

GENERAL**Operational Hours****ATS Hours / AD OPS Hours:** H24**Airport Information****RFF:** FAA INDEX C / CAT 7**Fuel:** Jet A**PCN:** RWY 16L/34R: 48/R/B/X/T

RWY 16R/34L: 57/F/C/X/T

Operation**Wake Turbulence Aircraft Recategorization (RECAT)**

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

TWY Restriction

TWY Y4 MAX wingspan 36m / 118ft.

TWY B1 MAX wingspan 52m / 171ft.

MAX allowable gross ACFT load for TWY G1, G2:

- 31.7t / 70000lbs for single gear ACFT
- 77.1t / 170000lbs for dual gear ACFT
- 113.3t / 250000lbs for dual tandem gear ACFT

Noise Abatement Procedure

Noise sensitive area W of AD on Sac river.

When conducting IFR APCH in VMC, execute MISAP at RWY end.

VOR Test Facility (VOT): 111.400**Warnings**

Autopilot coupled APCH not authorized below 312ft AGL.

ECA VOR/DME unusable:

R015-R025 beyond 5NM.

R075-R090 beyond 5NM.

R115-R125 beyond 9NM.

R300-R310 beyond 9NM.

R032-R034 beyond 10NM.

R345-R360 beyond 10NM.

R055-R065 all ALTs and DISTs.

R126-R180 all ALTs and DISTs.

R251-R254 all ALTs and DISTs.

Crop duster in vicinity of AD 200ft or below.

Be aware: No through taxi route from cargo apron to terminal apron.

Portion of TWY W from 152m / 500ft east of TWY A to 640m / 2100ft east of TWY A not visible from TWR.

Birds in vicinity of AD.

ARRIVAL**Arrival Procedure****VFR Traffic Pattern**

RWY 16R/34R right-hand circuit.

Non-standard GP intercept position on**RWY 16L**

GP intercepts RWY 16L at *320m / 1049ft* after landing threshold.

Remaining LDG DIST beyond GP is *2303m / 7556ft*.

RWY 16R

GP intercepts RWY 16R at *332m / 1088ft* after landing threshold.

Remaining LDG DIST beyond GP is *2289m / 7510ft*.

RWY 34L

GP intercepts RWY 34L at *343m / 1126ft* after landing threshold.

Remaining LDG DIST beyond GP is *2278m / 7472ft*.

DEPARTURE**Take-off Minima**

RWY		16L, 16R	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	SID FTHIL, SID SCTWN:
3+4 ENG		0 - 2400R/0.5V	MNM climb gradient 8.3% up to 540
RWY		34L, 34R	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	SID FTHIL, SID RVRCT:
3+4 ENG		0 - 2400R/0.5V	MNM climb gradient 8.3% up to 540

Speed

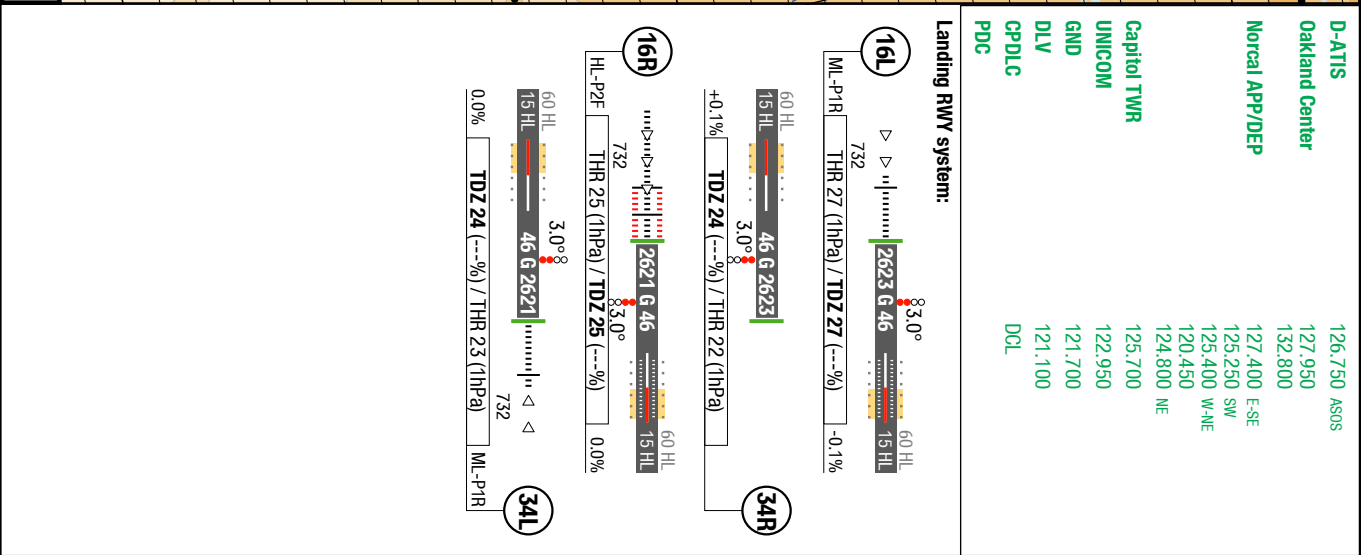
MAX IAS 250KT below 10000ft.

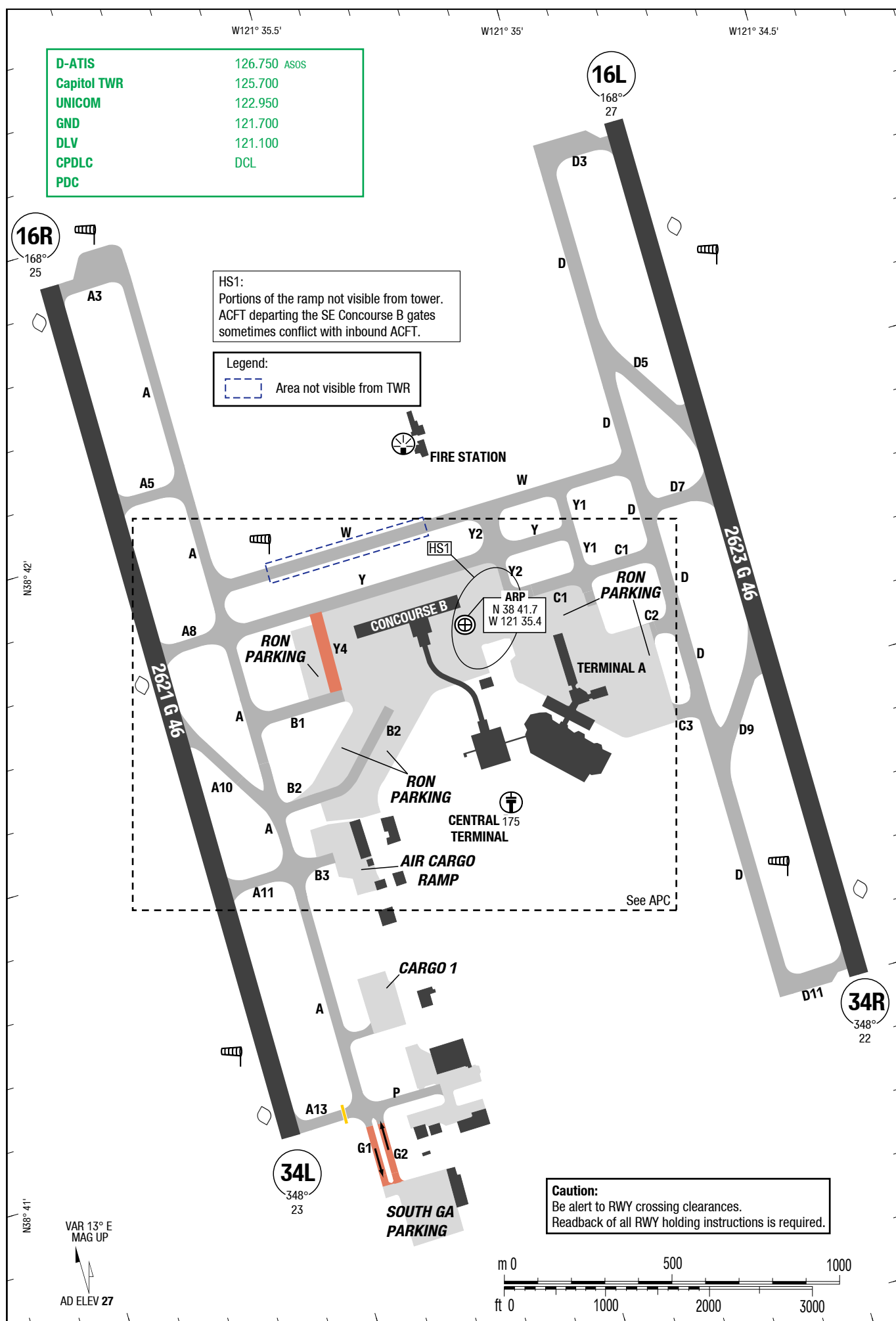
Communication

COM Failure: See CRAR and in addition;

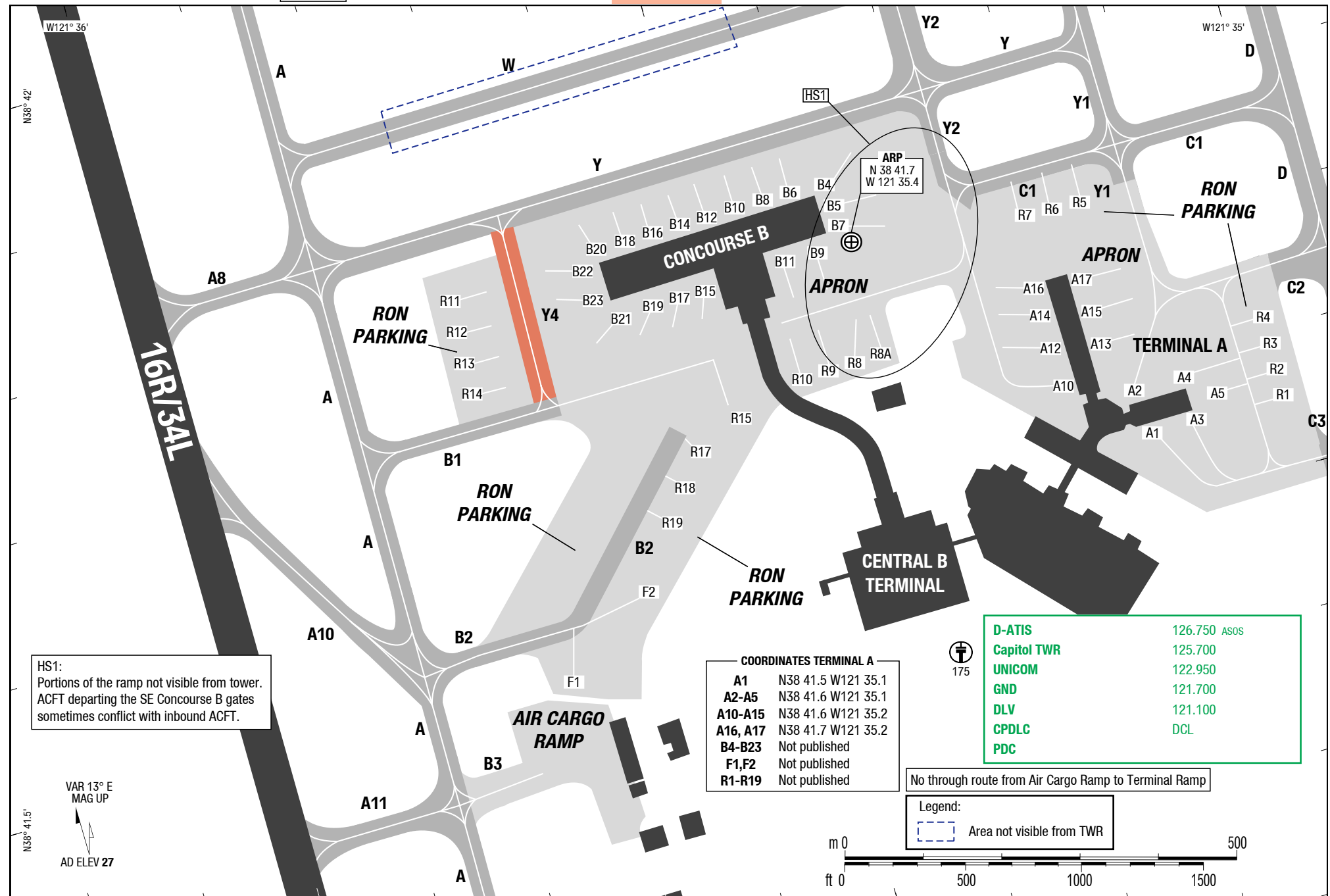
RWY 34L/R

DUDES 9: Maintain RWY HDG until 1500ft, then turn right HDG 140° to intercept and proceed via R154 MYV to intercept R058 SAC to DUDES INT. Then resume own navigation.





3-30



14-SEP-2017

SMF-KSMF

United States **Sacramento** Sacramento Intl

RVRCT 2 RNAV

4-10

FTHIL 2 RNAV

SID

SID

Sacramento Intl **Sacramento** United States

RVRCT 2 RNAV

FTHIL 2 RNAV



ALTs in brackets are MOCAs

DME/DME/IRU or GPS required

BNAV 1 required

Radar required

lot only

GRDOE

FTHL 16000
(7100)

FRIANT
D 115.6 FRA
N37 06.3 W119 35.7

Not to scale

TRL 180
TA 18000

Changes: new

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SMF-KSMF

4-20

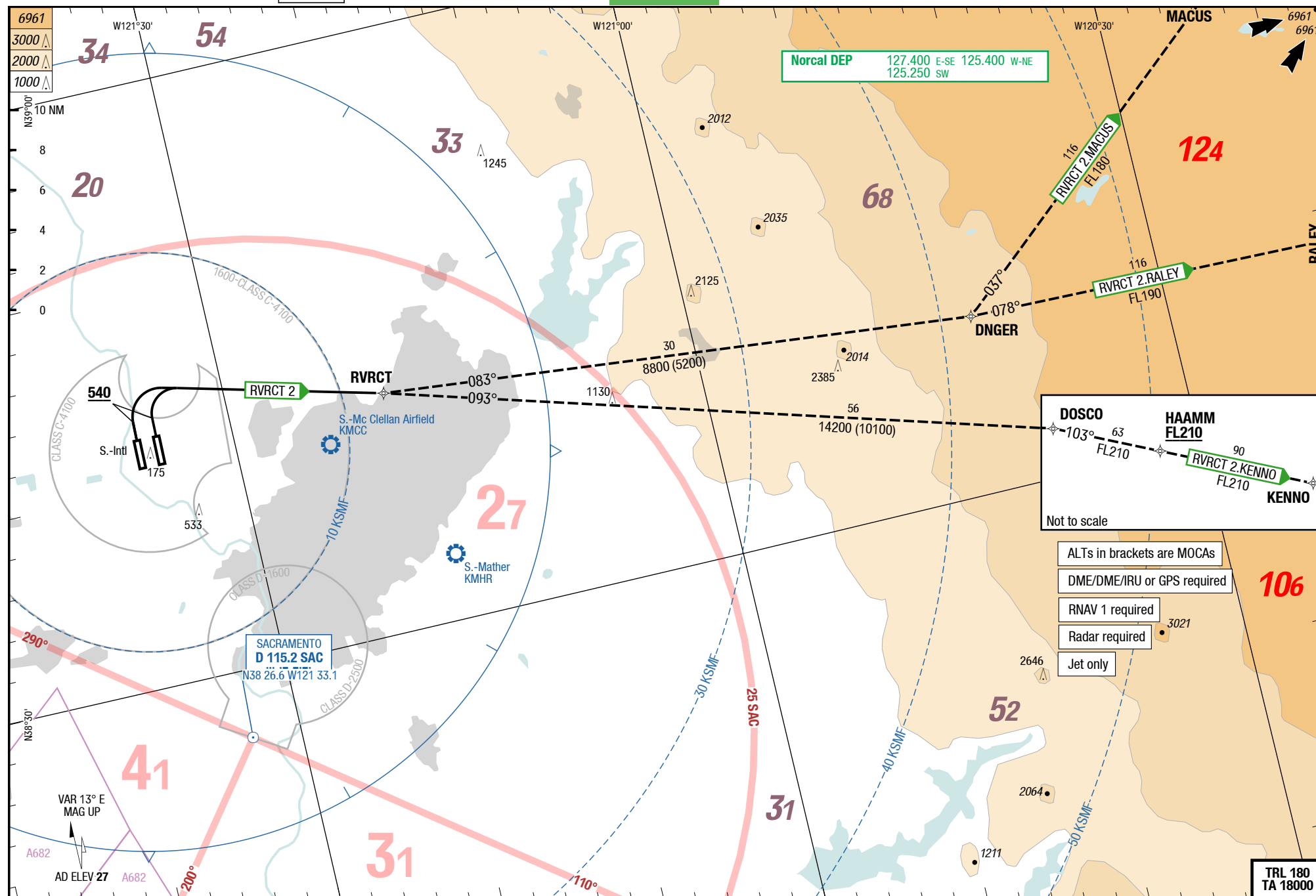
RVRCT 2 RNAV

SID

SID

Sacramento Intl **Sacramento** United States

RVRCT 2 RNAV



Changes: new

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14-SEP-2017
SMF-KSMF

United States **Sacramento** Sacramento Intl

DUDES 9

4-30

SCTWN 2 RNAV

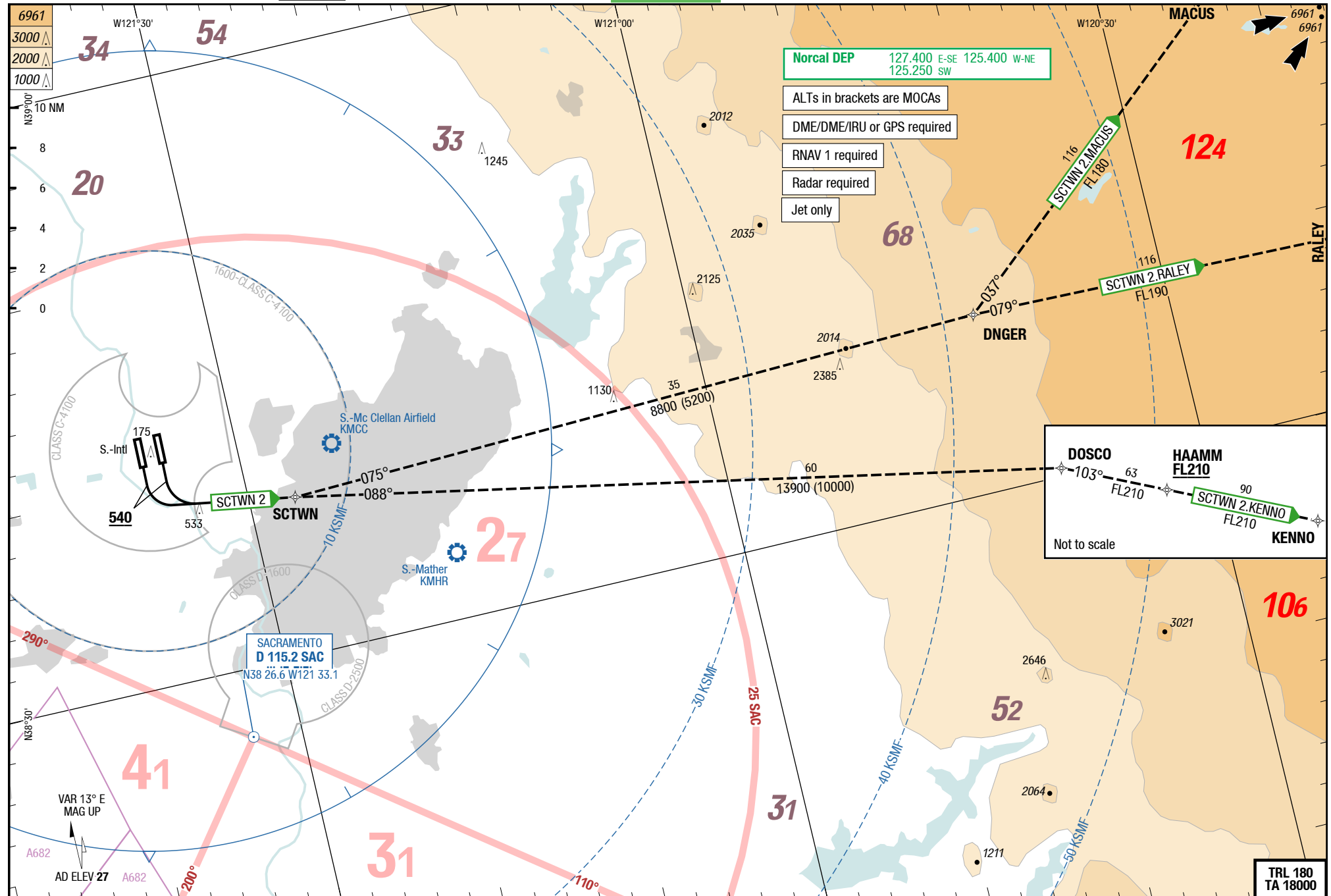
SID

SID

Sacramento Intl **Sacramento** United States

DUDES 9

SCTWN 2 RNAV



Changes: new

14-SEP-2017

United States **Sacramento** Sacramento Intl

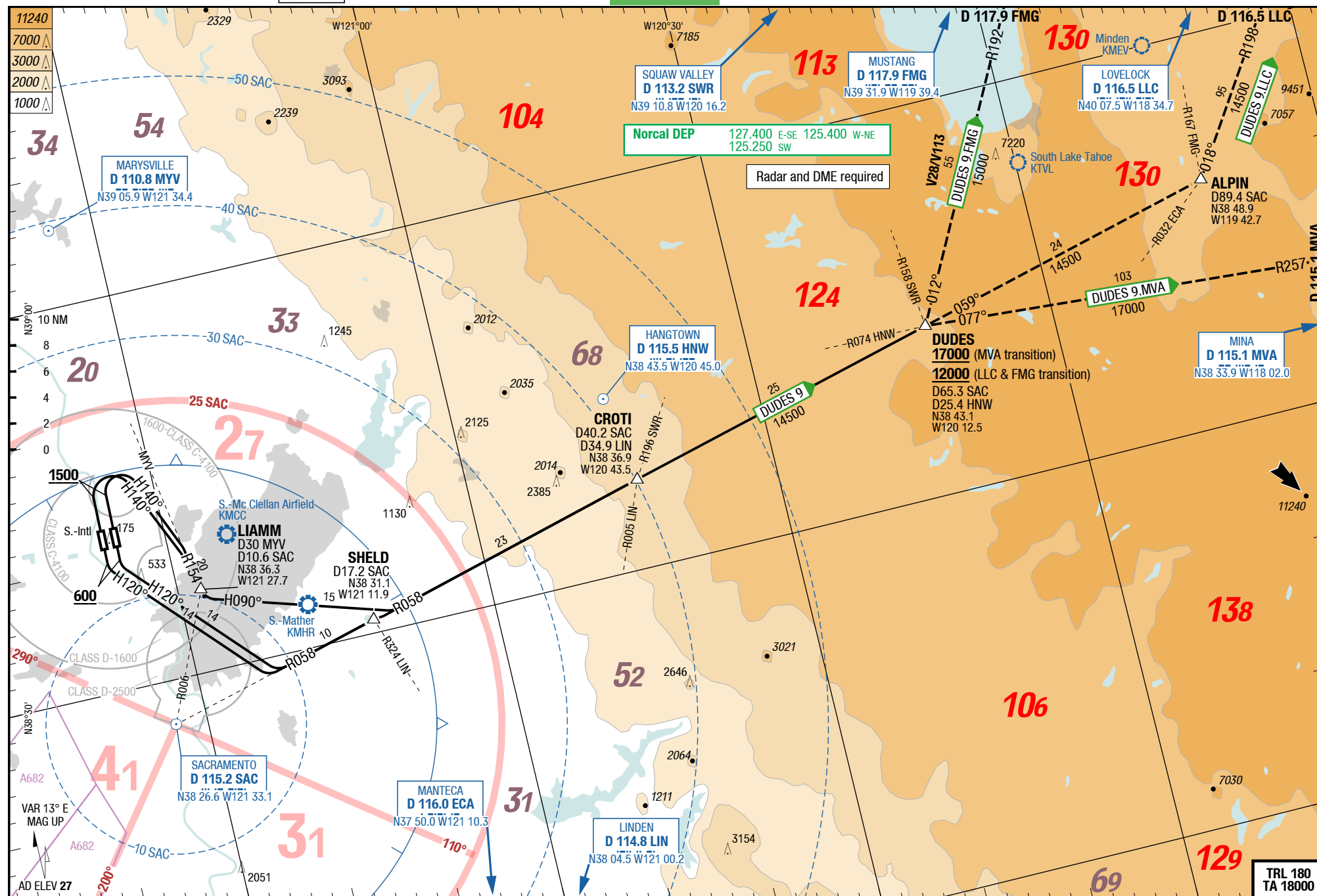
DUDES 9

SID

SID

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DUDES 9



Changes: Nil

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FTHIL 2

RWYs 16L/R (168°) / 34L/R (348°)

DESIGNATOR	ROUTING	ALTITUDES
FTHIL 2 127.400 ①		initial climb FL190
RWY 16L	RWY HDG - at MNM 540 LT direct FTHIL	
RWY 16R	RWY HDG - at MNM 540 LT direct FTHIL	
RWY 34L	RWY HDG - at MNM 540 RT direct FTHIL	
RWY 34R	RWY HDG - at MNM 540 RT direct FTHIL	
	TRANSITION	
	FRIANT (FRA) FTHIL - GRDOE - FRA	

① Expect filed altitude 10 minutes after departure.

SMF-KSMF

5-20

RVRCT 2 RNAV

RVRCT 2

RWYs 34L/R (348°)

DESIGNATOR	ROUTING	ALTITUDES
RVRCT 2 127.400 ①		initial climb FL190
RWY 34L	RWY HDG - at MNM 540 RT direct RVRCT	
RWY 34R	RWY HDG - at MNM 540 RT direct RVRCT	
	TRANSITION	
	KENNO RVRCT - DOSCO - HAAMM - KENNO	HAAMM MNM FL210
	MACUS RVRCT - DNGER - MACUS	
	RALEY RVRCT - DNGER - RALEY	

① Expect filed altitude 10 minutes after departure.

14-SEP-2017

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5-30

SCTWN 2 RNAV

SIDPT

SCTWN 2

RWYs 16L/R (168°)

DESIGNATOR	ROUTING	ALTITUDES
SCTWN 2 127.400 ①		initial climb FL190
RWY 16L	RWY HDG - at MNM 540 LT direct SCTWN	
RWY 16R	RWY HDG - at MNM 540 LT direct SCTWN	
	TRANSITION	
	KENNO SCTWN - DOSCO - HAAMM - KENNO	HAAMM MNM FL210
	MACUS SCTWN- DNGER - MACUS	
	RALEY SCTWN - DNGER - RALEY	

① Expect filed altitude 10 minutes after departure .

Changes: New

14-SEP-2017

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5-40

DUDES 9**SIDPT****DUDES 9**

RWYs 16L/R (168°) / 34L/R (348°)

DESIGNATOR	ROUTING	ALTITUDES
DUDES 9 127.400 ①		
RWYs 16L/16R	at MNM 600 LT HDG 120° - intercept R058 SAC to SHEL - CROTI - DUDES	
RWYs 34L/34R	at MNM 1500 RT HDG 140° - intercept R154 MYV - at LIAMM LT HDG 090° - intercept R058 SAC to CROTI - DUDES	
	TRANSITION	
	LOVELOCK (LLC) DUDES - ALPIN - R198 LLC to LLC	DUDES MNM 12000
	MINA (MVA) DUDES - R257 MVA to MVA	DUDES MNM 17000
	MUSTANG (FMG) DUDES - R192 FMG to FMG	DUDES MNM 12000

① Expect further clearance to filed altitude after CROTI.

Changes: Nil

SMF-KSMF

5-50

Obstacle Departure

Obstacle Departure	
RWY	Routing
16L	climb HDG 164° to 700 before turning east
RWY	Notes
16L	Vehicles on road, 225ft from DER, crossing RWY centerline, 10ft AGL/31ft MSL.
34L	Tree 3656ft from DER, 1296ft left of centerline, 98ft AGL/123ft MSL.
34R	Pole 1786ft from DER, 945ft right of centerline, 46ft AGL/73ft MSL.

14-SEP-2017
SMF-KSMF

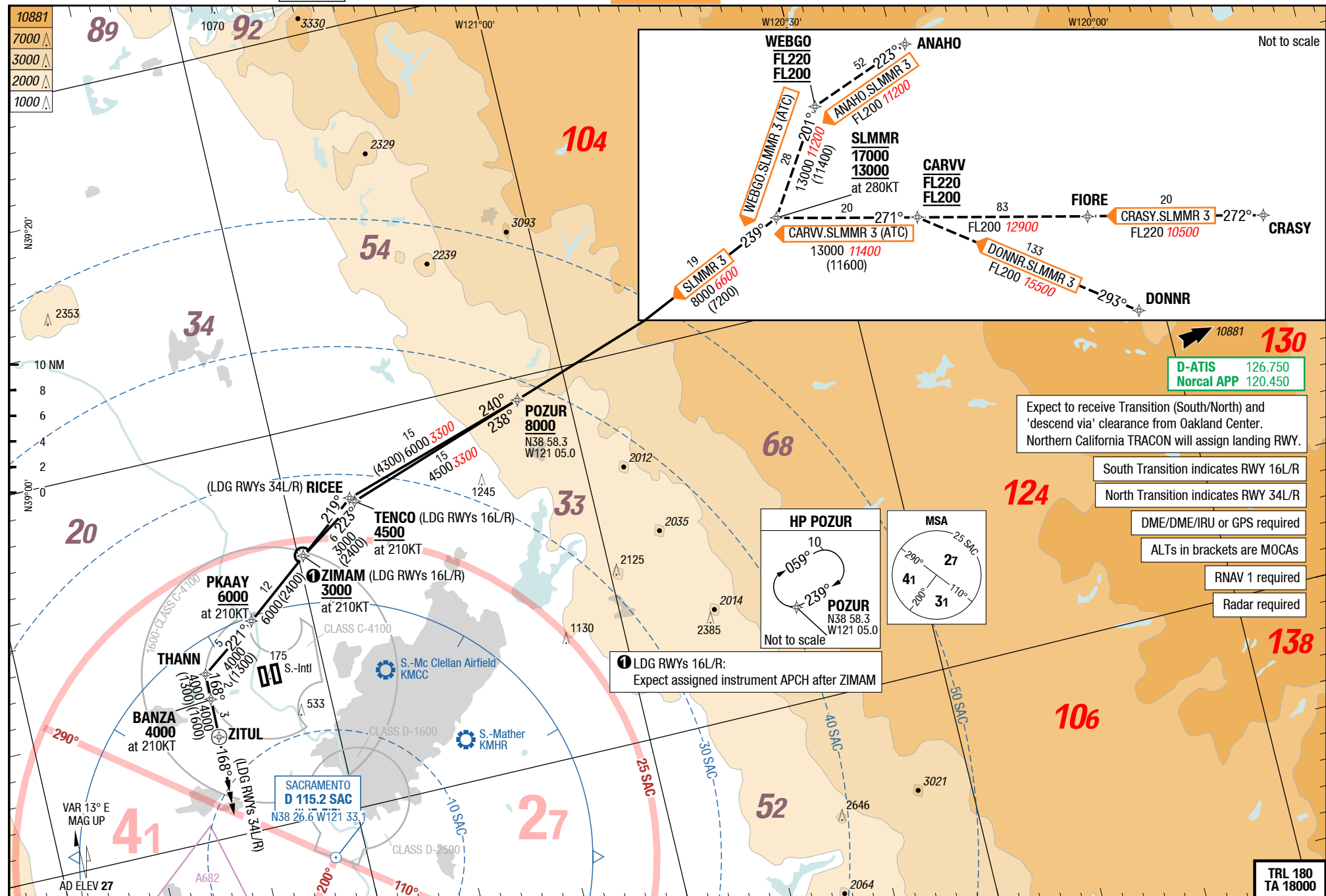
United States **Sacramento** Sacramento Intl
SUUTR 2 RNAV
SLMMR 3 RNAV

STAR

STAR

Sacramento Intl **Sacramento** United States
SUUTR 2 RNAV
SLMMR 3 RNAV

6-10



Changes: OBST

SMF-KSMF

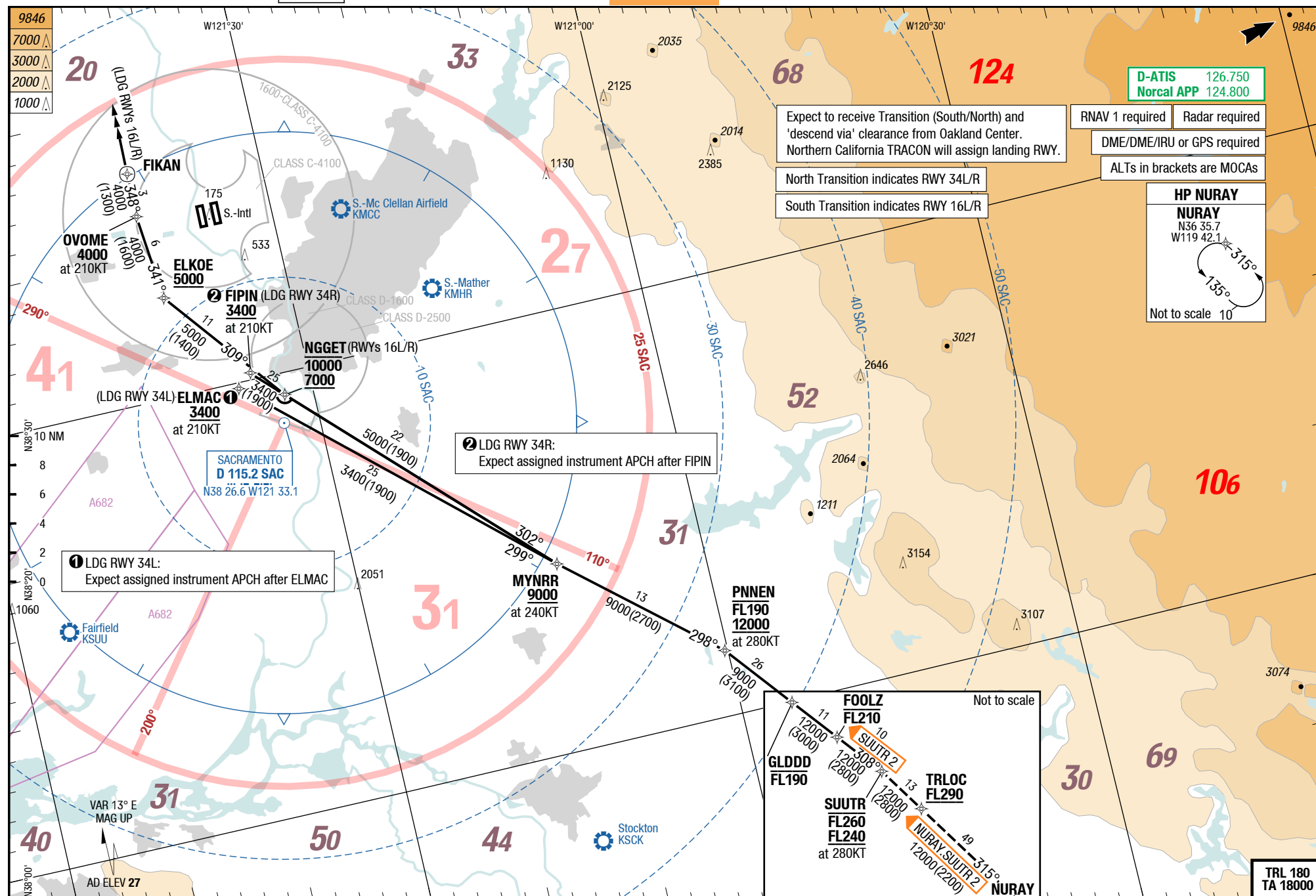
6-20

SUUTR 2 RNAV

STAR

STAR

SUUTR 2 RNAV



Changes: Track, OBST

© I :J- 0047

SMF-KSMF

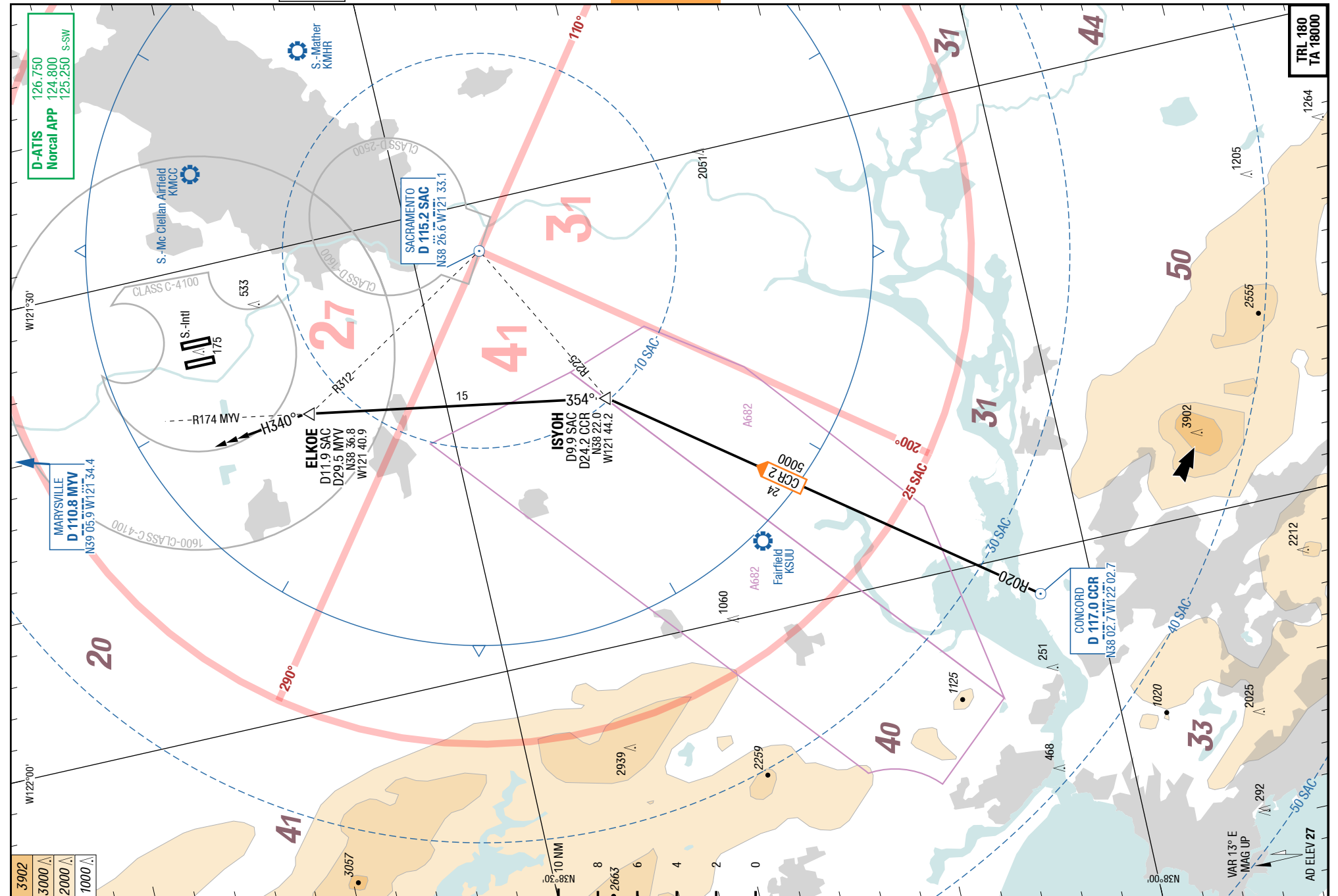
FLUNK 3

STAR

STAR

FLUNK 3

CONCORD 2 (CCR 2)



Changes: chart title

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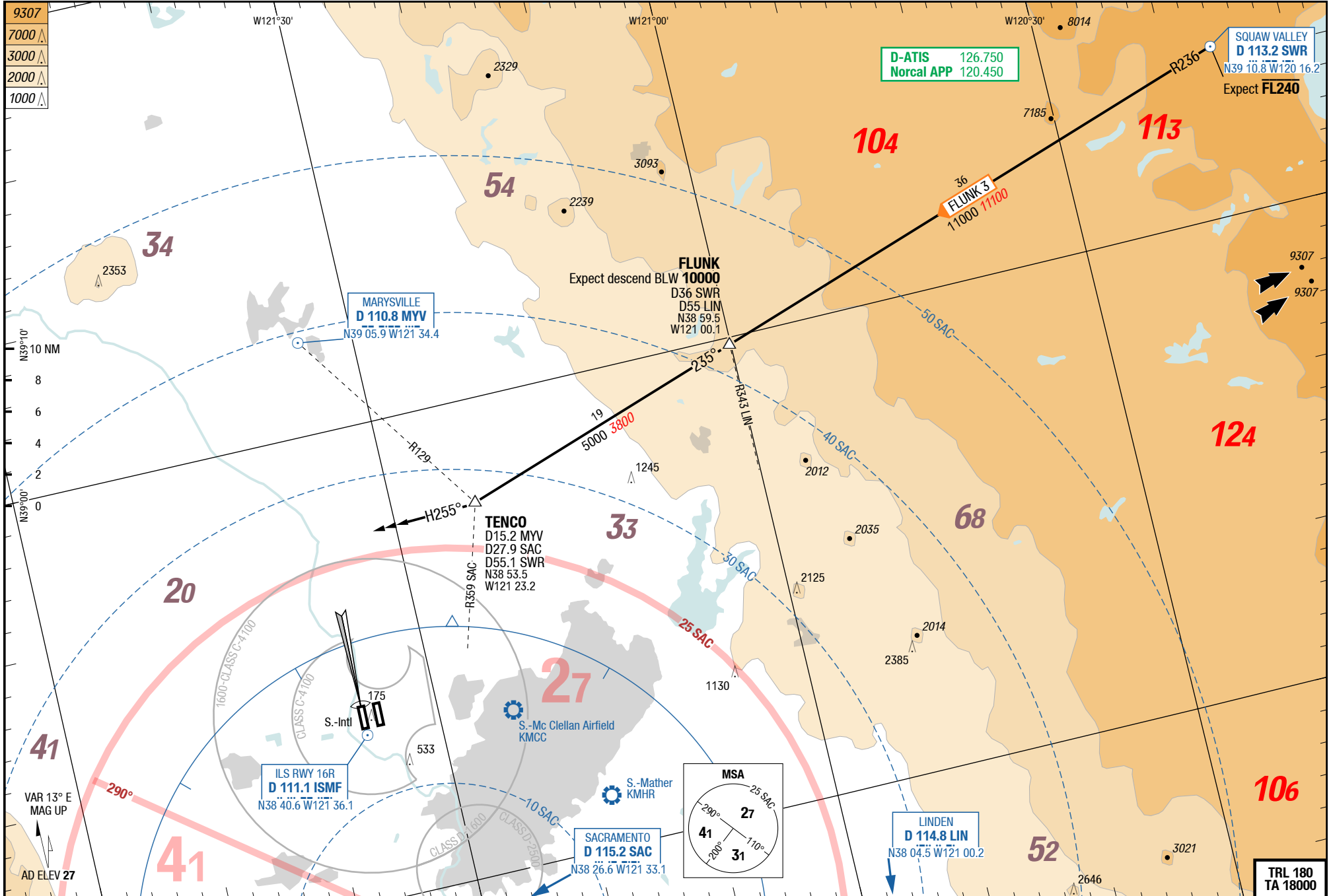
FLUNK 3

STAR

STAR

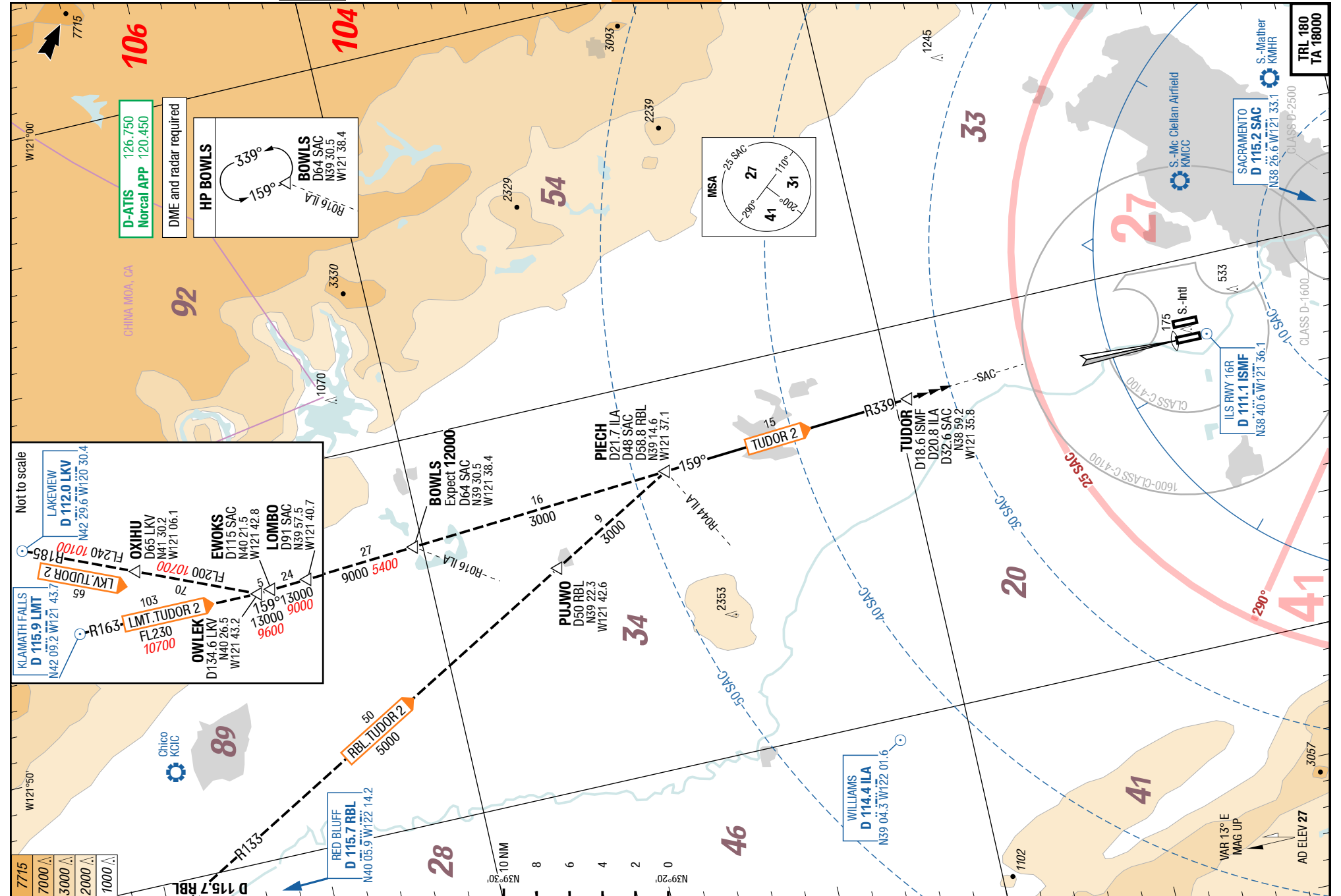
Sacramento Intl **Sacramento** United States

FLUNK 3



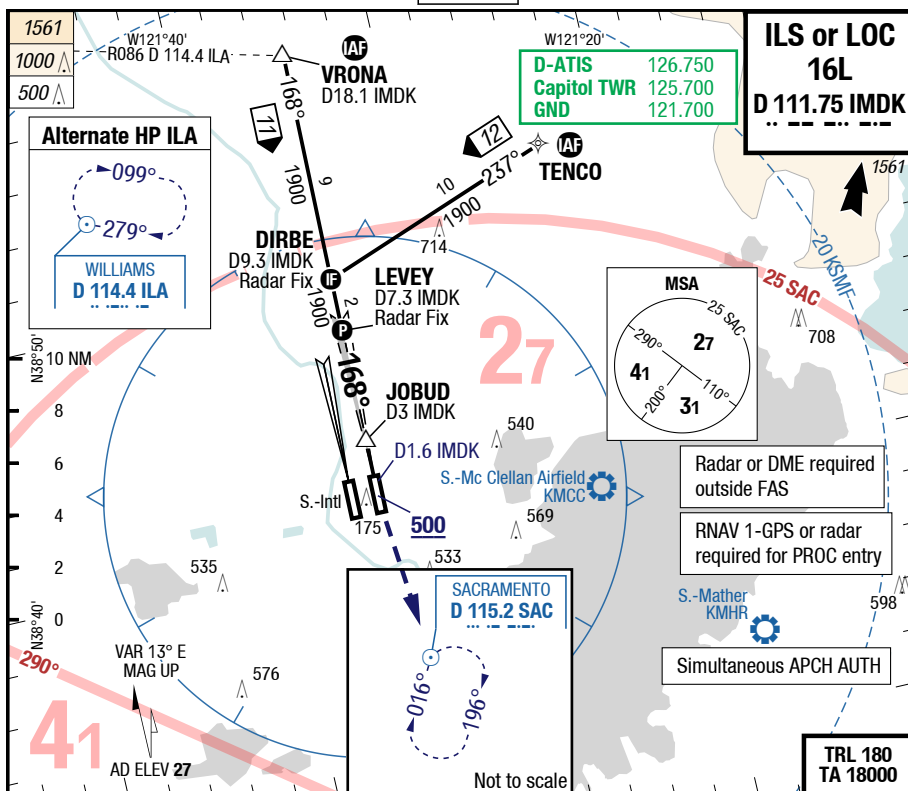
Changes: new

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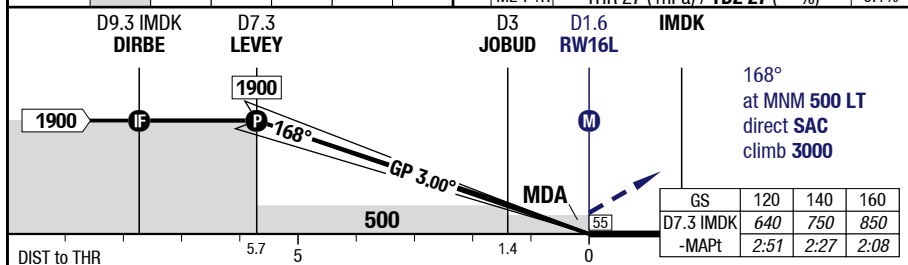
SMF-KSMF

7-10

ILS or LOC 16L

LOC 3.01° D IMDK	7.3	7	6	5	4
	1900	1810	1490	1170	850

16L 83.0° 60 HL 15 HL
732
ML-P1R THR 27 (1hPa) / **TDZ 27** (---%) -0.1%



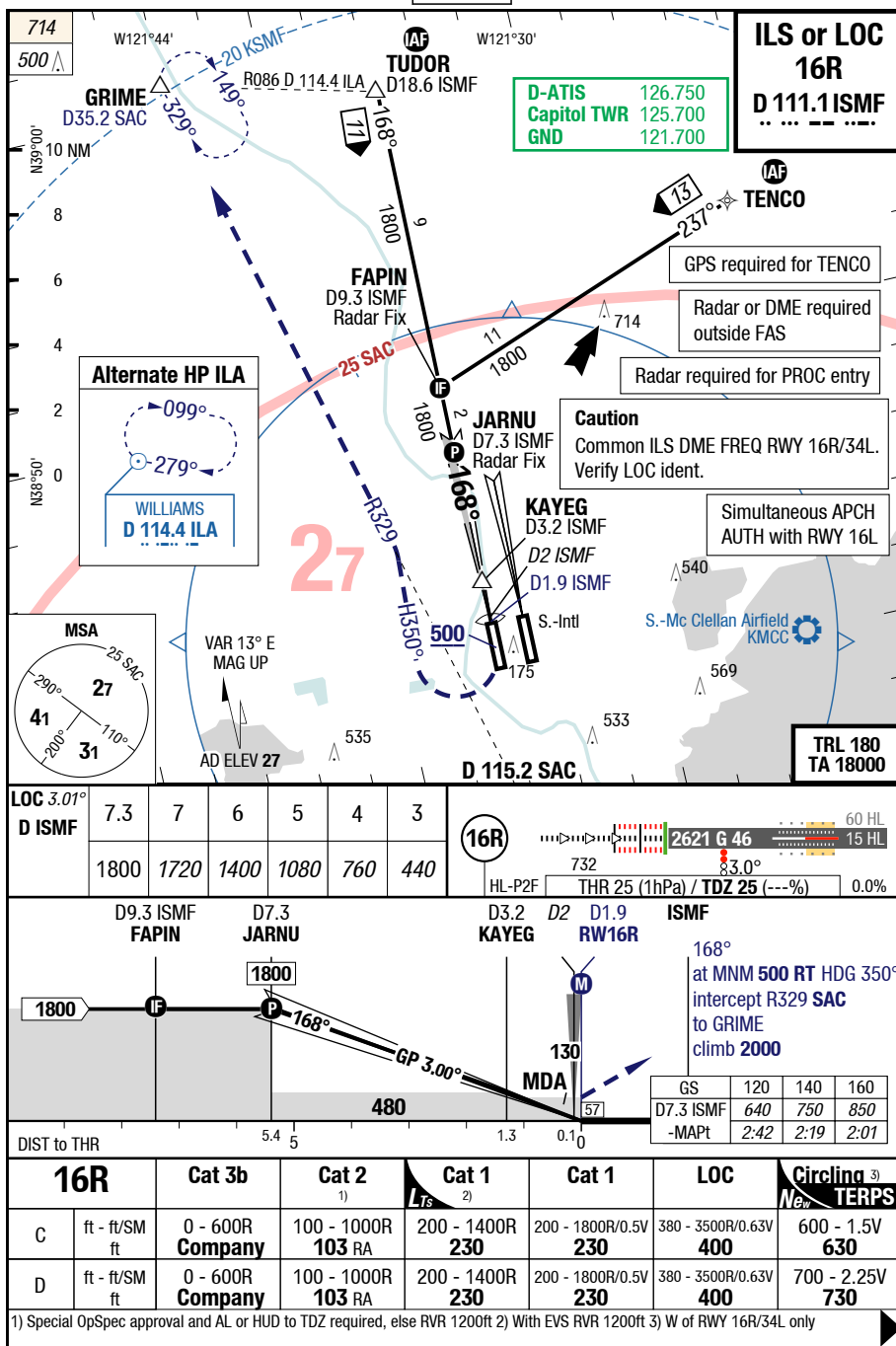
16L		Cat 1	LOC DME	LOC wo JOBUD		Circling 1) TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 230	320 - 2400R/0.5V 340	480 - 5000R/1.0V 500		600 - 1.5V 630
D	ft - ft/SM ft	200 - 1800R/0.5V 230	320 - 2400R/0.5V 340	480 - 5000R/1.0V 500		820 - 2.75V 840

1) E of RWY 16L/34R only

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7-20

ILS or LOC 16R



28-DEC-2017

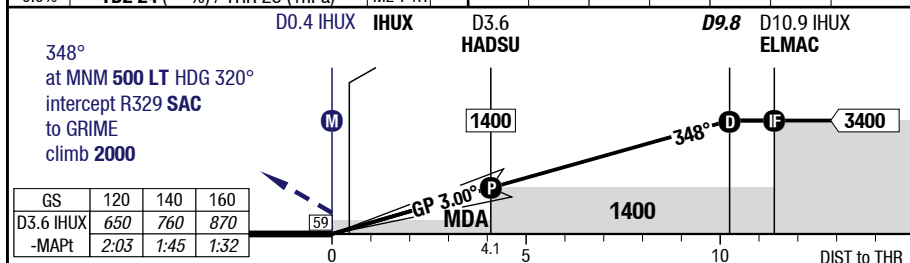
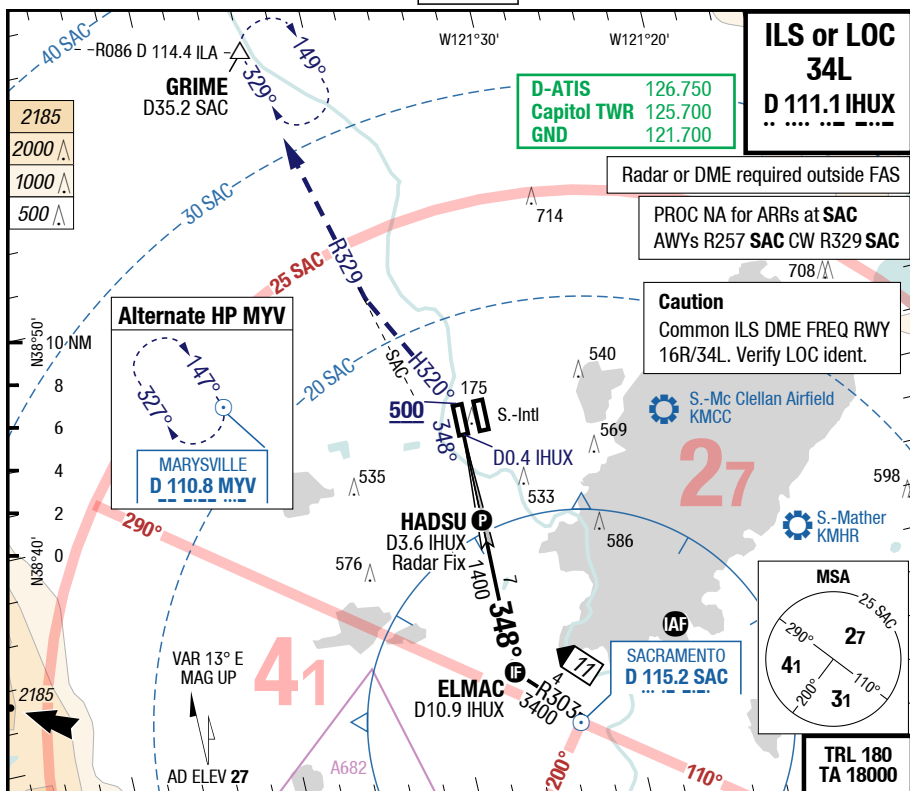
United States **Sacramento** Sacramento Intl

IAC

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7-30

ILS or LOC 34L



34L		Cat 1	Cat 1	LOC	LOC	Circling ³⁾
TERPs		1) ft - ft/SM	SAC QNH 2) ft - ft/SM	SAC QNH 2) ft - ft/SM	SAC QNH 2) ft - ft/SM	New TERPs
C	ft - ft/SM ft	200 - 1800R/0.5V 230	240 - 2400R/0.5V 270	400 - 3500R/0.63V 420	440 - 4500R/0.88V 460	600 - 1.5V 630
D	ft - ft/SM ft	200 - 1800R/0.5V 230	240 - 2400R/0.5V 270	400 - 4000R/0.75V 420	440 - 4500R/0.88V 460	700 - 2.25V 730

1) FD, AP or HGS required, else RVR 2400ft or VIS 0.5SM

3) W of RWY 16R/34L only

2) Use with Sacramento Executive (KSAC) QNH

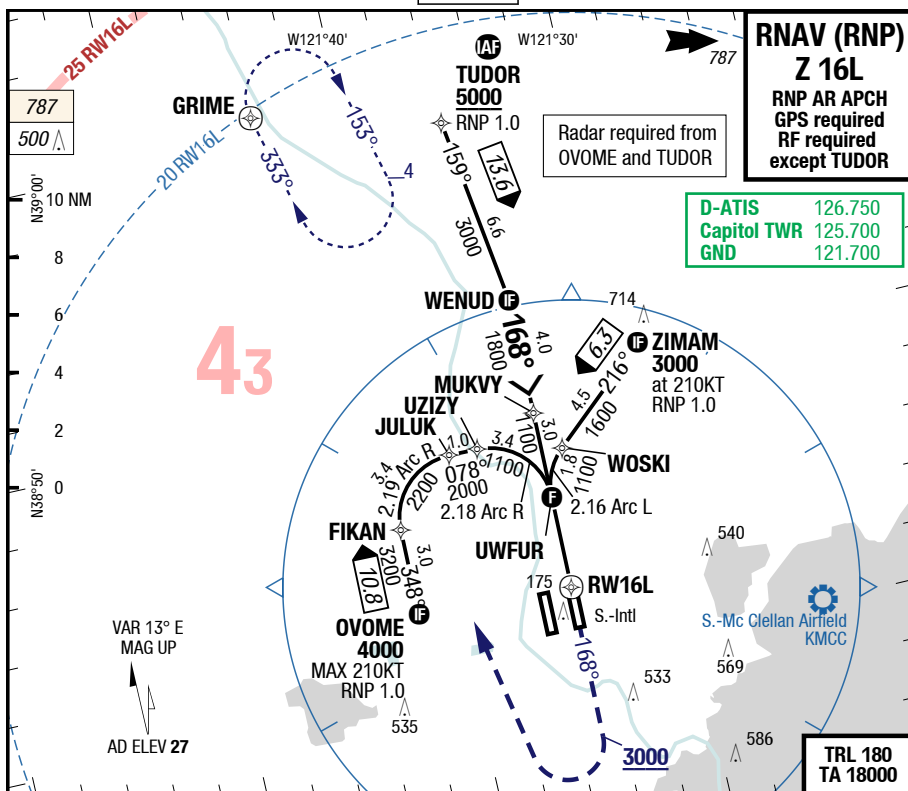
Changes: MEA, Profile, AMDT No

AMDT 7F

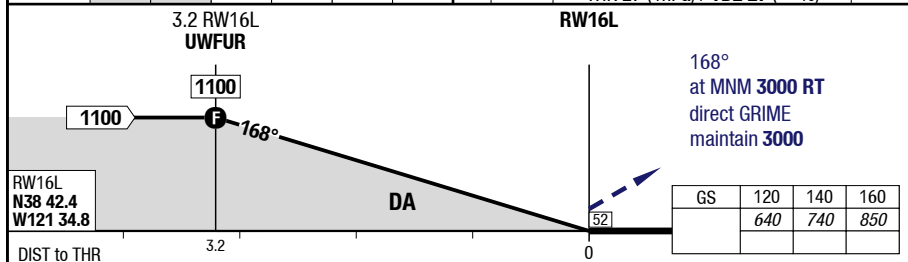
03-NOV-2016

United States **Sacramento** Sacramento Intl

IAC

SMF-KSMF**7-50****RNAV (RNP) Z 16L**

3.00°			3.2	3	2	1		83.0°	60 HL	15 HL
RW16L			1100	1040	720	400		2623 G 46		
								732		
								ML-P1R	THR 27 (1hPa) / TDZ 27 (---%)	-0.1%



16L	RNAV RNP 0.30 VNAV 1)				Circling TERPS
C	ft - ft/SM ft	300 - 0.5V 330			Not published
D	ft - ft/SM ft	300 - 0.5V 330			Not published

1) Uncompensated BARO VNAV NA below -4°C (25°F) or above 54°C (130°F)

Changes: ALT, APL, HLDG, OBST, Editorial

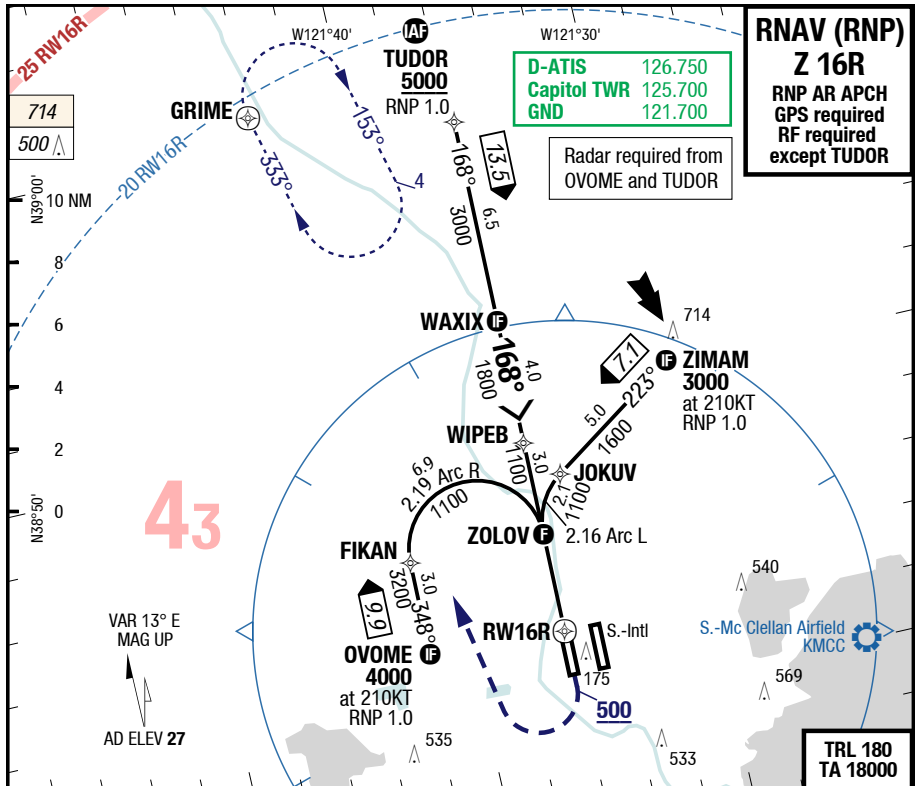
AMDT 1

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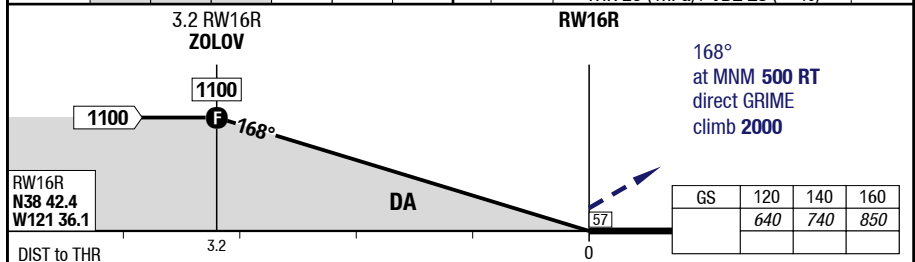
03-NOV-2016

SMF-KSMF**7-60****RNAV (RNP) Z 16R**

IAC



3.00°				3.2	3	2	16R	732	2621 G 46	60 HL	15 HL
RW16R				1100	1040	720		HL-P2F	THR 25 (1hPa) / TDZ 25 (---%)	0.0%	



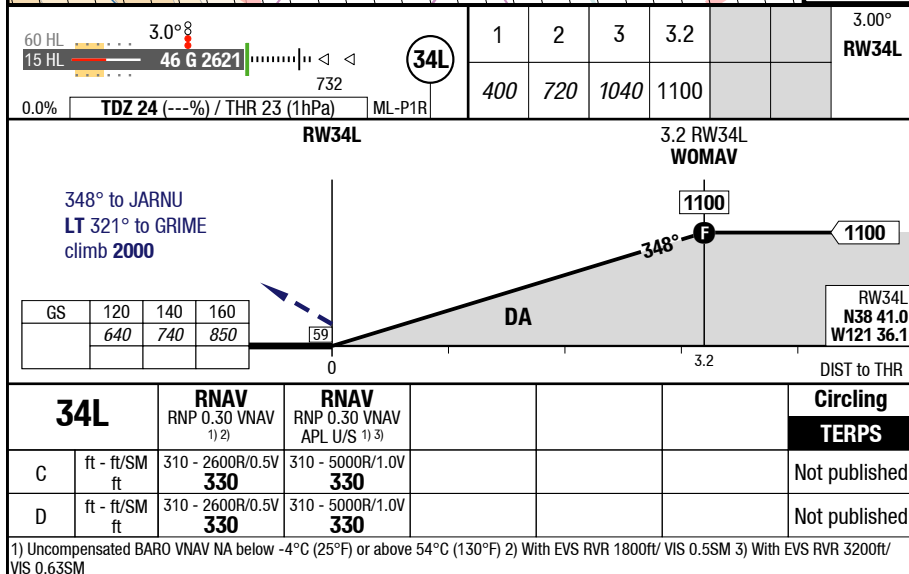
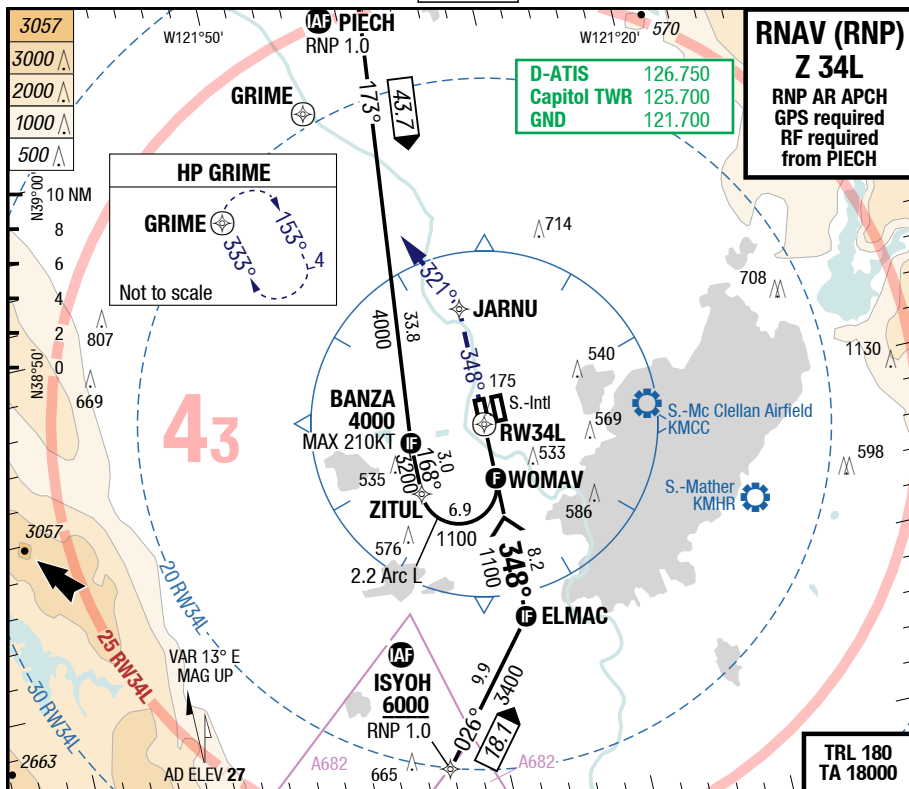
16R		RNAV RNP 0.10 VNAV 1) 2)	RNAV RNP 0.30 VNAV 1) 3)	RNAV RNP 0.30 VNAV APL U/S 1) 4)	Circling TERPS	
C	ft - ft/SM ft	300 - 2400R/0.5V 330	370 - 4000R/0.75V 390	370 - 6000R/1.25V 390	Not published	
D	ft - ft/SM ft	300 - 2400R/0.5V 330	370 - 4000R/0.75V 390	370 - 6000R/1.25V 390	Not published	

1) Uncompensated BARO VNAV NA below -4°C (25°F) or above 54°C (130°F) 2) With EVS RVR 1600ft/ VIS 0.25SM 3) With EVS RVR 2600ft/ VIS 0.5SM 4) With EVS RVR 4000ft/ VIS 0.75SM

03-NOV-2016

United States **Sacramento** Sacramento Intl**SMF-KSMF****7-70****RNAV (RNP) Z 34L**

IAC



Changes: ALT, APL, HLDG, OBST, Editorial

AMDT 1

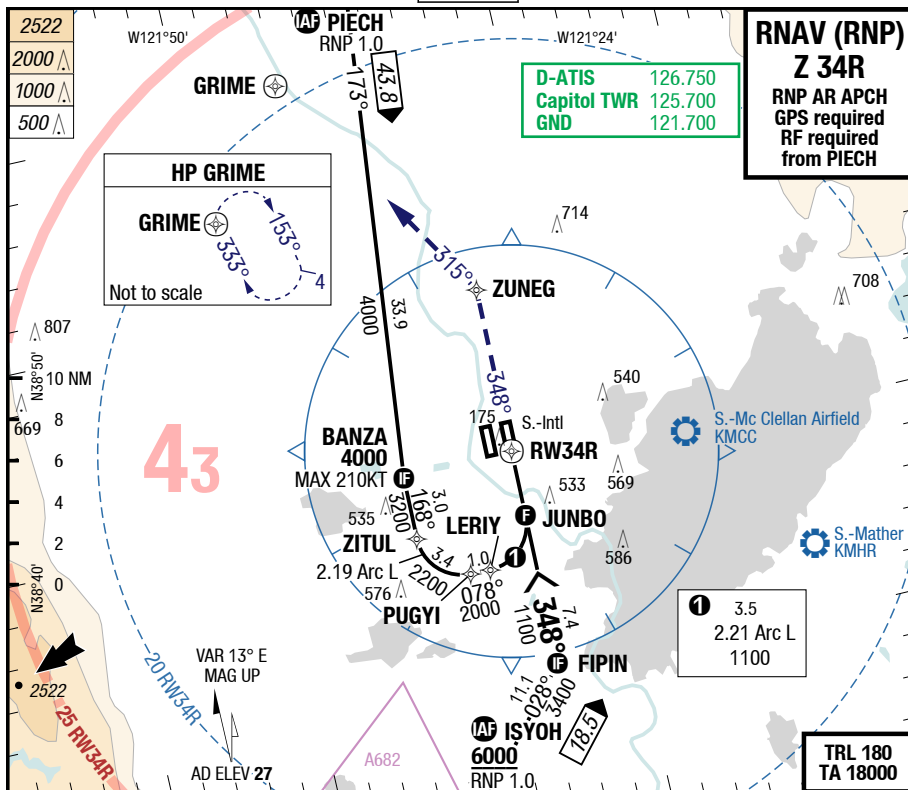
03-NOV-2016

United States **Sacramento** Sacramento Intl**SMF-KSMF**

7-80

RNAV (RNP) Z 34R

IAC



60 HL
15 HL
46 G 2623
3.0°
+0.1% TDZ 24 (---%) / THR 22 (1hPa)

(34R)

1	2	3	3.2		3.00° RW34R
410	730	1050	1100		

RW34R3.2 RW34R
JUNBO

348° to ZUNEG
LT 315° to GRIME
climb 2000

GS	120	140	160
	640	740	850

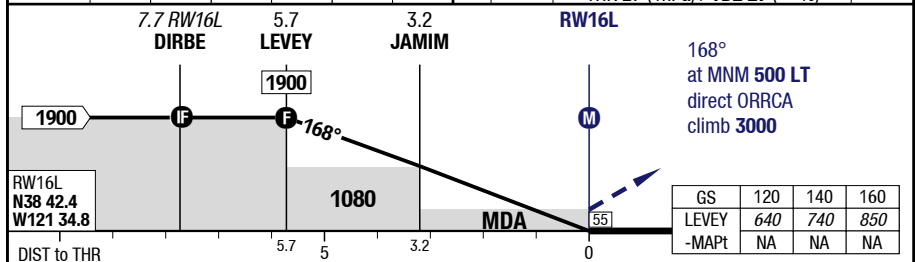
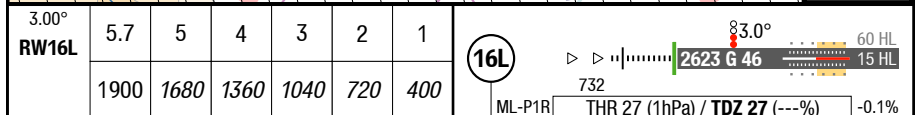
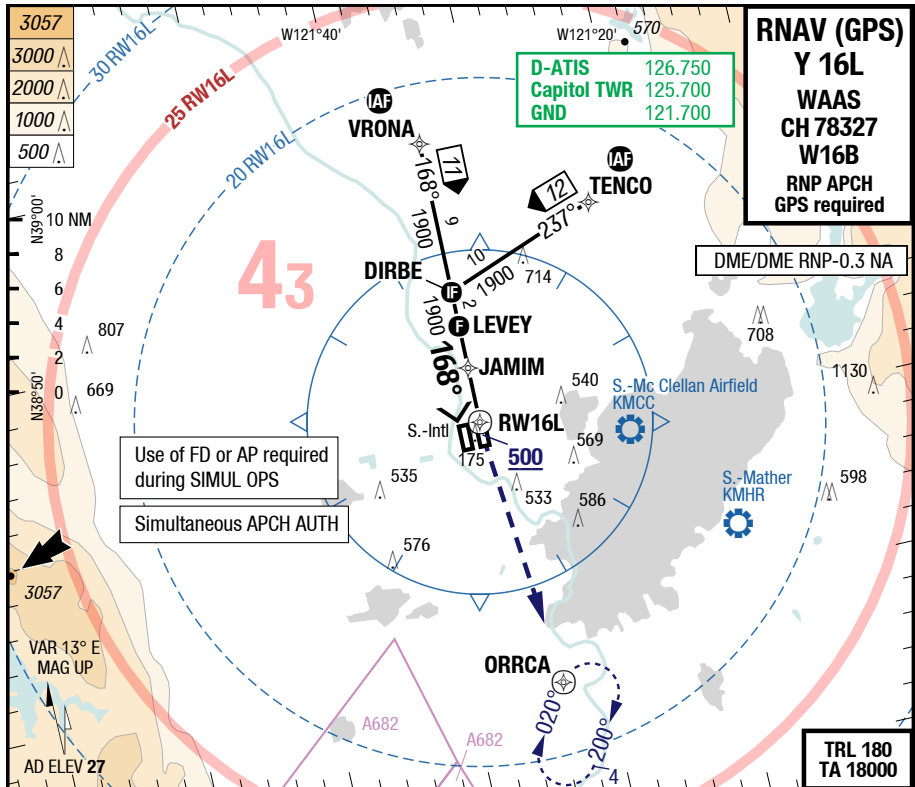


34R		RNAV RNP 0.10 VNAV 1) 2)	RNAV RNP 0.30 VNAV 1) 3)			Circling TERPS
C	ft - ft/SM ft	300 - 0.88V 320	370 - 1.13V 390			Not published
D	ft - ft/SM ft	300 - 0.88V 320	370 - 1.13V 390			Not published

1) Uncompensated BARO VNAV NA below -4°C (25°F) or above 54°C (130°F) 2) With EVS VIS 0.63SM 3) With EVS VIS 0.75SM

SMF-KSMF

7-90

RNAV (GPS) Y 16L

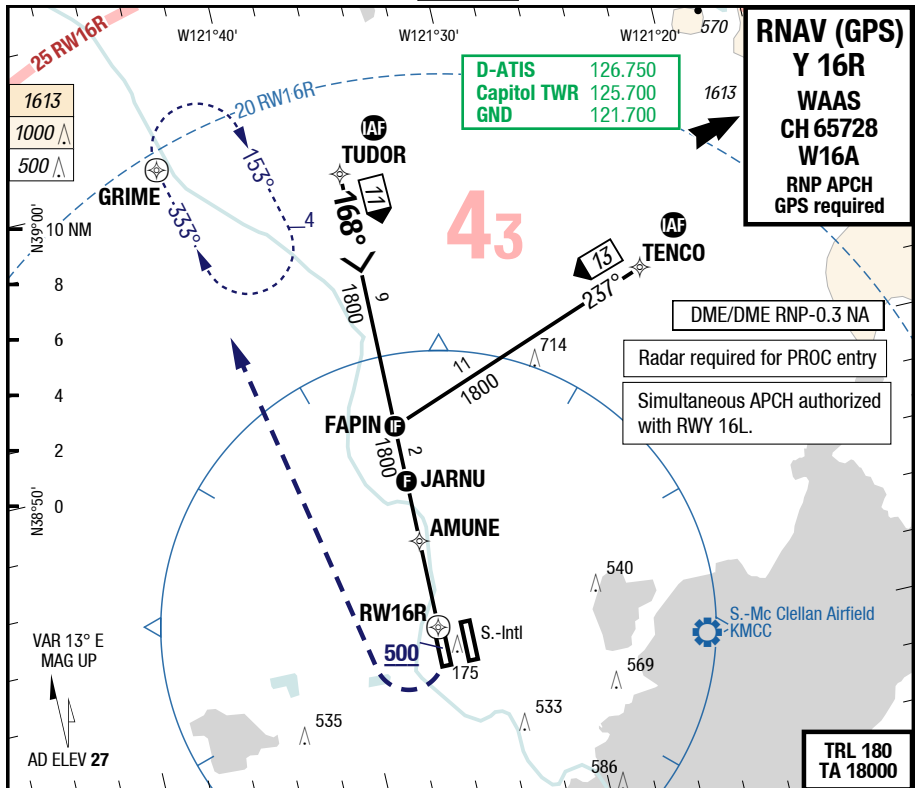
TERPS	16L	RNAV GPS			Circling 3) Ne
		LPV	VNAV 1)	LNAV 2)	
C	ft - ft/SM ft	200 - 1800R/0.5V 230	250 - 2400R/0.5V 280	360 - 3000R/0.63V 380	600 - 1.5V 630
D	ft - ft/SM ft	200 - 1800R/0.5V 230	250 - 2400R/0.5V 280	360 - 3000R/0.63V 380	820 - 2.75V 840

1) Uncompensated BARO VNAV NA below -4°C (25°F) or above 54°C (130°F) 2) NA during SIMUL OPS 3) E of RWY 16L/34R only

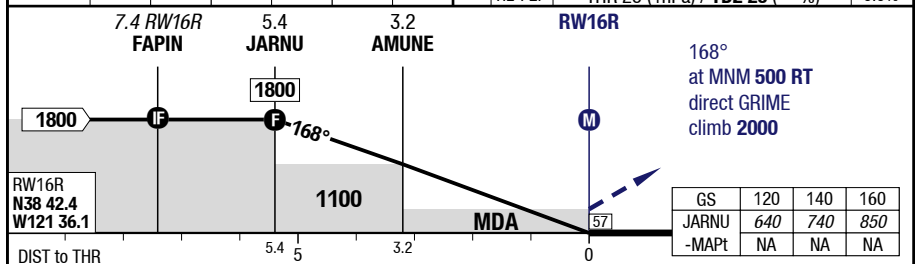
SMF-KSMF

7-100

RNAV (GPS) Y 16R



3.00° RW16R	5.4	5	4	3	2	1	<p>16R</p> <p>732</p> <p>2621 G 46</p> <p>60 HL</p> <p>15 HL</p> <p>83.0°</p> <p>THR 25 (1hPa) / TDZ 25 (---%)</p> <p>0.0%</p>
	1800	1680	1360	1040	720	400	



16R		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV 2)		Circling 3) TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 230	300 - 2400R/0.5V 330	380 - 3500R/0.63V 400		600 - 1.5V 630
D	ft - ft/SM ft	200 - 1800R/0.5V 230	300 - 2400R/0.5V 330	380 - 3500R/0.63V 400		700 - 2.25V 730

1) Uncompensated BARO VNAV NA below -4°C (25°F) or above 54°C (130°F) 2) NA during SIMUL OPS 3) W of RWY 16R/34L only

13-JUL-2017

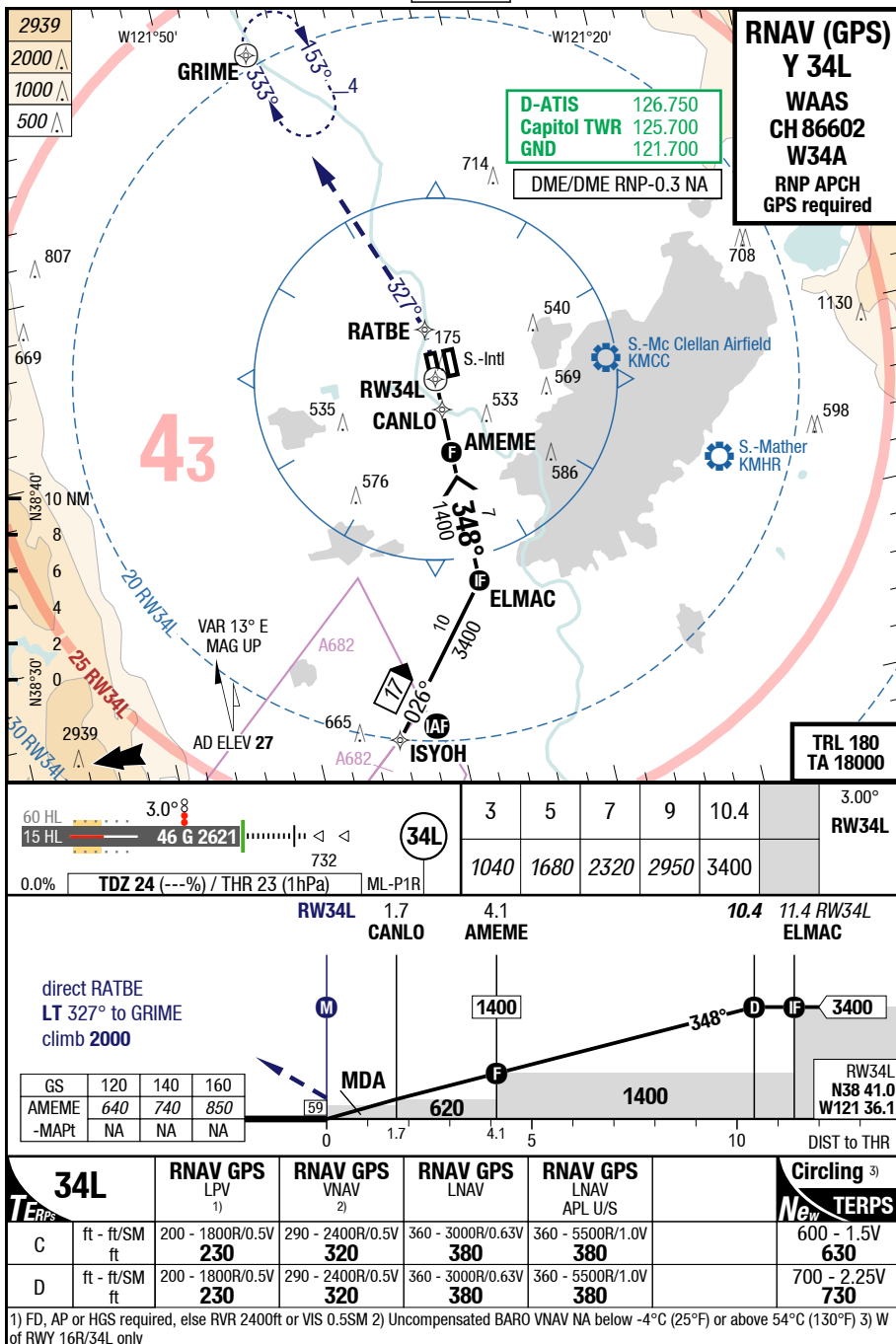
United States **Sacramento** Sacramento Intl

IAC

SMF-KSMF

7-110

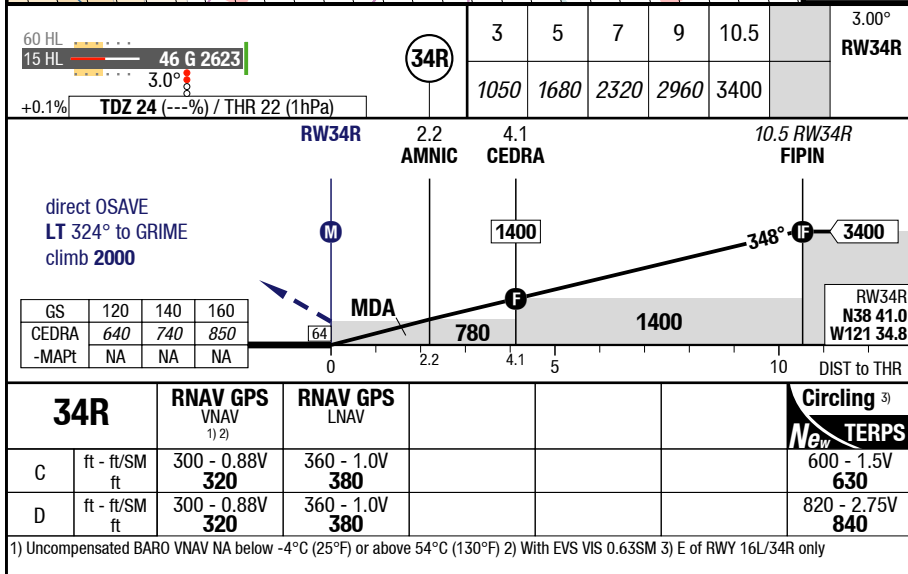
RNAV (GPS) Y 34L



Changes: MIN, AMDT No

AMDT 2A

RNAV (GPS) Y 34R



SMF-KSMF

7-130

WxMinima Overflow

16R		LOC wo KAYEG					
C	ft - ft/SM ft	460 - 4500R/0.88V 480					
D	ft - ft/SM ft	460 - 4500R/0.88V 480					