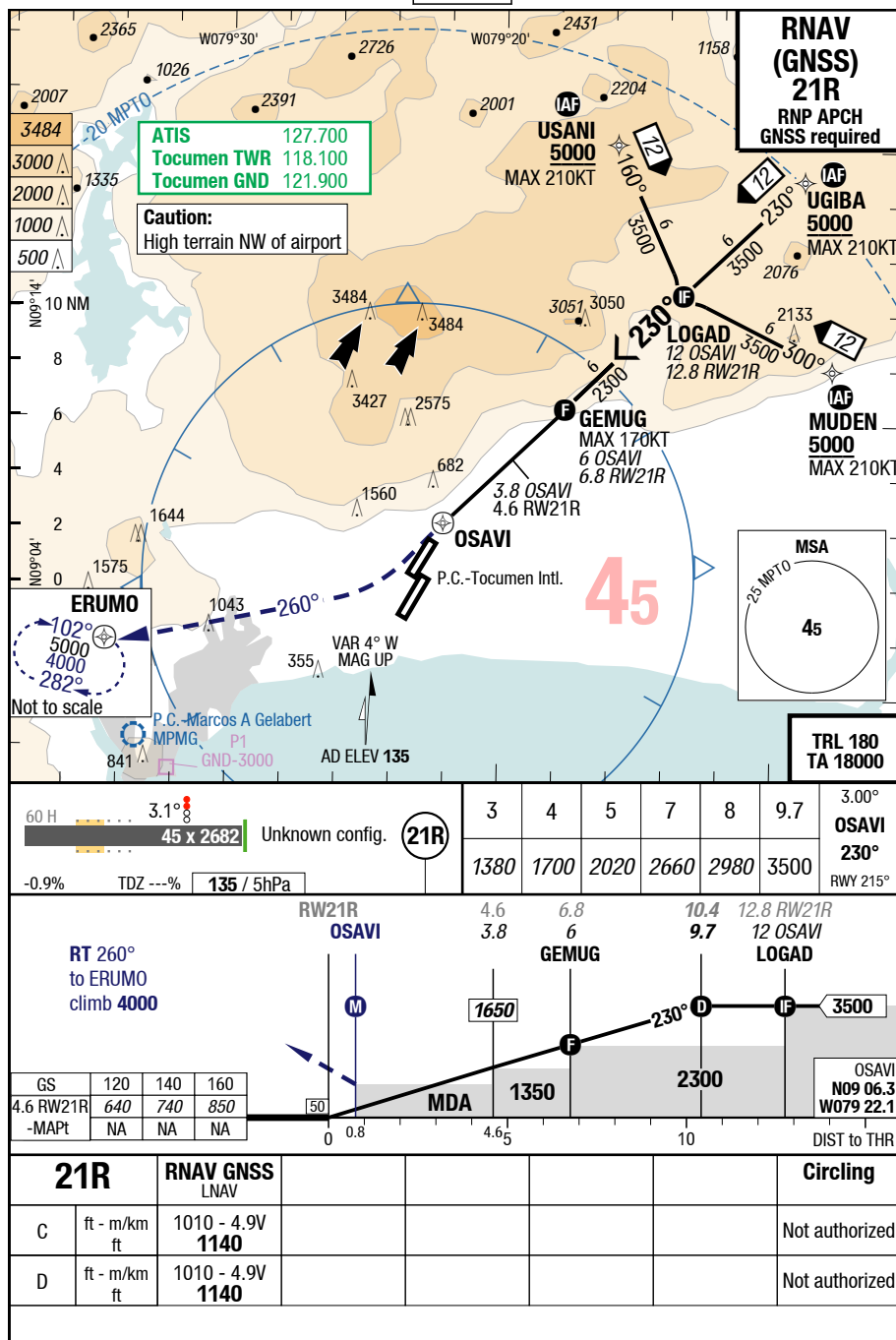
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7-80

RNAV (GNSS) 21R

IAC



Changes: Profile, DIST

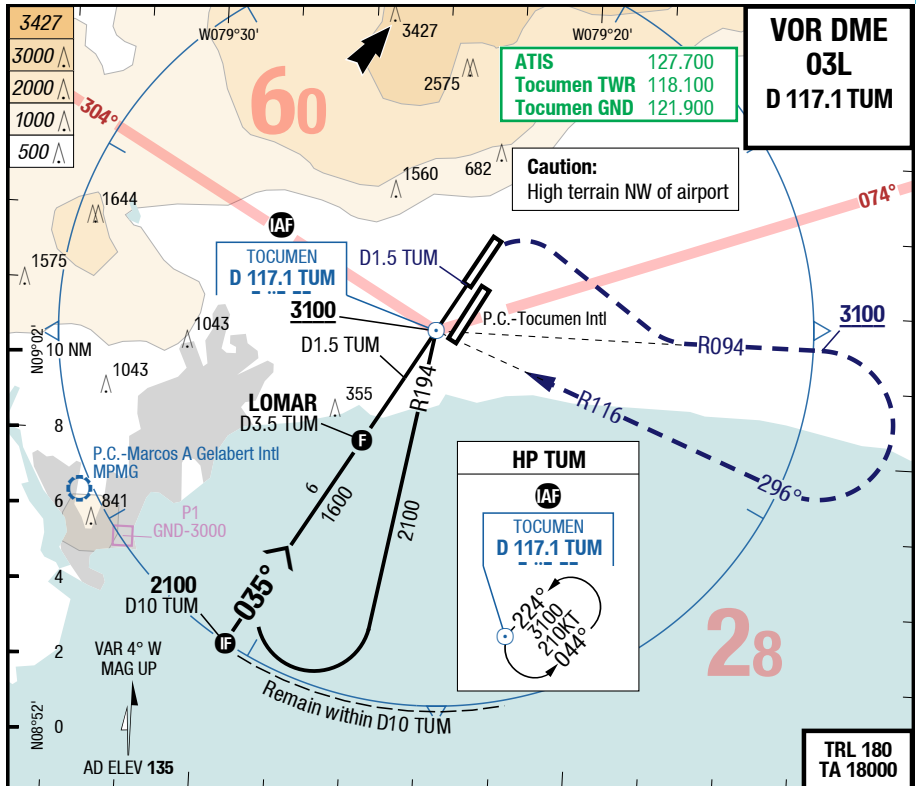
20-JUL-2017
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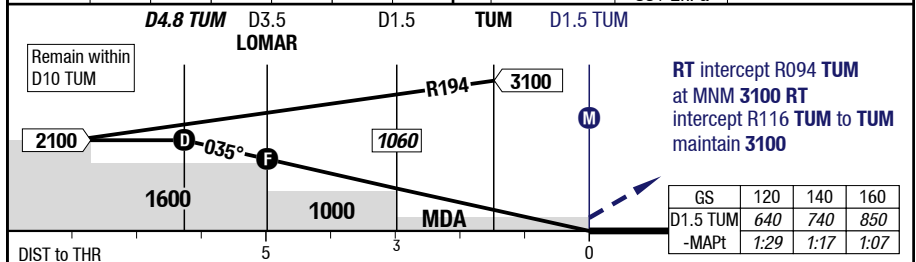
IAC

7-90

VOR DME 03L



3.00° D TUM	4.8	4	3	2	1	TUM	03L	2682 x 45	60 H	HL-P1F	56 / 2hPa	TDZ +0.4%	+0.9%
	2100	1850	1540	1220	900	580							



03L	VOR DME	VOR DME APL U/S				Circling 1)
C	ft - m/km ft	C 300 - 1.6V 420	C 300 - 1.9V 420			C 700 - 3.2V 740
D	ft - m/km ft	C 300 - 1.6V 420	C 300 - 1.9V 420			C 800 - 4.0V 860

1) SE of RWY 03L/21R only

Changes: FREQ, OBST, Editorial

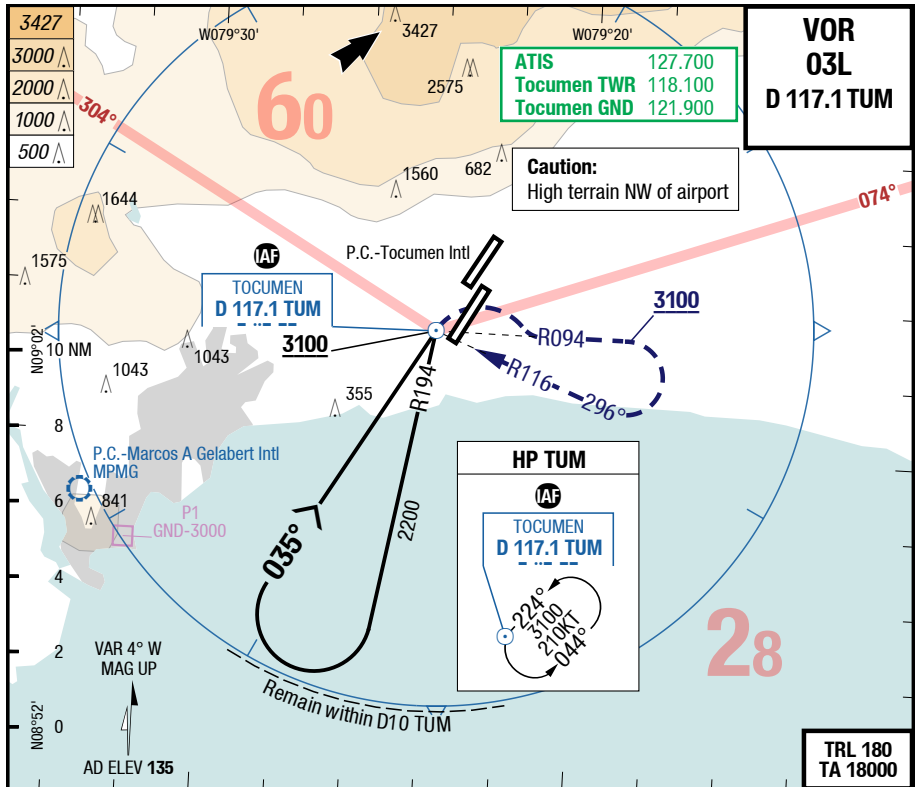
20-JUL-2017
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7-100

VOR 03L



1) SE of RWY 03L/21R only

Changes: FREQ, OBST, Editorial

20-JUL-2017

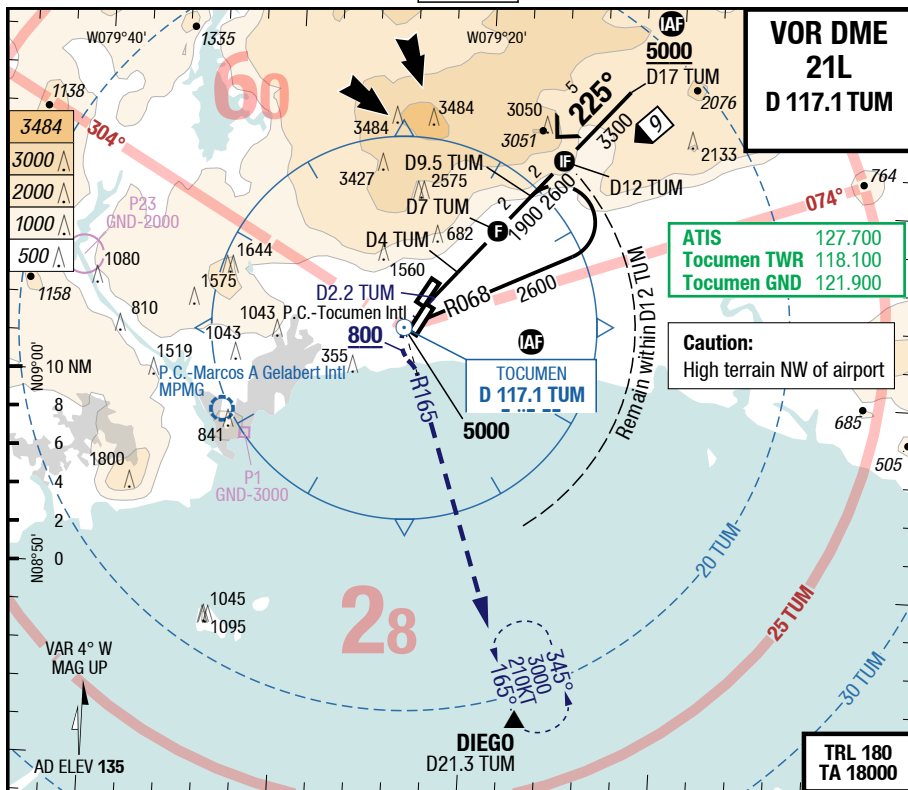
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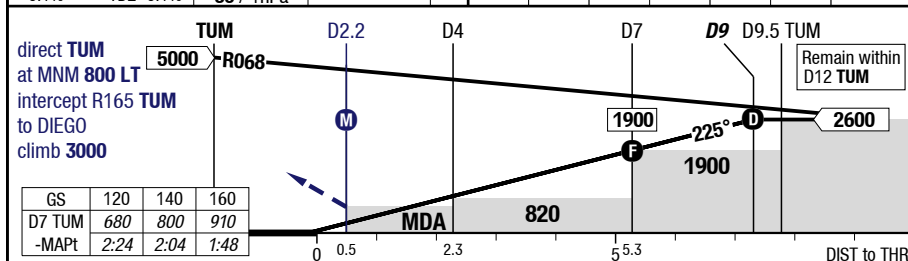
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7-110

VOR DME 21L



3	4	5	6	8	9	3.22°
530	880	1220	1560	2250	2600	D TUM 225°
						RWY 213°



21L	VOR DME					Circling ¹⁾
C	ft - m/km ft	C 400 - 2.2V 480				C 700 - 3.2V 740
D	ft - m/km ft	C 400 - 2.2V 480				C 800 - 4.0V 860

1) SE of RWY 03L/21R only

Changes: FREQ, OBST, Editorial

20-JUL-2017

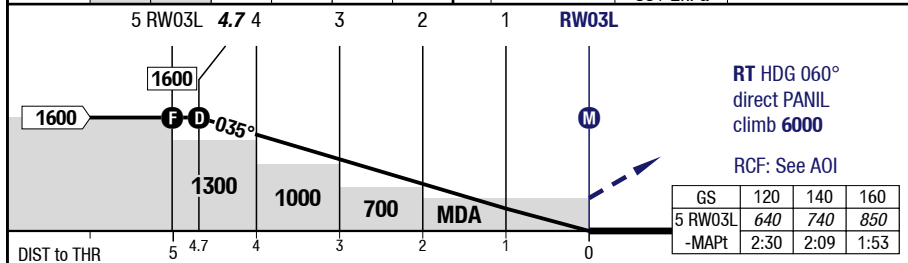
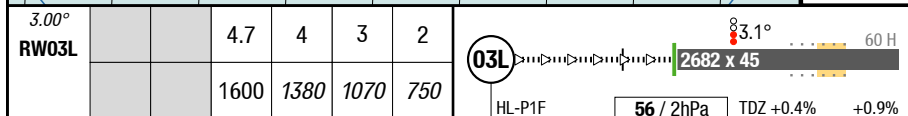
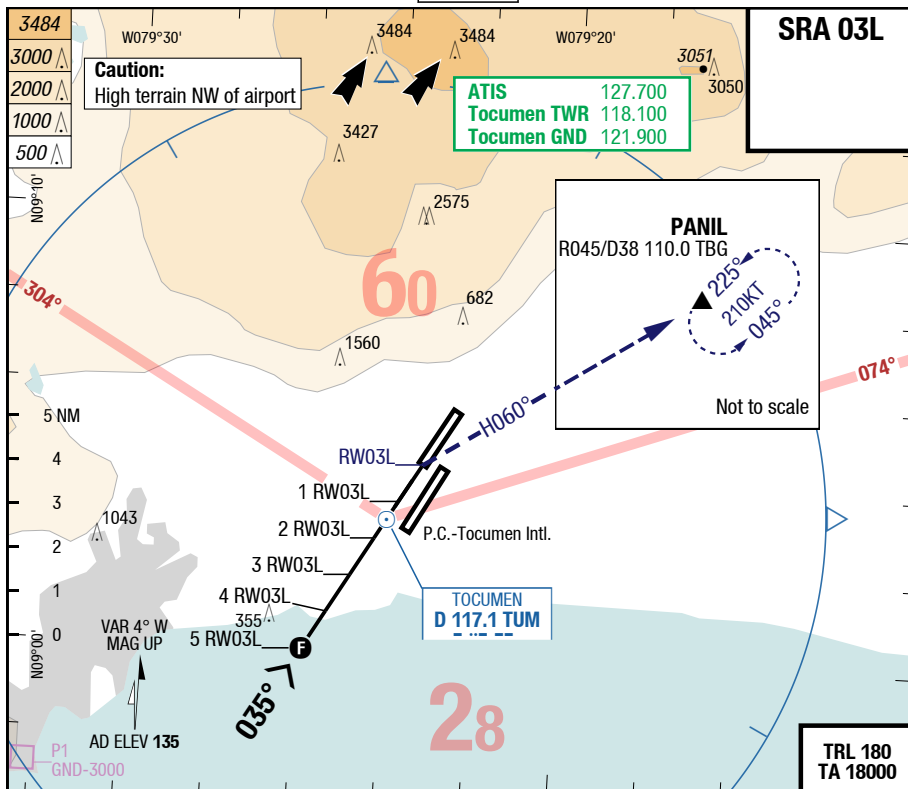
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IAC

7-120

SRA 03L



03L		SRA GA 4.8%	SRA GA 4.8% APL U/S	Circling ¹⁾	
C	ft - m/km ft	C 500 - 1.6V 560	C 500 - 2.4V 560	C 500 - 3.2V 740	
D	ft - m/km ft	C 500 - 1.6V 560	C 500 - 2.8V 560	C 600 - 3.6V 840	

1) SE of RWY 03L/21R only

Changes: FREQ, OBST, Editorial

20-JUL-2017

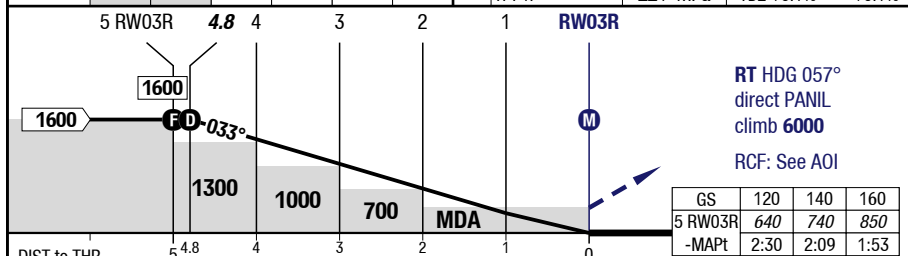
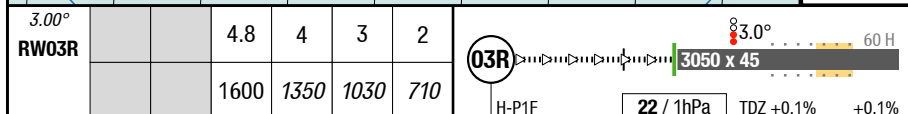
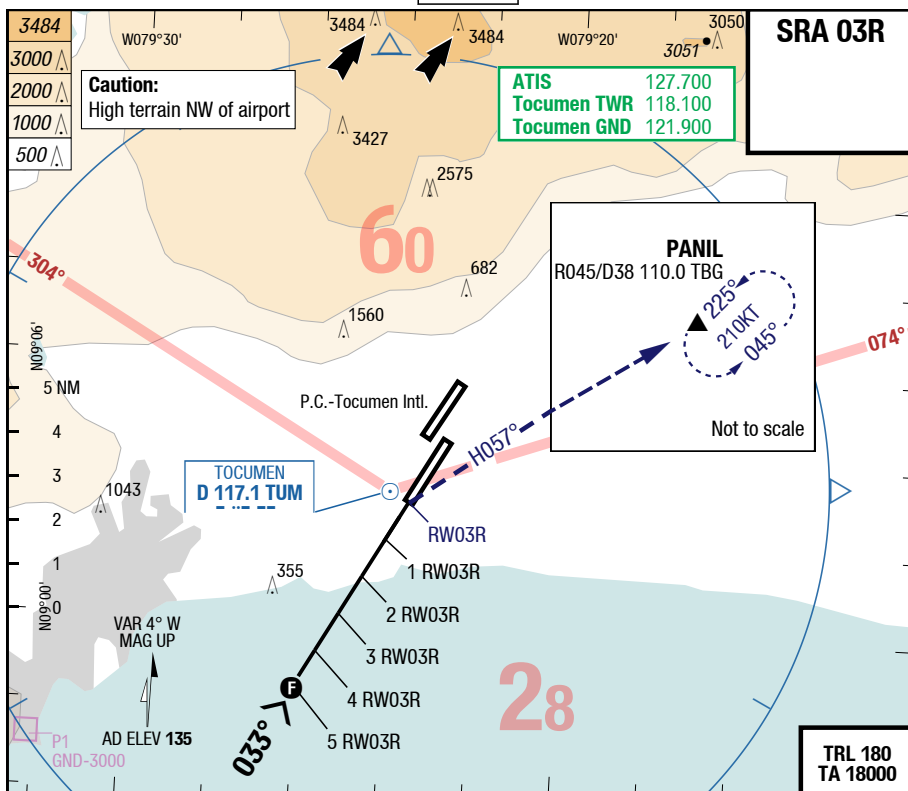
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7-130

SRA 03R



03R		SRA GA 4.6%	SRA GA 4.6% APL U/S	Circling ¹⁾	
C	ft - m/km ft	C 400 - 1.2V 460		C 500 - 2.4V 740	
D	ft - m/km ft	C 400 - 1.2V 460	C 400 - 2.4V 460	C 600 - 3.6V 840	

1) SE of RWY 03L/21R only

Changes: FREQ, OBST, Editorial

28-APR-2016

PTY-MPTO

Panama Panama City Tocumen Intl

NIL

MRC

MRC

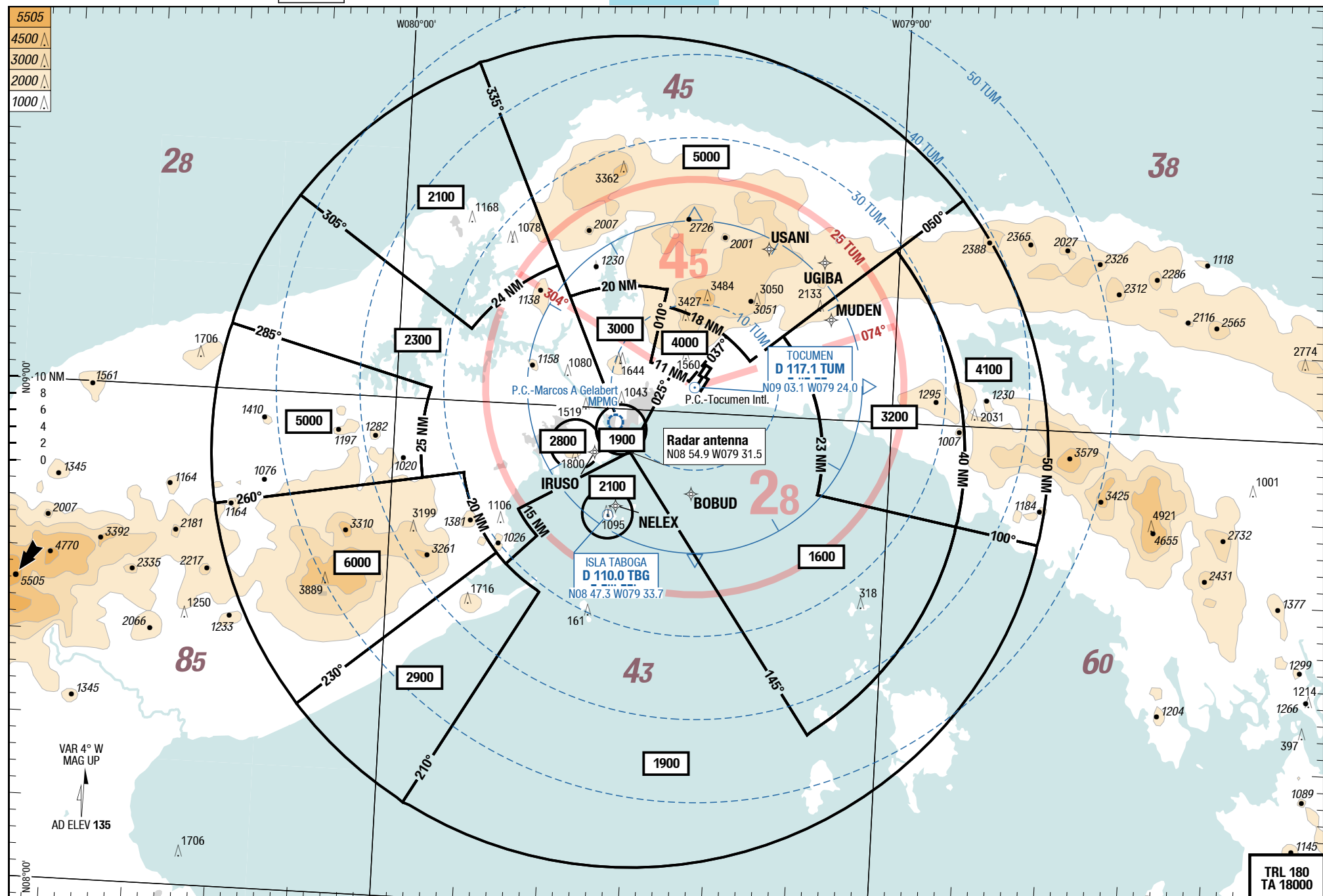
MRC

Tocumen Intl Panama City Panama

NIL

MRC

8-10



Changes: MSA, MGA, VAR, OBST