

GENERAL**Operational Hours****ATS Hours / OPS Hours:** H24**Airport Information****RFF:** FAA Index D / CAT 8**Fuel:** Jet A+**PCN:** RWY 08/26: 86/R/C/W/T

RWY 10/28: 68/R/C/W/T

Operation**Traffic Note**

Low Level Windshear Alert System (LLWAS) in operation.

Terminal Doppler Weather Radar (TDWR) in operation.

TWY Restriction

180° turns on TWYs requires OPS COOR.

TWY J between J1 and J6 (not including J6) MAX wingspan 36m / 118ft.

TWY N MAX wingspan 48m / 160ft and MAX weight 123t / 271000lbs, except PPR.

TWY S between TWY S2 and S5 CLSD.

Taxi/Parking

Immediately change to GND control FREQ when advised by the TWR and obtain a taxi CLR. A CLR from ATC to taxi to the ramp authorizes the ACFT to cross all TWYs. Pilots not familiar with the taxi route should request specific taxi instructions from ATC.

48HR PPR for parking.

Guide man required all Gates.

Engine Run-up

Prohibited on Gate area.

Warnings**SJU VOR/DME** unusable:

R120-R164 beyond 10NM below 9000ft.

R165-R260 beyond 28NM below 5000ft.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR United States.**Arrival Procedure****VFR Traffic pattern:** RWY 08 and RWY 10 right hand circuit.**Warnings****ILS RWY 08:** Glideslope unusable below 180ft.

DEPARTURE**Take-off Minima**

RWY		08, 10	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	SID GANBO: MNM climb gradient 6.5% up to 4900
All ACFT		Not authorized	SID SNGRA
RWY		26	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	SID GANBO: MNM climb gradient 6.5% up to 4900 SID SNGRA: MNM climb gradient 5.2% up to 4800
All ACFT		Not authorized	SID HAMAR
RWY		28	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	SID GANBO: MNM climb gradient 6.5% up to 4900 SID SNGRA: MNM climb gradient 5.4% up to 4800
All ACFT		Not authorized	SID HAMAR

Speed

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR United States.

28-DEC-2017
SJU-TJSJ

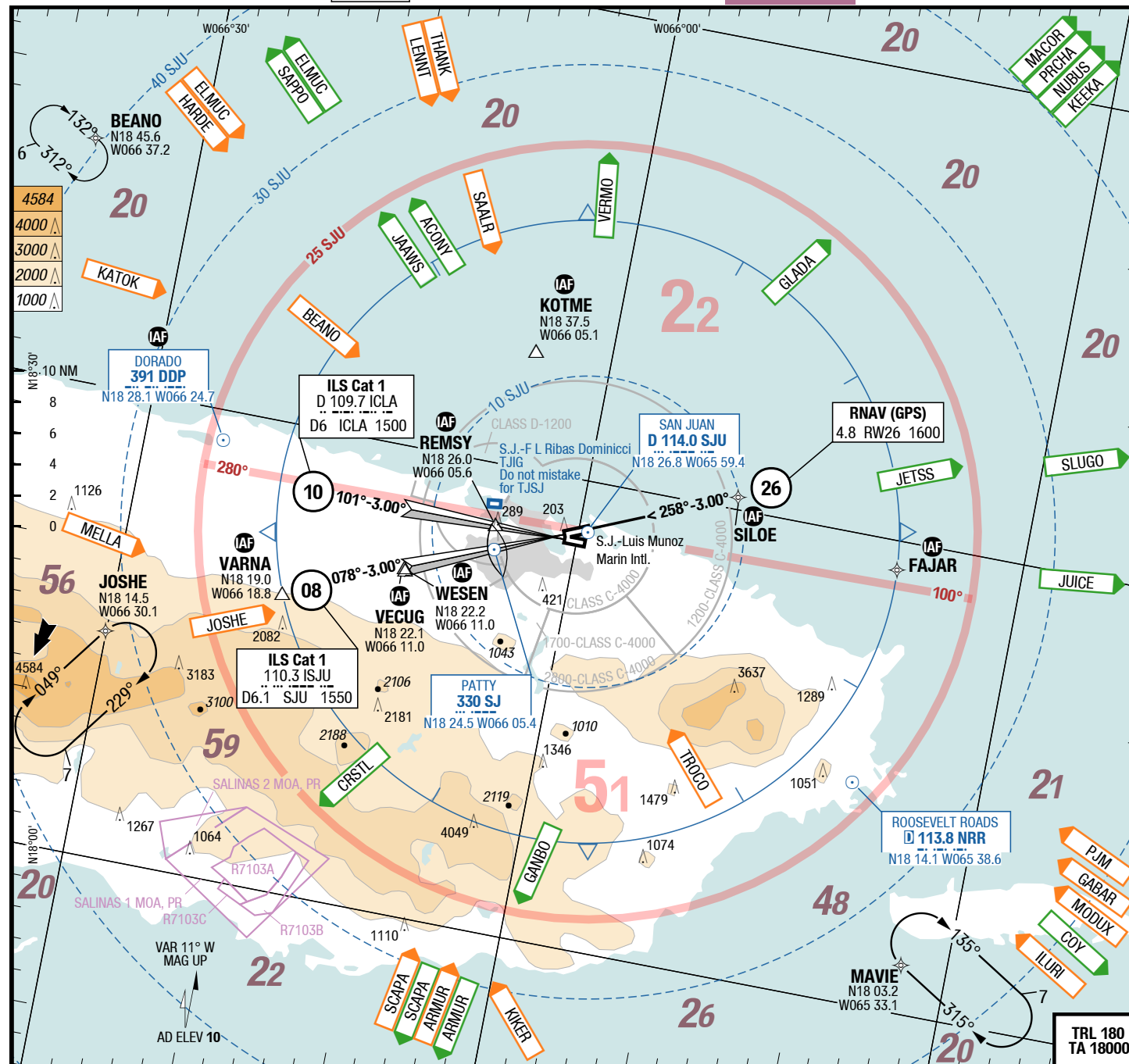
Puerto Rico San Juan Luis Munoz Marin Intl

AGC
AFC

Luis Munoz Marin Intl San Juan Puerto Rico

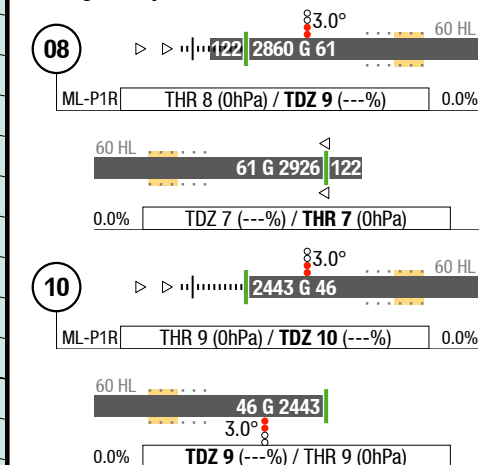
AGC
AFC

2-10

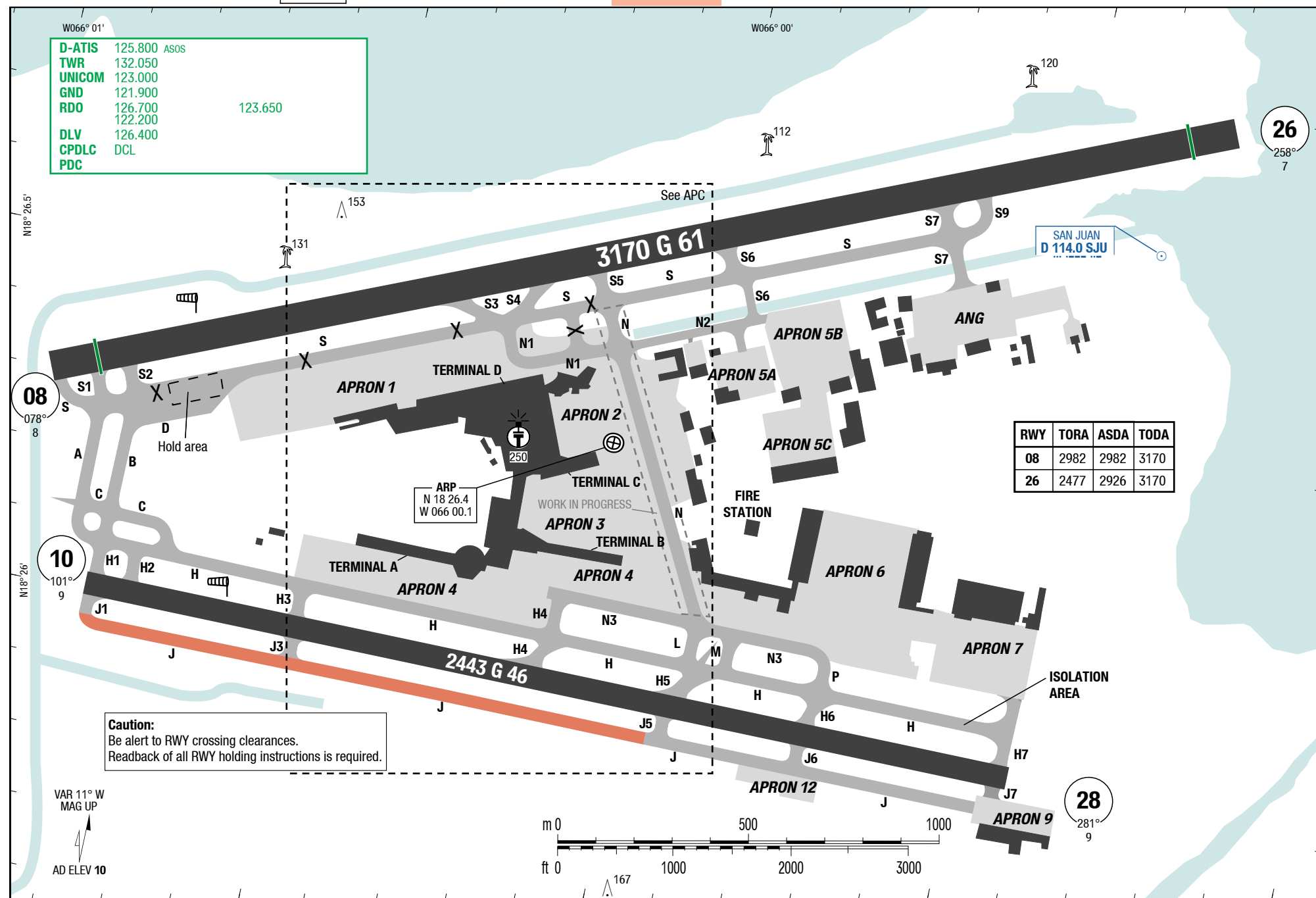


D-ATIS 125.800 ASOS
APP 120.900 N-E 119.400 SW-W
DEP 120.900 N-E 119.400 SW-W
TWR 132.050
UNICOM 123.000
GND 121.900
RDO 126.700 123.650
DLV 126.400
CPDLC DCL
PDC

Landing RWY system:



Changes: Navaid , FREQ, TDZE, AD ELEV, Editorial



28-DEC-2017
SJU-TJSJ

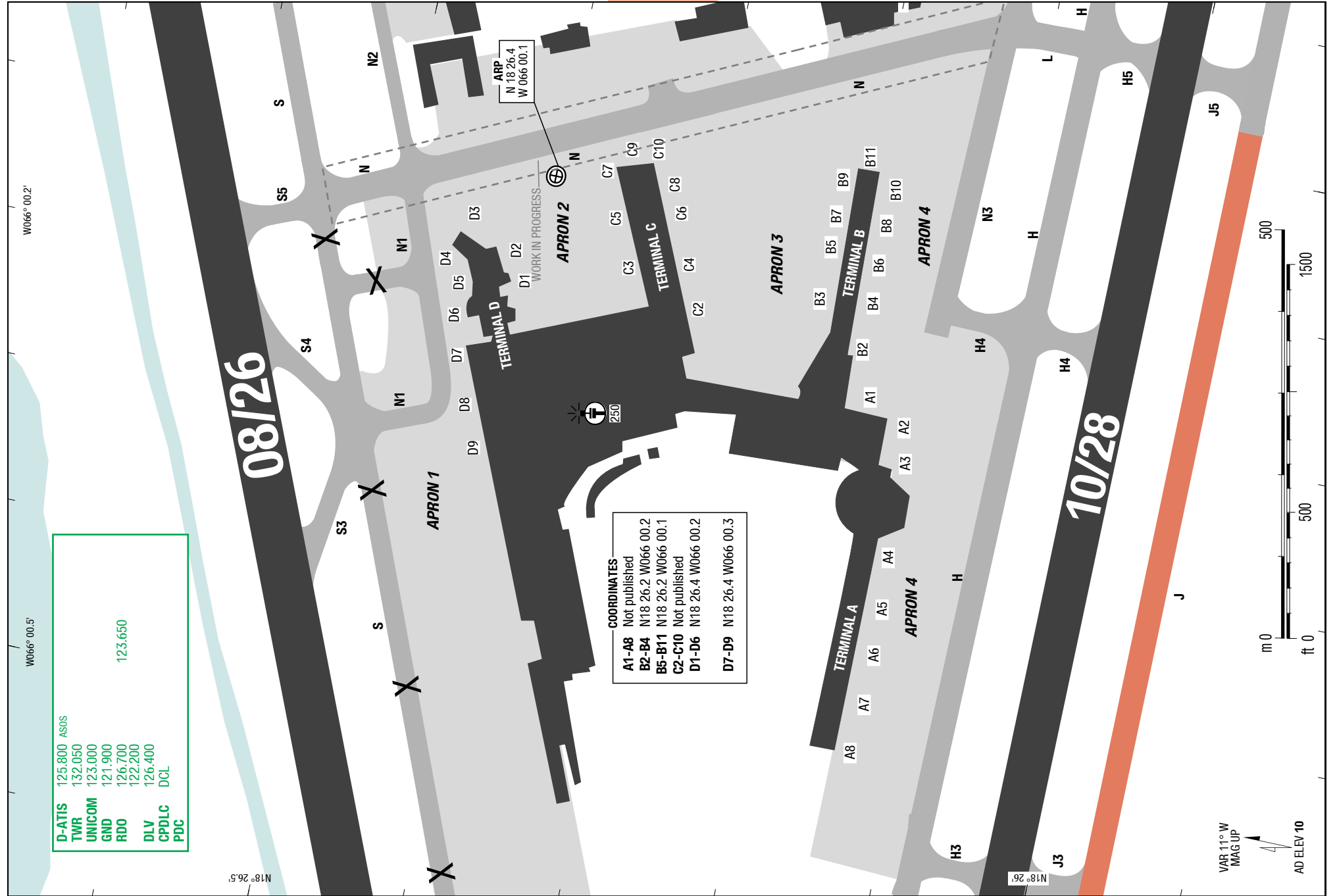
Puerto Rico **San Juan** Luis Munoz Marin Intl

NIL
APC

APC

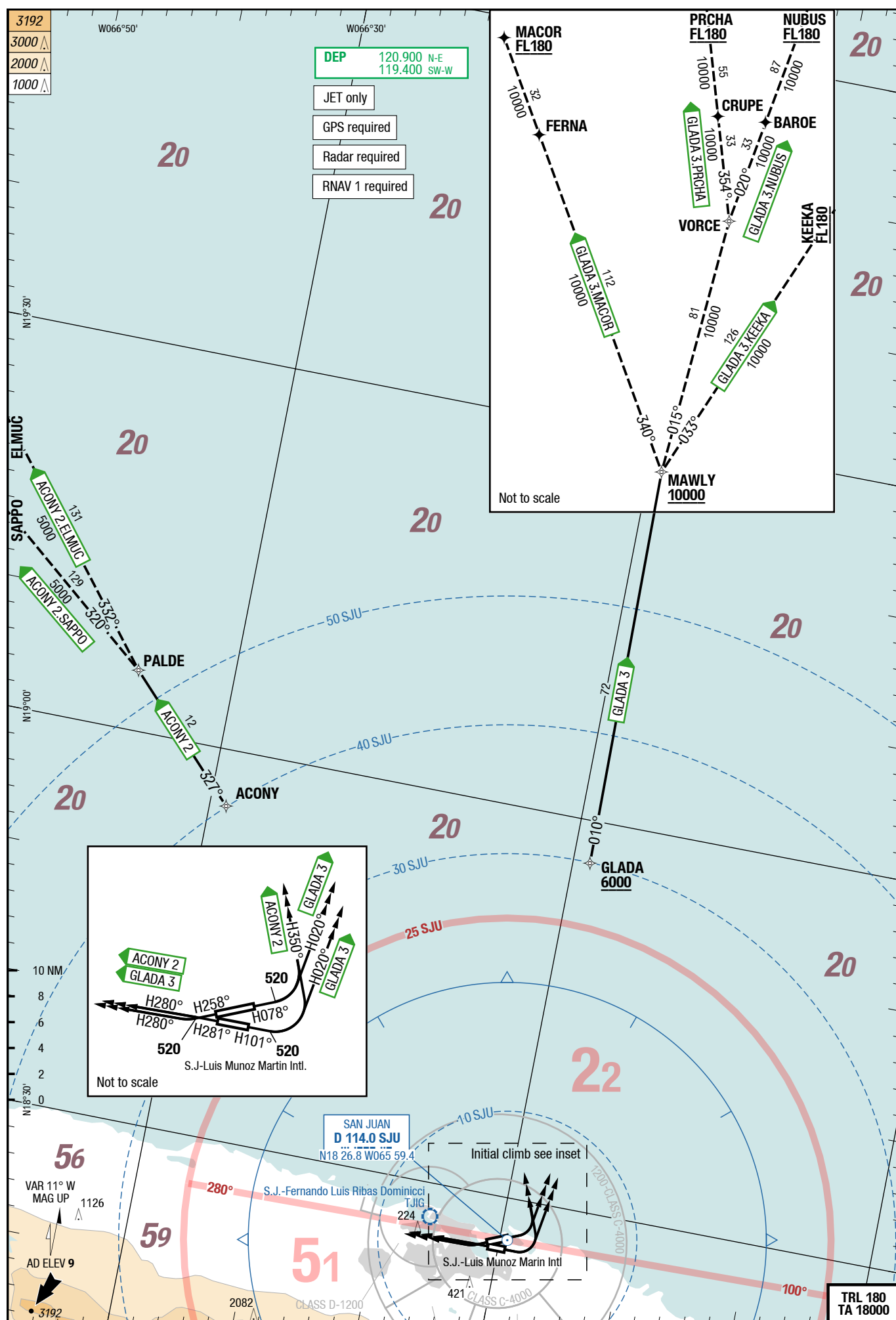
APC

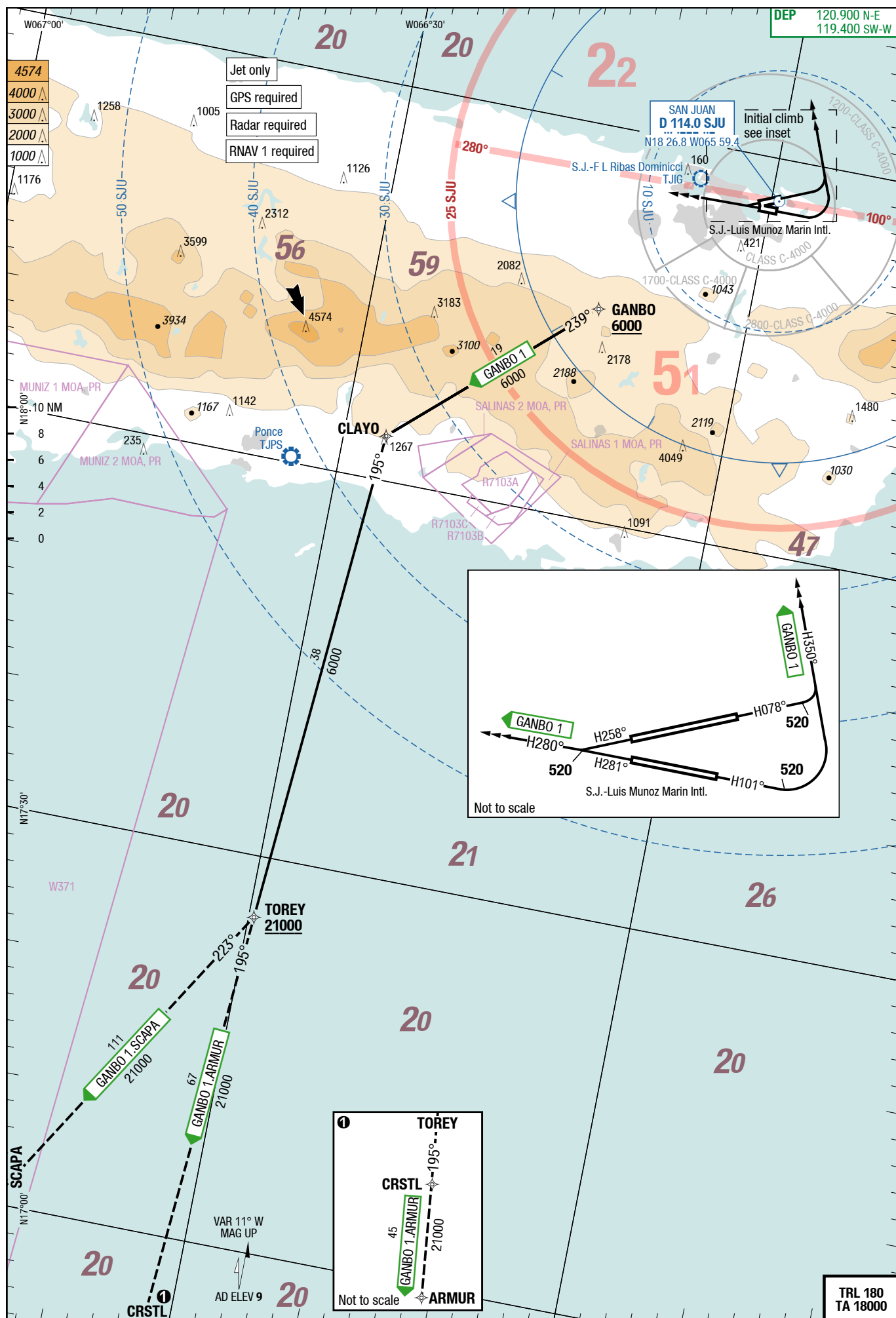
NIL
APC

Luis Munoz Marin Intl **San Juan** Puerto Rico

Changes: FREQ, WIP, AD ELEV

© Lido 2017





SJU-TJSJ

4-30

CRSTL 1

SID

SID

CRSTL 1

SID

SID

SID

SID

SID

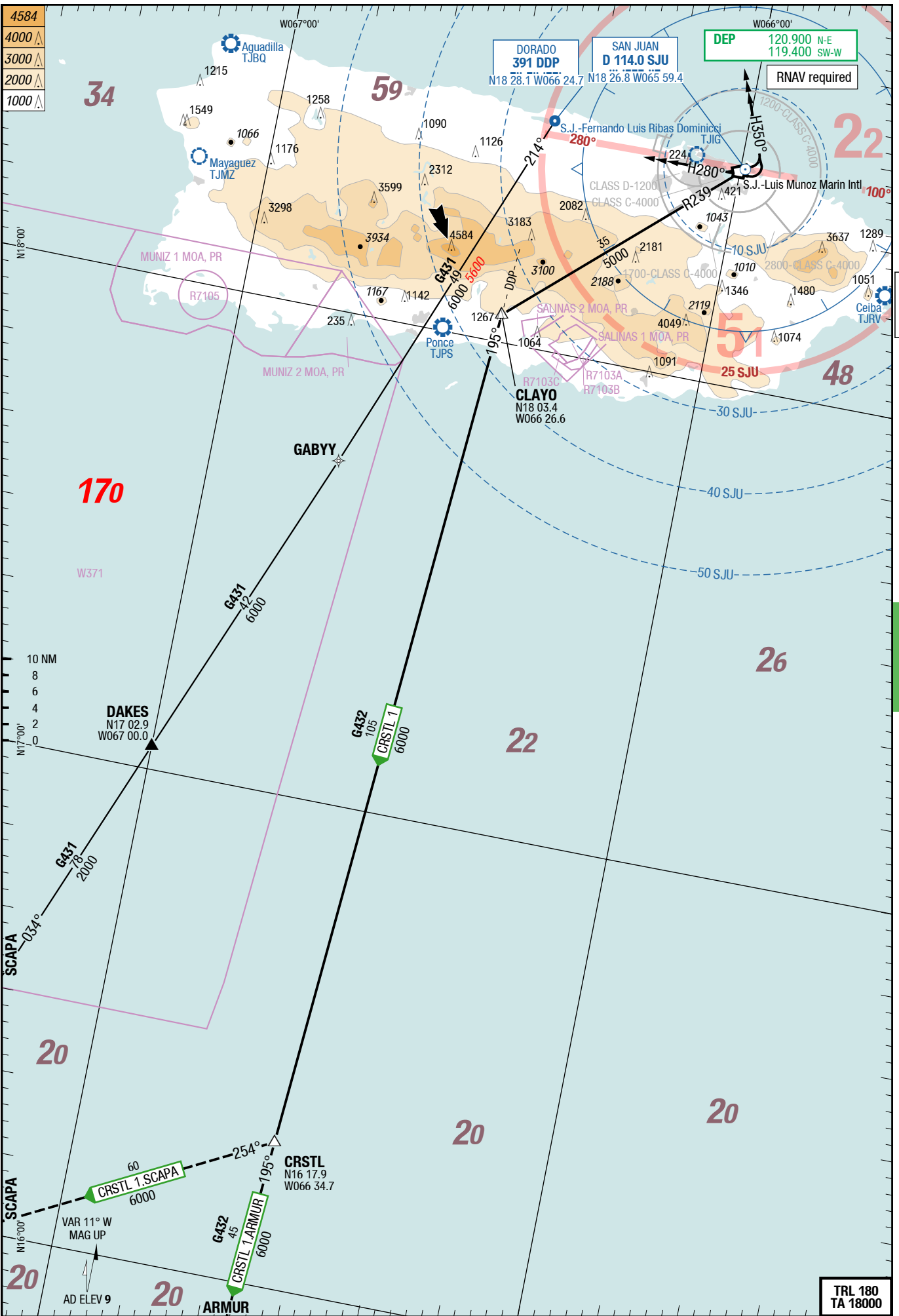
SID

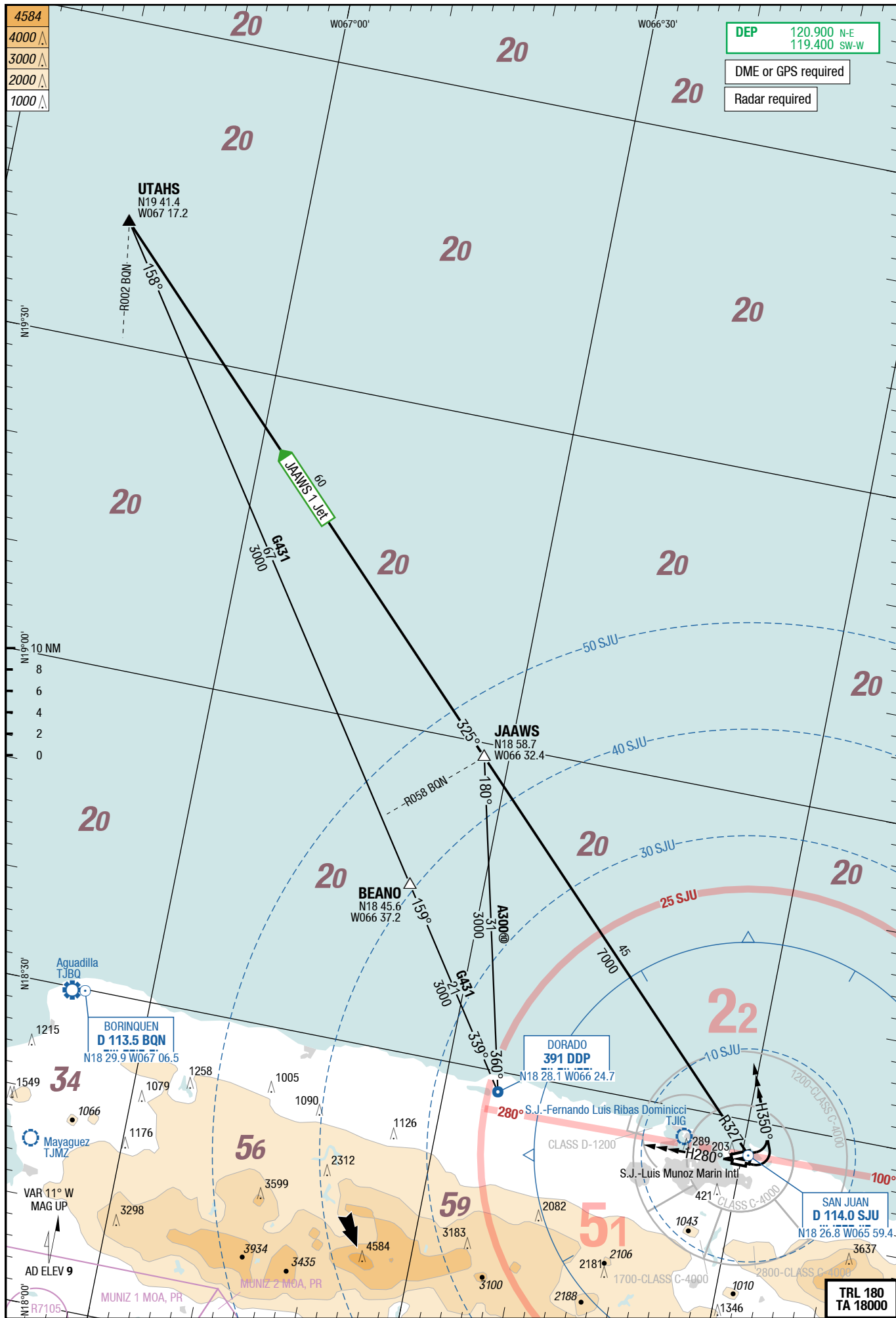
SID

SID

SID

SID





Puerto Rico (US) **San Juan** Luis Muñoz Marín Intl

Luis Munoz Marin Intl **San Juan** Puerto Rico (US)

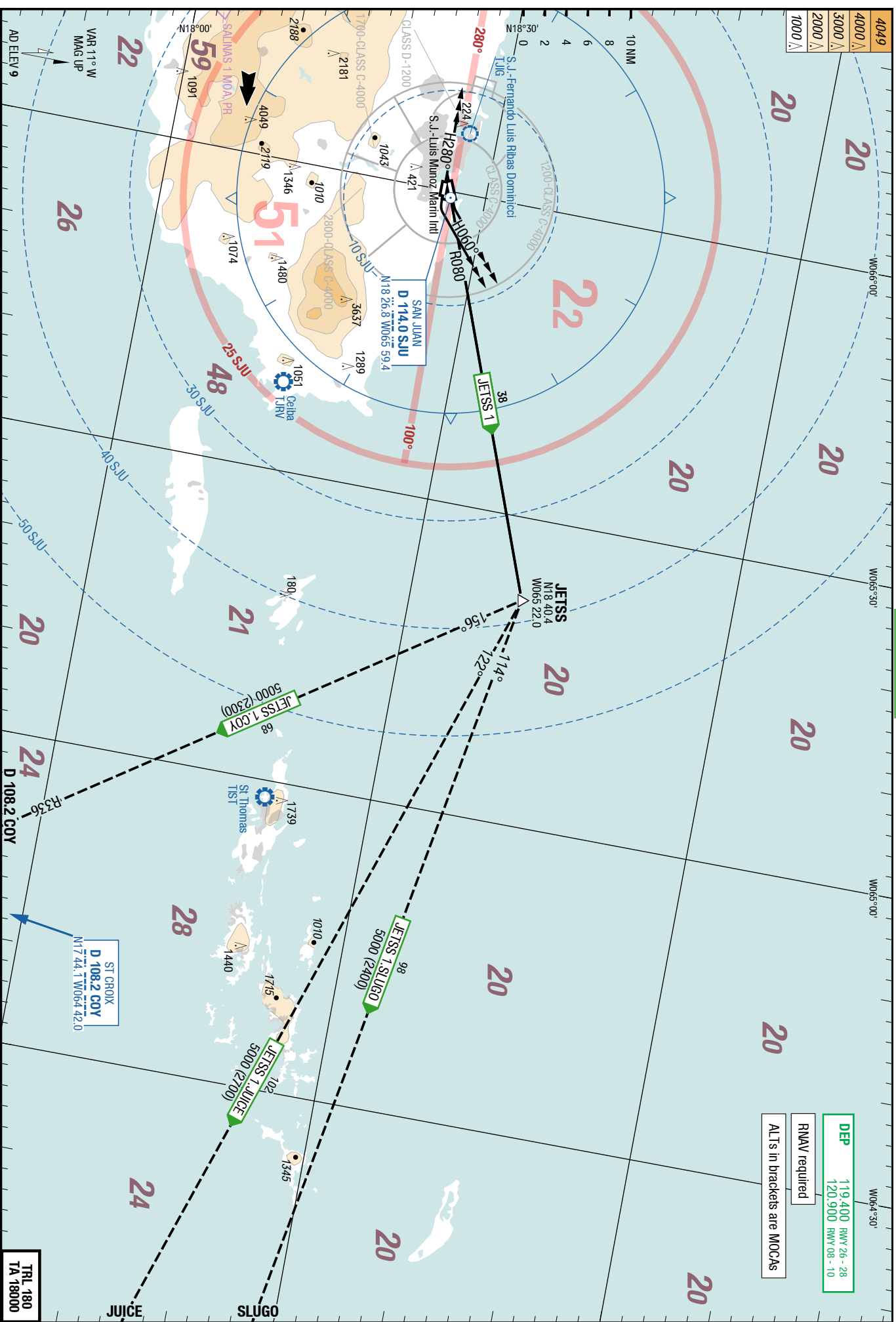
4-50

JETS 1

SID

SID

JETS 1



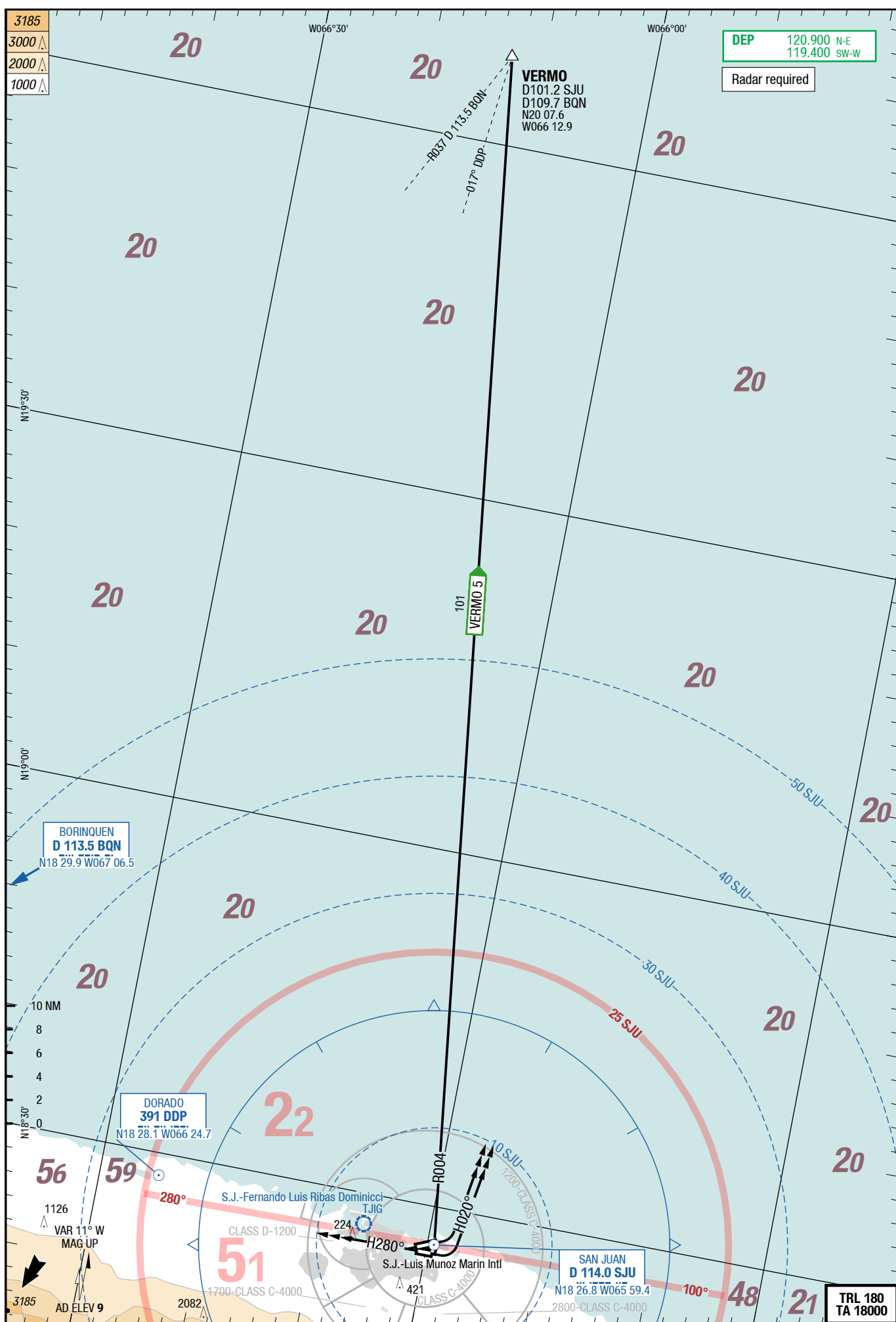
SJU-TJSJ

4-60

VERMO 5

SID**SID**

VERMO 5



ACONY 2 / GLADA 3

RWYs 08 (078°) / 10 (101°) / 26 (258°) / 28 (281°)

DESIGNATOR	ROUTING	ALTITUDES
ACONY 2 (Jet only) ①		Maintain 5000 unless assigned lower altitude
RWY 08 120.900	at 520 LT HDG 350° or as assigned by ATC - expect vectors to ACONY - PALDE	
RWY 10 120.900	at 520 LT HDG 350° or as assigned by ATC - expect vectors to ACONY - PALDE	
RWY 26 119.400	at 520 HDG 280° or as assigned by ATC - expect vectors to ACONY - PALDE	
RWY 28 119.400	at 520 HDG 280° or as assigned by ATC - expect vectors to ACONY - PALDE	
	TRANSITION	
	ELMUC PALDE - ELMUC	
	SAPPO PALDE - SAPPO	
GLADA 3 (Jet only) ②		Maintain 5000 unless assigned lower altitude GLADA MNM 6000 MAWLY MNM 10000
RWY 08 120.900	at 520 LT HDG 020° or as assigned by ATC - expect vectors to GLADA - MAWLY	
RWY 10 120.900	at 520 LT HDG 020° or as assigned by ATC - expect vectors to GLADA - MAWLY	
RWY 26 119.400	at 520 HDG 280° or as assigned by ATC - expect vectors to GLADA - MAWLY	
RWY 28 119.400	at 520 HDG 280° or as assigned by ATC - expect vectors to GLADA - MAWLY	
	TRANSITION	
	KEEKA MAWLY - KEEKA	MAWLY MNM 10000 KEEKA MNM FL180
	MACOR MAWLY - FERNA - MACOR	MAWLY MNM 10000 MACOR MNM FL180
	NUBUS MAWLY - VORCE - BAROE - NUBUS	MAWLY MNM 10000 NUBUS MNM FL180

① Expect clearance to FL280 or requested altitude, if lower, ten minutes after departure.

② Expect clearance to FL200 or requested altitude, if lower, ten minutes after departure.

SJU-TJSJ

5-20

ACONY 2 RNAV / GLADA 3 RNAV

SIDPT

GLADA 3		
DESIGNATOR	ROUTING	ALTITUDES
GLADA 3 (Jet only)		
	TRANSITION	
	PRCHA MAWLY - VORCE - CRUPE - PRCHA	MAWLY MNM 10000 PRCHA MNM FL180

06-OCT-2016

Puerto Rico (US) **San Juan** Luis Munoz Marin Intl**SJU-TJSJ****5-30****GANBO 1 RNAV****SIDPT****GANBO 1**

RWYs 08 (078°) / 10 (101°) / 26 (258°) / 28 (281°)

	GS	120	150	180	210	240	270
4.4%	ft/MIN	600	700	900	1000	1100	1300
6.5%	ft/MIN	800	1000	1200	1400	1600	1800
7.0%	ft/MIN	900	1100	1300	1500	1800	2000

DESIGNATOR	ROUTING	ALTITUDES
GANBO 1 (Jet only) 6.5% to 4900 7% to 6000 (ATC) 4.4% to FL210 (ATC) ①②		Maintain 5000 or assigned lower altitude GANBO MNM 6000
RWYs 08/10 120.900	at 520 LT HDG 350° - expect vectors to GANBO - CLAYO - TOREY	
RWYs 26/28 119.400	at 520 HDG 280° - expect vectors to GANBO - CLAYO - TOREY	
	TRANSITION	
	ARMUR TOREY - CRSTL - ARMUR	TOREY MNM 21000
	SCAPA TOREY - SCAPA	TOREY MNM 21000

- ① Expect clearance to FL280, or requested altitude if lower, ten minutes after departure.
 ② If unable to accept climb rates, advise ATC on initial contact.

Changes: Nil

06-OCT-2016

Puerto Rico (US) **San Juan** Luis Munoz Marin Intl**SJU-TJSJ****5-40****CRSTL 1****SIDPT****CRSTL 1**

RWYs 08 (078°) / 10 (101°) / 26 (258°) / 28 (281°)

DESIGNATOR	ROUTING	ALTITUDES
CRSTL 1 119.400 ①		initial climb 5000
RWY 08	LT HDG 350° - vectors to intercept R239 SJU to CLAY0 - CRSTL	
RWY 10	LT HDG 350° - vectors to intercept R239 SJU to CLAY0 - CRSTL	
RWY 26	HDG 280° - vectors to intercept R239 SJU to CLAY0 - CRSTL	
RWY 28	HDG 280° - vectors to intercept R239 SJU to CLAY0 - CRSTL	
	TRANSITION	
	ARMUR CRSTL - ARMUR	
	SCAPA CRSTL - SCAPA	

① Expect clearance to FL280 or requested altitude, if lower, ten minutes after departure.

JAAWS 1

RWYs 08 (078°) / 10 (101°) / 26 (258°) / 28 (281°)

DESIGNATOR	ROUTING	ALTITUDES
JAAWS 1 Jet 119.400 ①		
		initial climb 5000
RWY 08	LT HDG 350° - vectors to intercept R327 SJU to UTAHS	
RWY 10	LT HDG 350° - vectors to intercept R327 SJU to UTAHS	
RWY 26	HDG 280° - vectors to intercept R327 SJU to UTAHS	
RWY 28	HDG 280° - vectors to intercept R327 SJU to UTAHS	

① Expect clearance to FL280 or requested altitude, if lower, ten minutes after departure.

JETSS 1

RWYs 08 (078°) / 10 (101°) / 26 (258°) / 28 (281°)

DESIGNATOR	ROUTING	ALTITUDES
JETSS 1 ①		
		initial climb 5000
RWY 08 120.900	LT HDG 060° - vectors to intercept R080 SJU to JETSS	
RWY 10 120.900	LT HDG 060° - vectors to intercept R080 SJU to JETSS	
RWY 26 119.400	HDG 280° - vectors to intercept R080 SJU to JETSS	
RWY 28 119.400	HDG 280° - vectors to intercept R080 SJU to JETSS	
	TRANSITION	
	JUICE JETSS - JUICE	
	SLUGO JETSS - SLUGO	
	ST. CROIX (COY) JETSS - COY	

① Expect Clearance to FL280 or requested altitude, if lower, ten minutes after departure.

06-OCT-2016

Puerto Rico (US) **San Juan** Luis Munoz Marin Intl**SJU-TJSJ**

5-70

VERMO 5**SIDPT****VERMO 5**

RWYs 08 (078°) / 10 (101°) / 26 (258°) / 28 (281°)

DESIGNATOR	ROUTING	ALTITUDES
VERMO 5 ①		initial climb 5000
RWY 08 120.900	LT HDG 020° - vectors to intercept R004 SJU to VERMO	
RWY 10 120.900	LT HDG 020° - vectors to intercept R004 SJU to VERMO	
RWY 26 119.400	HDG 280° - vectors to intercept R004 SJU to VERMO	
RWY 28 119.400	HDG 280° - vectors to intercept R004 SJU to VERMO	

① Expect clearance to FL280 or requested altitude, if lower, ten minutes after departure.

Obstacle Departure	
RWY	Routing
08	Climb on a HDG between 109° CCW to 258° from DER, or minimum climb of 6.3% (381ft/NM) to 5000 for all other courses.
10	Climb on a HDG between 091° CCW to 281° from DER, or minimum climb of 6.5% (390ft/NM) to 4900 for all other courses.
26	Climb on a HDG between 255° CW to 078° from DER, or minimum climb of 5.2% (311ft/NM) to 4800 for all other courses.
28	Climb on a HDG between 260° CW to 101° from DER, or minimum climb of 5.4% (323ft/NM) to 4800 for all other courses.
RWY	Notes
08	Trees beginning 21ft from DER, left and right of centerline, up to 84ft AGL/107ft MSL.
10	Trees beginning 157ft from DER, left and right of centerline, up to 54ft AGL/61ft MSL.
26	Building and trees beginning 8ft from DER, 339ft right of centerline, up to 138ft AGL/154ft MSL. Sign and bushes beginning 381ft from DER, 374ft left of centerline, up to 28ft AGL/35ft MSL.
28	Bush and trees beginning 159ft from DER, 476ft left of centerline, up to 61ft AGL/71ft MSL. Pole 438ft from DER, 587ft left of centerline, 31ft AGL/38ft MSL.

Effective 18-NOV-2010
11-NOV-2010

Puerto Rico (US) **San Juan** Luis Munoz Marin Intl

(NIL)

STAR

STAR

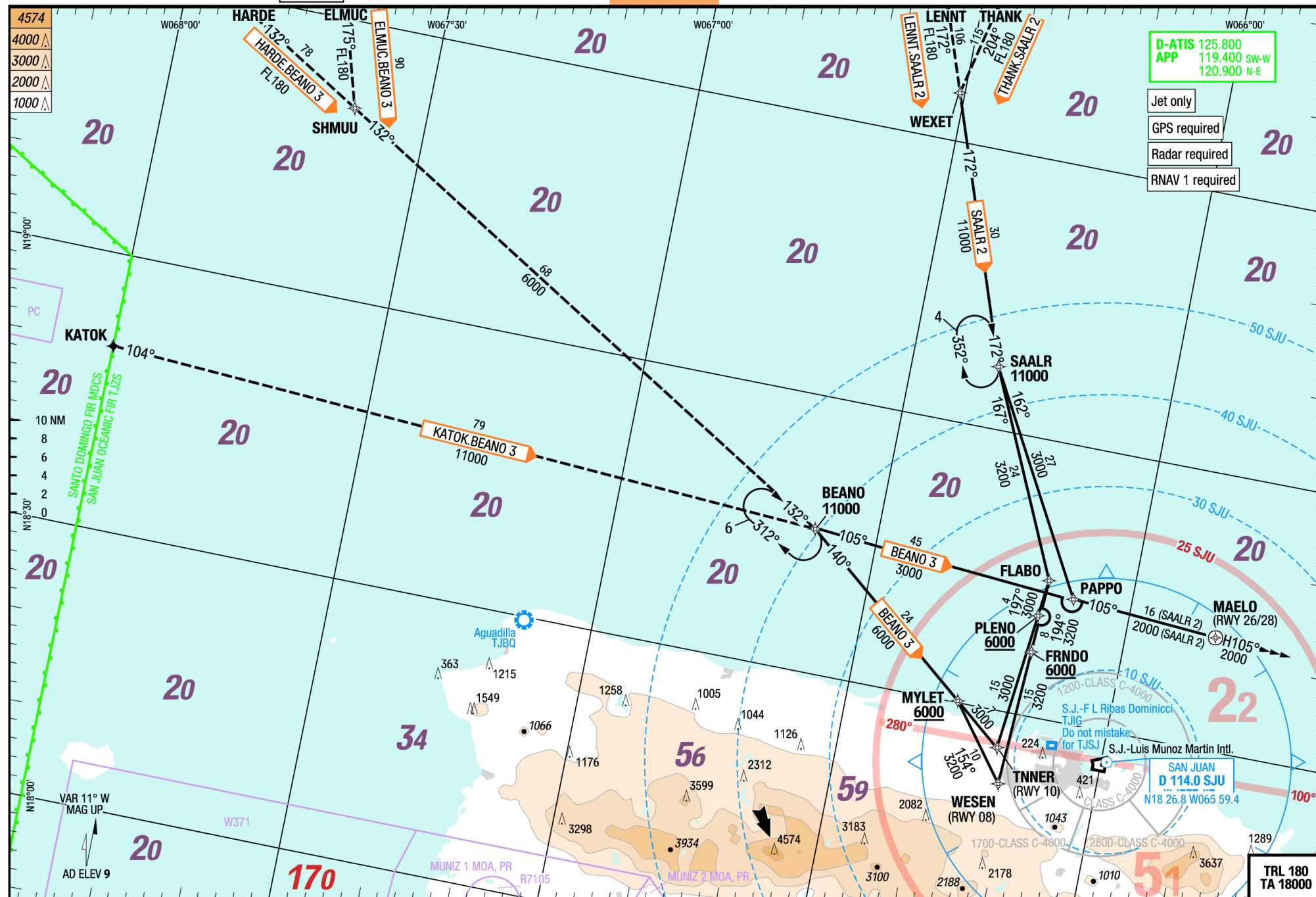
Luis Munoz Marin Intl **San Juan** Puerto Rico (US)

(NIL)

SJU-TJSJ

6-10 **BEANO 3 RNAV / SAALR 2 RNAV**

BEANO 3 RNAV / SAALR 2 RNAV



Changes: ALT, OBST, Procedure renumbered

SJU-TJSJ

NIL

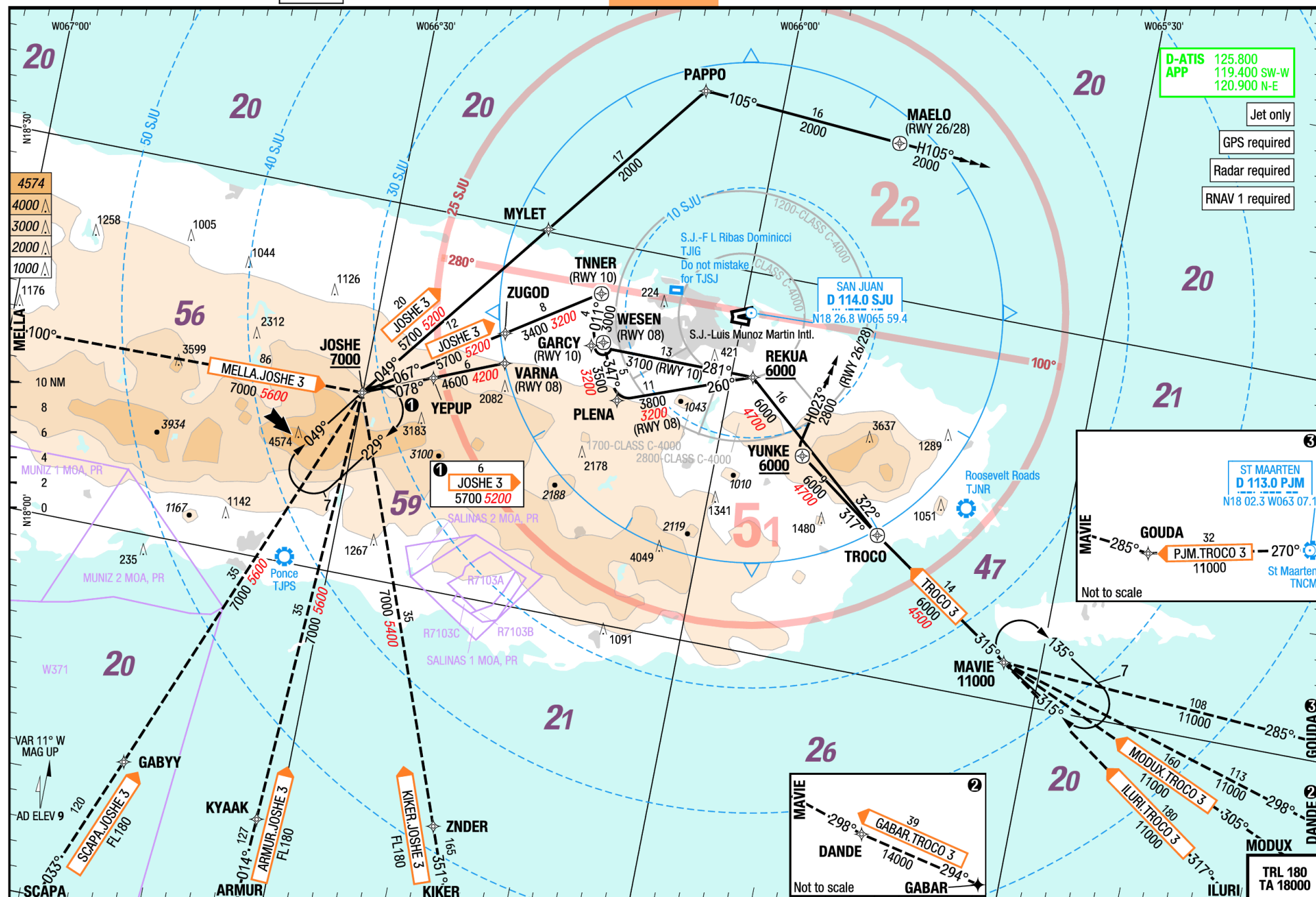
6-20 JOSHE 3 RNAV / TROCO 3 RNAV

STAR

STAR

NIL

JOSHE 3 RNAV / TROCO 3 RNAV



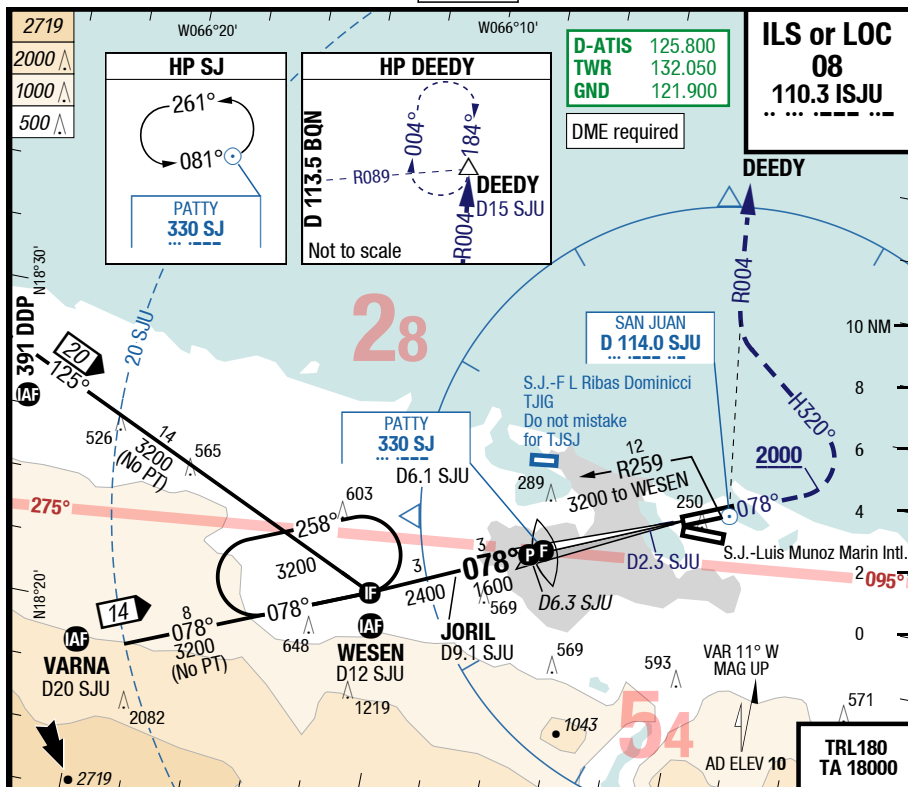
Changes: ALT, OBST, Procedure renumbered

© Lido 2010

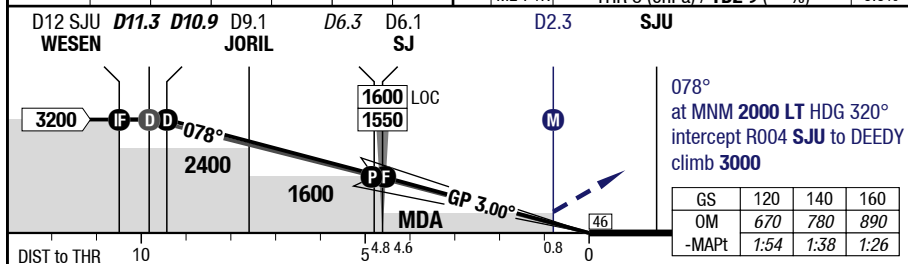
28-DEC-2017

Puerto Rico **San Juan** Luis Munoz Marin Intl

IAC

SJU-TJSJ**7-10****ILS or LOC 08**

LOC 3.15° D SJU	10.9	10	9	8	7	5		ML-P1R THR 8 (0hPa) / TDZ 9 (---%) 0.0%
	3200	2900	2570	2230	1900	1230		



08		Cat 1 1)	Cat 1 APL U/S 1) 2)	LOC	Circling TERPS	
C	ft - ft/SM ft	310 - 0.5V 320	310 - 1.0V 320	560 - 1.13V 560	600 - 1.5V 610	
D	ft - ft/SM ft	310 - 0.5V 320	310 - 1.0V 320	560 - 1.25V 560	700 - 2.25V 710	

1) ILS unusable 0.8NM INBD to THR

2) With EVS VIS 0.63SM, no EVS use STD

Changes: TDZE, OBST, AD ELEV, Editorial

ILS or LOC 10

AMDT 6A

28-DEC-2017

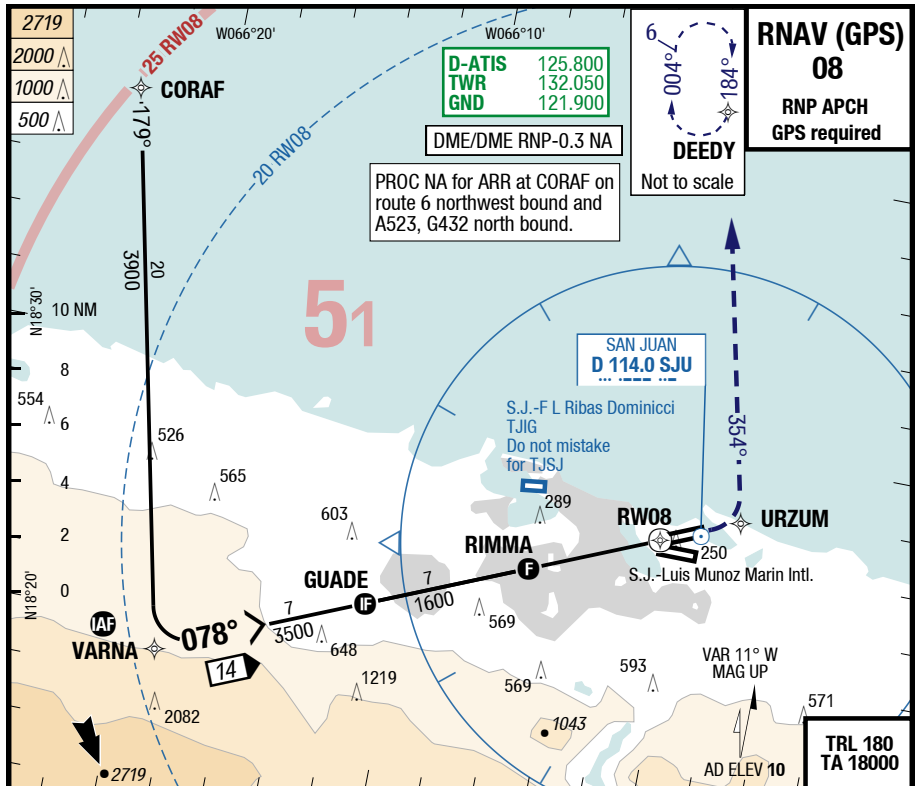
SJU-TJSJ

Puerto Rico **San Juan** Luis Munoz Marin Intl

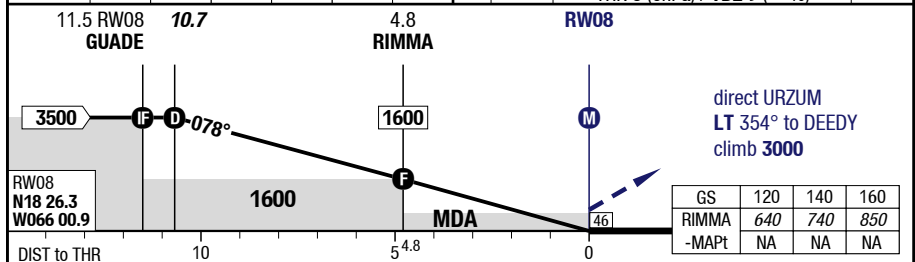
IAC

7-30

RNAV (GPS) 08



3.00° RW08	10.7	10	8	6	4	2	<div>08</div> <div>ML-P1R THR 8 (0hPa) / TDZ 9 (---%) 0.0%</div>
	3500	3280	2640	1990	1350	700	



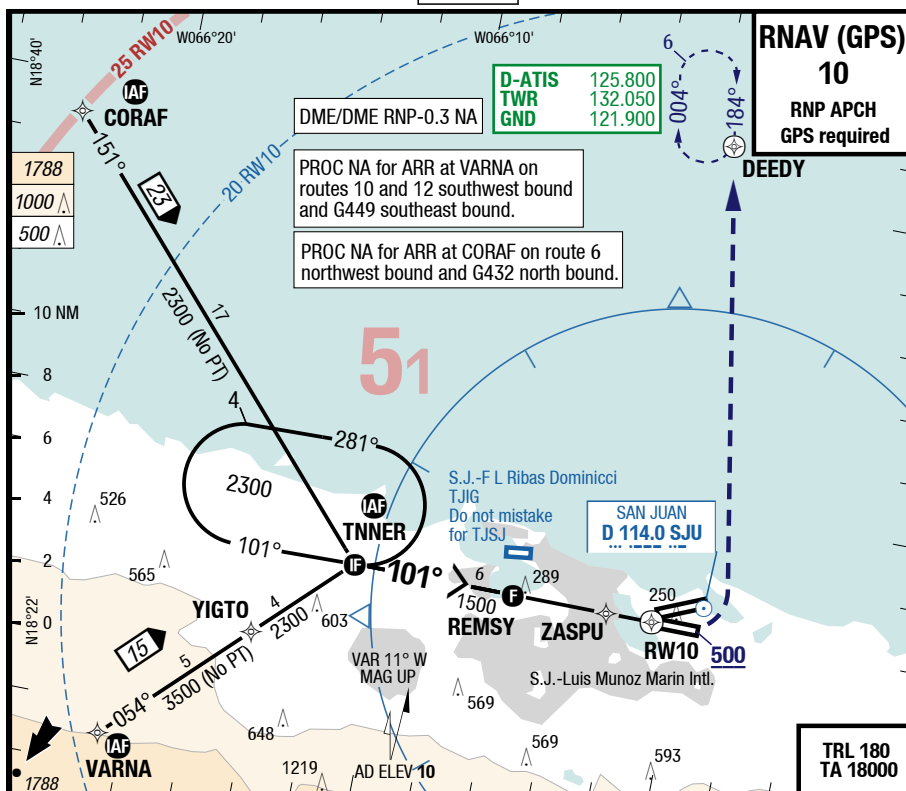
TERPS	08	RNAV GPS VNAV 1) 2)	RNAV GPS LNAV				Circling TERPS
C	ft - ft/SM ft	530 - 1.25V 530	560 - 1.13V 560				600 - 1.5V 610
D	ft - ft/SM ft	530 - 1.25V 530	560 - 1.25V 560				700 - 2.25V 710

1) Uncompensated BARO VNAV NA below -15°C (5°F) or above 48°C (118°F)
 2) SBAS-VNAV not authorized

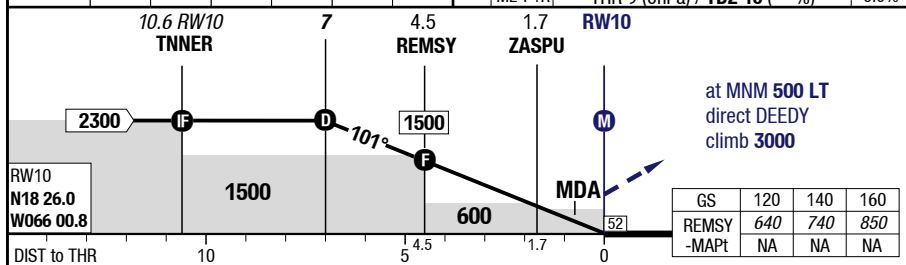
Changes: MIN, TDZE, OBST, AD ELEV, Editorial

AMD 1

© Lido 2017



3.00° RW10	7	6	5	4	3	2	<div> <div> <div>10</div> <div> <div> <div>3.0°</div> <div>60 HL</div> </div> <div> <div>2443 G 46</div> </div> </div> </div> </div>
2300	1980	1660	1340	1020	700	<div> <div>ML-P1R</div> <div>THR 9 (0hPa) TDZ 10 (---%)</div> <div>0.0%</div> </div>	



<div> <div>TERPS</div> <div>10</div> </div>		RNAV GPS VNAV 1) 2)	RNAV GPS VNAV APL U/S 1) 2)	RNAV GPS LNAV		Circling
						TERPS
C	ft - ft/SM ft	400 - 0.88V 410	400 - 1.25V 410	470 - 1.0V 480		600 - 1.5V 610
D	ft - ft/SM ft	400 - 0.88V 410	400 - 1.25V 410	470 - 1.0V 480		700 - 2.25V 710

1) Uncompensated BARO VNAV NA below -15°C (5°F) or above 54°C (130°F)
2) SBAS-VNAV not authorized

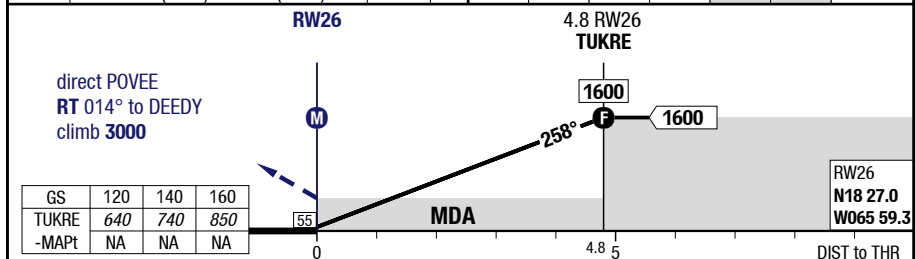
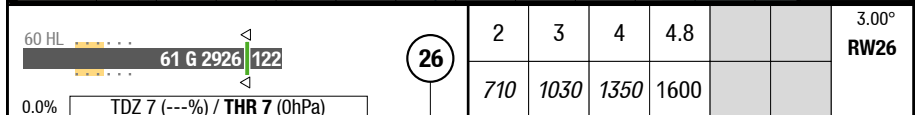
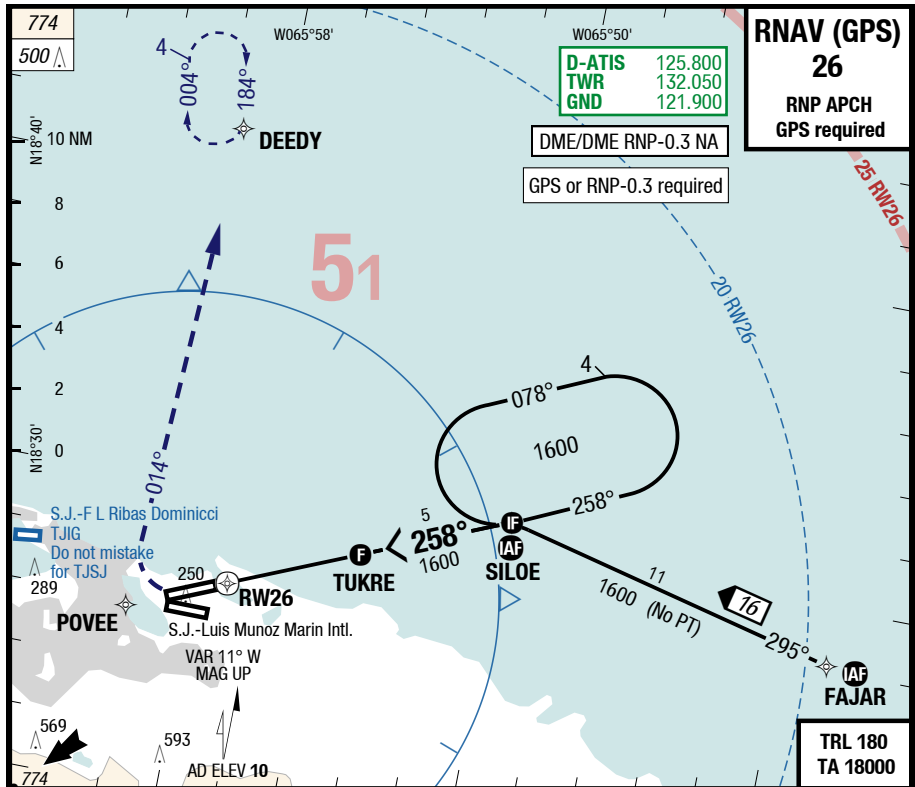
Changes: MIN, TDZE, OBST, AD ELEV, Editorial, AMDT No

AMDT 2A

28-DEC-2017

Puerto Rico **San Juan** Luis Munoz Marin Intl

IAC

SJU-TJSJ**7-50****RNAV (GPS) 26**

26		RNAV GPS VNAV 1) 2)	RNAV GPS LNAV	Circling TERPS	
C	ft - ft/SM ft	360 - 1.25V 360	400 - 1.13V 400	600 - 1.5V 610	
D	ft - ft/SM ft	360 - 1.25V 360	400 - 1.25V 400	700 - 2.25V 710	

1) BARO VNAV NA below -15°C (5°F)

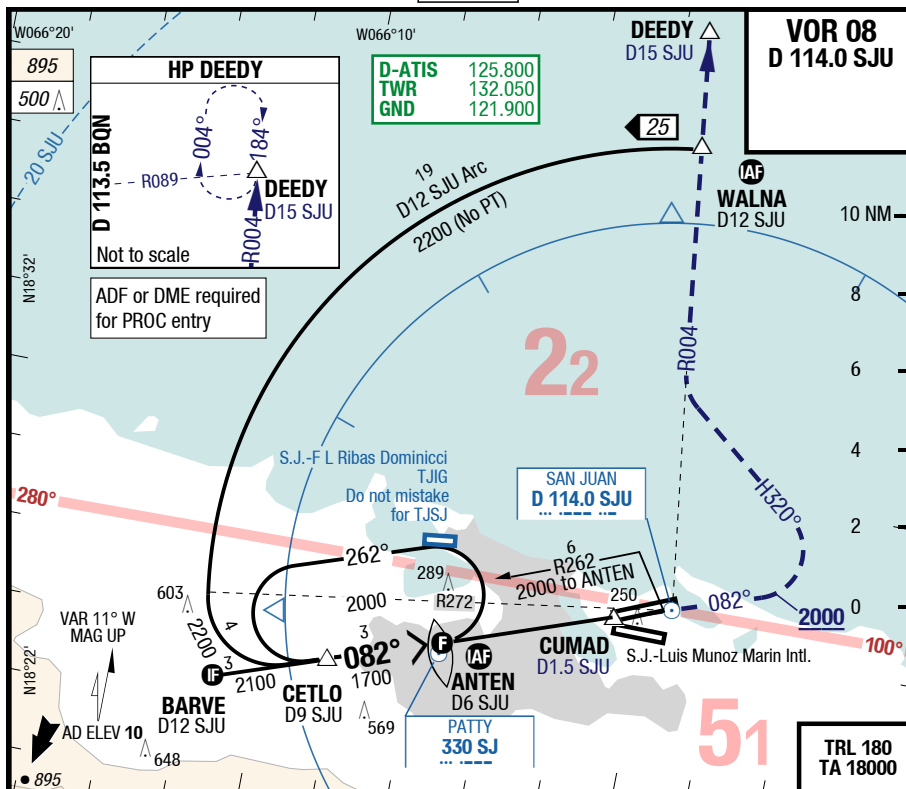
2) SBAS-VNAV not authorized

Changes: MIN, TDZE, OBST, AD ELEV, Editorial

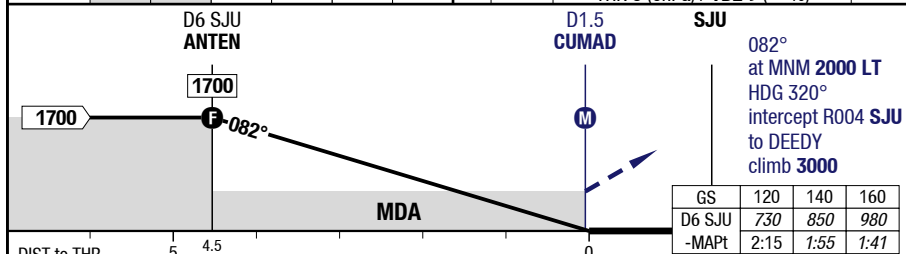
Orig B

© Lido 2017

28-DEC-2017

Puerto Rico **San Juan** Luis Munoz Marin Intl**SJU-TJSJ****7-70****VOR 08****IAC**

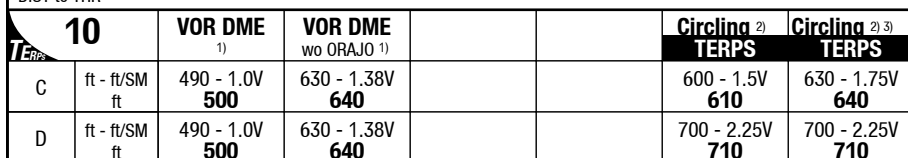
3.45°			6	5	4	3		83.0°	60 HL
D SJU							08	122	2860 G 61
082°			1700	1340	970	600			
RWY 078°									
							ML-P1R	THR 8 (0hPa) / TDZ 9 (---%)	0.0%



08	VOR					Circling TERPS
C	ft - ft/SM ft	560 - 1.13V 560				600 - 1.5V 610
D	ft - ft/SM ft	560 - 1.25V 560				700 - 2.25V 710

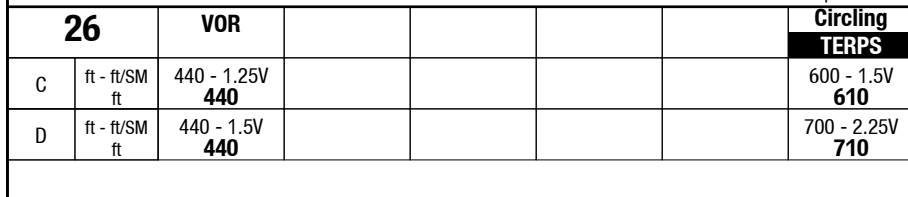
Changes: TDZE, OBST, AD ELEV, Editorial

VOR 10

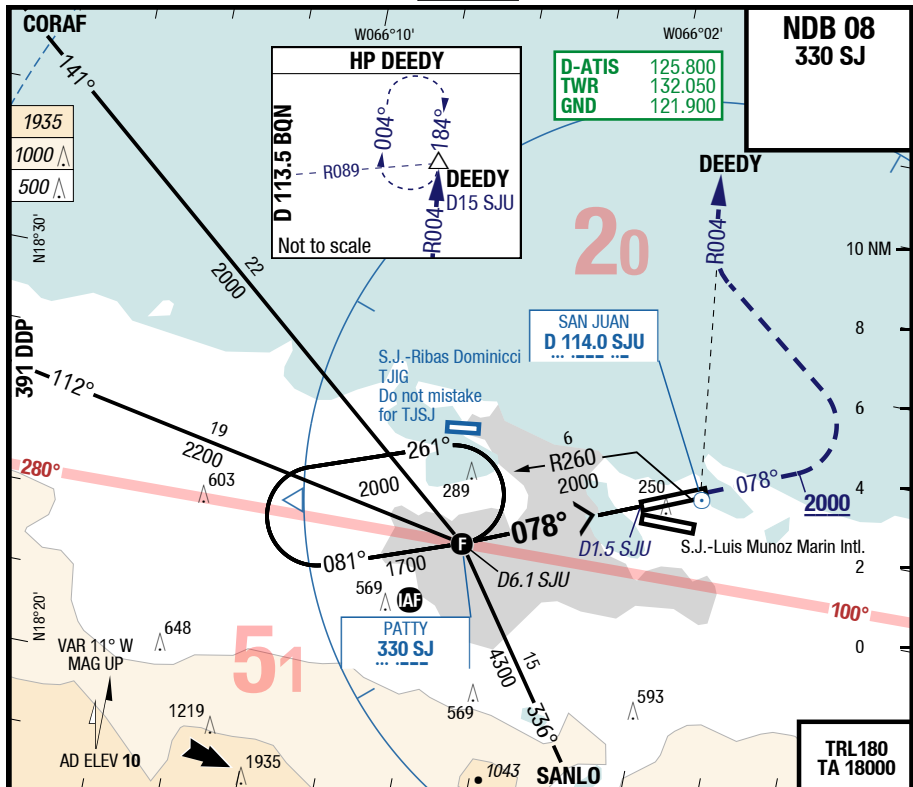


AMDT 2A

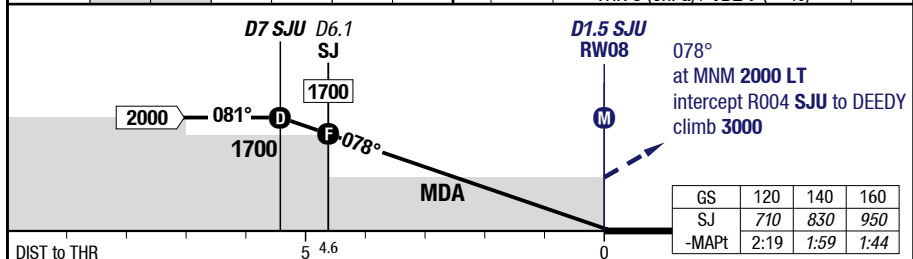
VOR 26



28-DEC-2017

Puerto Rico **San Juan** Luis Munoz Marin Intl**SJU-TJSJ****7-100****NDB 08****IAC**

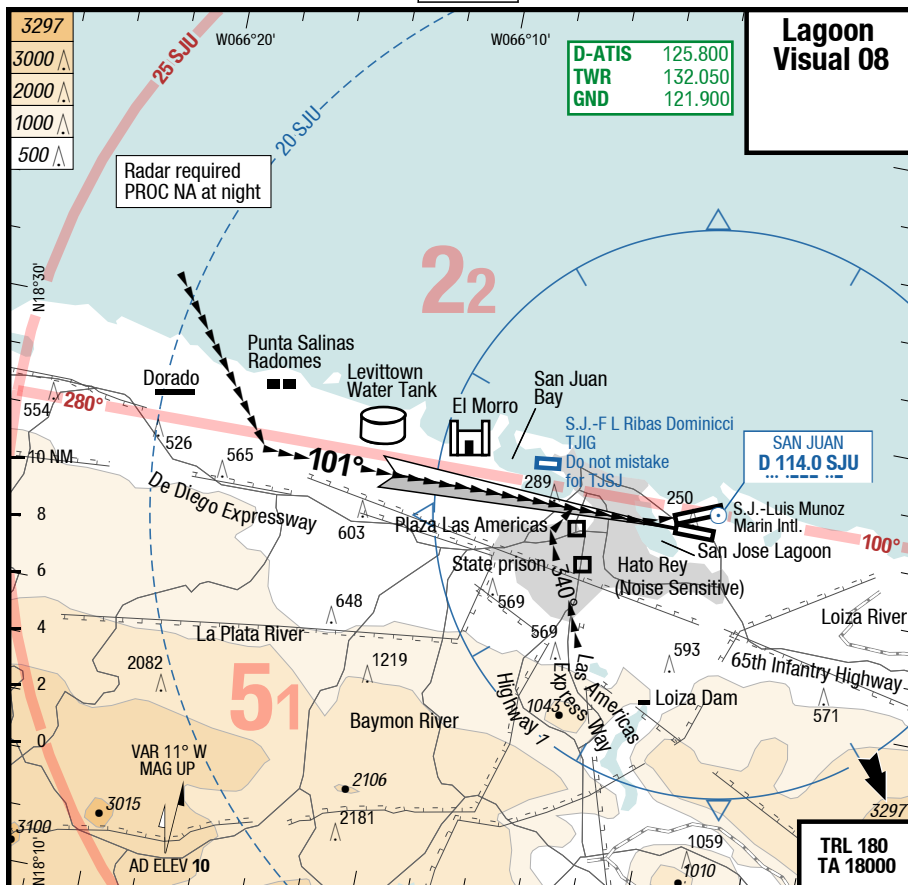
3.36°			7	6	5	4		83.0°	60 HL
D SJU			2000	1660	1300	950	08	122 2860 G 61	
							ML-P1R	THR 8 (0hPa) / TDZ 9 (---%)	0.0%



08	NDB				Circling TERPS
C	ft - ft/SM ft	600 - 1.25V 600			600 - 1.5V 610
D	ft - ft/SM ft	600 - 1.5V 600			700 - 2.25V 710

Changes: TDZE, OBST, AD ELEV, Editorial

28-DEC-2017

Puerto Rico **San Juan** Luis Munoz Marin Intl**SJU-TJSJ****7-110****Lagoon Visual 08****VAC****VISUAL****08**

83.0°

122 2860 G 61

60 HL

ML-P1R

THR 8 (OhPa) / TDZ 9 (---%)

0.0%

When cleared for Lagoon Visual Runway 08 Approach, proceed visually to intercept and fly the RWY 10 final approach track. At the west end of the San Jose Lagoon turn left to land on RWY 08.

08	VISUAL ¹⁾					Circling TERPS
C	ft - ft/SM ft	C 2000 - 5.0V				Not published
D	ft - ft/SM ft	C 2000 - 5.0V				Not published

1) HJ only

Changes: OBST, AD ELEV