

GENERAL**Operational Hours****ATS Hours / AD OPS Hours:** H24**Airport Information****RFF:** FAA Index D / CAT 8**Fuel:** Jet A**PCN:** RWY 09/27: 75/F/A/W/T**Operation****Wake Turbulence Aircraft Recategorization (RECAT)**

RECAT phase II is applied at this airport. See CRAR.

Runway Status Lights (RWSL)

RWSL system on test. See AGC for details.

Transponder OPS

ASDE-X in use. Operate transponders with ALT reporting Mode and ADS-B (if equipped) enabled on all airport surfaces.

TWY Restrictions

Taxilane A MAX wingspan 41m / 135ft.

TWY F: ENG start prohibited until 244m / 800ft from N end of TWY F; abeam the 2nd PRKG pad.

Taxi/Parking

For manoeuvring 4 ENG ACFT use idle PWR on outer ENG.

Passing to S of ACFT located on TWY B into alley between gates 7 and 14 prohibited.

For access to/from Terminal 2 West:

Gates 40-51 and the Island and west Ron parking ramps, contact ramp control from 1400-0800±, contact GND from 0800-1400±.

ACFT with wingspan 61m / 200ft and above inbound to west ramp or gates 47 or 51 must access via TCP1.

VOR Test Facility (VOT): 109.0**Warnings**

RWY 09/27: Between 0830-1230± 30min PPR required due WIP.

PGY VOR/DME unusable:

R060-R080 beyond 25NM.

R080-R100.

MZB VOR unusable:

R100-R130 beyond 17NM

R130-R190 beyond 14NM

R190 -R219 beyond 20NM

R308-R350 beyond 20NM below 8000ft.

Birds in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

MAX IAS 200KT underneath class B airspace.

Communication

COM Failure: See CRAR and in addition;

LYNDI

Join the San Diego RNAV (GPS) RWY 27 APCH at LYNDI. If unable, proceed direct VYDDA and join the San Diego LOC RWY 27 APCH.

TOPGN

Proceed direct SARGS then on ILS or LOC RWY 09 APCH.

Arrival Procedure**Visual Separation OPS**

When WX or operational conditions permit, ATC will provide visual between IFR ARR RWY 27 and other traffic transitioning class B ASP over San Diego Bay, in order to enhance efficiency.

VFR Traffic Pattern

RWY 27/09 right-hand circuit.

Non-standard GP intercept position on RWY 09

GP intercepts RWY 09 at *310m / 1016ft* after landing threshold.

Remaining LDG DIST beyond GP is *1909m / 6264ft*.

Warnings

PAPI RWY 27 unusable: beyond 5° left and right of CL.

DEPARTURE**Take-off Minima**

RWY		27	
	ft - ft/SM	SID BORDER, SID FALCC	
1+2 ENG		0 - 5000R/1.0V	MNM climb gradient 5.9% up to 400
3+4 ENG		0 - 2400R/0.5V	
		SID PADRZ	
1+2 ENG		0 - 5000R/1.0V	MNM climb gradient 5.9% up to 3000
3+4 ENG		0 - 2400R/0.5V	
All ACFT		c400 - 2.5V	-
		SID ZZ000	
1+2 ENG		0 - 5000R/1.0V	MNM climb gradient 8.3% up to 520
3+4 ENG		0 - 2400R/0.5V	
		SID CWARD	
1+2 ENG		0 - 5000R/1.0V	MNM climb gradient 8.3% up to 3000
3+4 ENG		0 - 2400R/0.5V	
All ACFT		c400 - 2.5V	-
		SID ECHHO, SID MMOTO	
1+2 ENG		0 - 5000R/1.0V	MNM climb gradient 8.3% up to 4000
3+4 ENG		0 - 2400R/0.5V	
		All other departures	
1+2 ENG		0 - 5000R/1.0V	MNM climb gradient 5.9% up to 500
3+4 ENG		0 - 2400R/0.5V	
All ACFT		SID SAYOW	
		Not authorized	-
RWY		09	
	ft - ft/SM	SID BORDER, SID ECHHO, SID FALCC, SID MMOTO, SID SAYOW	
1+2 ENG		0 - 5000R/1.0V	MNM climb gradient 11.3% up to 1900
3+4 ENG		0 - 2400R/0.5V	
All ACFT		c400 - 1.0V	MNM climb gradient 10.1% up to 1900
		All other departures	
All ACFT		c400 - 1.75V	MNM climb gradient 4.8% up to 900
		SID CWARD, SID PADRZ, SID PEBLE	
All ACFT		Not authorized	-

DEPARTURE**Speed**

MAX IAS 250KT below 10000ft.

MAX IAS 200KT underneath class B airspace.

Communication

COM Failure: See CRAR.

Departure Procedure

Contact GND prior push-back, tow out and taxi for TFC advisories.

ATC Slot, Clearance

Start-up: Cross-bleed ENG starts permitted only on parallel TWY when aligned on TWY CL.

14-JUN-2018
SAN-KSAN

United States San Diego San Diego Intl

AGC
AFC

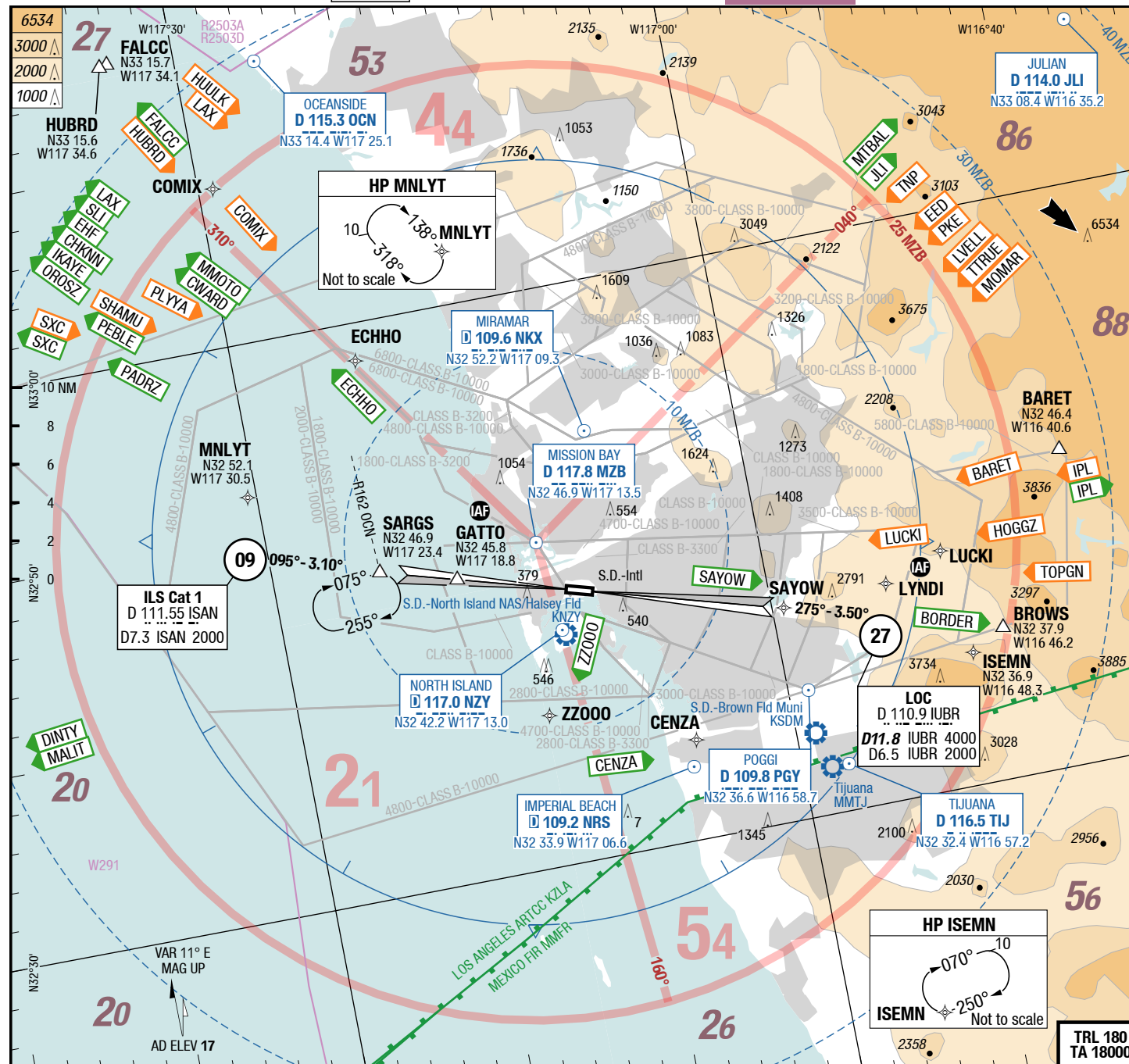
AFC

AFC

San Diego Intl San Diego United States

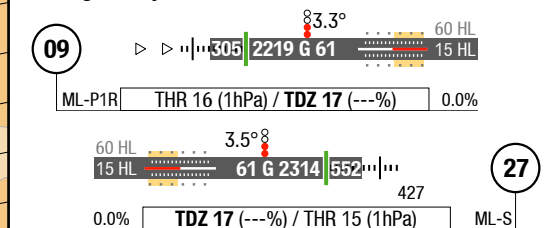
AGC
AFC

2-10



D-ATIS	134.800 ASOS
SOCAL APP	119.600 W
	124.350 E
	125.150
	125.300
	128.100
SOCAL DEP	119.600 W
	124.350 E
	125.150
	125.300 W
Lindbergh TWR	118.300
UNICOM	129.950
GND	123.900
Ramp	129.775 Terminal 2 West, 0600-2400Z
	123.900 Terminal 2 West, 0000-0600Z
DLV	125.900
CPDLC	DCL
PDC	

Landing RWY system:



Changes: FREQ, OBST

Remarks:

747 and larger ACFT are prohibited from making intersection take-offs.

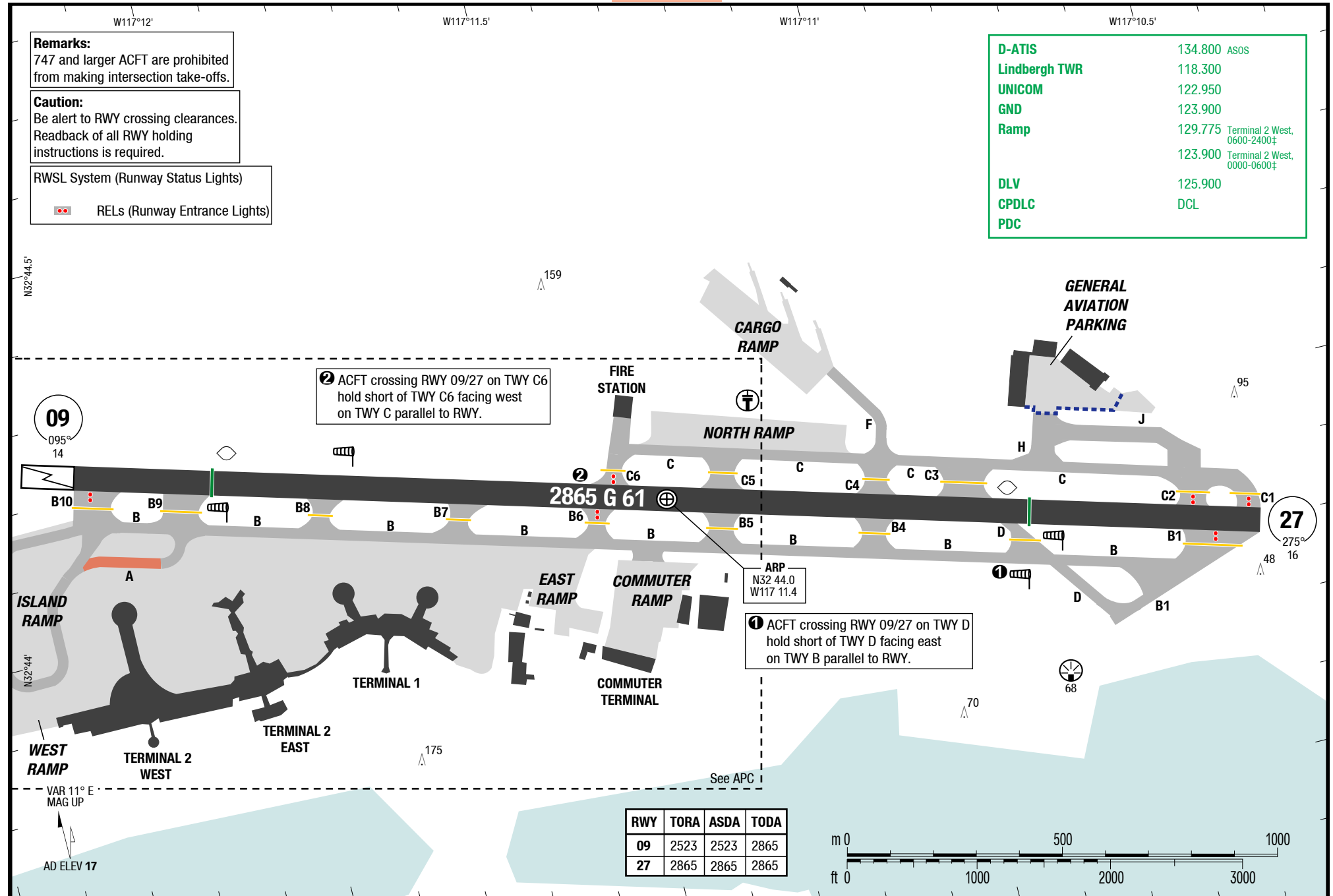
Caution:

Be alert to RWY crossing clearances. Readback of all RWY holding instructions is required.

RWSL System (Runway Status Lights)

RELs (Runway Entrance Lights)

D-ATIS	134.800	ASOS
Lindbergh TWR	118.300	
UNICOM	122.950	
GND	123.900	
Ramp	129.775	Terminal 2 West, 0600-2400 \pm
	123.900	Terminal 2 West, 0000-0600 \pm
DLV	125.900	
CPDLC	DCL	
PDC		



17-MAY-2018

SAN-KSAN

United States **San Diego** San Diego Intl

NIL

APC

APC

APC

San Diego Intl **San Diego** United States

NIL

APC

3-30

RWSL System (Runway Status Lights)

RELs (Runway Entrance Lights)

Terminal 1: Gates 1-18

Terminal 2: Gates 20-51

International Gates: 20-22

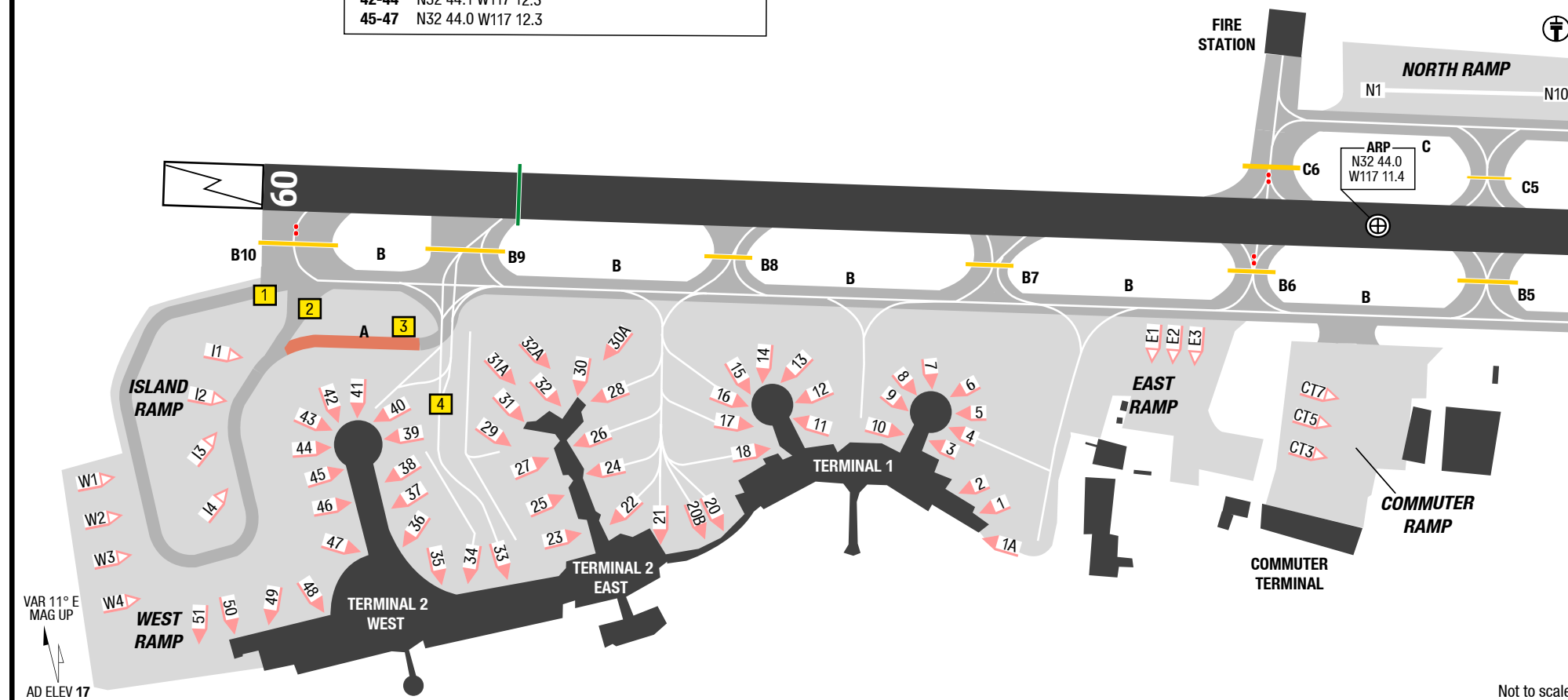
Legend:

Spot numbers

COORDINATES

1A-2	N32 43.9 W117 11.7	48	N32 43.9 W117 12.3
3-10	N32 44.0 W117 11.7	49-51	N32 43.9 W117 12.4
11-14	N32 44.0 W117 11.8	CT3-CT7	Not published
15-18	N32 44.0 W117 11.9	E1-E3	Not published
20	N32 43.9 W117 11.9	I1-I6	Not published
20B	Not published	N1-N10	Not published
21-23	N32 43.9 W117 12.0	W1-W4	Not published
24-32	N32 44.0 W117 12.0		
30A	Not published		
31A, 32A	Not published		
33-35	N32 43.9 W117 12.1		
36-40	N32 44.0 W117 12.2		
41	N32 44.1 W117 12.2		
42-44	N32 44.1 W117 12.3		
45-47	N32 44.0 W117 12.3		

D-ATIS	134.800	ASOS
Lindbergh TWR	118.300	
UNICOM	122.950	
GND	123.900	
Ramp	129.775	Terminal 2 West, 0600-2400Z
	123.900	Terminal 2 West, 0000-0600Z
DLV	125.900	
CPDLC	DCL	
PDC		



Changes: Parkingstand

Not to scale

© Lido 2018

14-JUN-2018

SAN-KSAN

United States San Diego San Diego Intl

ECHHO 2 RNAV

CWARD 2 RNAV

SID

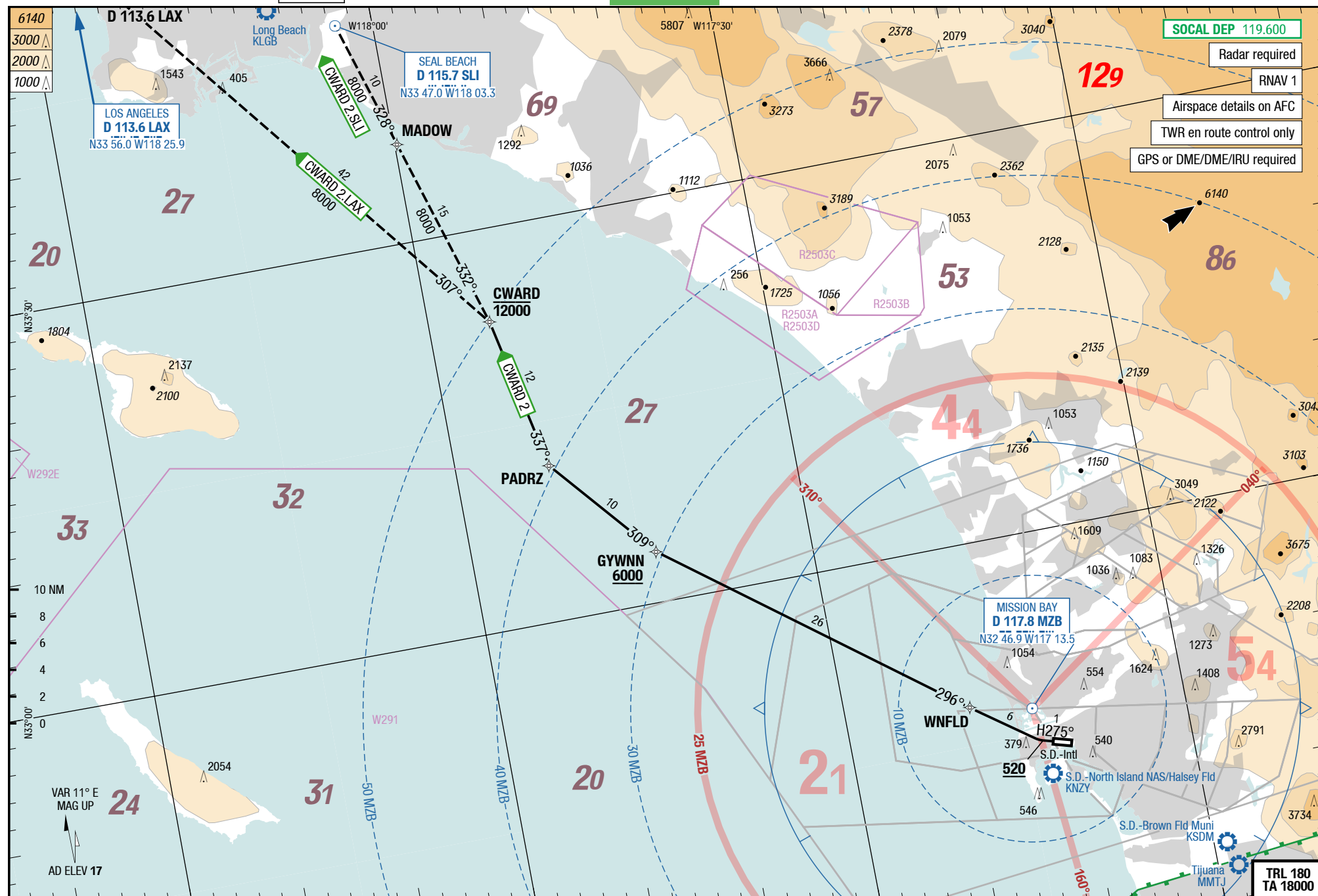
SID

San Diego Intl San Diego United States

ECHHO 2 RNAV

CWARD 2 RNAV

4-10



Changes: OBST, Note

SAN-KSAN

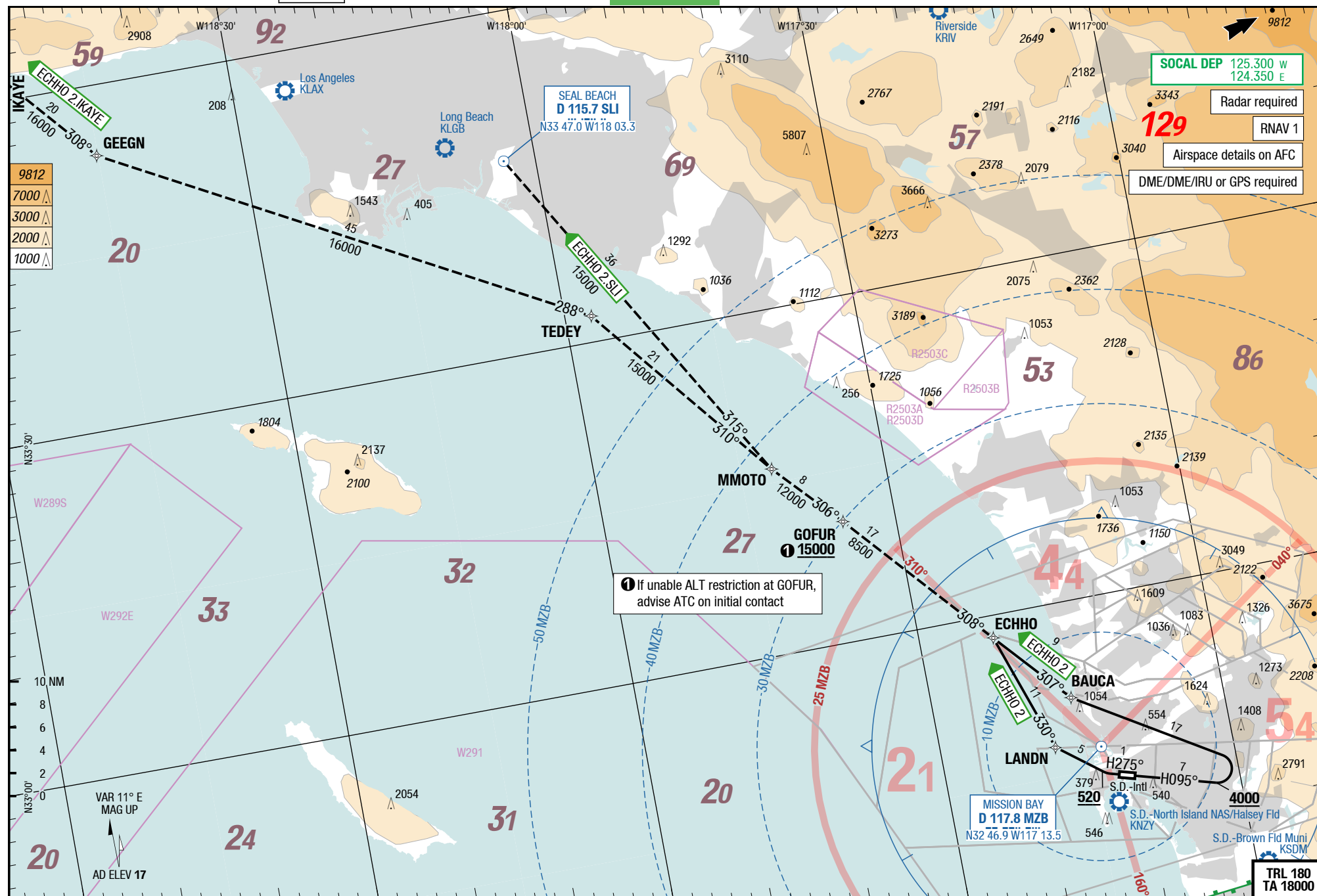
4-20

ECHHO 2 RNAV

SID

SID

ECHHO 2 RNAV



Changes: OBST, Note

© IJ-0010

14-JUN-2018

SAN-KSAN

United States San Diego San Diego Intl

PADRR 2 RNAV

4-30

MMOTO 2 RNAV

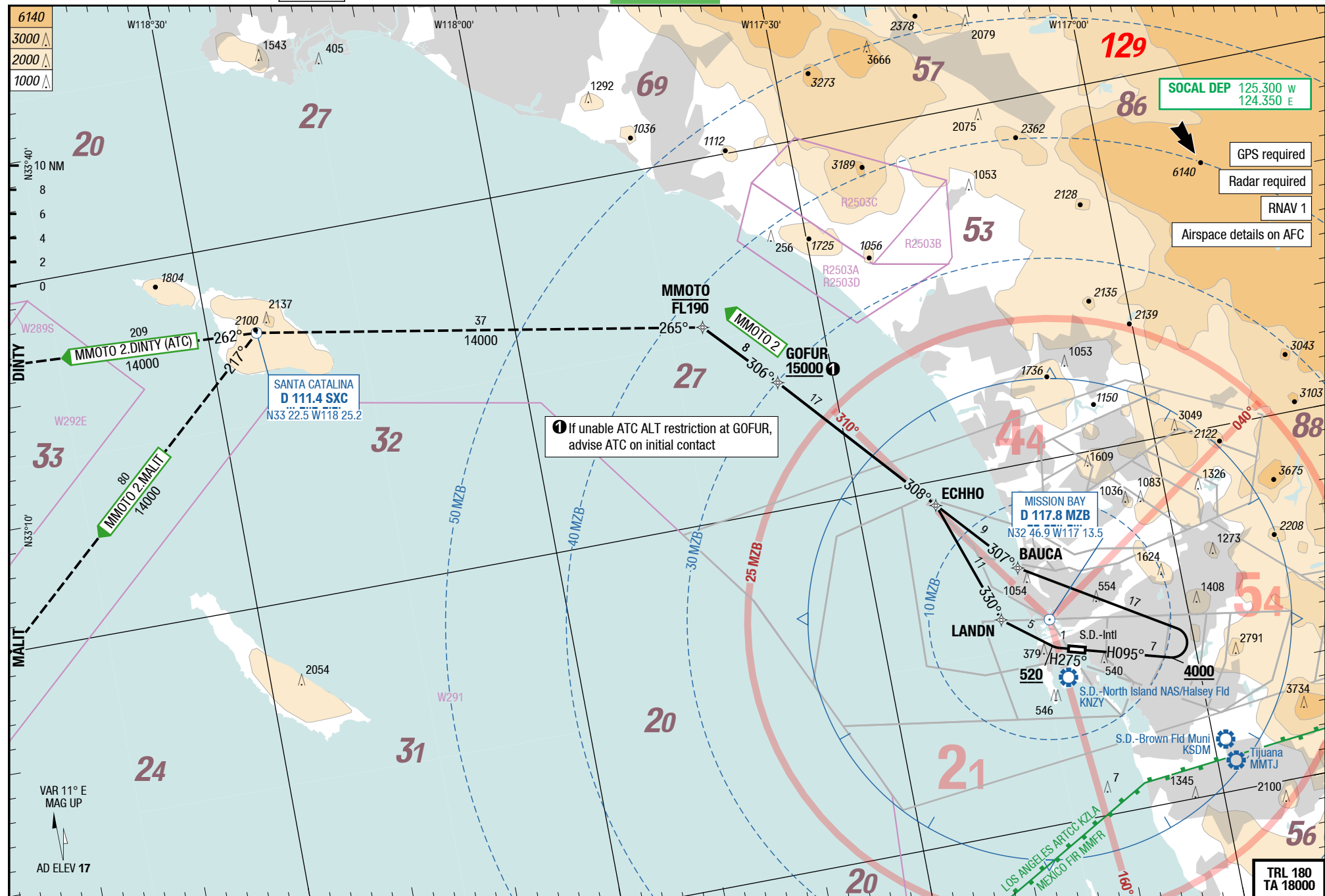
SID

SID

San Diego Intl San Diego United States

PADRR 2 RNAV

MMOTO 2 RNAV



Changes: Note, OBST

14-JUN-2018

SAN-KSAN

United States San Diego San Diego Intl

SID

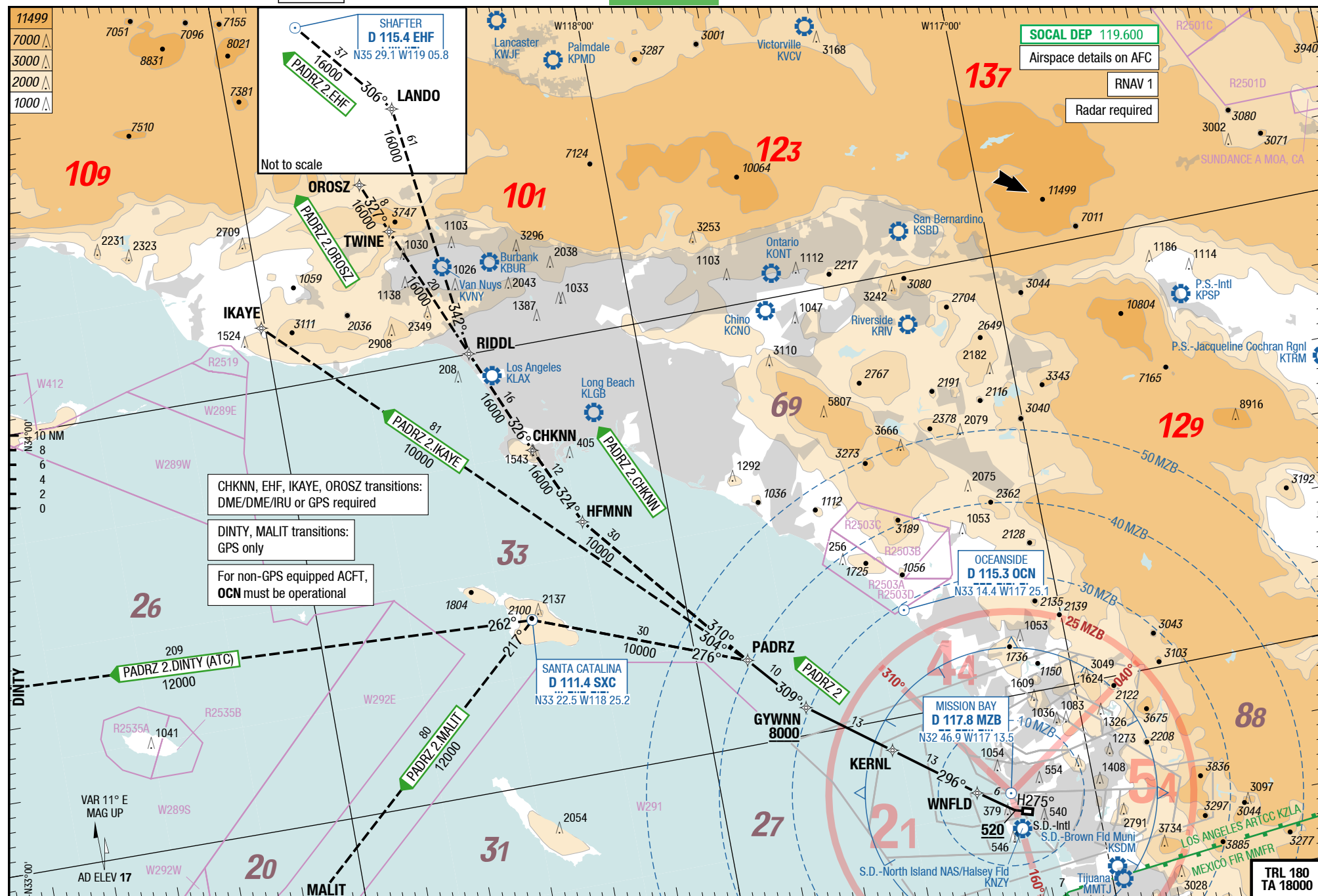
SID

San Diego Intl San Diego United States

4-40

PADRR 2 RNAV

PADRR 2 RNAV



Changes: OBST, Note

SAN-KSAN

ZZ000 2 RNAV

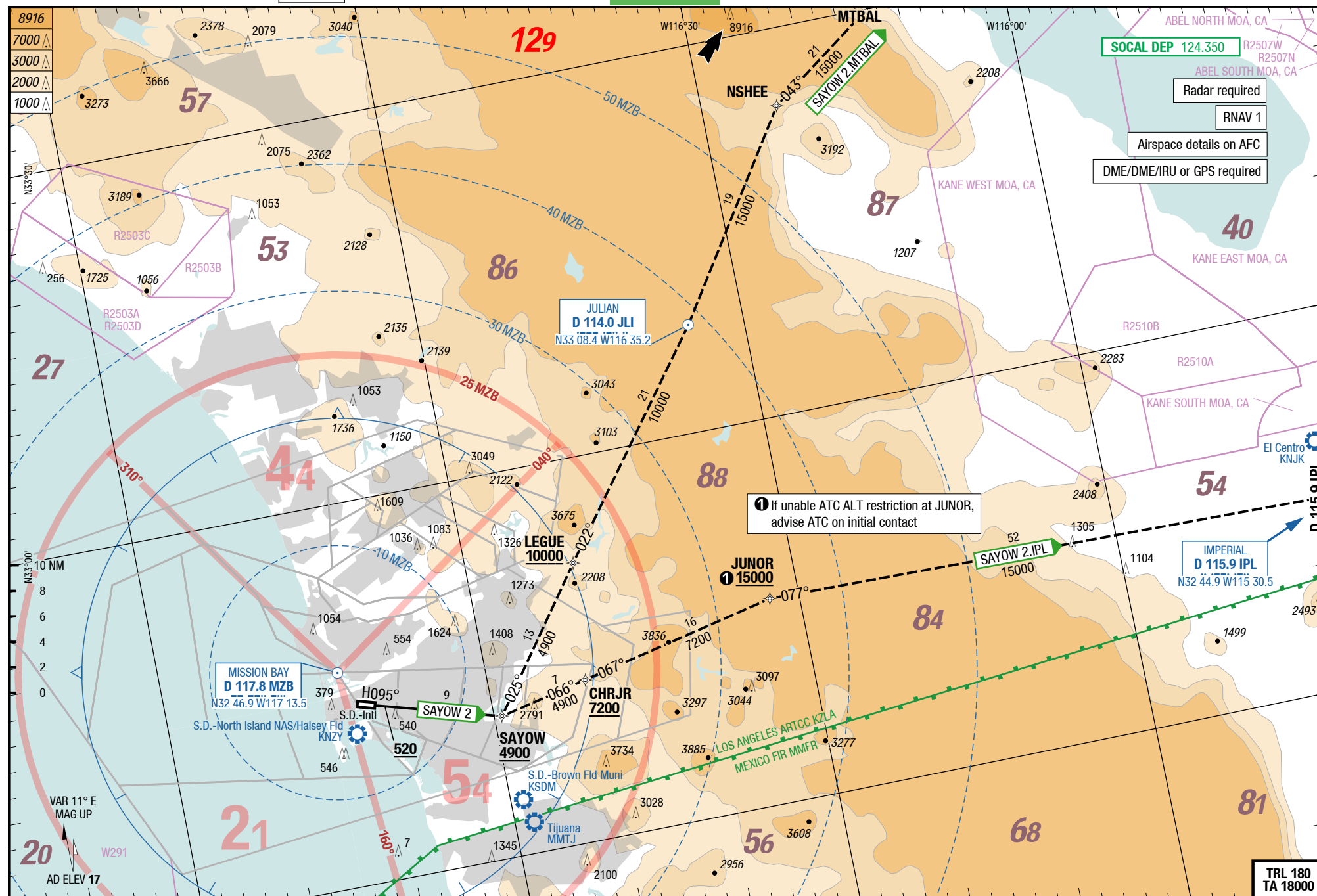
SAYOW 2 RNAV

SID

SID

ZZ000 2 RNAV

SAYOW 2 RNAV



Changes: OBST, Note

© Lido 2018

SAN-KSAN

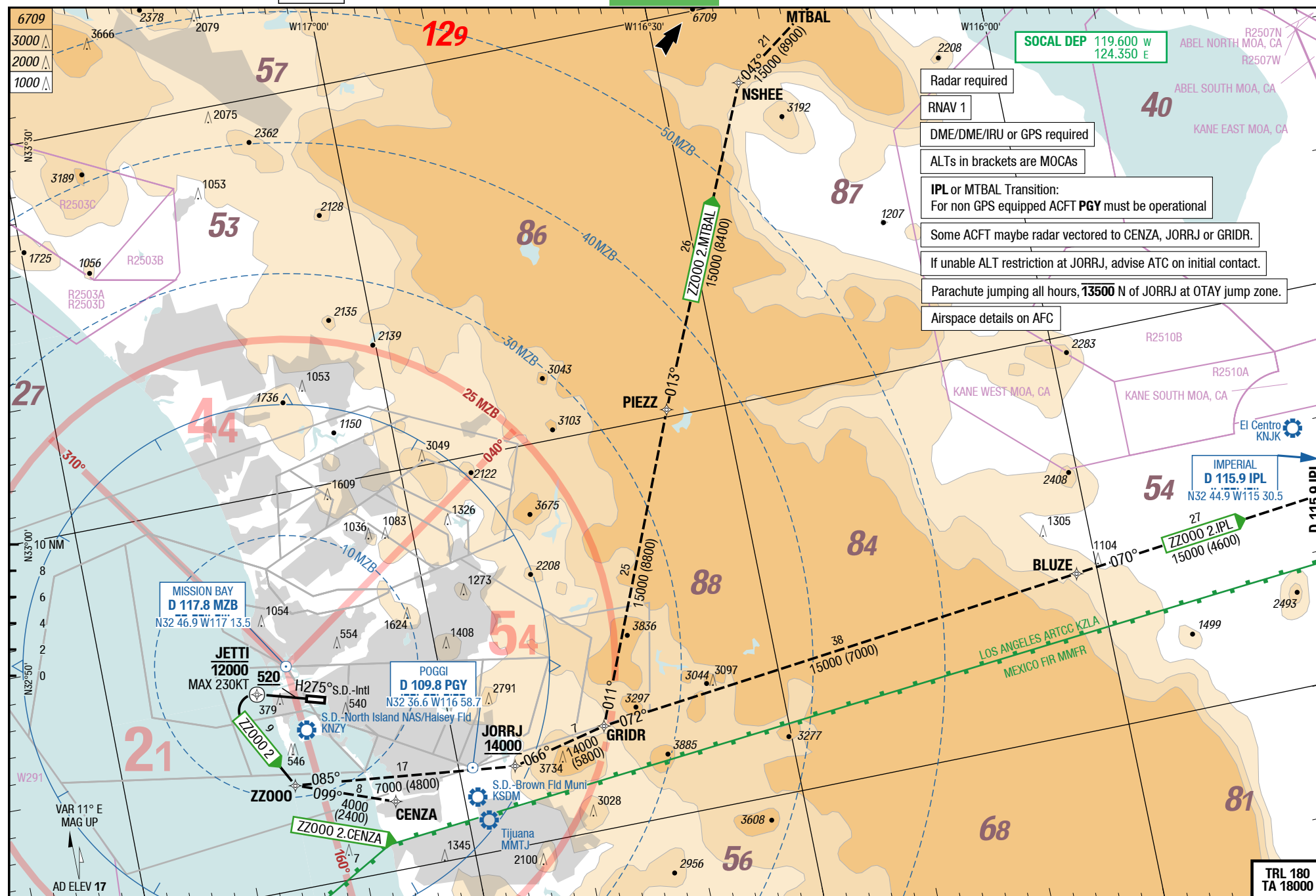
4-60

ZZ000 2 RNAV

SID

SID

ZZ000 2 RNAV



Changes: OBST

TRL 180
TA 18000

© Lido 2018

14-JUN-2018

SAN-KSAN

United States **San Diego** San Diego Intl

FALCC 1

4-70

BORDER 7 / PEBLE 6

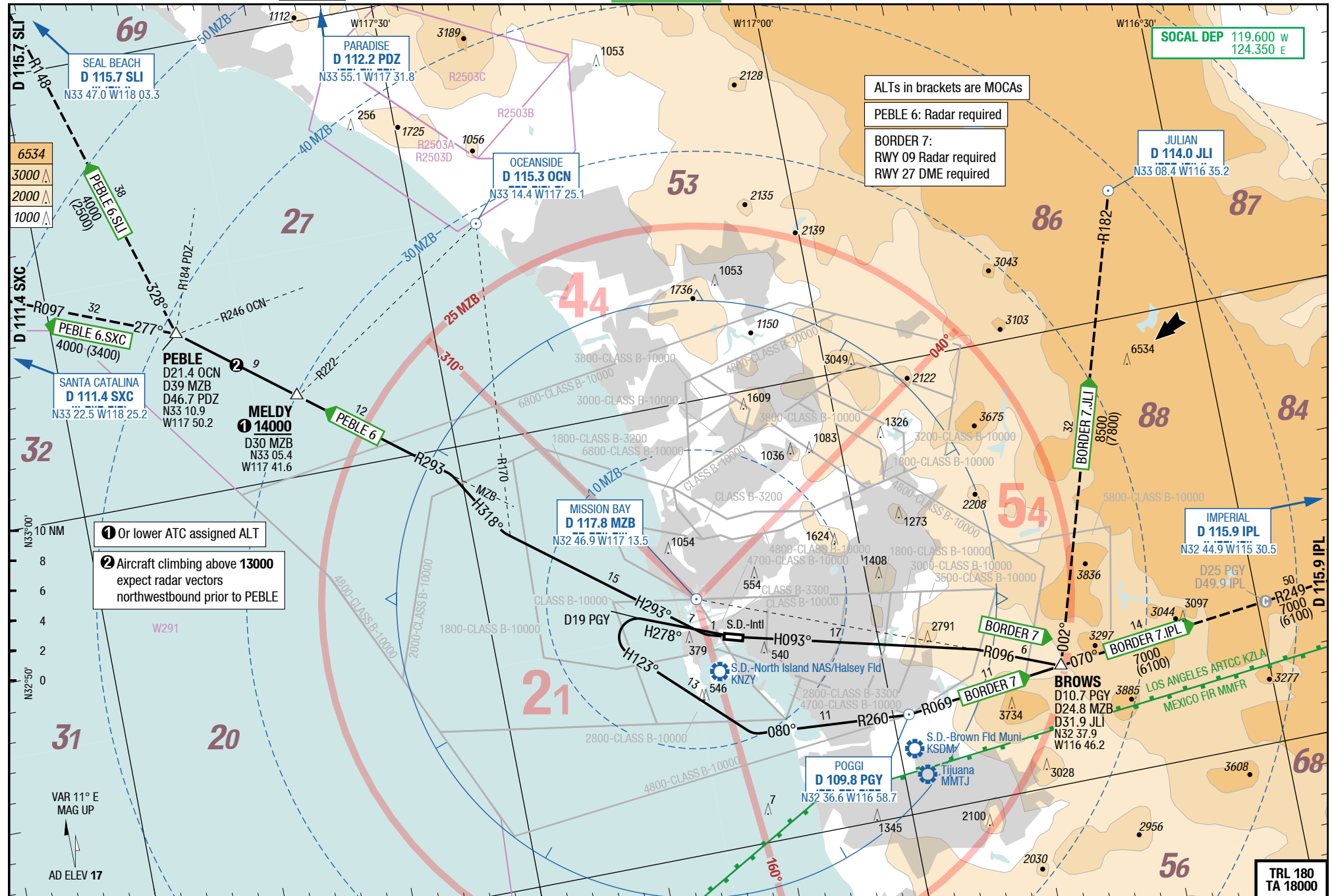
SID

SID

San Diego Intl **San Diego** United States

FALCC 1

BORDER 7 / PEBLE 6



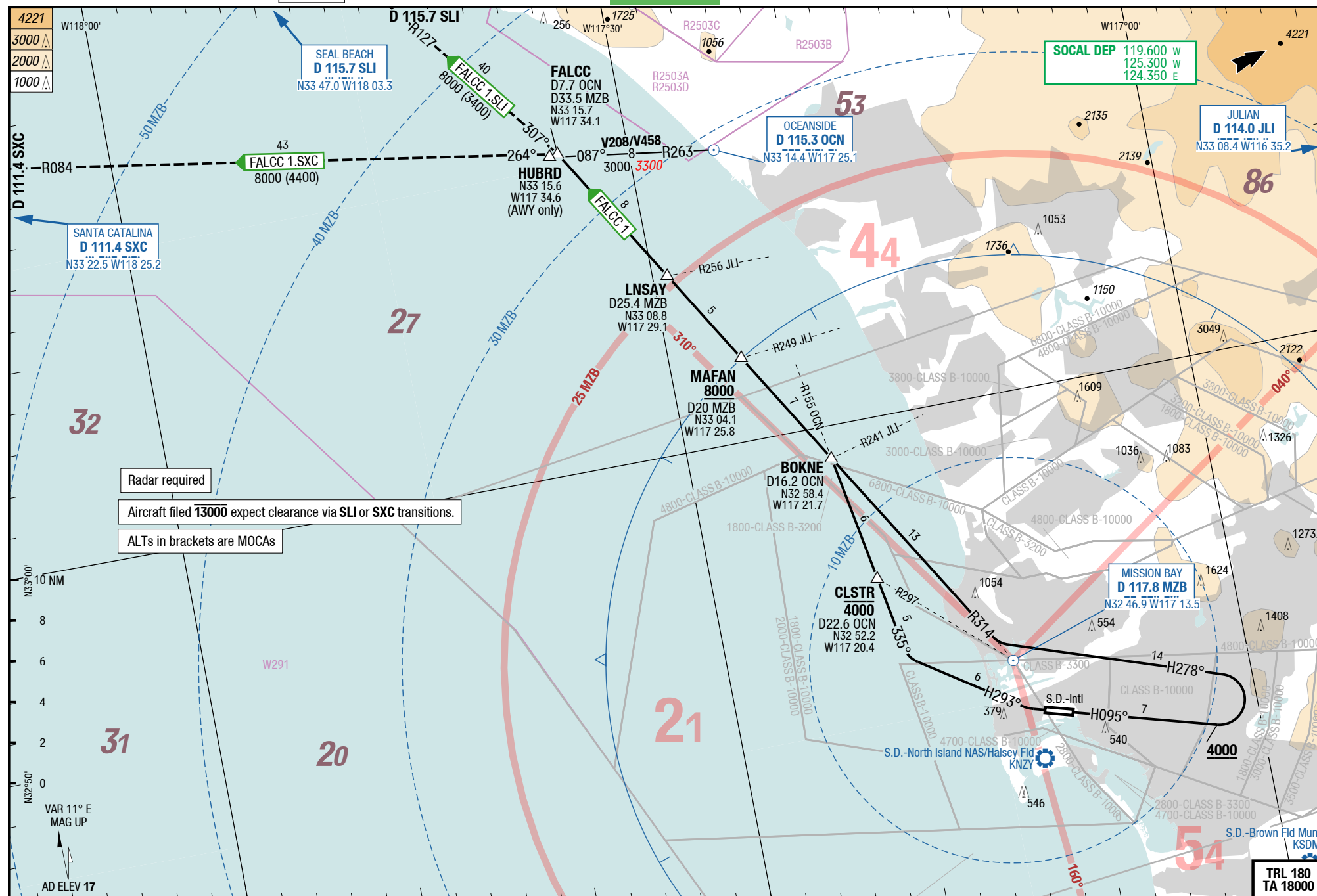
Changes: OBST

SAN-KSAN

SID

SID

FALCC 1



Changes: OBST

© Lido 2018

SAN-KSAN

5-10

CWARD 2 RNAV

CWARD 2

RWY 27 (275°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
CWARD 2 119.600 ①	H275° [A520+ ;R] - DCT WNFLD - GYWNN - PADRZ - CWARD	GYWNN MNM 6000 CWARD MAX 12000 initial climb by ATC
	TRANSITION	
	LOS ANGELES (LAX) CWARD - LAX	CWARD MAX 12000
	SEAL BEACH (SLI) CWARD - MADOW - SLI	CWARD MAX 12000

① Expect filed ALT 10 minutes after DEP.

SAN-KSAN

5-20

ECHHO 2 RNAV**ECHHO 2**

RWYs 09 (095°) / 27 (275°)

DESIGNATOR	ROUTING	ALTITUDES
ECHHO 2 125.300 (W) 124.350 (E) ①②		initial climb 15000
RWY 09	HDG 095° - at MNM 4000 LT direct BAUCA - ECHHO	
RWY 27	HDG 275° - at MNM 520 RT direct LANDN - ECHHO	
	TRANSITION	
	IKAYE ECHHO - GOFUR - MMOTO - TEDEY - GEEGN - IKAYE	GOFUR MNM 15000
	SEAL BRACH (SLI) ECHHO - GOFUR - MMOTO - SLI	GOFUR MNM 15000

① If unable ALT restriction at GOFUR, advise ATC on initial contact.

② Expect filed ALT 10 minutes after DEP.

SAN-KSAN

5-30

MMOTO 2 RNAV**MMOTO 2**

RWYs 09 (095°) / 27 (275°)

DESIGNATOR	ROUTING	ALTITUDES
MMOTO 2 125.300 (W) 124.350 (E) ①②		GOFUR MNM 15000 MMOTO MAX FL190 initial climb by ATC
RWY 09	HDG 095° - at MNM 4000 LT direct BAUCA - ECHHO - GOFUR - MMOTO	
RWY 27	HDG 275° - at MNM 520 RT direct LANDN - ECHHO - GOFUR - MMOTO	
	TRANSITION	
	DINTY (ATC) MMOTO - SXC - DINTY	
	MALIT MMOTO - SXC - MALIT	

① Expect filed ALT 10 minutes after DEP.

② If unable ATC ALT restriction at GOFUR, advise ATC on initial contact

SAN-KSAN

5-40

PADRZ 2 RNAV**PADRZ 2**

RWY 27 (275°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
PADRZ 2 ①	H275° [A520+ ;R] - DCT WNFLD - KERNL - GYWNN - PADRZ	GYWNN MNM 8000 initial climb 15000
	TRANSITION	
	CHKNN PADRZ - HFMNN - CHKNN	
	DINTY (ATC) PADRZ - SXC - DINTY	
	IKAYE PADRZ - IKAYE	
	MALIT PADRZ - SXC - MALIT	
	OROSZ PADRZ - HFMNN - CHKNN - RIDDL - TWINE - OROSZ	
	SHAFTER (EHF) PADRZ - HFMNN - CHKNN - RIDDL - LANDO - EHF	

① Expect filed ALT 10 minutes after DEP.

SAN-KSAN

5-50

SAYOW 2 RNAV**SAYOW 2**

RWY 09 (095°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 09	
SAYOW 2 124.350 ①②	HDG 095°-at MNM 520 direct SAYOW	SAYOW MNM 4900 initial climb FL190 (Jet)/ 15000 (Prop)
	TRANSITION	
	IMPERIAL (IPL) SAYOW - CHRJR - JUNOR - IPL	SAYOW MNM 4900 CHRJR MNM 7200 JUNOR MNM 15000
	MTBAL SAYOW - LEGUE - JLI - NSHEE - MTBAL	SAYOW MNM 4900 LEGUE MNM 10000

① If unable ATC ALT restriction at JUNOR, advise ATC on initial contact.

② Expect filed ALT 10 minutes after DEP.

SAN-KSAN

5-60

ZZ000 2 RNAV**ZZ000 2**

RWY 27 (275°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 27	
ZZ000 2 119.600 (W) 124.350 (E) ①②③④	HDG 275° - at MNM 520 direct JETTI (MAX 230KT) - ZZ000	JETTI MAX 12000 initial climb 15000 (Prop) initial climb FL230 (Jet)
	TRANSITION	
	CENZA ZZ000 - CENZA	
	IMPERIAL (IPL) ZZ000 - JORRJ - GRIDR - BLUZE - IPL	JORRJ MNM 14000
	MTBAL ZZ000 - JORRJ - GRIDR - PIEZZ - NSHEE - MTBAL	JORRJ MNM 14000

① Expect filed ALT 10 minutes after DEP.

② Some ACFT may be radar vectored to CENZA, JORRJ or GRIDR.

③ If unable ALT restriction at JORRJ, advise ATC on initial contact.

④ Parachute jumping all hours, at or below 13500 N of JORRJ at OTAY jump zone.

SAN-KSAN

5-70

BORDER 7 / PEBLE 6**SIDPT****BORDER 7 / PEBLE 6**

RWYs 09 (095°) / 27 (275°)

DESIGNATOR	ROUTING	ALTITUDES
BORDER 7 124.350 (E) 119.600 (W) ①		
RWY 09	HDG 093° - intercept R096 MZB to BROWS	
RWY 27	HDG 278° - at D19 PGY LT HDG 123° intercept R260 PGY to PGY - R069 PGY to BROWS	
	TRANSITION	
	IMPERIAL (IPL) BROWS - R069 PGY / R249 IPL to IPL	
	JULIAN (JLI) BROWS - R182 JLI to JLI	
PEBLE 6 119.600 ②	RT HDG 293° - crossing R170 OCN RT HDG 318° intercept R293 MZB to MELDY - PEBLE	MELDY MNM 14000 (for aircraft climbing MNM 14000)
	TRANSITION	
	SANTA CATALINA (SXC) PEBLE - R097 SXC to SXC	
	SEAL BEACH (SLI) PEBLE - R148 SLI to SLI	

① Maintain Assigned ALT. Expect filed ALT or Flight Level 10 Minutes after DEP.

② Aircraft climbing above 13000ft expect radar vectors northwestbound prior to PEBLE.

SAN-KSAN

5-80

FALCC 1**FALCC 1**

RWYs 09 (095°) / 27 (275°)

DESIGNATOR	ROUTING	ALTITUDES
FALCC 1 ①		
RWY 09	HDG 095° - at MNM 4000 LT HDG 278° - RT intercept R314 MBZ to BOKNE - MAFAN - LNSAY - FALCC	MAFAN MNM 8000 initial climb by ATC
RWY 27	RT HDG 293° - RT intercept R155 OCN inbound to CLSTR - BOKNE - LT intercept R314 MBZ to MAFAN - LNSAY - FALCC	CLSTR MAX 4000 MAFAN MNM 8000 initial climb by ATC
	TRANSITION	
	SANTA CATALINA (SXC) FALCC - R084 SXC to SXC	
	SEAL BEACH (SLI) FALCC - R127 SLI to SLI	

① ACFT filed at or below 13000 expect clearance via SLI or SXC transitions.

Obstacle Departure	
RWY	Routing
09	Climb HDG 095° to 900 - climbing LT direct MZB . ACFT departing R180 MZB CW R360 MZB climb on course. All others climb in MZB HLDG (W, RT , 075° INBD) to cross MZB MNM 2300 BPOC.
RWY	Notes
09	Fence, terrain, beginning 14ft from DER, 67ft left of centerline, up to 14ft AGL/35ft MSL. Pole, building, terrain, fence, beginning 21ft from DER, 8ft right of centerline, up to 35ft AGL/50ft MSL. Sign, terrain, beginning 268ft from DER, 137ft left of centerline, up to 50ft AGL/77ft MSL. Tree, building, beginning 781ft from DER, 265ft right of centerline, up to 91ft MSL. Building, terrain, beginning 877ft from DER, 180ft left of centerline, up to 66ft AGL/106ft MSL. Building 1385ft from DER, 356ft right of centerline, 55ft AGL/95ft MSL. Electrical system, terrain, beginning 1395ft from DER, 319ft left of centerline, up to 44ft AGL/138ft MSL. Tree, terrain, beginning 1822ft from DER, 561ft left of centerline, up to 196ft MSL. Tree 1857ft from DER, 45ft right of centerline, 45ft AGL/144ft MSL. Tree, terrain, building, beginning 2140ft from DER, 119ft left of centerline, up to 198ft MSL. Building, terrain, beginning 2596ft from DER, 101ft right of centerline, up to 89ft AGL/158ft MSL. Trees, terrain, beginning 2681ft from DER, 190ft left of centerline, up to 215ft MSL. T-L tower, terrain, building, pole, tree, beginning 2948ft from DER, 40ft left of centerline, up to 67ft AGL/272ft MSL. Tree, terrain, building, beginning 2965ft from DER, 30ft right of centerline, up to 211ft MSL. Building, terrain, beginning 3857ft from DER, 39ft right of centerline, up to 44ft AGL/216ft MSL. Building 4376ft from DER, 1295ft left of centerline, 117ft AGL/364ft MSL. Building, terrain, beginning 4410ft from DER, 322ft left of centerline, up to 128ft AGL/389ft MSL. Building, beginning 4433ft from DER, 1207ft right of centerline, up to 165ft AGL/296ft MSL. Antenna on OL building 4460ft from DER, 1482ft left of centerline, 403ft MSL. Terrain, building, tree, pole, beginning 4510ft from DER, 213ft left of centerline, up to 132ft MSL. Tree, building, beginning 5159ft from DER, 325ft right of centerline, up to 113ft AGL/301ft MSL. Building 6023ft from DER, 1934ft right of centerline, 224ft AGL/370ft MSL. Building 1NM from DER, 1543ft right of centerline, 234ft AGL/372ft MSL. Building, tree, beginning 1NM from DER, 21ft right of centerline, up to 287ft AGL/401ft MSL. Monument 1.3NM from DER, 1339ft left of centerline, 53ft AGL/310ft MSL. Pole 1.3NM from DER, 1721ft left of centerline, 35ft AGL/306ft MSL. Stack, tree, beginning 1.4NM from DER, 501ft left of centerline, up to 170ft AGL/374ft MSL. Tree 1.9NM from DER, 490ft left of centerline, 330ft MSL.

SAN-KSAN

5-100

Obstacle Departure 27

Obstacle Departure	
RWY	Routing
27	Climb HDG 275° to 900 - climbing RT direct MZB . ACFT departing R180 MZB CW R360 MZB climb on course. All others climb in MZB HLDG (W, RT , 075° INBD) to cross MZB MNM 2300 BPOC.
RWY	Notes
27	Pole 192ft from DER, 347ft right of centerline, 17ft AGL/29ft MSL. Navaid 284ft from DER, 317ft left of centerline, 19ft AGL/28ft MSL. Tree 754ft from DER, 156ft right of centerline, 24ft AGL/34ft MSL. Tree 1021ft from DER, 620ft right of centerline, 71ft MSL. Pole 2515ft from DER, 707ft left of centerline, 103ft AGL/118ft MSL. Tree 2594ft from DER, 353ft right of centerline, 90ft AGL/107ft MSL. Tree 3179ft from DER, 410ft right of centerline, 111ft MSL. Tree 3494ft from DER, 947ft right of centerline, 169ft MSL. Tower 3675ft from DER, 14ft right of centerline, 60ft AGL/115ft MSL. Tree 4248ft from DER, 403ft left of centerline, 75ft AGL/150ft MSL. Tree 4441ft from DER, 1199ft right of centerline, 111ft AGL/199ft MSL. Trees beginning 5046ft from DER, 7ft left of centerline, up to 96ft AGL/235ft MSL. Tree, building, beginning 5693ft from DER, 272ft right of centerline, up to 227ft MSL. Tree 6050ft from DER, 1703ft left of centerline, 256ft MSL. Trees beginning 1NM from DER, 532ft left of centerline, up to 65ft AGL/261ft MSL. Building LT, tree, beginning 1NM from DER, 257ft right of centerline, up to 40ft AGL/238ft MSL. Tree 1.9NM from DER, 3367ft left of centerline, 65ft AGL/328ft MSL.

14-JUN-2018
SAN-KSAN

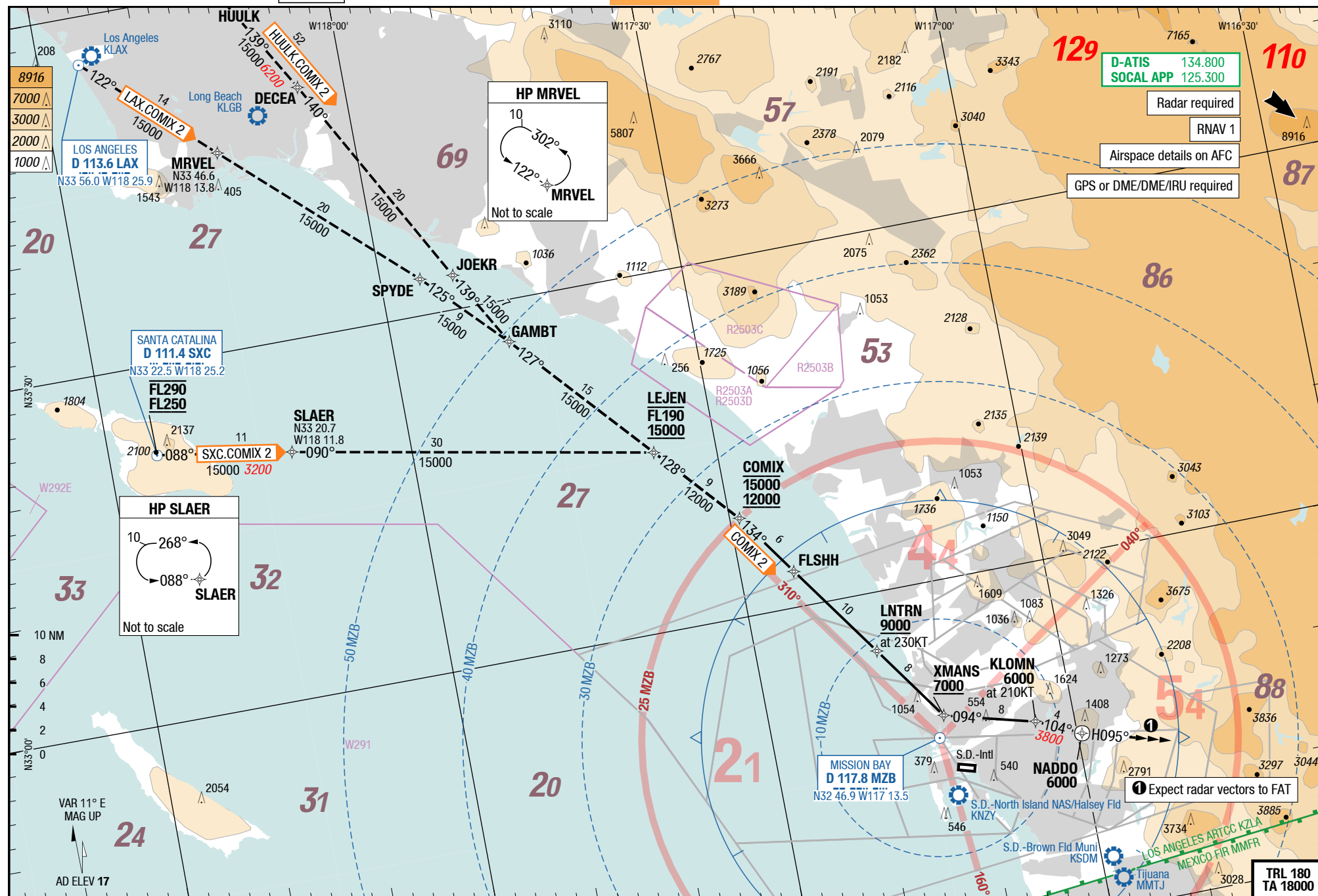
United States **San Diego** San Diego Intl
LUCKI 1 RNAV
COMIX 2 RNAV

STAR

STAR

San Diego Intl **San Diego** United States
LUCKI 1 RNAV
COMIX 2 RNAV

6-10



Changes: OBST

© Lido 2018

SAN-KSAN

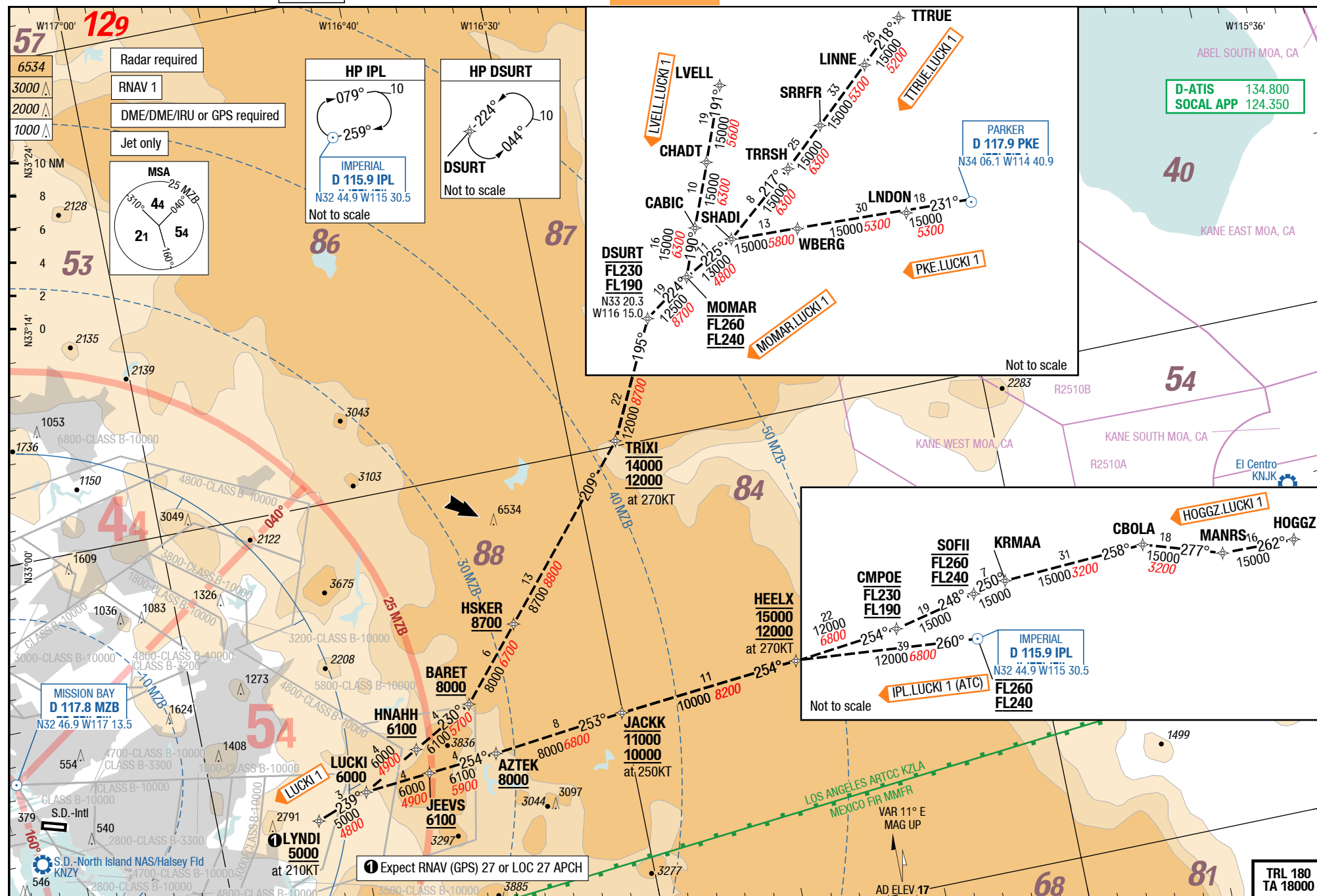
6-20

LUCKI 1 RNAV

STAR

STAR

LUCKI 1 RNAV



Changes: OBST

© Lido 2018

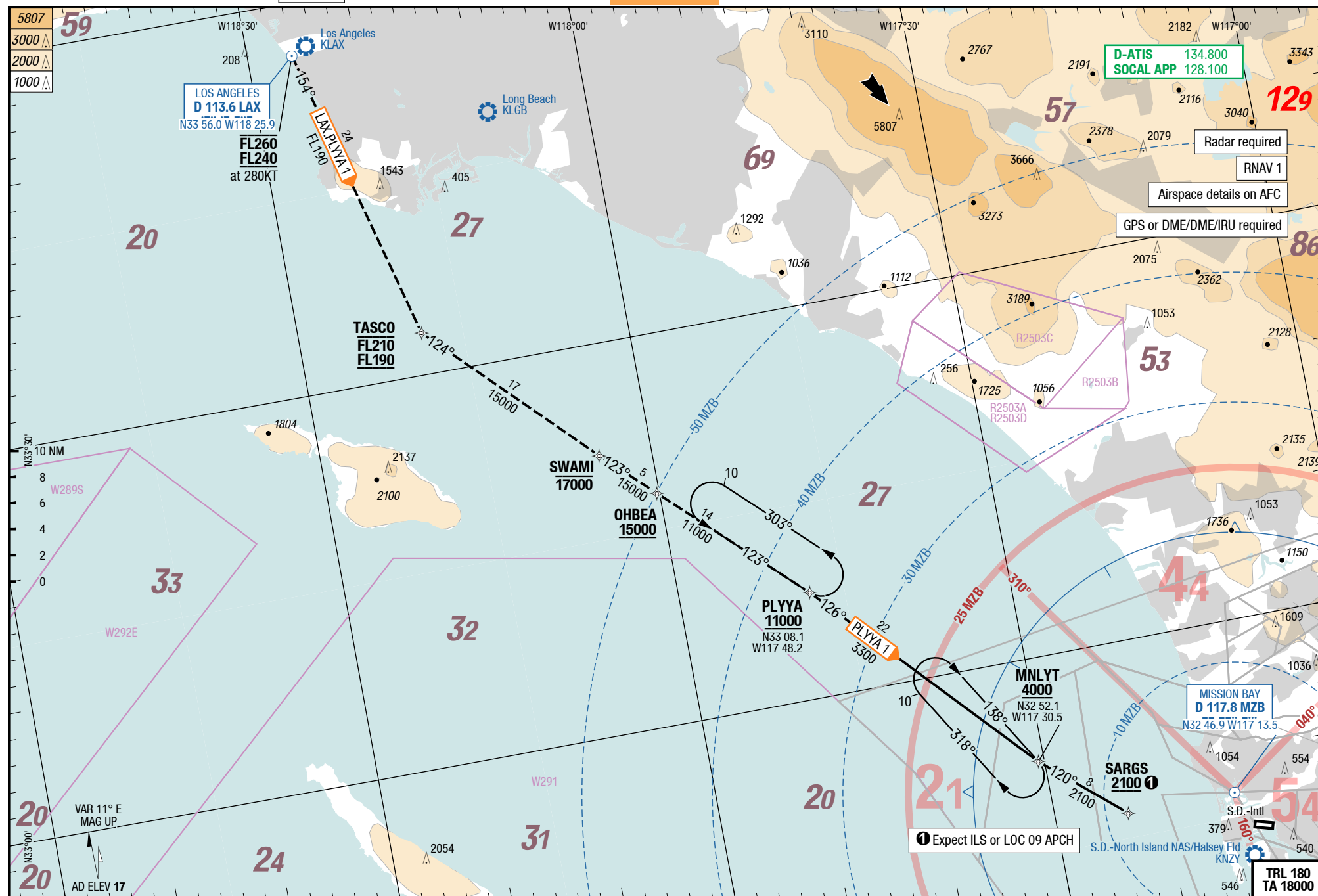
14-JUN-2018
SAN-KSAN

United States San Diego San Diego Intl
TOPGN 2 RNAV
6-30
PLYYA 1 RNAV

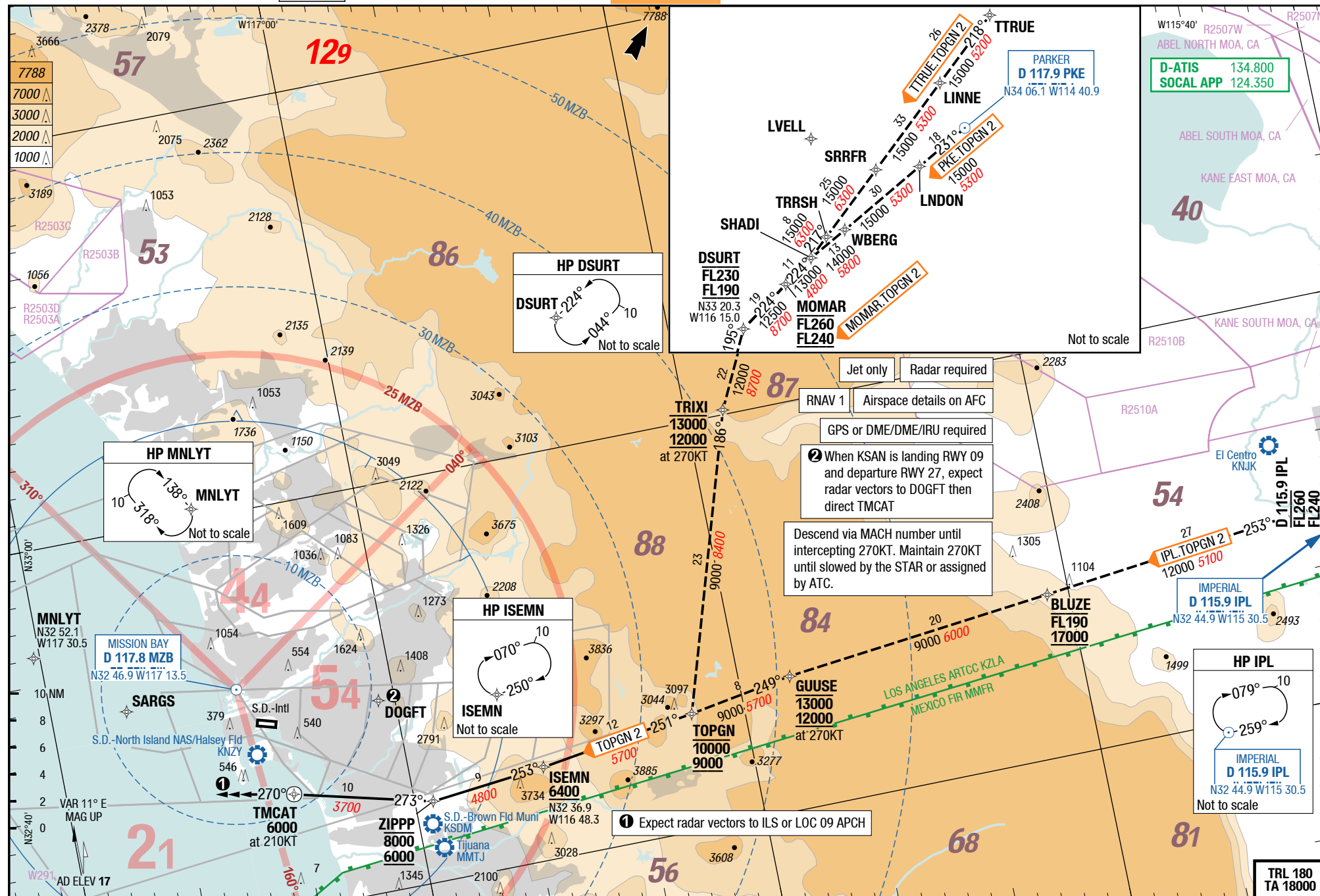
STAR

STAR

San Diego Intl San Diego United States
TOPGN 2 RNAV
PLYYA 1 RNAV



Changes: FREQ, OBST



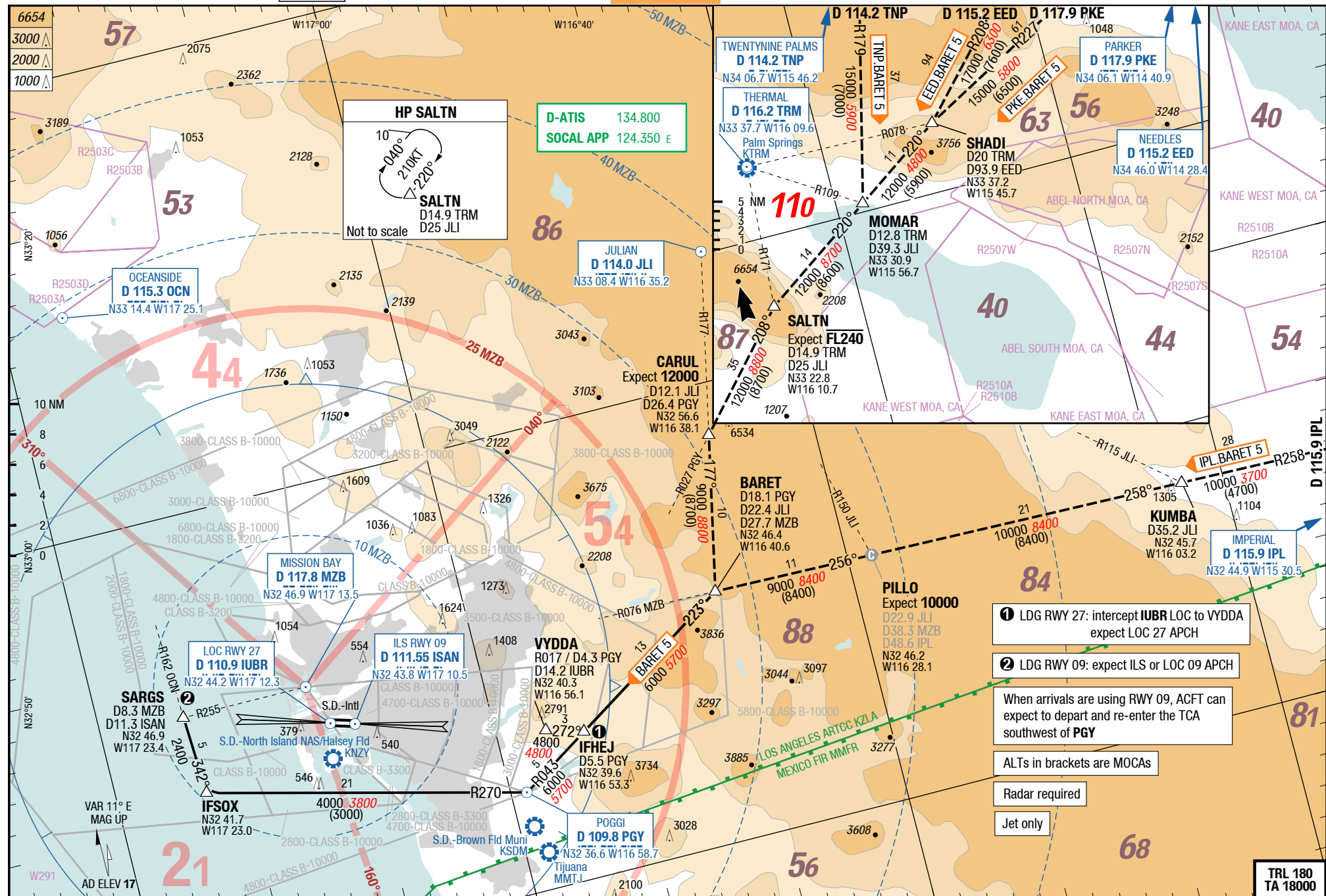
14-JUN-2018
SAN-KSAN

United States San Diego San Diego Intl
HUBRD 1 / SHAMU 1
BARET 5

STAR
STAR

San Diego Intl San Diego United States
HUBRD 1 / SHAMU 1
BARET 5

6-50



Changes: OBST

14-JUN-2018

United States **San Diego** San Diego Intl

San Diego Intl **San Diego** United States

SAN-KSAN

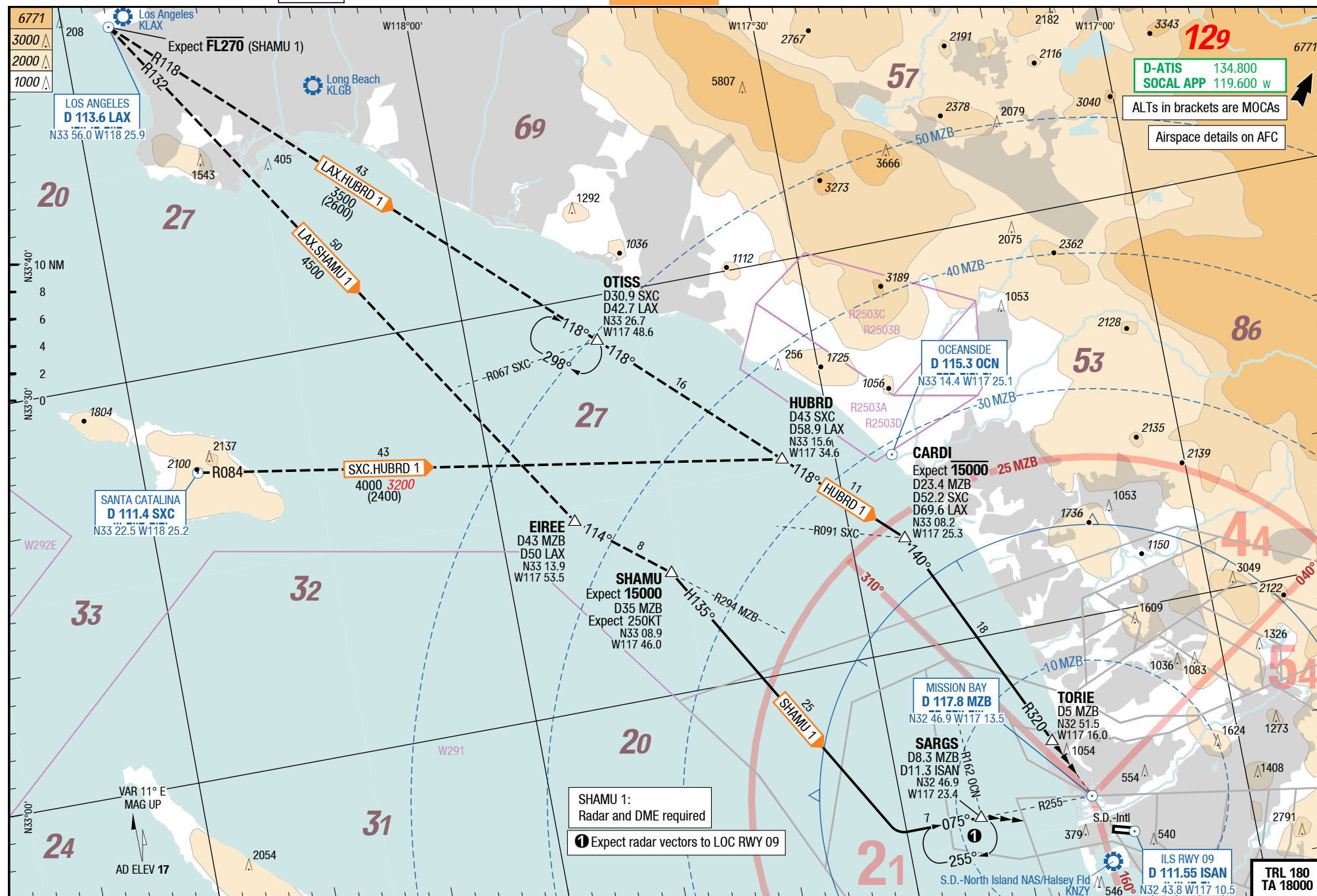
6-60

HUBRD 1 / SHAMU 1

STAR

STAR

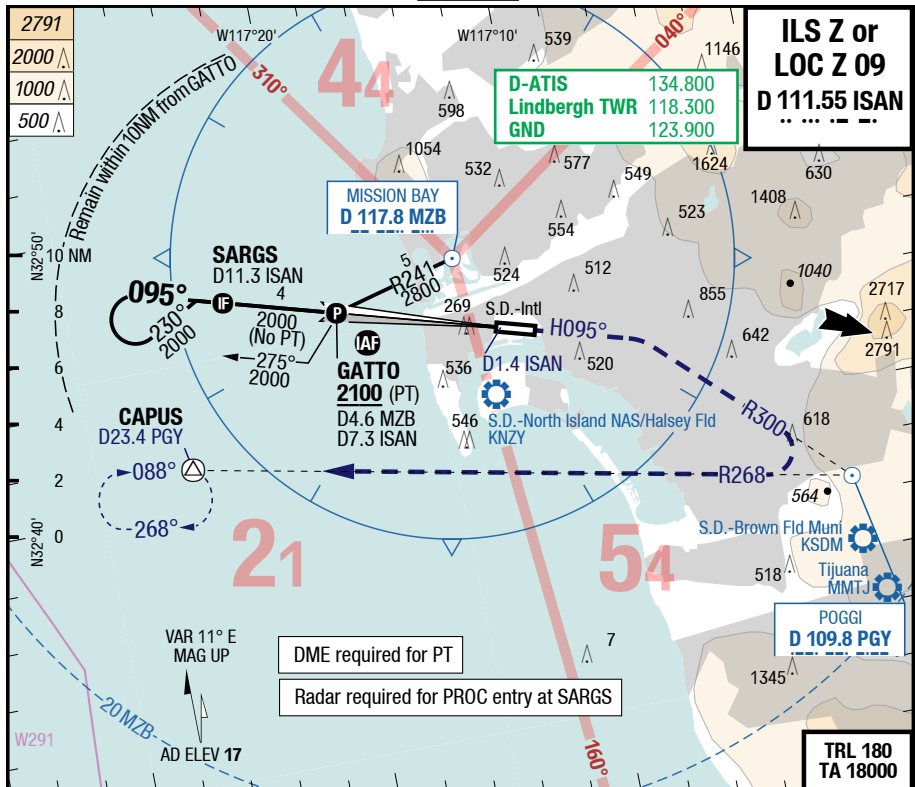
HUBRD 1 / SHAMU 1



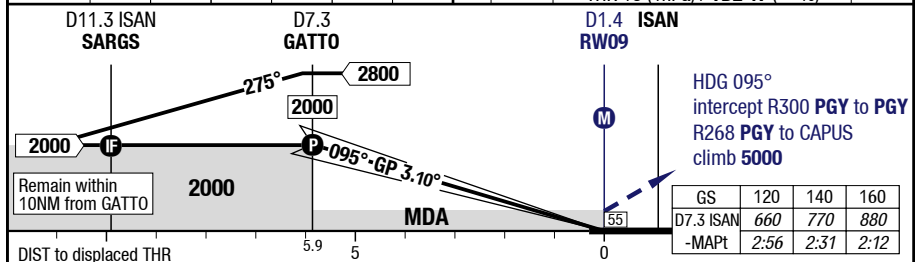
SAN-KSAN

7-10

ILS Z or LOC Z 09



LOC 3.11° D ISAN	7.3	7	6	5	4	3	<div><div>09</div><div><div><div>3.3°</div><div>60 HL</div></div><div><div>305</div><div>2219 G 61</div><div>15 HL</div></div></div></div>
	2100	1920	1590	1260	930	600	



09		Cat 1 GA 4.6% 1) 2) 3)	LOC 1)				Circling 4)
C	ft - ft/SM ft	200 - 1800R/0.5V 220	510 - 5500R/1.0V 520				New TERPS 810 - 2.25V 820
D	ft - ft/SM ft	200 - 1800R/0.5V 220	510 - 5500R/1.0V 520				930 - 3.0V 940

1) Autopilot coupled APCH NA below 530ft MSL
2) If unable to meet climb gradient, see ILS Y or LOC Y 09

3) Up to 3800ft
4) S of RWY only

22-MAR-2018

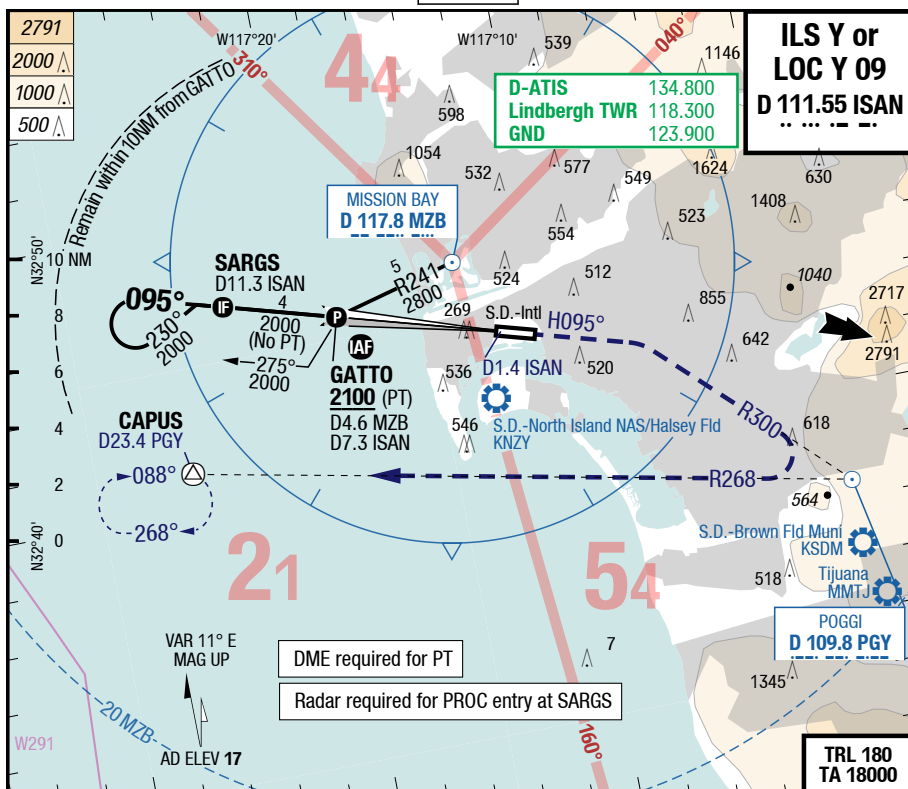
United States **San Diego** San Diego Intl

IAC

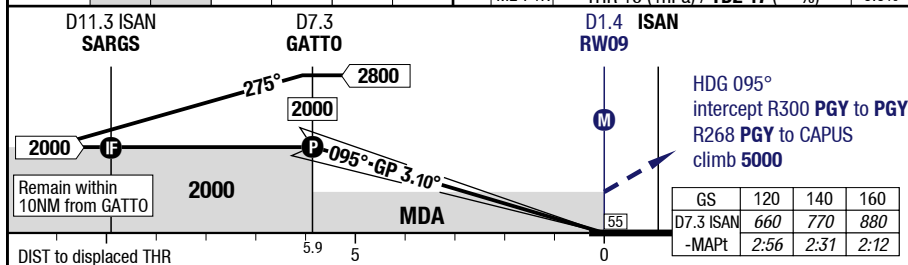
SAN-KSAN

7-20

ILS Y or LOC Y 09



LOC 3.11°			7.3	7	6	5	<div style="text-align: center;">09</div> <div style="font-size: small; margin-top: 5px;">ML-P1R THR 16 (1hPa) / TDZ 17 (---%) 0.0%</div>
D ISAN			2100	1920	1590	1260	



09		Cat 1 GA 4.5% 1) 2)	Cat 1 GA 3.3% 1)	Cat 1 GA 3.3% APL U/S 1)	LOC 1)		Circling 3)
C	ft - ft/SM ft	250 - 4000R/0.75V 260	740 - 2.0V 760	740 - 2.5V 760	950 - 2.0V 960		950 - 2.75V 960
D	ft - ft/SM ft	250 - 4000R/0.75V 260	740 - 2.0V 760	740 - 2.5V 760	950 - 2.0V 960		950 - 3.0V 960

1) Autopilot coupled APCH NA below 530ft MSL

3) S of RWY only

2) Up to 4000ft

Changes: PROC renamed, MIN, SUAs, OBST, Note, AMDT No

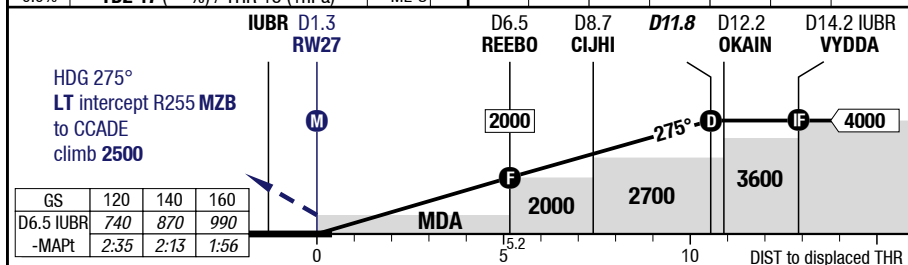
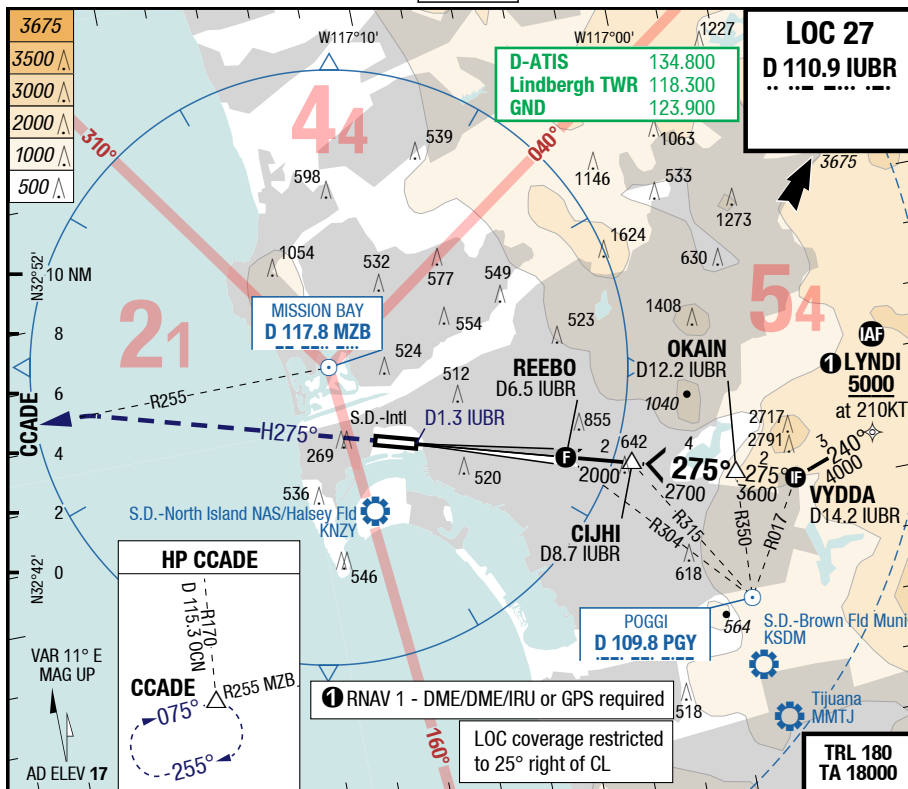
AMDT 2A

© Lido 2018

SAN-KSAN

7-30

LOC 27



27	LOC	LOC			
	1)	APL U/S			
C	ft - ft/SM ft	670 - 1.75V 680	670 - 2.0V 680		830 - 2.5V 840
D	ft - ft/SM ft	670 - 1.75V 680	670 - 2.0V 680		930 - 3.0V 940

1) INOP table does not apply

2) S of RWY only

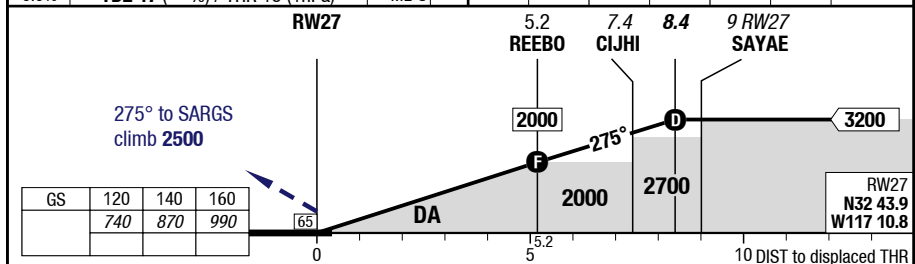
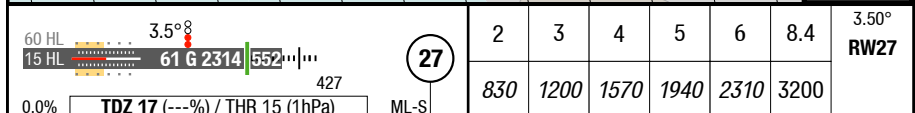
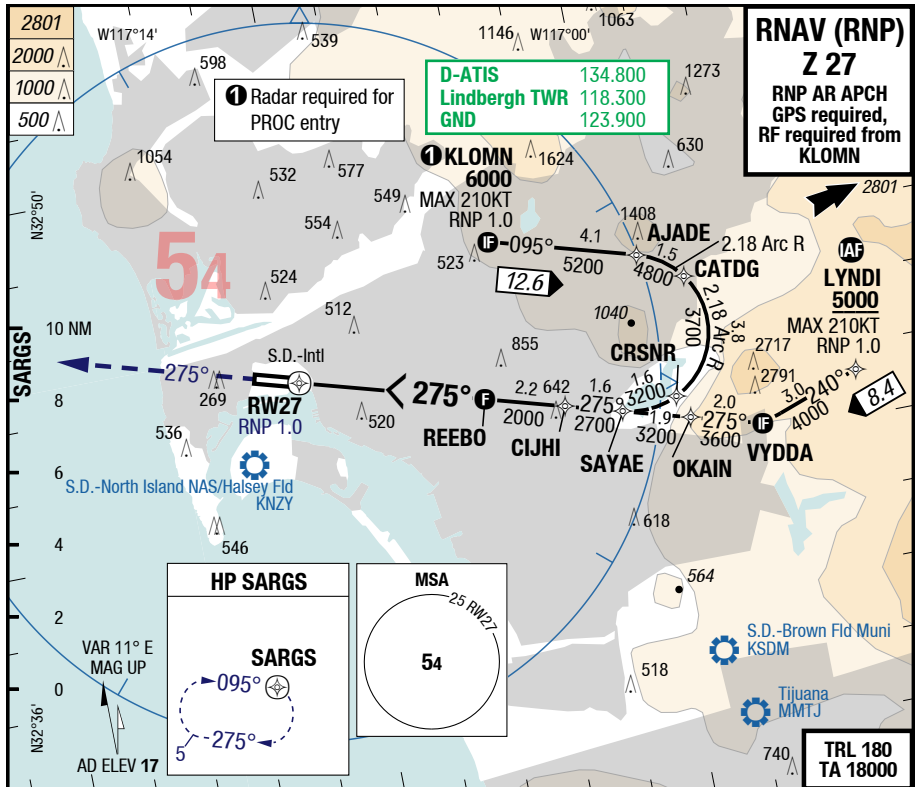
Changes: OBST

AMDT 6

SAN-KSAN

7-50

RNAV (RNP) Z 27



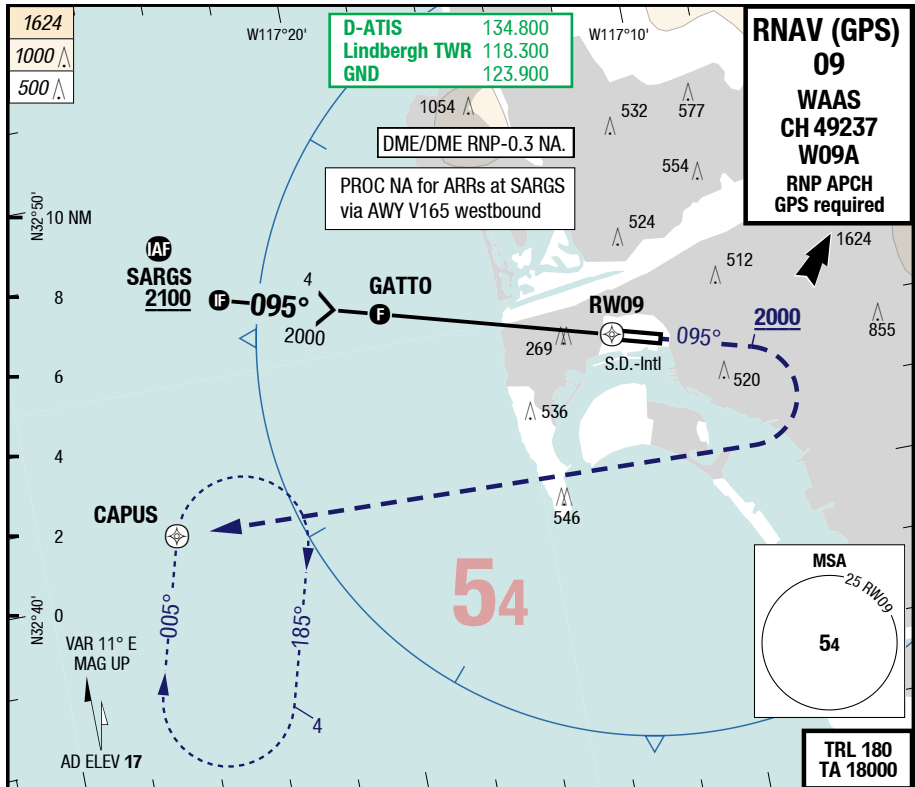
27	RNAV RNP 0.11 VNAV 1)	RNAV RNP 0.30 VNAV 1)	RNAV RNP 0.30 VNAV APL U/S 1)			Circling TERPS
C	ft - ft/SM ft 600 - 1.5V 620	770 - 2.0V 780	770 - 2.5V 780			Not published
D	ft - ft/SM ft 600 - 1.5V 620	770 - 2.0V 780	770 - 2.5V 780			Not published

1) Uncompensated BARO VNAV NA below 6°C (43°F) or above 46°C (115°F)

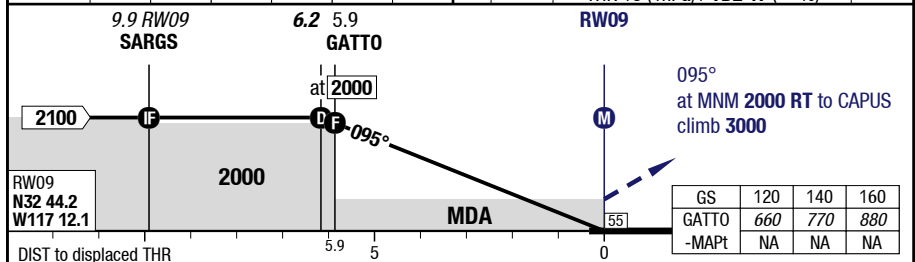
SAN-KSAN

7-70

RNAV (GPS) 09



3.10° RW09	6.2	6	5	4	3	2	09	83.3°	60 HL
	2100	2050	1720	1390	1060	730		305	2219 G 61
							ML-P1R	THR 16 (1hPa) / TDZ 17 (---%)	0.0%



09	RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV	Circling 2)
C	ft - ft/SM 250 - 4000R/0.75V 270	610 - 1.5V 620	590 - 1.25V 600	810 - 2.25V 820
D	ft - ft/SM 250 - 4000R/0.75V 270	610 - 1.5V 620	590 - 1.25V 600	930 - 3.0V 940

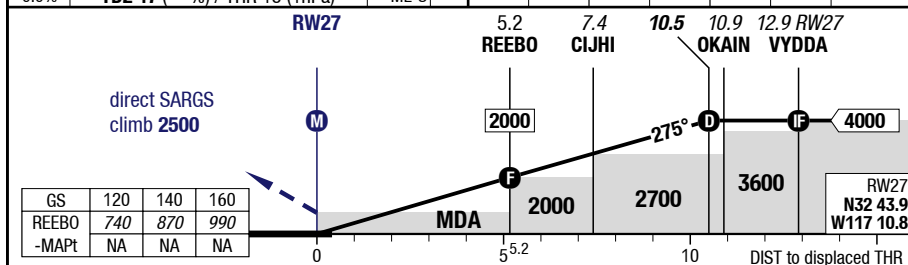
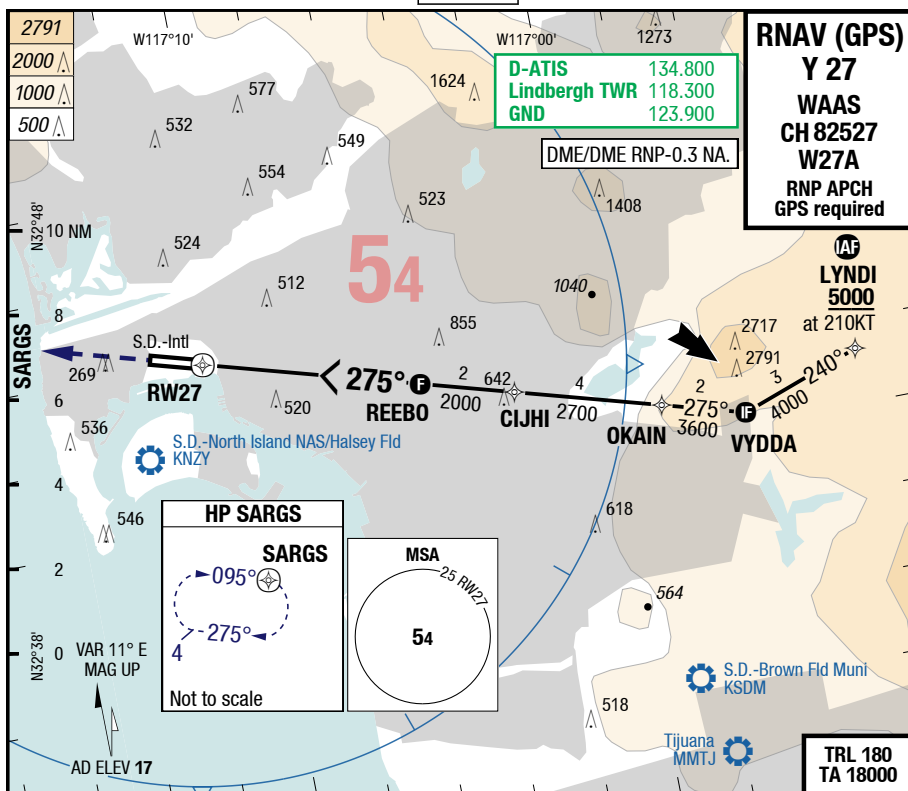
1) Uncompensated BARO VNAV NA below 6°C (43°F) or above 47°C (117°F)

2) S of RWY only

SAN-KSAN

7-80

RNAV (GPS) Y 27



27		RNAV GPS LP 1)	RNAV GPS LP APL U/S	RNAV GPS LNAV	RNAV GPS LNAV APL U/S	Circling 2)
C	ft - ft/SM ft	670 - 1.75V 680	670 - 2.0V 680	750 - 2.0V 760	750 - 2.0V 760	830 - 2.5V 840
D	ft - ft/SM ft	670 - 1.75V 680	670 - 2.0V 680	750 - 2.0V 760	750 - 2.0V 760	930 - 3.0V 940

1) INOP table does not apply		
------------------------------	--	--

2) S of RWY only

22-MAR-2018

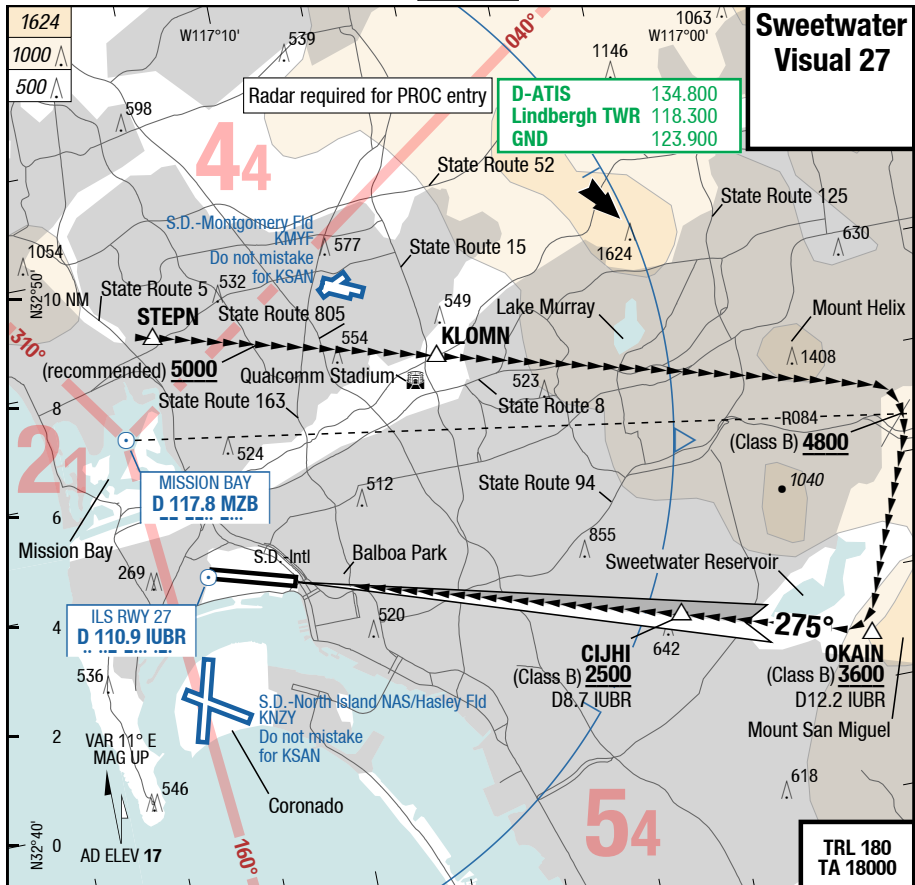
United States **San Diego** San Diego Intl

VAC

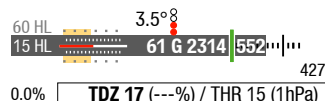
SAN-KSAN

7-90

Sweetwater Visual 27



VISUAL



27

TRL 180
TA 18000

Proceed eastbound north of Mission Bay (over STEP) then north of Qualcomm Stadium (KLOMN), then Lake Murray, turn base after passing State Route 125 abeam Gillespie Field and west of Mount San Miguel, cross R084 **MZB MNM 4800** (for Class B), intercept KSNB RWY 27 final approach course in the vicinity of Sweetwater Reservoir (be configured for a steep descent rate if turning right at State Route 125). If intercepting final approach course east of Sweetwater Reservoir, remain **MNM 3600** (for Class B) until westbound abeam the eastern edge of Sweetwater Reservoir (OKAIN), at **MNM 2500** (for Class B) until west of Sweetwater Reservoir (CIJHI), then proceed straight into RWY 27. **Missed APCH: at 900 HDG 275° - climb 3000**

27		VISUAL					Circling TERPS
C	ft - ft/SM ft	C 5000 - 10.0V					Not published
D	ft - ft/SM ft	C 5000 - 10.0V					Not published

© Lido 2018

Changes: OBST

AMDT 1