

20-OCT-2016

SJU-TJSJ**1-10****AOI****AOI****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.

20-OCT-2016

SJU-TJSJ**1-20****AOI****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

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

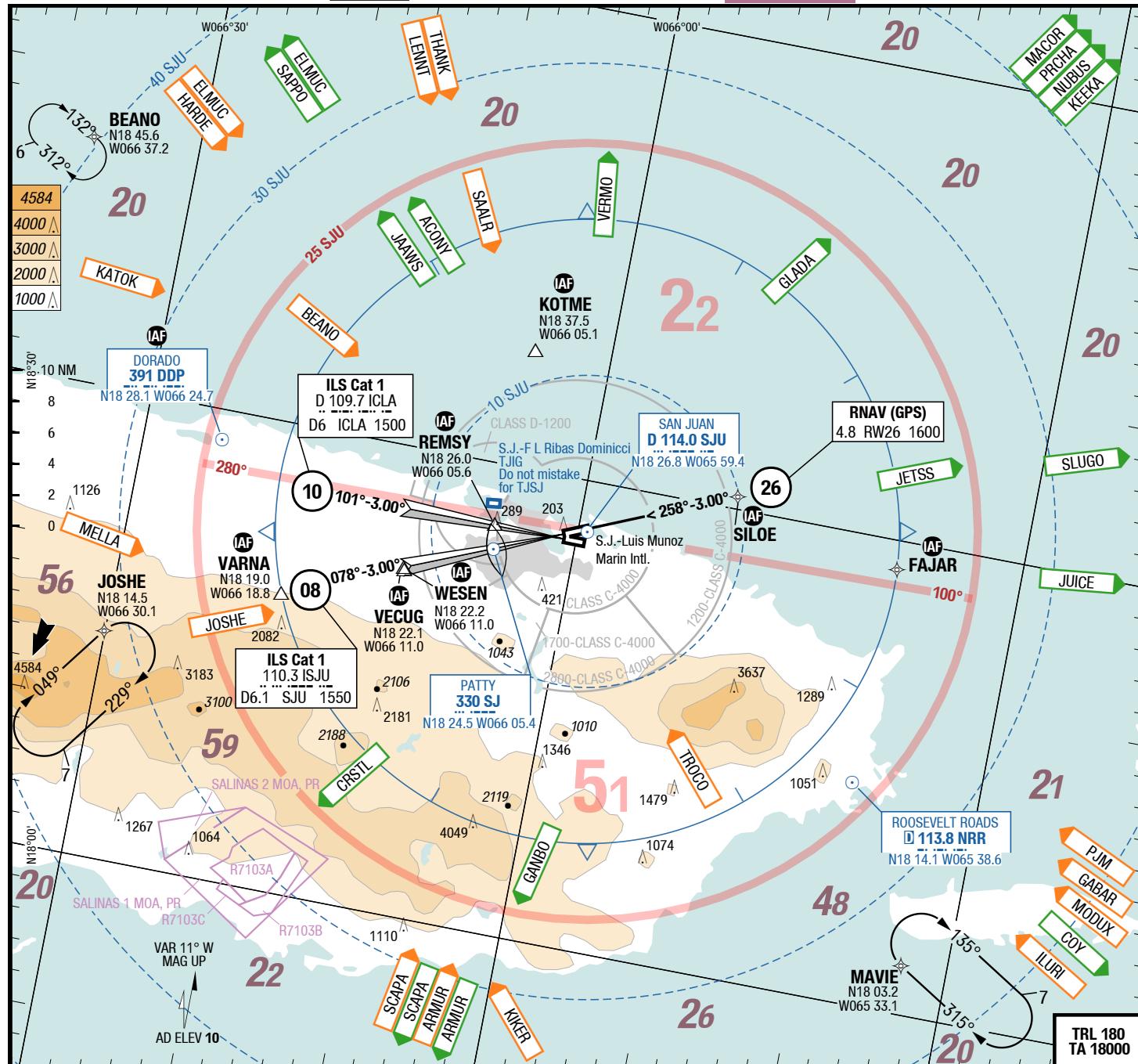
AGC

AH

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

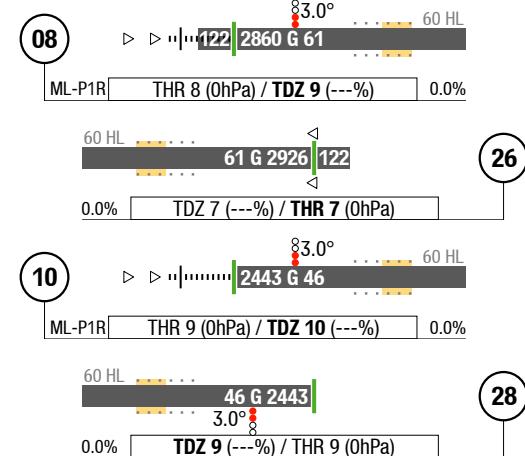
SJU-TJSJ

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
	122.200		
DLV	126.400		
CPDLC	DCL		
PDC			

Landing RWY system:



28-DEC-2017

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

3-20

AGC

AGC

AGO

SJU-TJSJ



28-DEC-2017

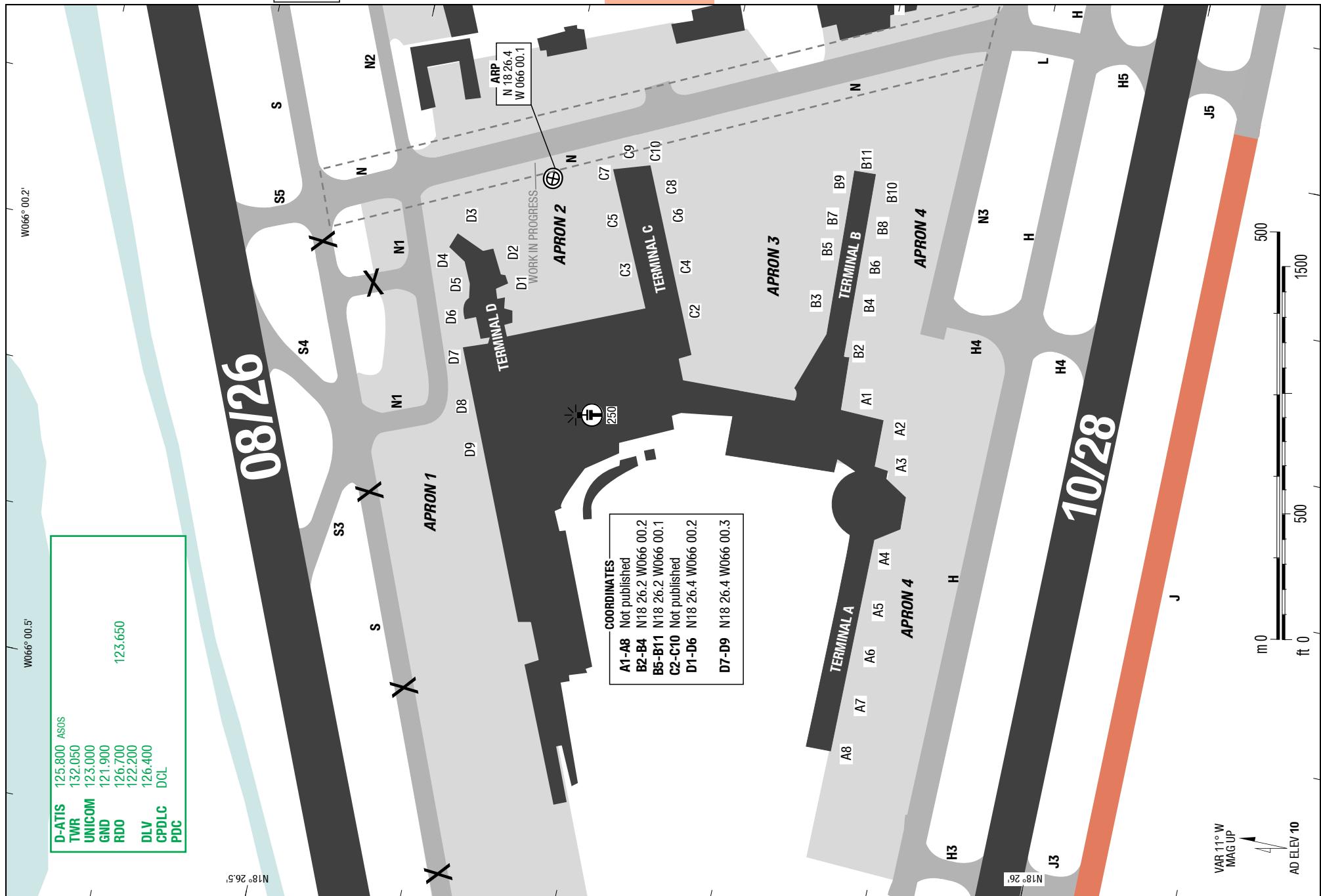
SJU-TJSJ

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

3-30

9
APC

Luis
NIL
APC



Changes: FREQ, WIP, AD ELEV

Effective 10-DEC-2015

Puerto Rico (US) San Juan Luis Munoz Marin Intl

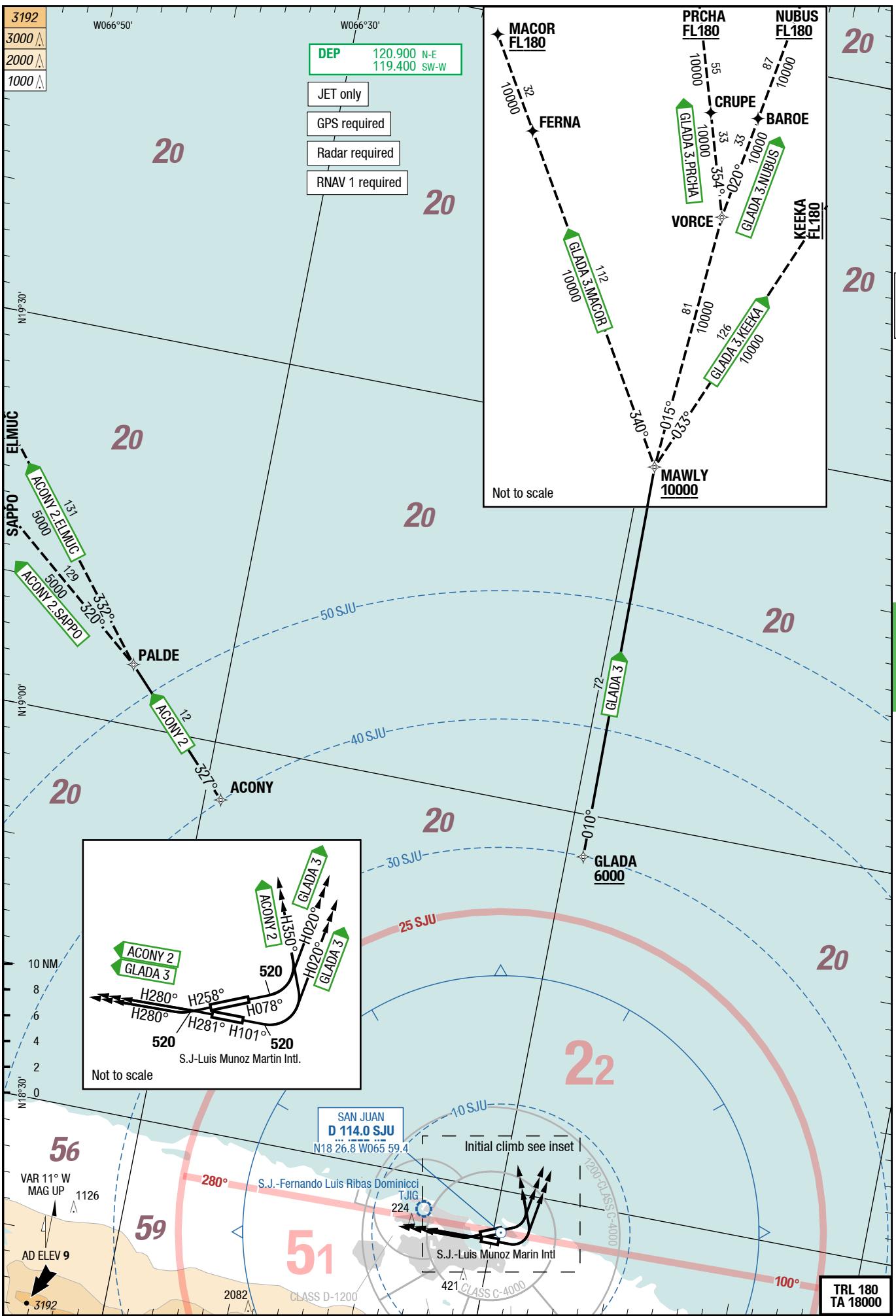
Luis Munoz Marin Intl San Juan Puerto Rico (US) CABDO 1 DMAX

SJJU-TJSJ

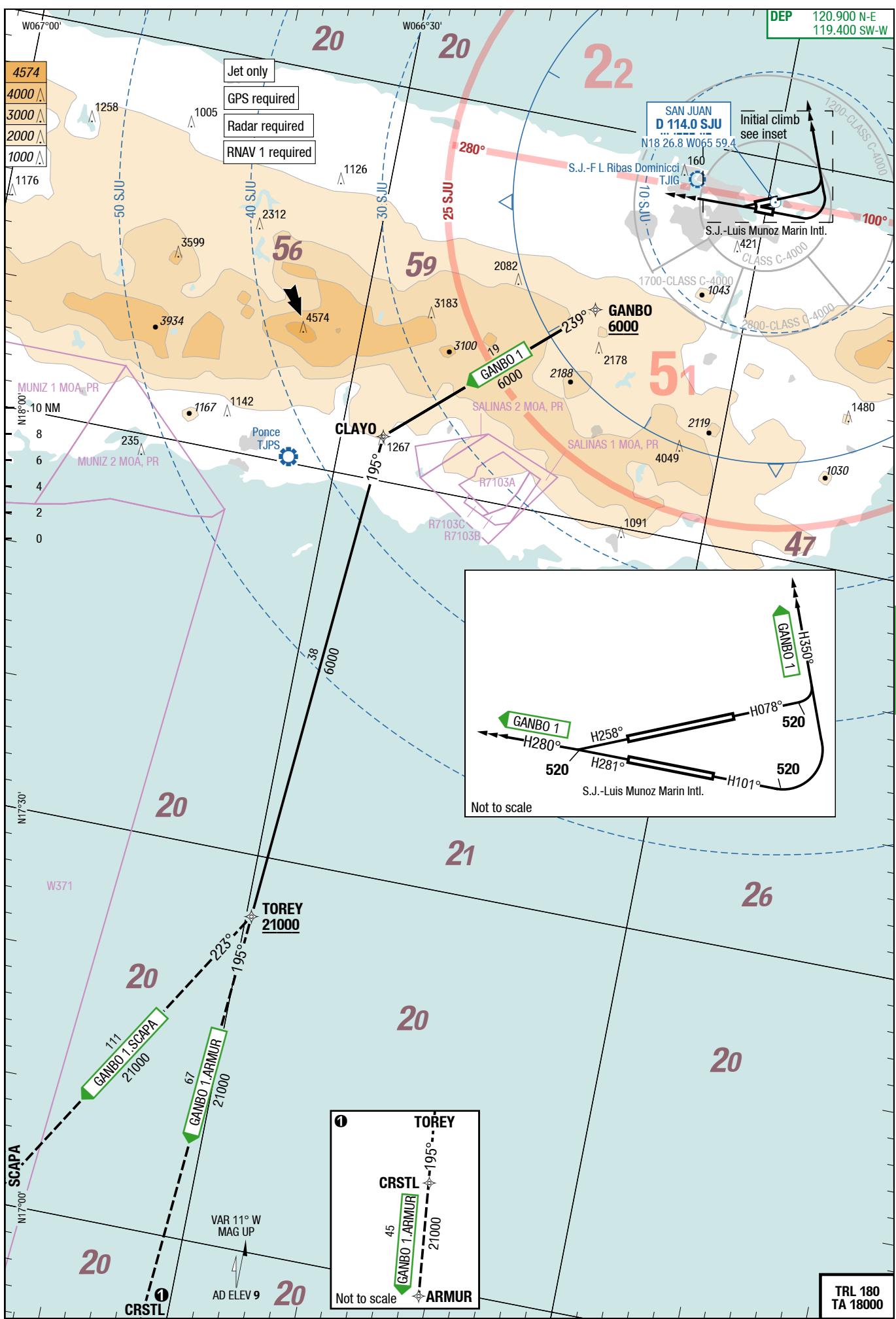
4-10 ACONY 2 RNAV / GLADA 3 RNAV

S

ACONY 2 RNAV / GLADA 3 RNAV



Changes: Nil



Effective 10-Nov-2016
03-NOV-2016

SJU-TJSJ

Puerto Rico (US) San Juan Luis Munoz Marin Intl

Luis Munoz Marin Intl San Juan Puerto Rico (US)

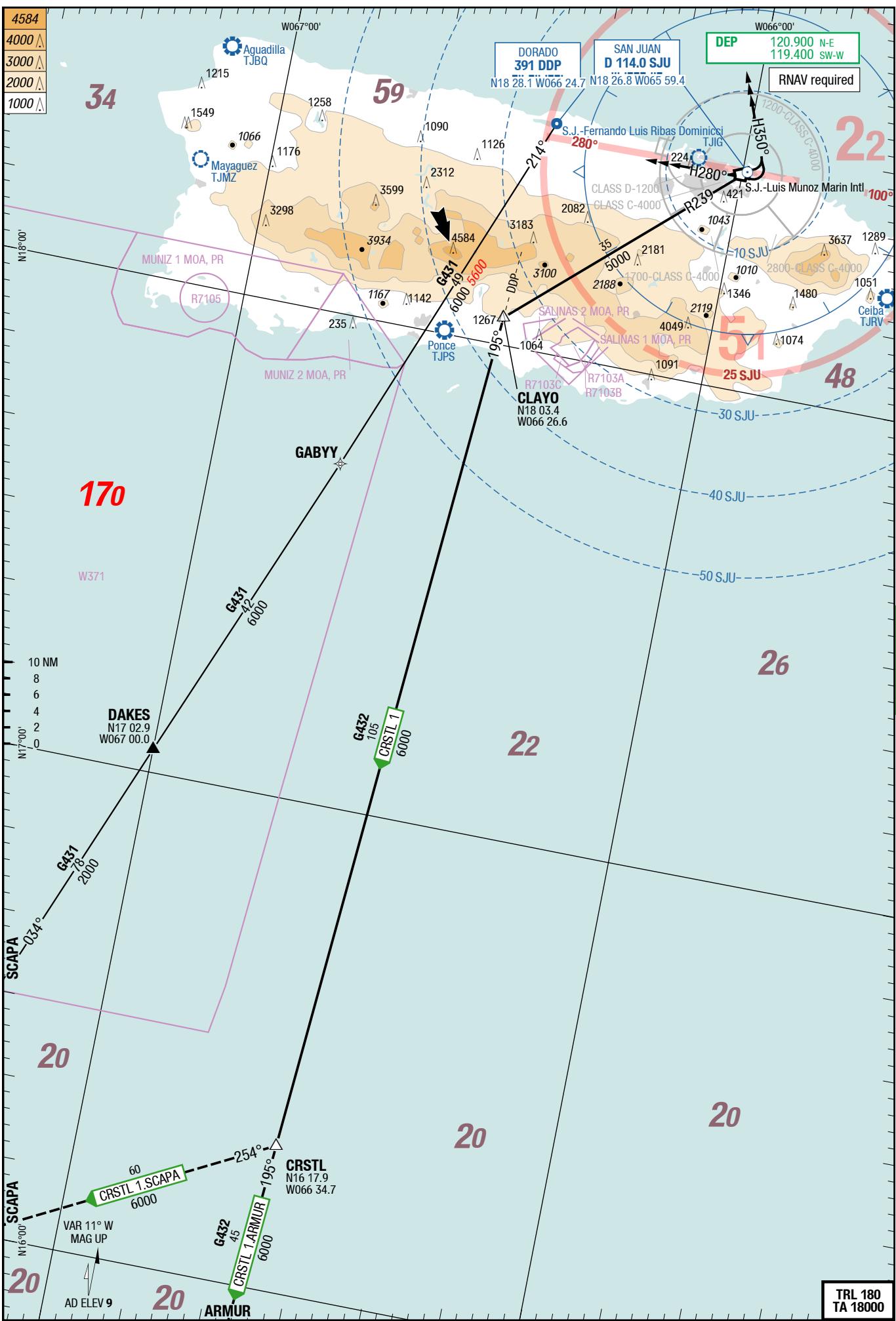
4-30

CRSTL 1

SID
SID

CRSTL 1

TRL 180
TA 18000



Effective 10-Nov-2016

Puerto Rico (US) San Juan Luis Munoz Marin Intl

Luis Munoz Marin Intl San Juan Puerto Rico (US)

SJU-TJSJ

4-40

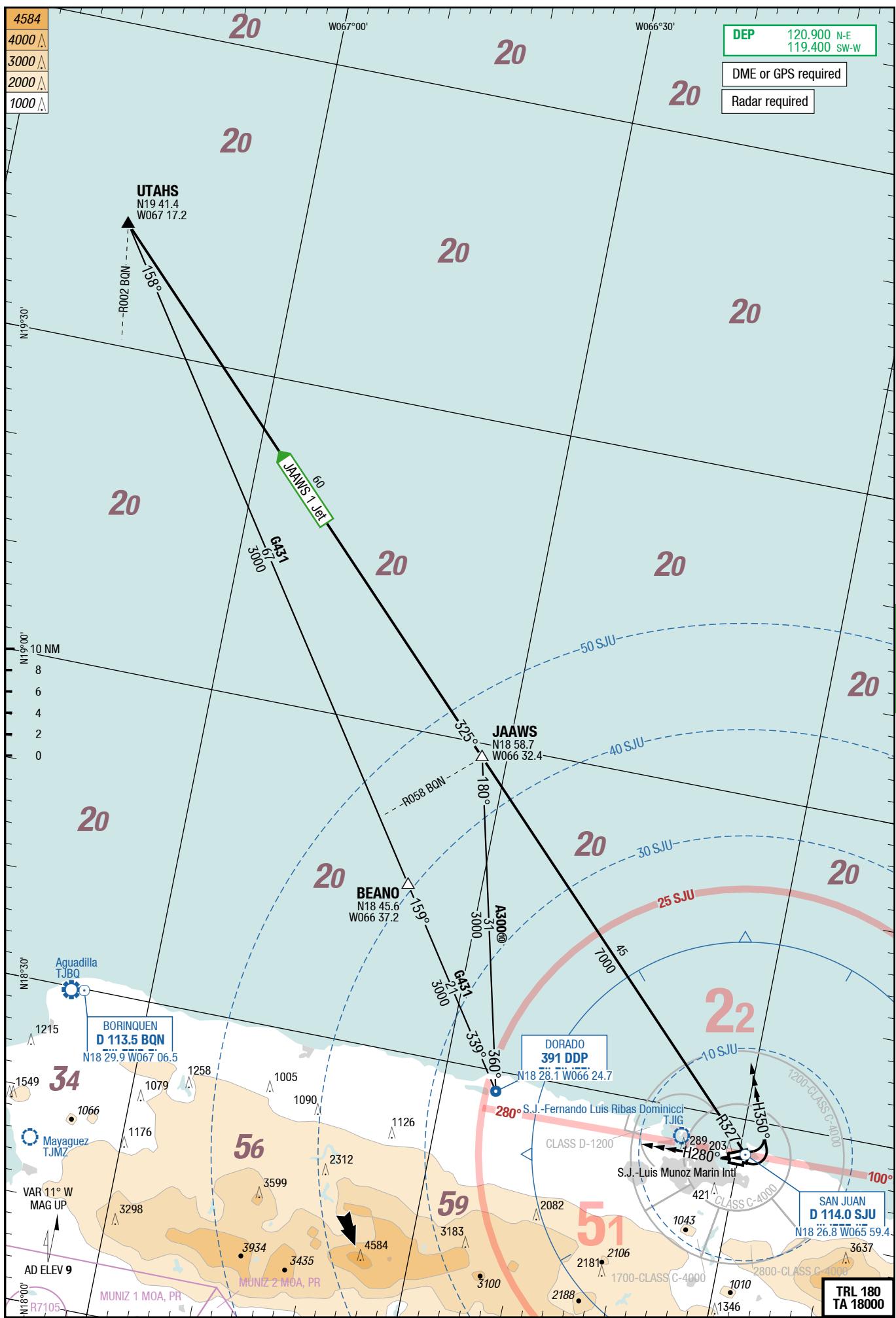
JAAWS 1

SID
SID

JAAWS 1

DEP 120.900 N-E
119.400 SW-W

DME or GPS required
Radar required



06-OCT-2016

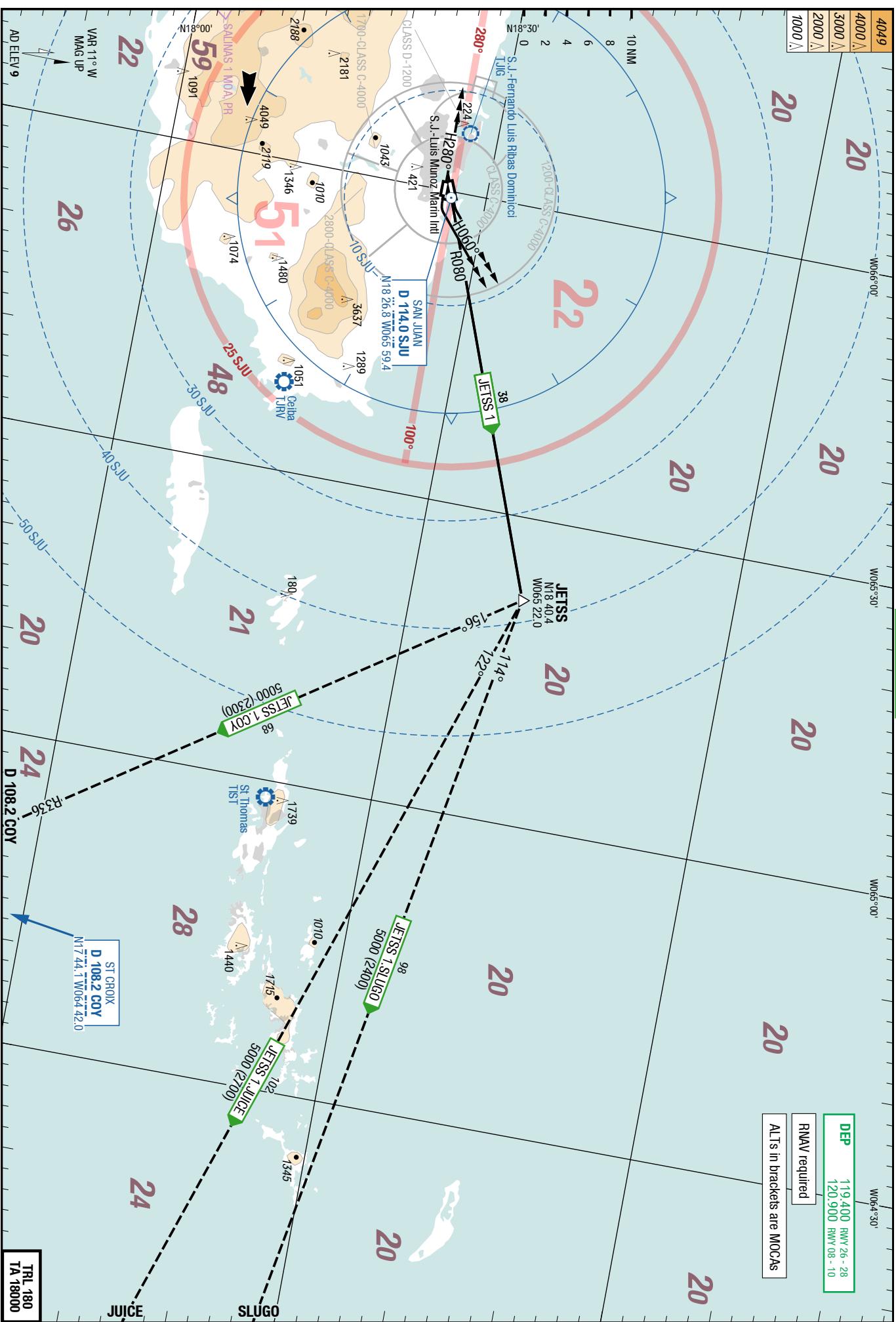
SJU-TJSJ**4-50****JETSS 1****SD****JETSS 1**

Luis Munoz Marin Intl San Juan Puerto Rico (US)

VERMO 5
W065°30'

DEP
119,400 RWY 26 - 28 120,900 RWY 08 - 10

RNAV required
ALTs in brackets are MOCAs

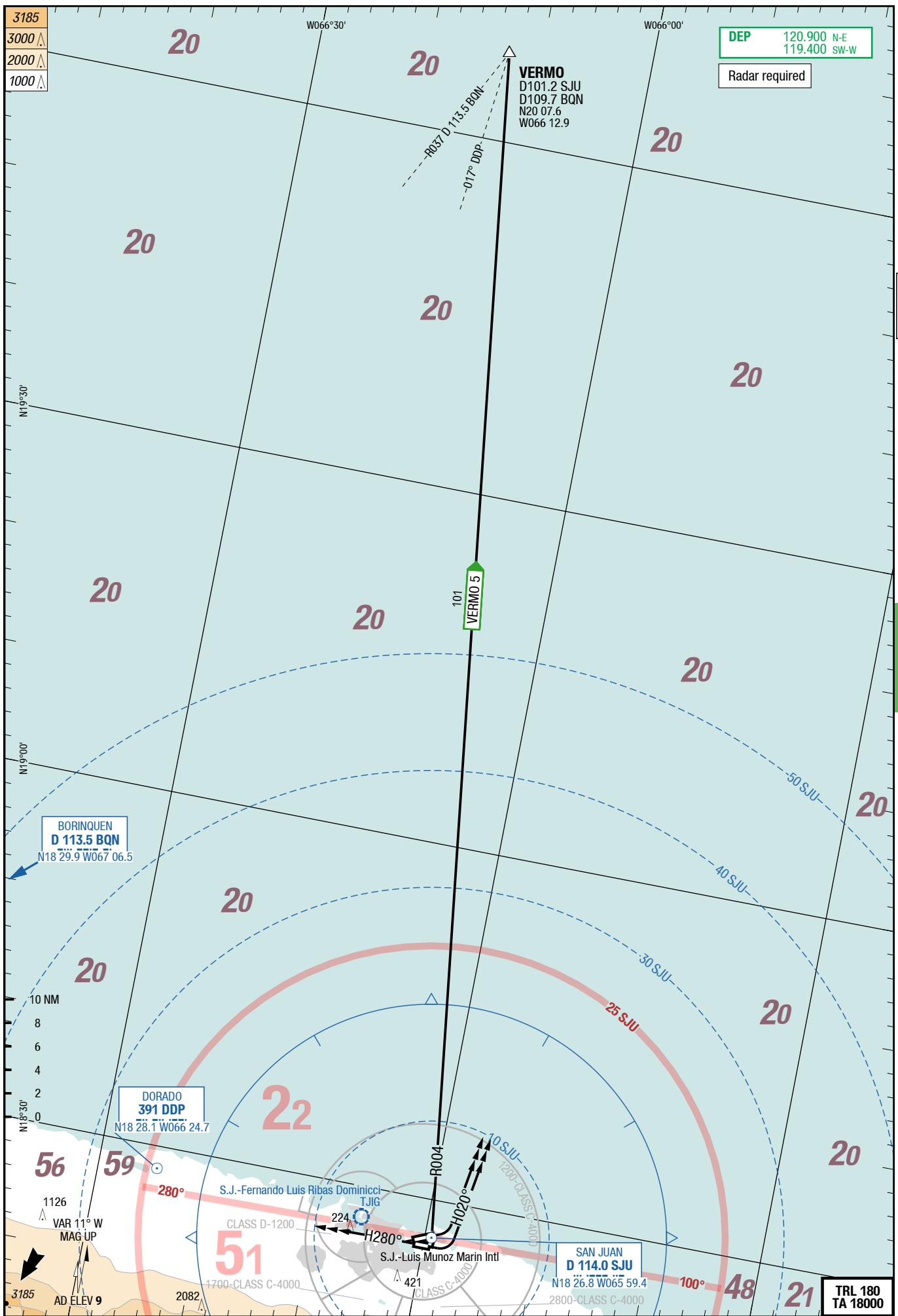


06-0CT-2016

SJU-TJSJ

Puerto Rico (US) San Juan Luis Munoz Marin Intl

Luis Munoz Marin Intl San Juan Puerto Rico (US)



SJU-TJSJ**5-10****ACONY 2 RNAV / GLADA 3 RNAV**

SIDPT

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

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.

06-OCT-2016

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 CLAYO - CRSTL	
RWY 10	LT HDG 350° - vectors to intercept R239 SJU to CLAYO - CRSTL	
RWY 26	HDG 280° - vectors to intercept R239 SJU to CLAYO - CRSTL	
RWY 28	HDG 280° - vectors to intercept R239 SJU to CLAYO - CRSTL	
	TRANSITION	
	ARMUR CRSTL - ARMUR	
	SCAPA CRSTL - SCAPA	

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

SJU-TJSJ

5-50

JAAWS 1

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.

SJU-TJSJ

5-60

JETSS 1

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

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

Puerto Rico (US) San Juan Luis Munoz Marin Intl

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

SJU-TJSJ

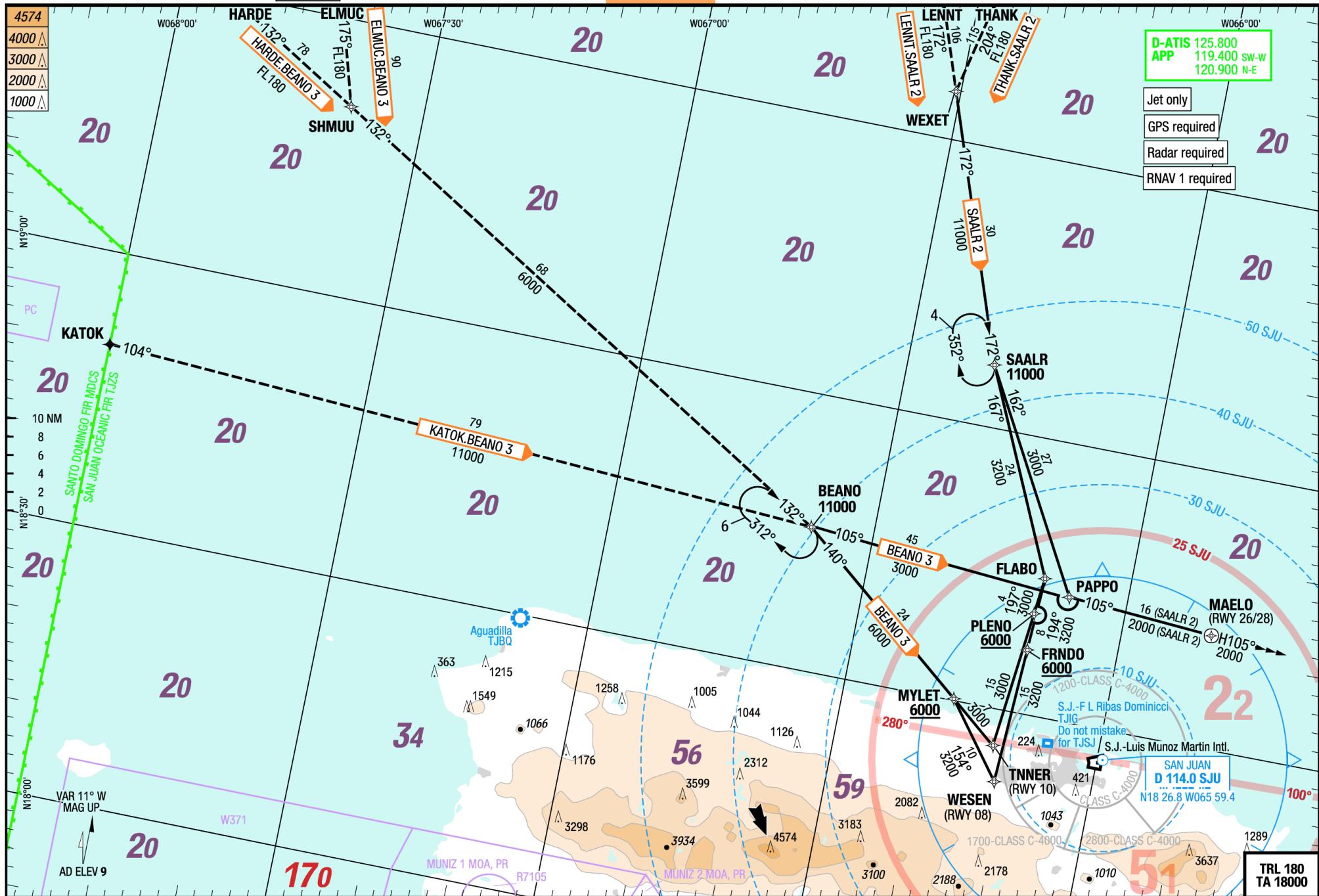
6-10 BEANO 3 RNAV / SAALR 2 RNAV

STAR

CTAD

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

BEANO 3 RNAV / SAALR 2 RNAV



Changes: ALT, OBST, Procedure renumbered

Effective 18-NOV-2010
11-NOV-2010

Puerto Rico (US) San Juan Luis Munoz Marin Intl

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

SJU-TJSJ

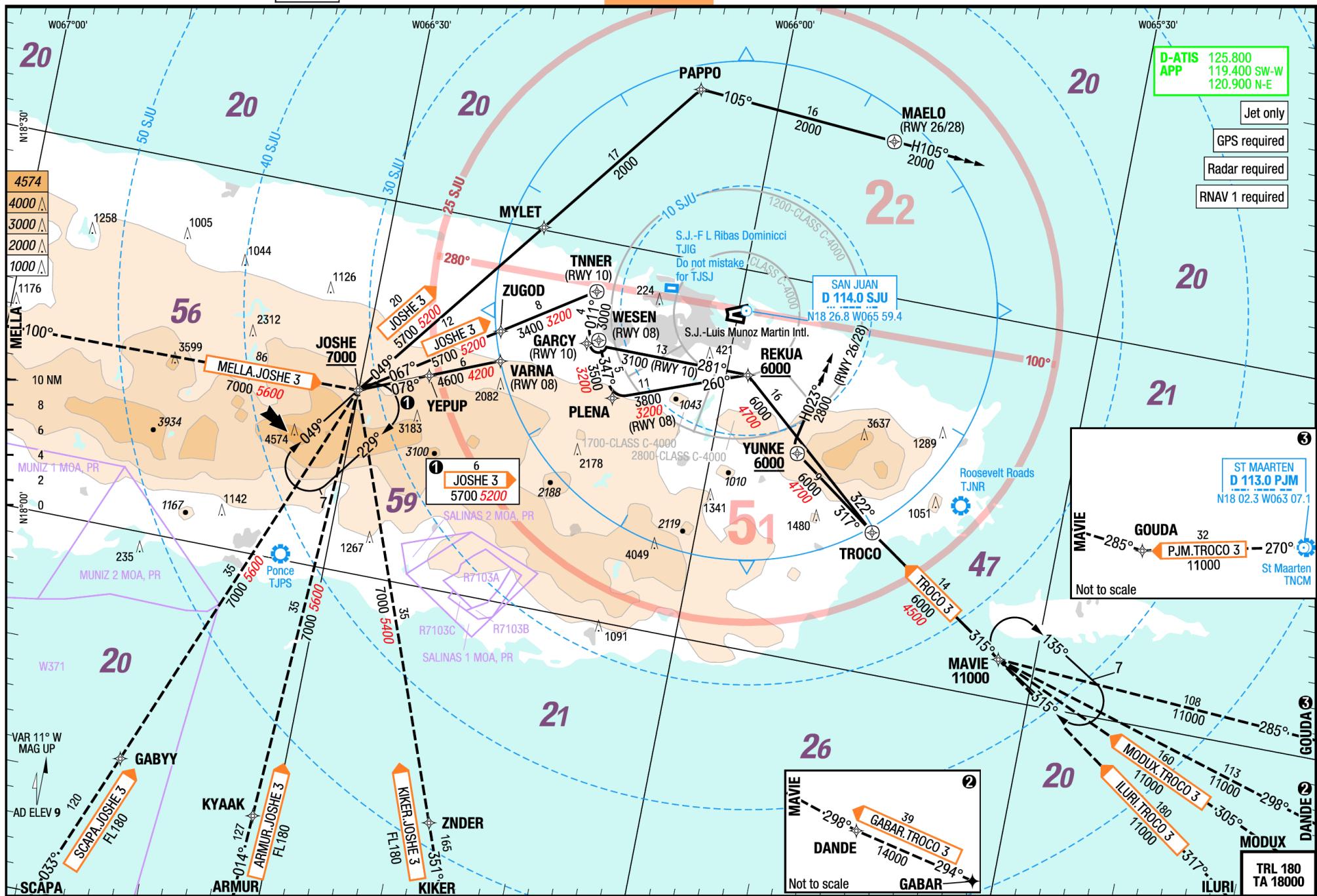
6-20 JOSHE 3 RNAV / TROCO 3 RNAV

STAR

STAR

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

JOSHE 3 RNAV / TROCO 3 RNAV



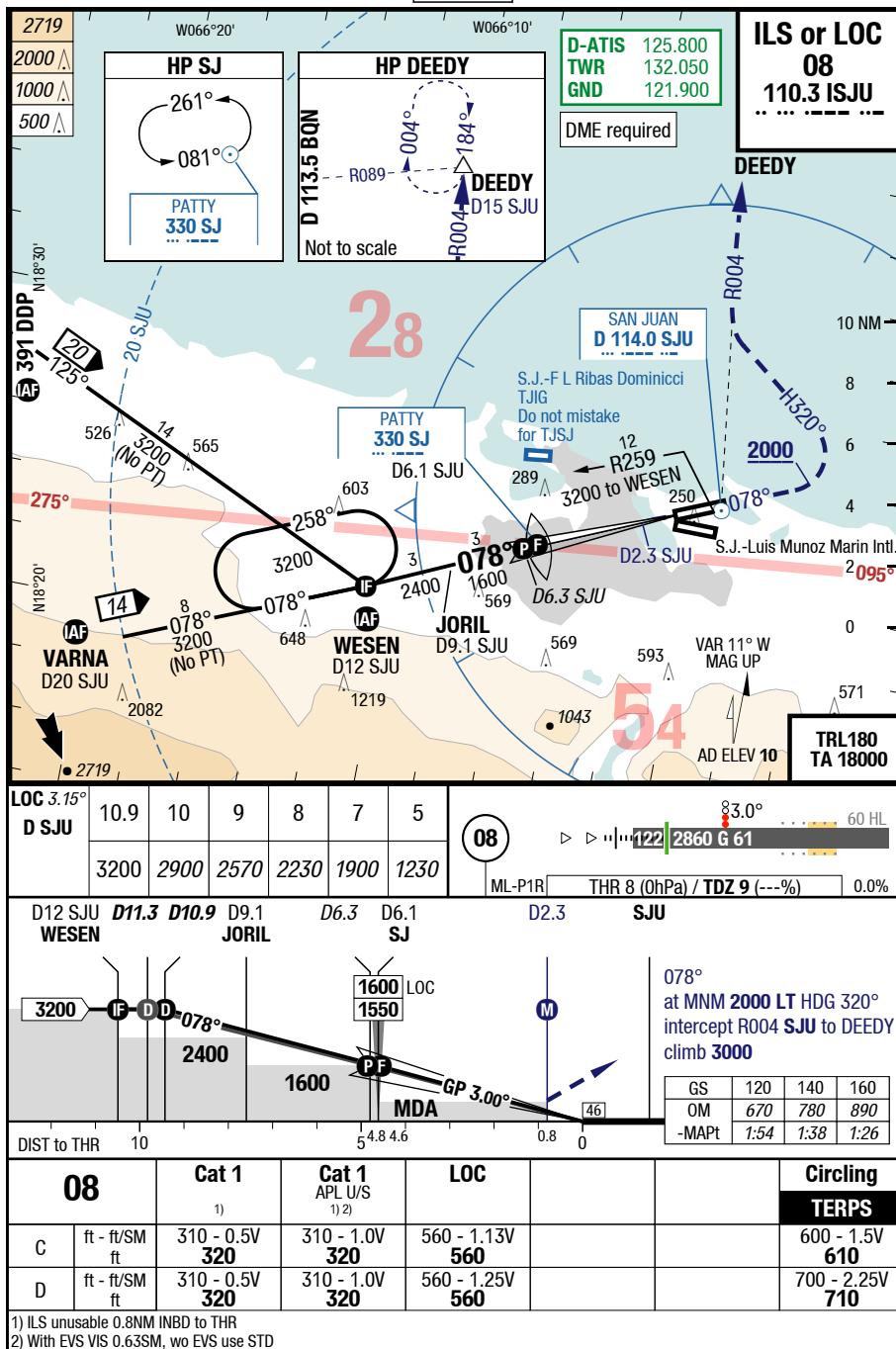
28-DEC-2017

SJU-TJSJ

7-10

ILS or LOC 08

IAC



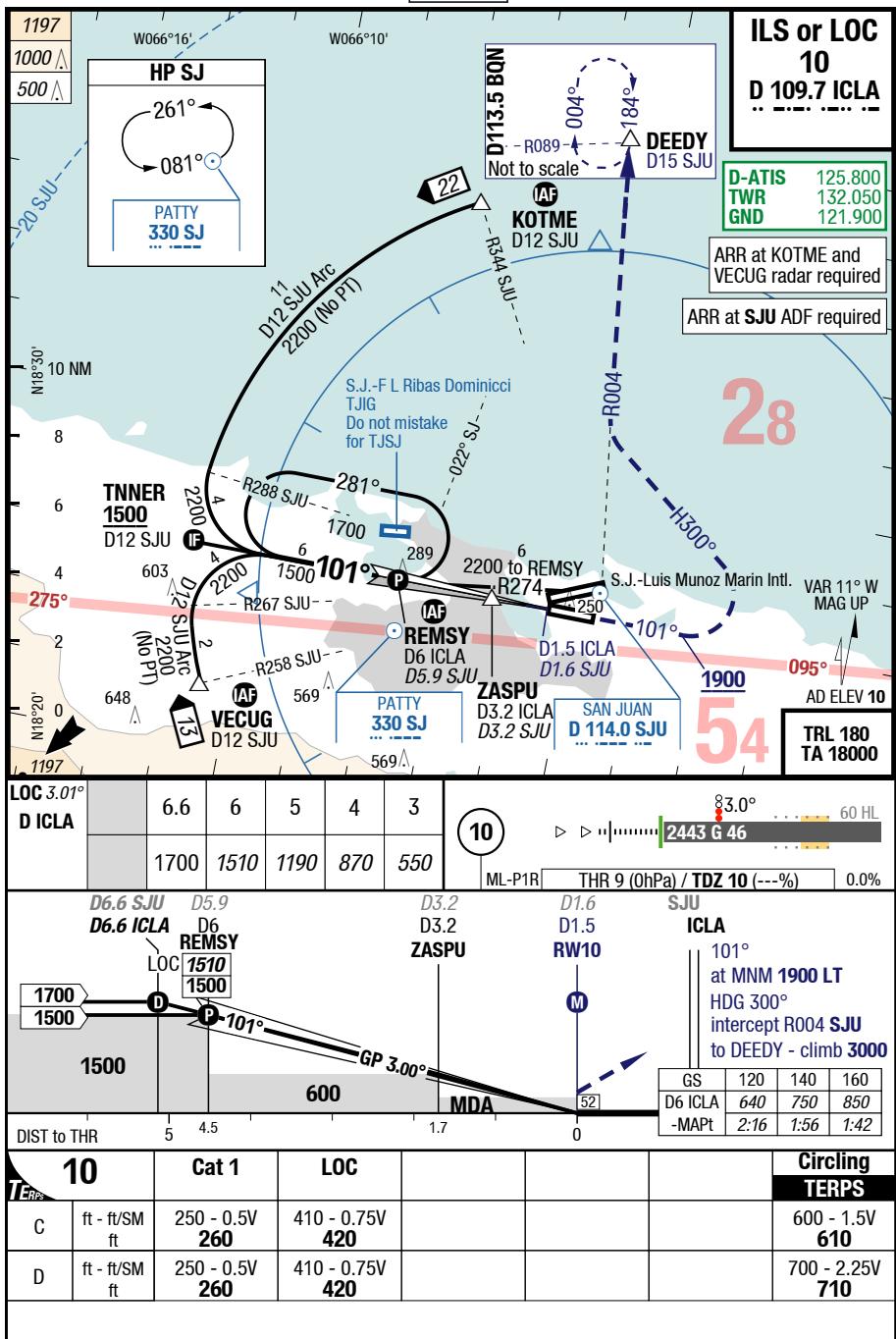
Changes: TDZE, OBST, AD ELEV, Editorial

28-DEC-2017

SJU-TJSJ

7-20

ILS or LOC 10

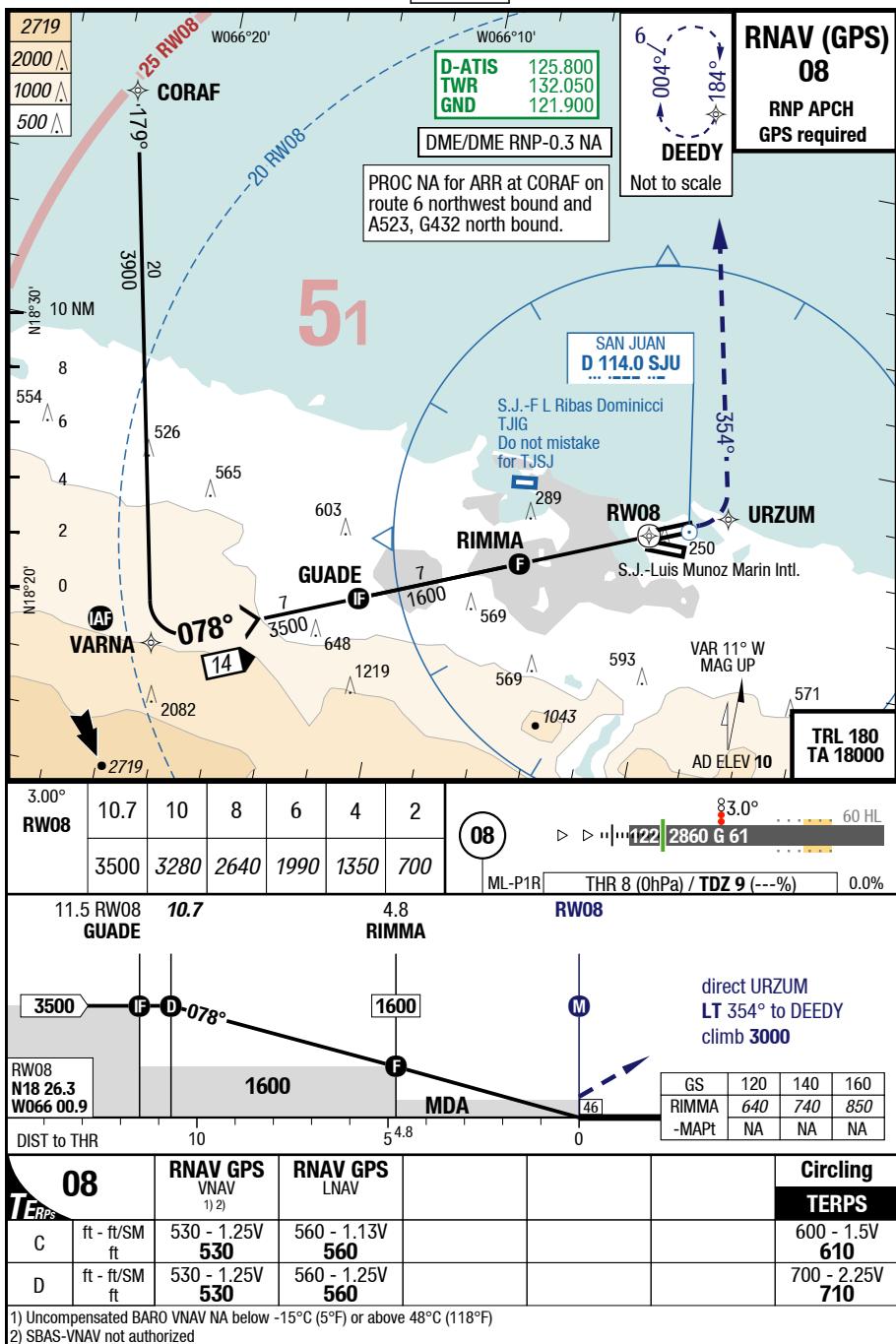


28-DEC-2017

SJU-TJSJ

7-30

RNAV (GPS) 08

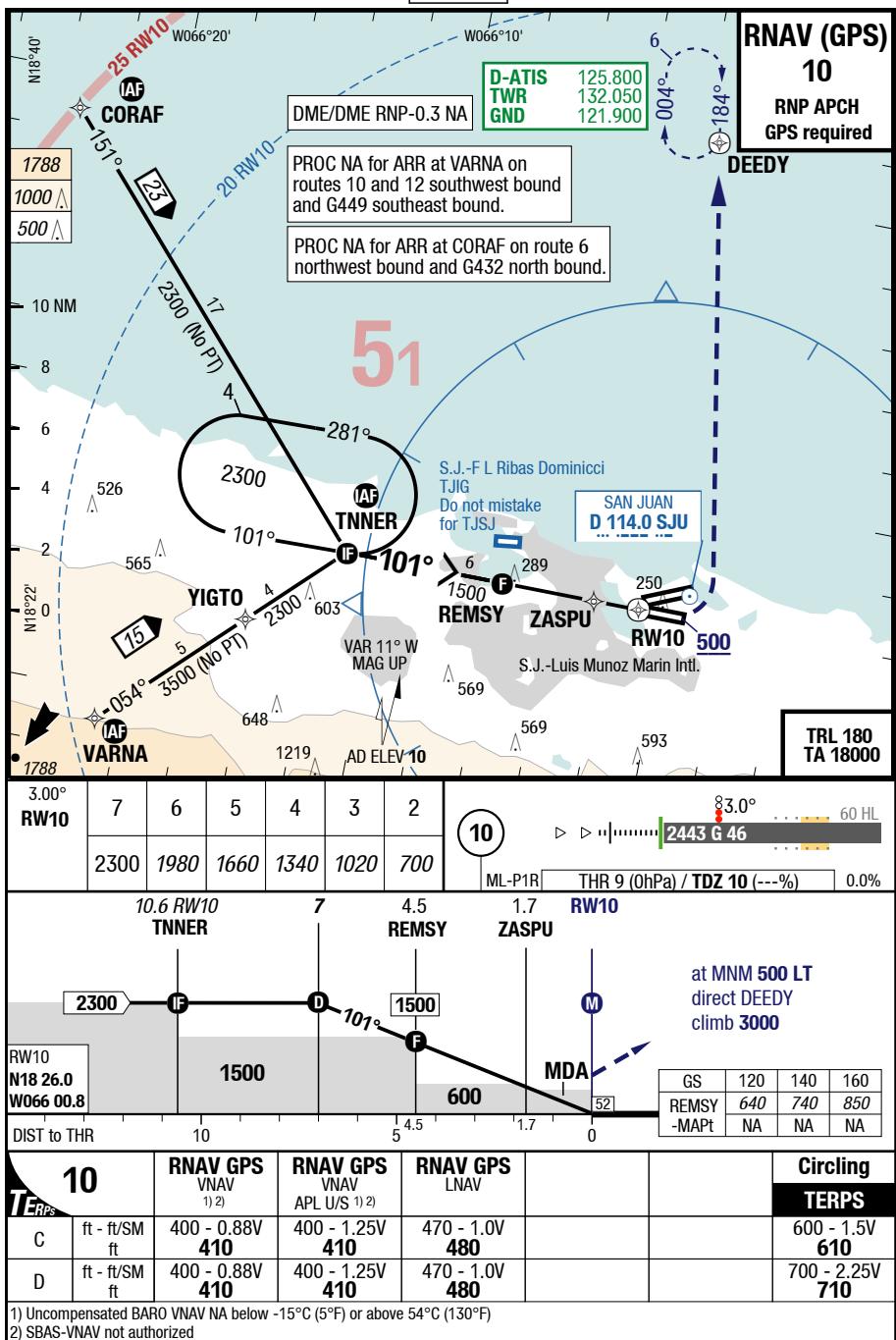


28-DEC-2017

SJU-TJSJ

7-40

RNAV (GPS) 10



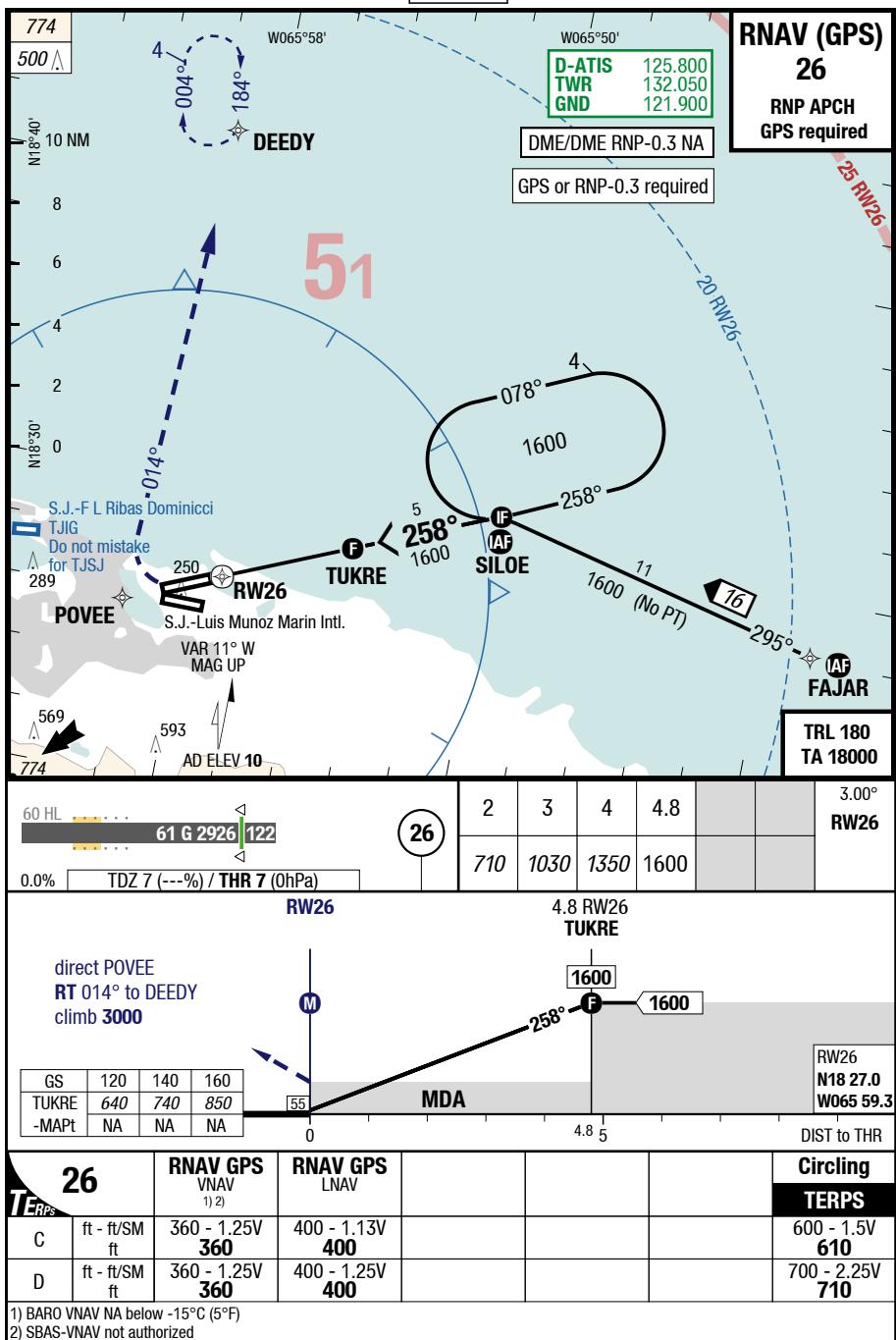
28-DEC-2017

SJU-TJSJ

7-50

RNAV (GPS) 26

IAC



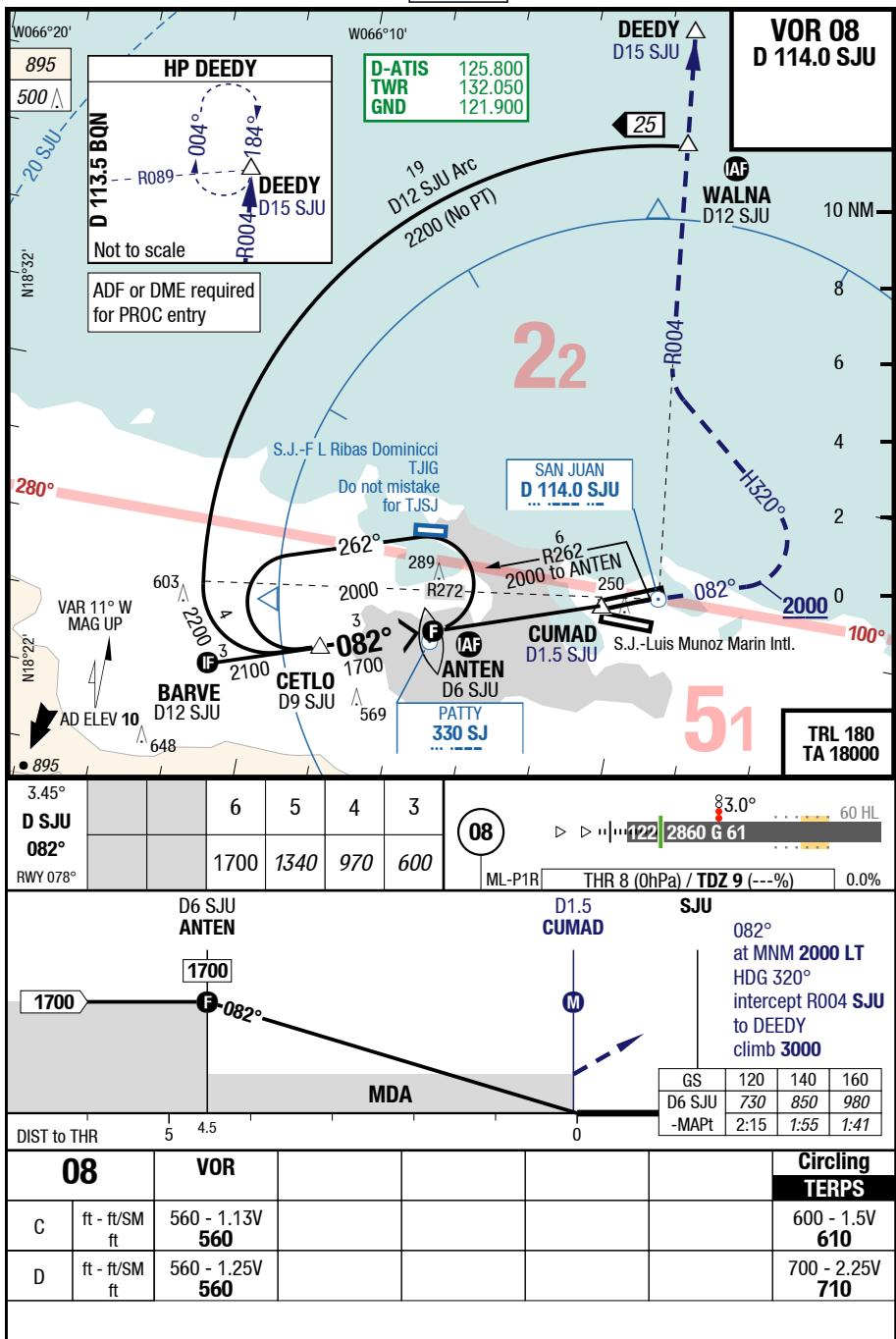
28-DEC-2017

SJU-TJSJ

7-70

IAC

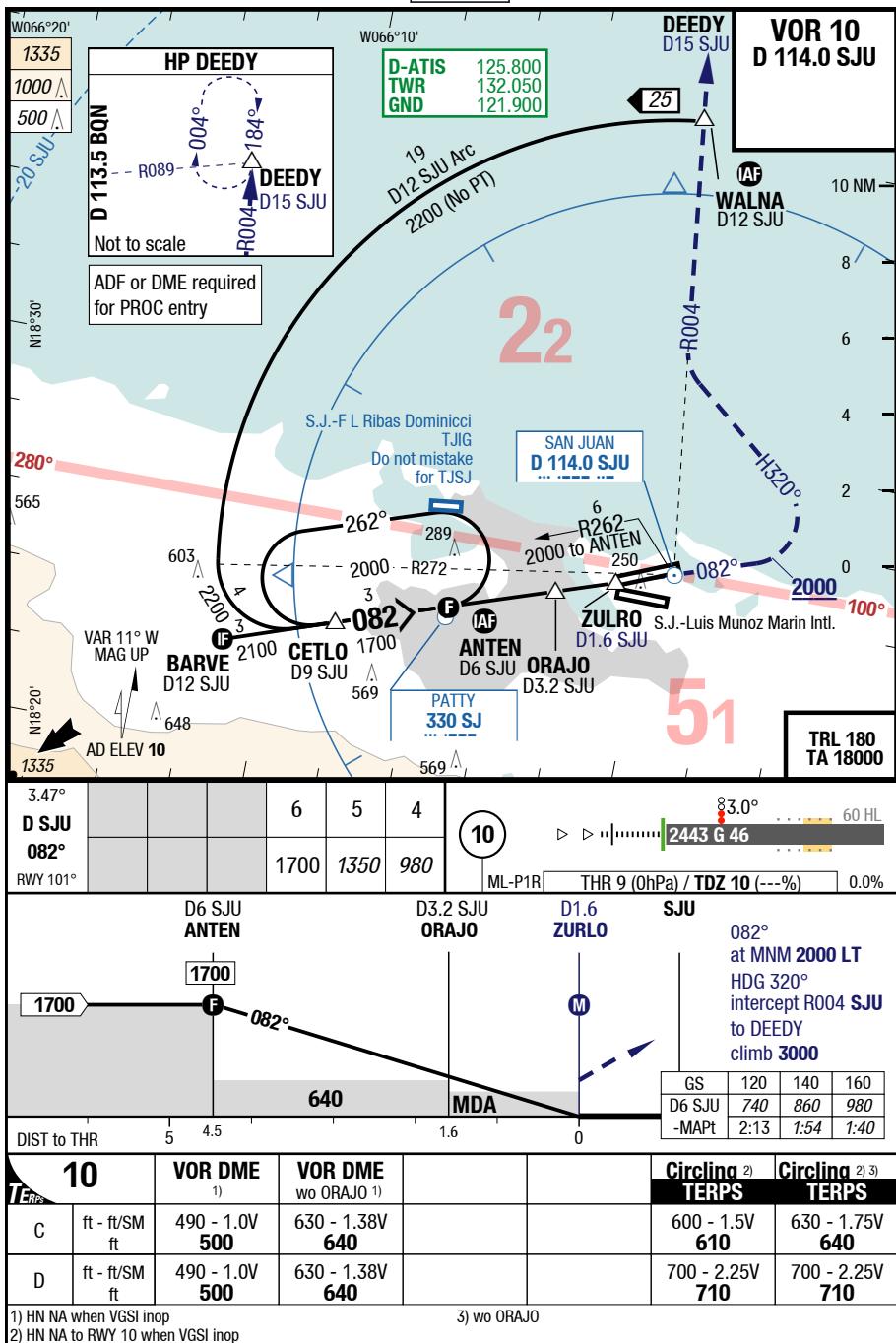
VOR 08



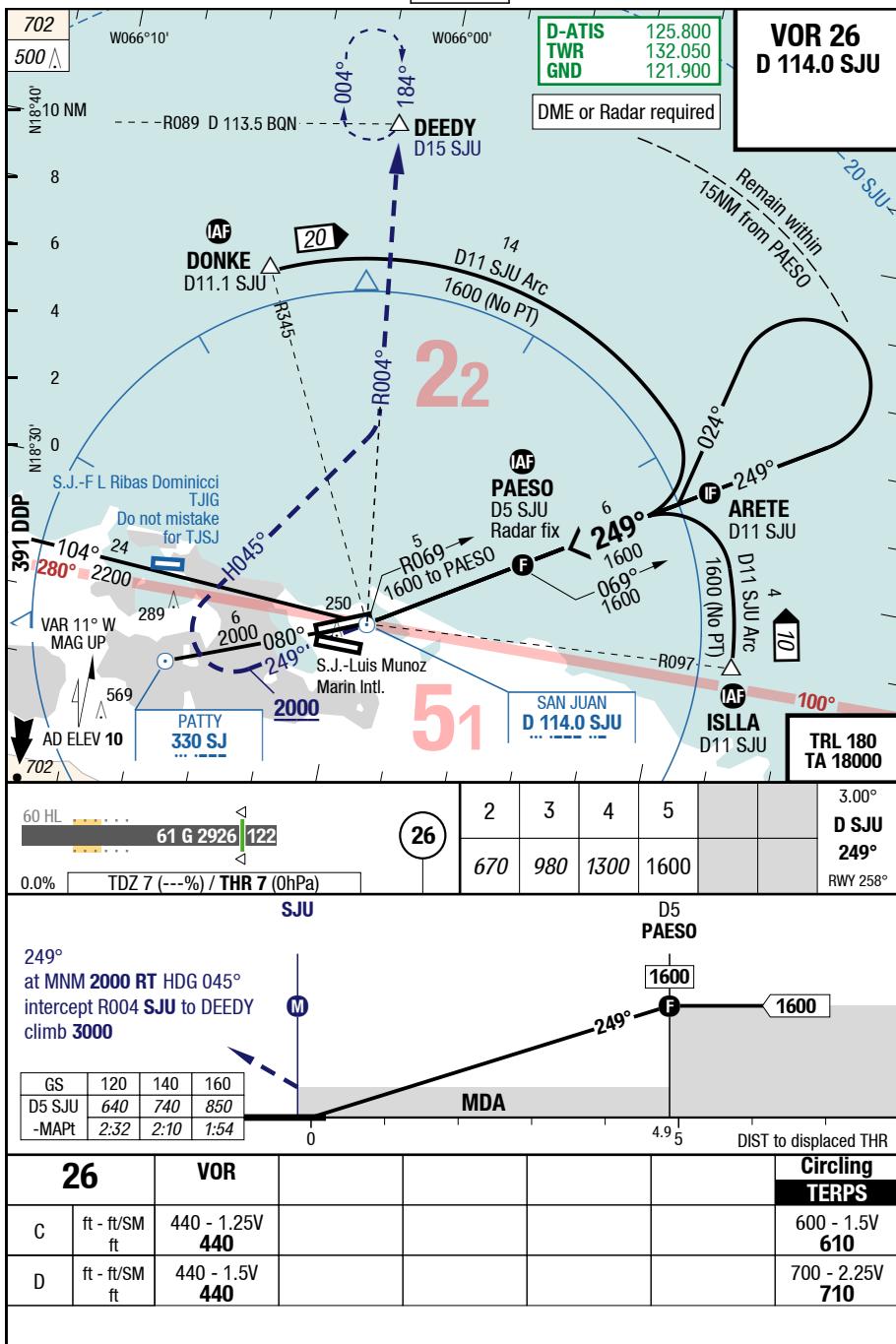
28-DEC-2017

SJU-TJSJ

7-80

VOR 10

28-DEC-2017

SJU-TJSJ**7-90****VOR 26**

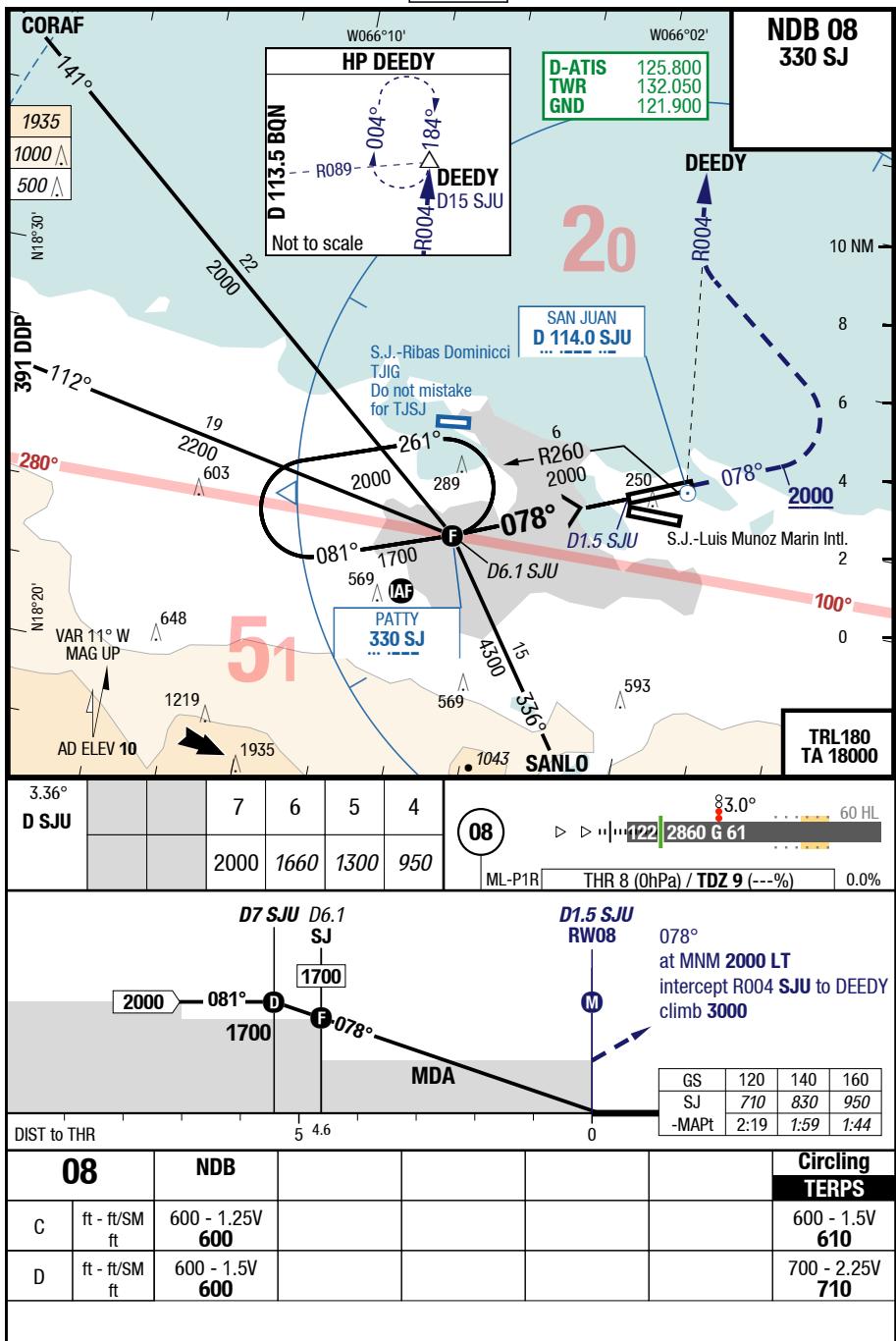
28-DEC-2017

SJU-TJSJ

7-100

IAC

NDB 08



Changes: TDZE, OBST, AD ELEV, Editorial

28-DEC-2017

SJU-TJSJ

7-110

Lagoon Visual 08

VAC

