

GENERAL**Operational Hours****ATS Hours:** 1000-2359**Airport Information****RFF:** CAT 5**PCN:** Not published**Operation****TWY Restrictions**

TWY A width 18m / 59ft.

Taxi/Parking

Taxi at reduced speed and strictly follow TWY CL.

Taxi into stands under own PWR, unless otherwise indicated by ATC.

Engine Run-up

Engine tests not allowed BTN 0100-1100.

Warnings**SRA VOR/DME** unusable: R170-R310 between 15-30NM below FL80.

Birds in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below FL100 within airspace classes B, C, D and G.

Communication**COM Failure:** See CRAR.**DEPARTURE****Take-off Minima**

RWY		11/29		
Multi ENG	ft - m/km	0 - 550V	HJ only	For conditions check CRAR
		0 - 800V	HN	

Speed

MAX IAS 250KT below FL100 within airspace classes B, C, D and G.

Communication**COM Failure:** See CRAR.**Departure Procedure****Noise Abatement Procedure:** Use TKOF PROC B.

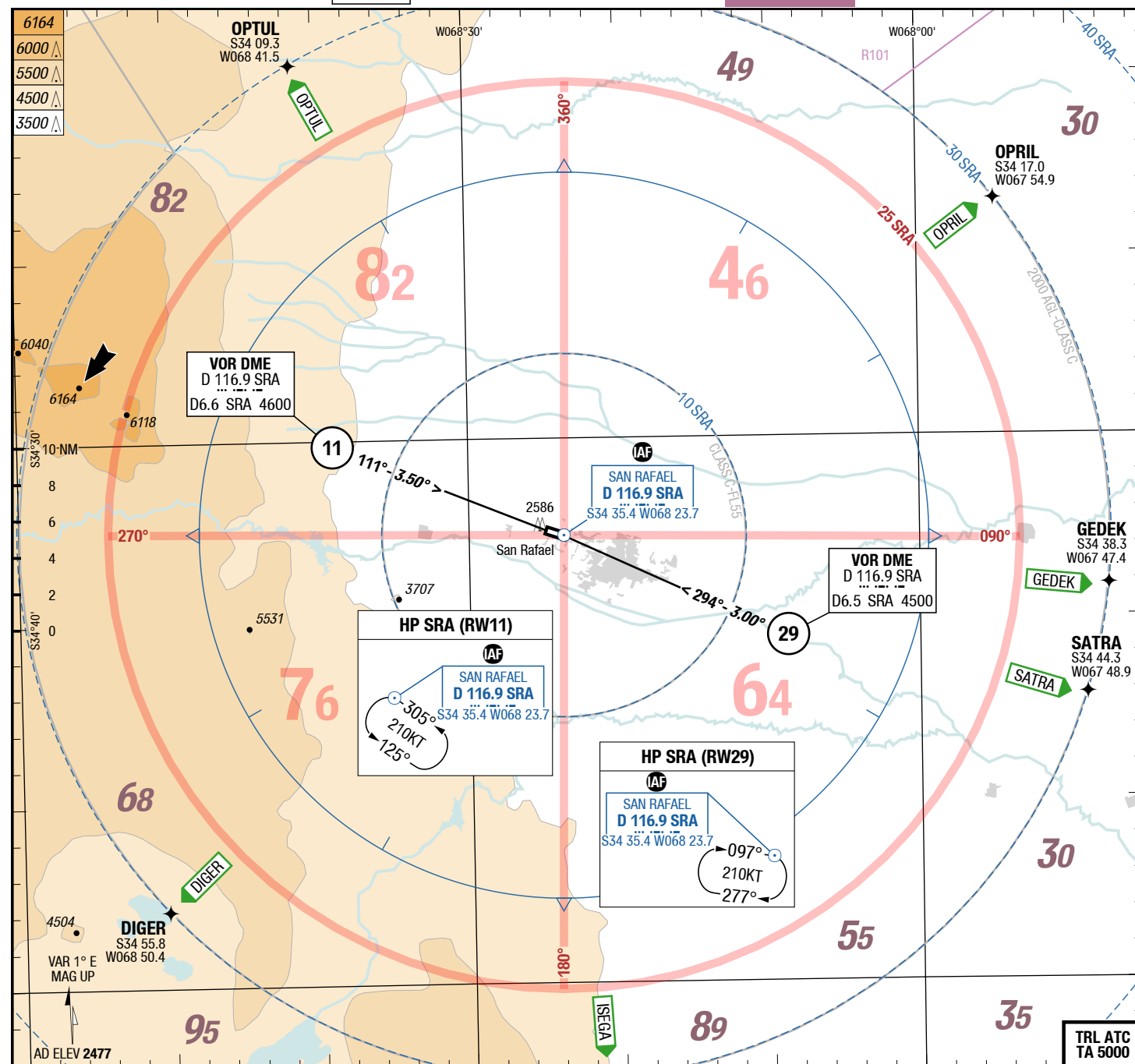
AFA-SAMR

AFC

AFC

AFC

AFC



Landing RWY system:

11

2110 x 30

THR 2474 (87hPa) / TDZ --- (---%) -0.7%

30 x 2110

3.0°

+0.7% TDZ --- (---%) / THR 2426 (85hPa)

Changes: new

08-MAR-2018
AFA-SAMR

Argentina **San Rafael** S.A.Santiago Germano

AGC

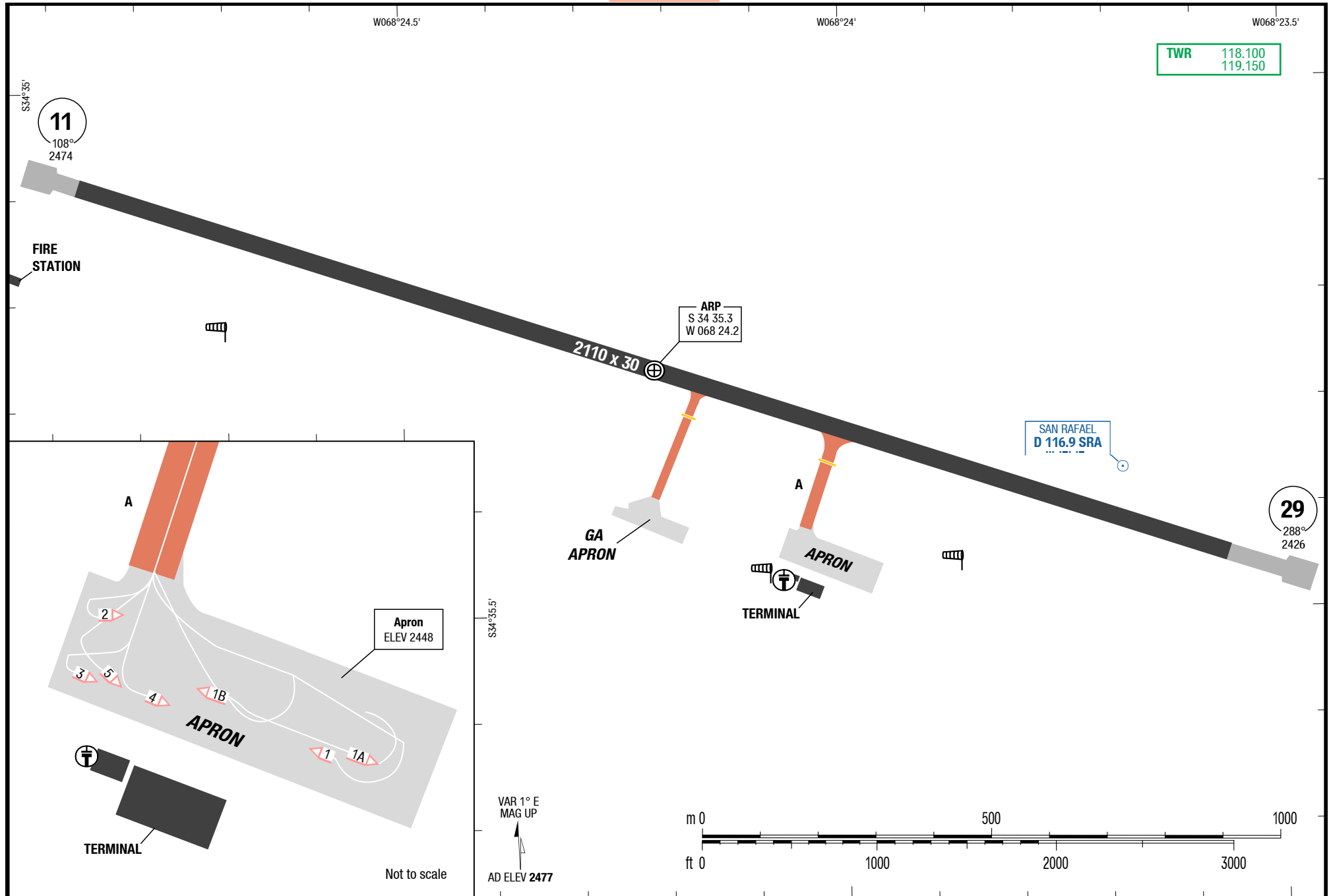
AGC

AGC

S.A.Santiago Germano **San Rafael** Argentina

AGC

3-20



Changes: new

Argentina **San Rafael** S.A. Santiago Germano

S.A.Santiago Germano **San Rafael** Argentina

4-10

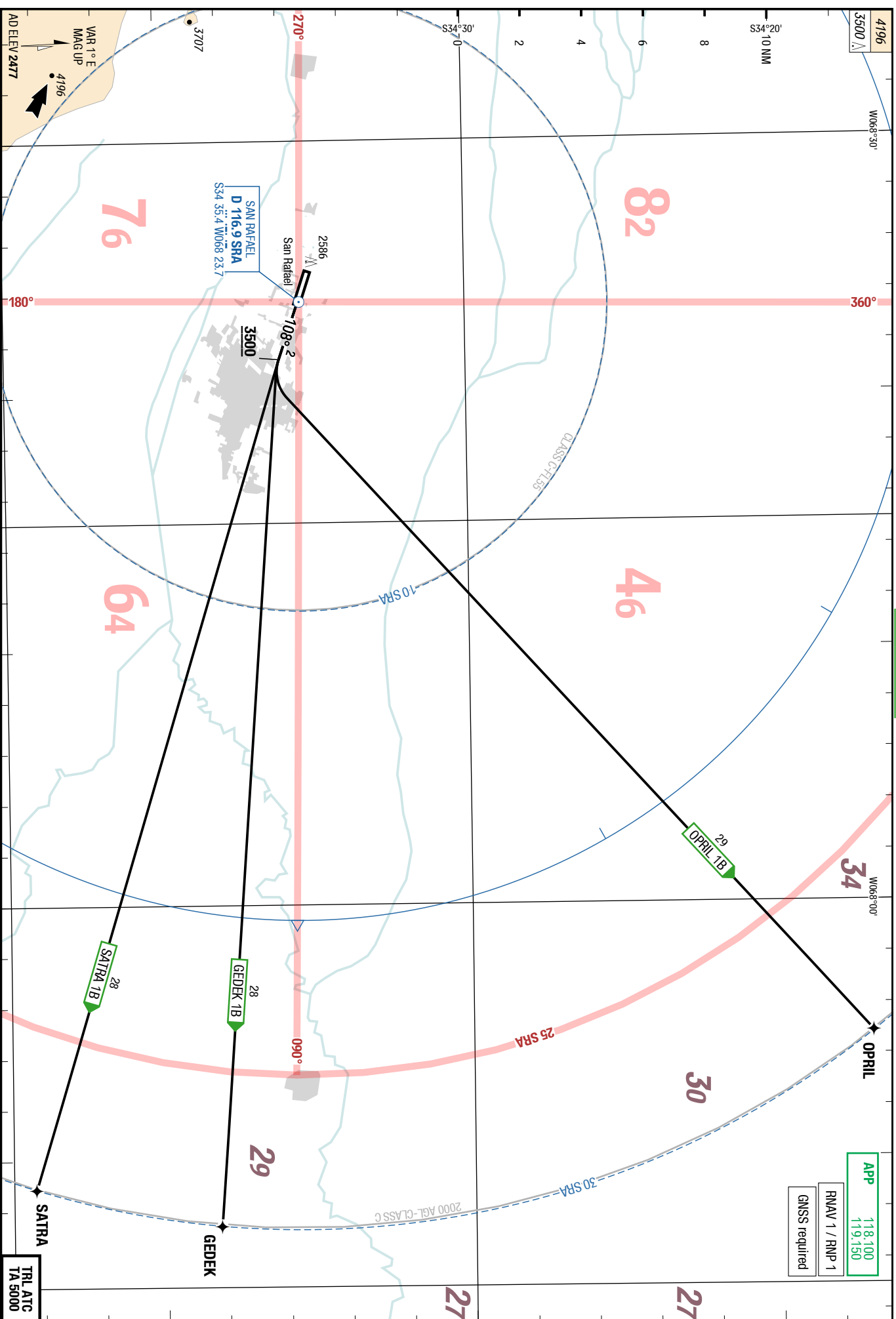
RNAV SIDS Rwy 11 East

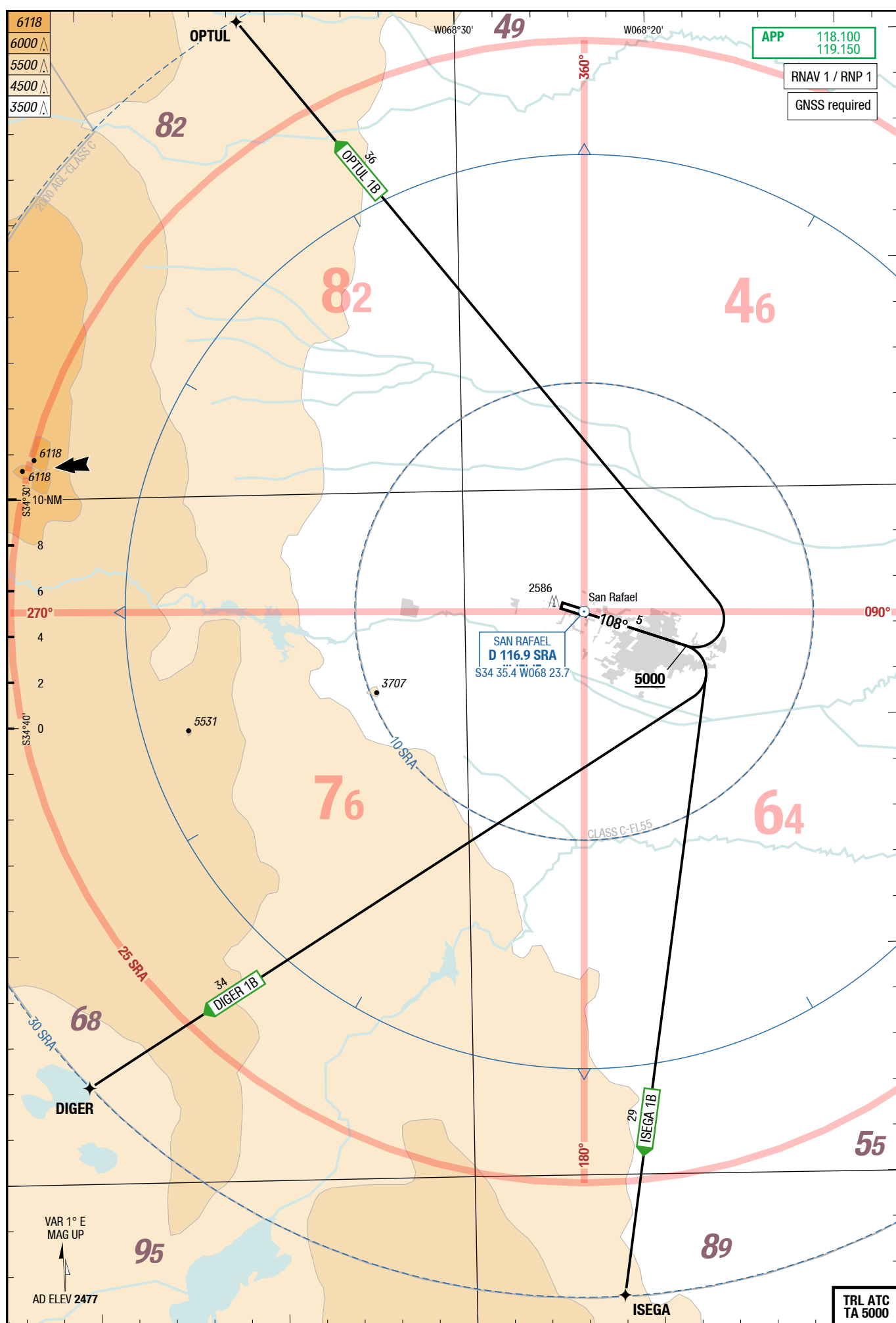
SID

SID

RNAV SIDS Rwy 11 West

NY 11 East





08-MAR-2018

AFA-SAMR

Argentina **San Rafael** S.A.Santiago Germano

[RNAV SIDs RWY 29 West]

4-30

RNAV SIDs RWY 29 East

SID

SID

S.A.Santiago Germano **San Rafael** Argentina

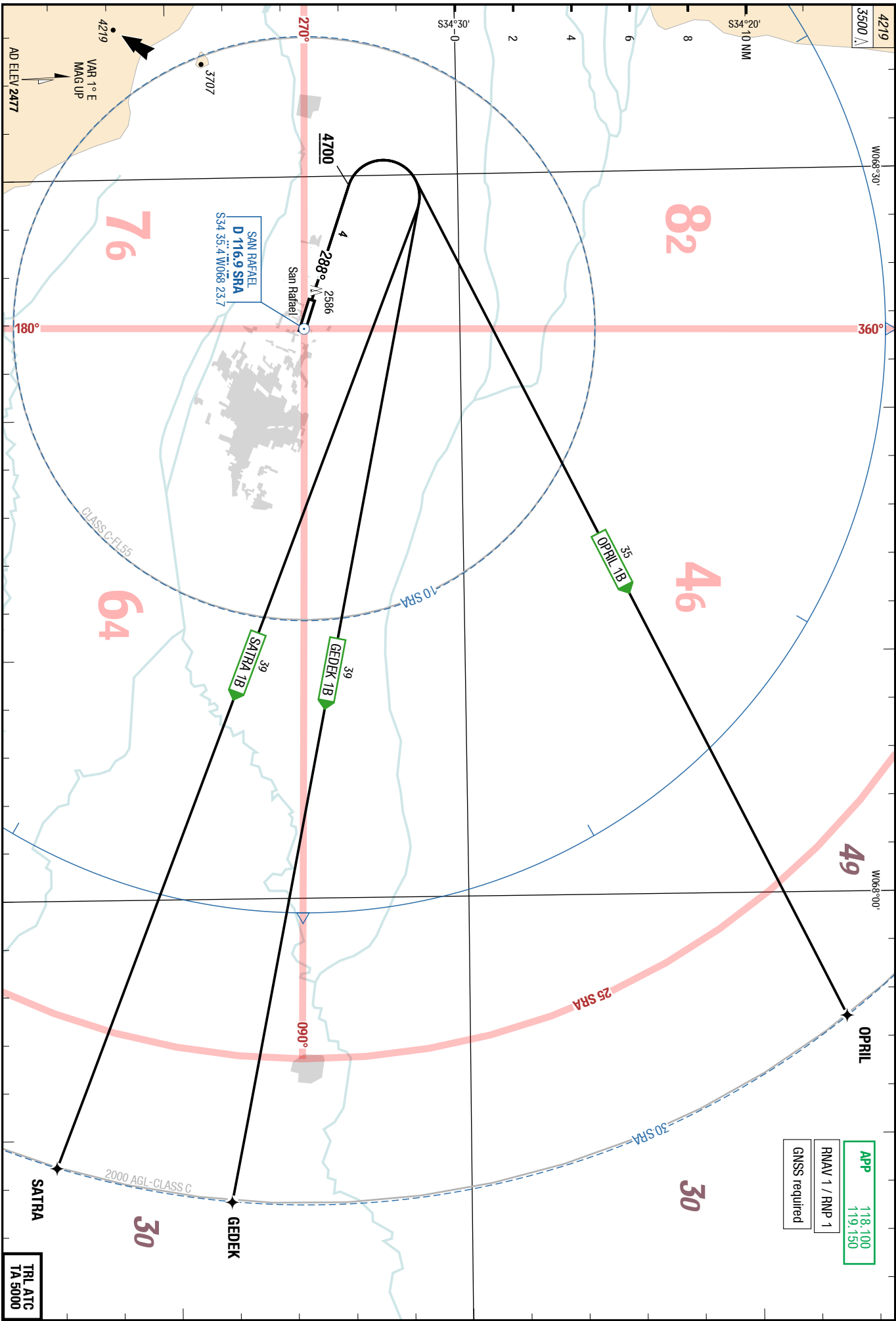
[RNAV SIDs RWY 29 West]

RNAV SIDs RWY 29 East

APP
118.100
119.150

RNAV 1 / RNP 1

GNSS required



Changes: new

08-MAR-2018

AFA-SAMR

Argentina **San Rafael** S.A.Santiago Germano

4-40

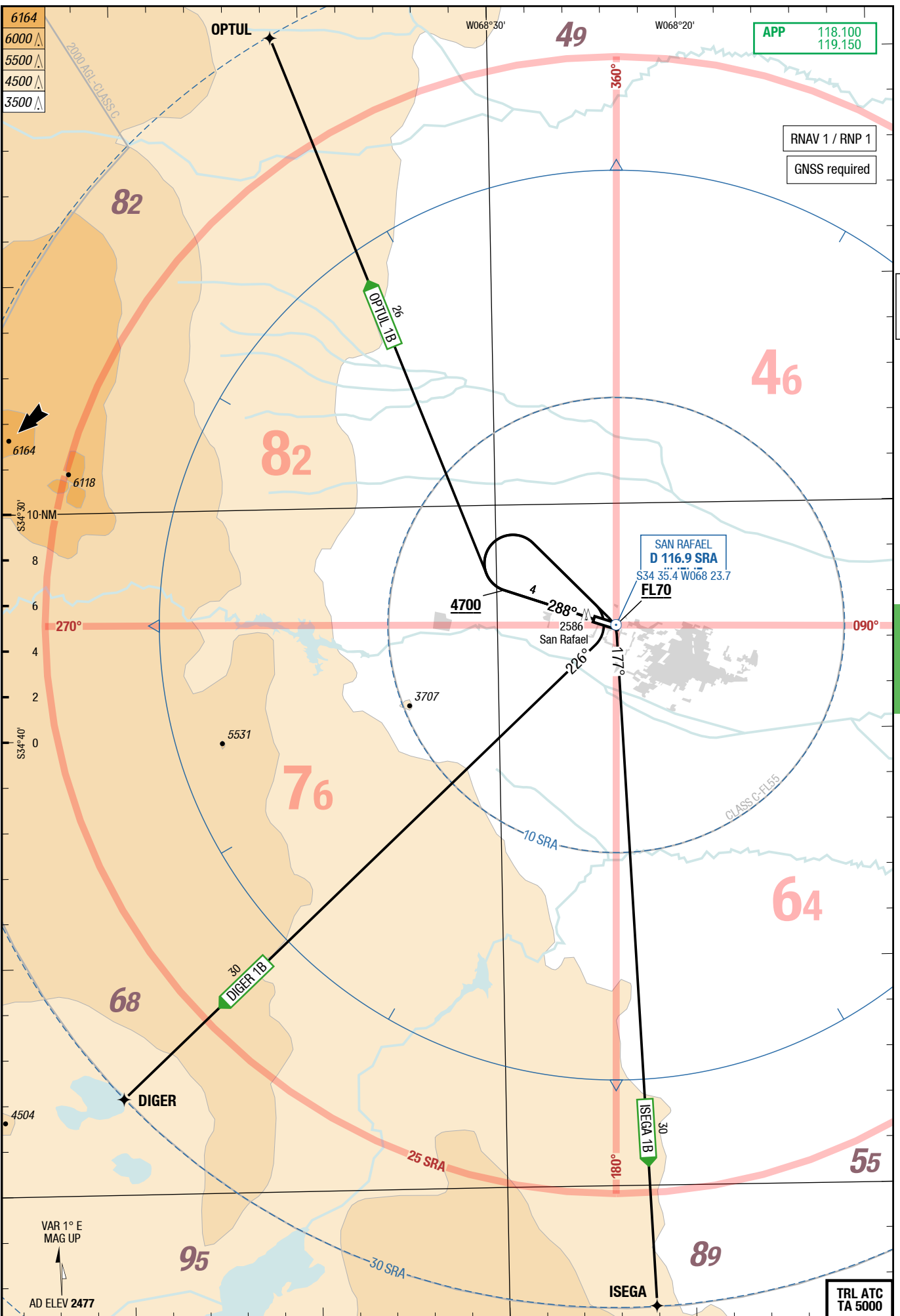
RNAV SIDs RWY 29 West

SID

SID

S.A.Santiago Germano **San Rafael** Argentina

RNAV SIDs RWY 29 West



Changes: new

08-MAR-2018

Argentina **San Rafael** S.A.Santiago Germano

SIDS RWY 11 West

AFA-SAMR

4-50

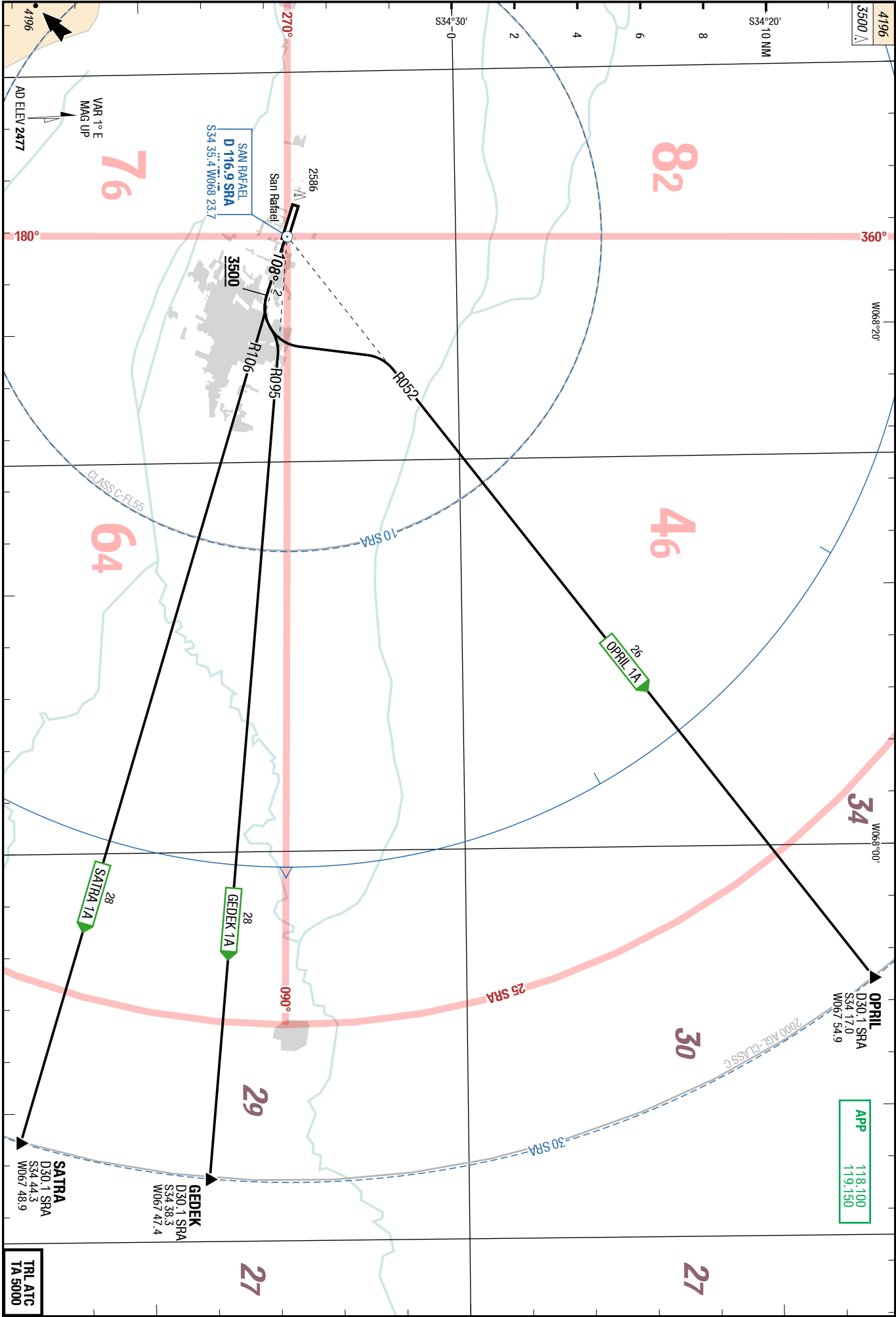
SIDS RWY 11 East

SID
SID

S.A.Santiago Germano **San Rafael** Argentina

SIDS RWY 11 West

SIDS RWY 11 East



Changes: new

08-MAR-2018

AFA-SAMR

Argentina **San Rafael** S.A.Santiago Germano

4-60

SIDS RWY 11 West

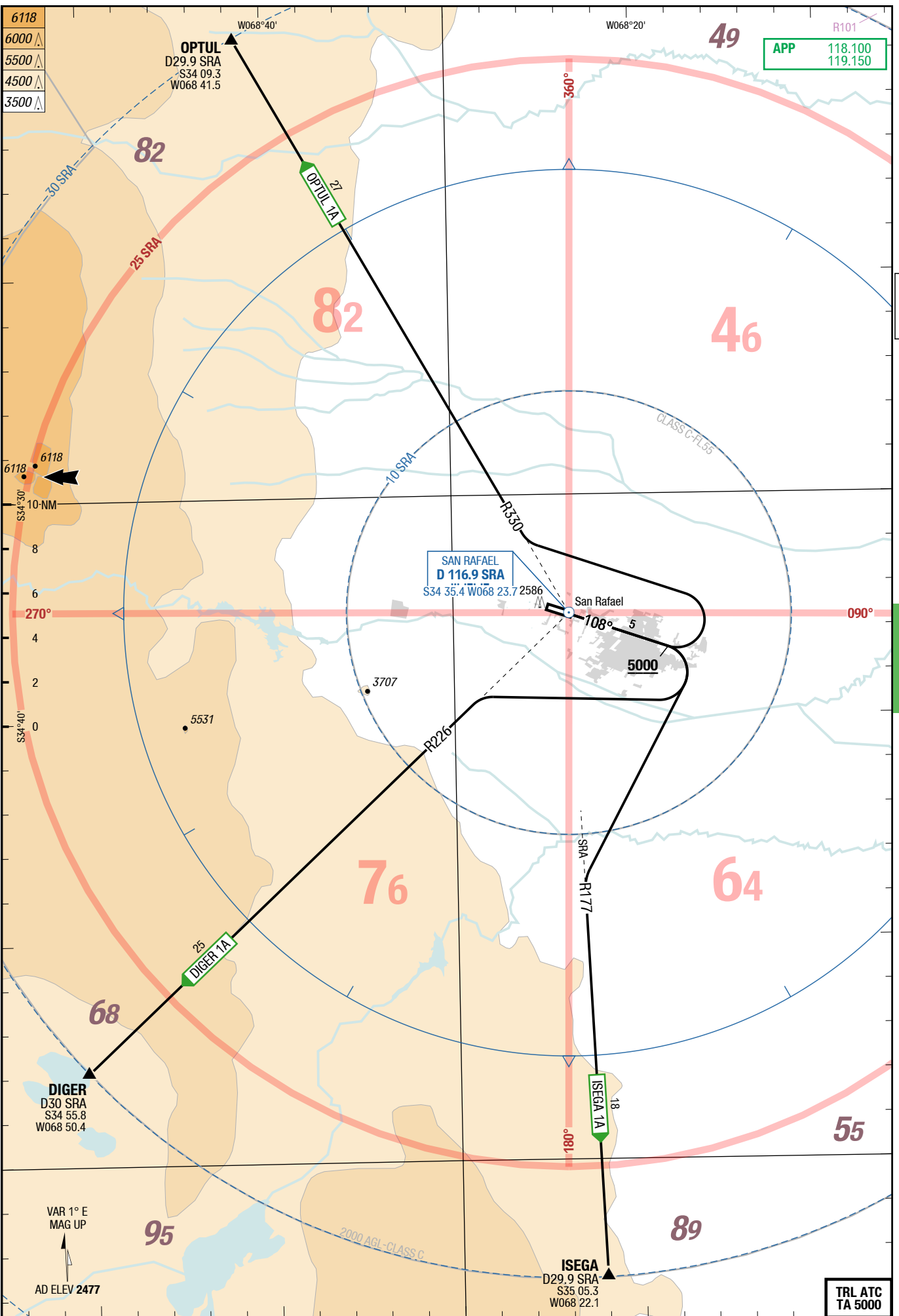
SID

SID

S.A.Santiago Germano **San Rafael** Argentina

SIDS RWY 11 West

TRL ATC
TA 5000



Changes: new

Argentina **San Rafael** S.A. Santiago Germano

S.A. Santiago Germano **San Rafael** Argentina

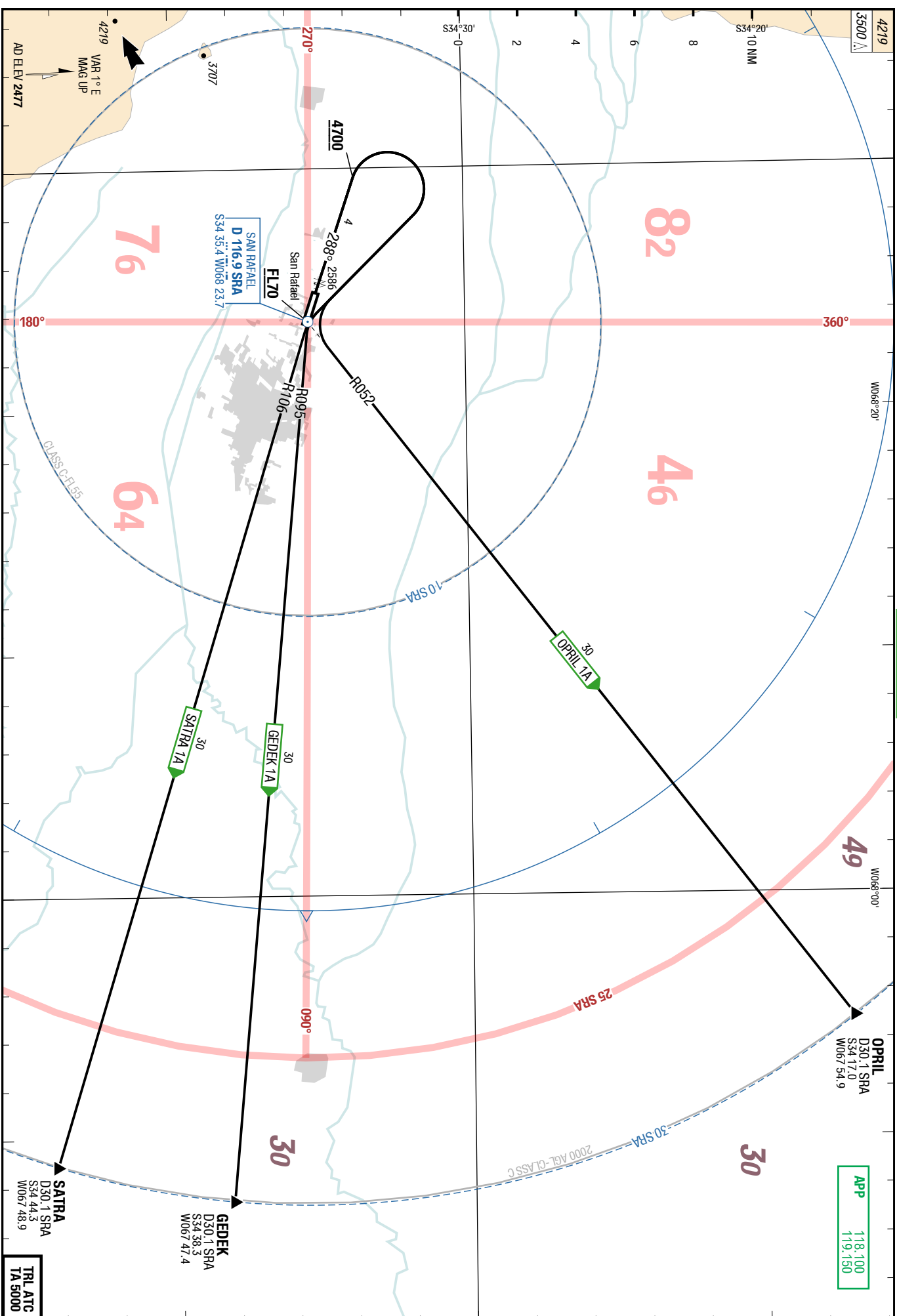
4-70

SIDS RWY 29 East

SID

SID

SIDS RWY 29 East



08-MAR-2018

AFA-SAMR

Argentina **San Rafael** S.A.Santiago Germano

4-80

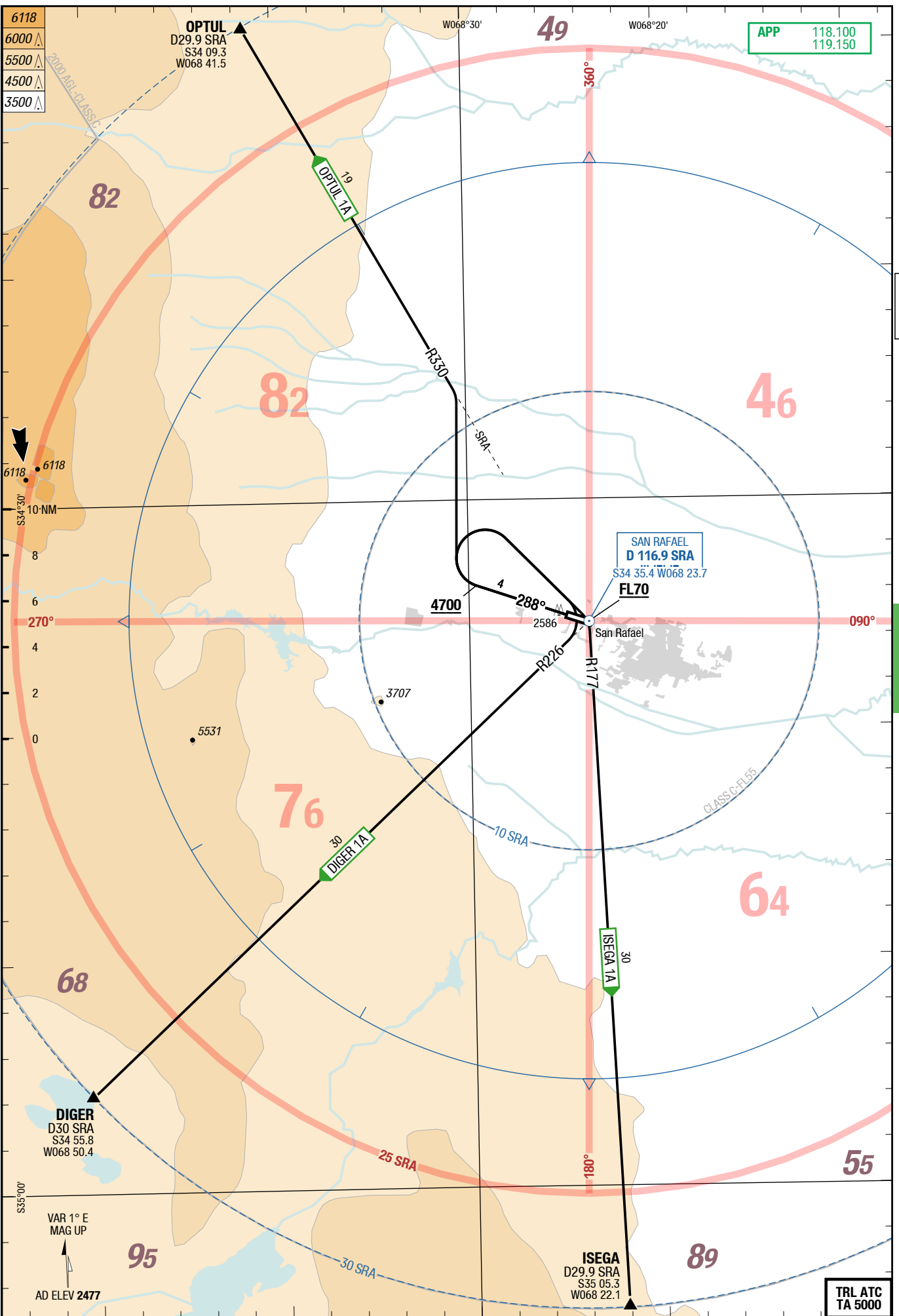
SIDS RWY 29 West

SID

SID

S.A.Santiago Germano **San Rafael** Argentina

SIDS RWY 29 West



Changes: new

08-MAR-2018

AFA-SAMR**5-10****RNAV SIDs RWY 11 East****SIDPT****GEDEK 1B / OPRIL 1B / SATRA 1B**

RWY 11 (108°)

	GS	120	150	180	210	240	270
4.1%	ft/MIN	500	700	800	900	1000	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 11	
GEDEK 1B 4.1% to AWY MEA 118.100	108° [A3500+] - DCT GEDEK	
OPRIL 1B 4.1% to AWY MEA 118.100	108° [A3500+ ;L] - DCT OPRIL	
SATRA 1B 4.1% to AWY MEA 118.100	108° [A3500+] - DCT SATRA	

08-MAR-2018

AFA-SAMR**5-20****RNAV SIDs RWY 11 West****SIDPT****DIGER 1B / ISEGA 1B / OPTUL 1B**

RWY 11 (108°)

	GS	120	150	180	210	240	270
4.1%	ft/MIN	500	700	800	900	1000	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 11	
DIGER 1B 4.1% to AWY MEA 118.100	108° [A5000+ ;R] - DCT DIGER	
ISEGA 1B 4.1% to AWY MEA 118.100	108° [A5000+ ;R] - DCT ISEGA	
OPTUL 1B 4.1% to AWY MEA 118.100	108° [A5000+ ;L] - DCT OPTUL	

08-MAR-2018

AFA-SAMR**5-30****RNAV SIDs RWY 29 East****SIDPT****GEDEK 1B / OPRIL 1B / SATRA 1B**

RWY 29 (288°)

	GS	120	150	180	210	240	270
4.1%	ft/MIN	500	700	800	900	1000	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 29	
GEDEK 1B 4.1% to AWY MEA 118.100	288° [A4700+ ;R] - DCT GEDEK	
OPRIL 1B 4.1% to AWY MEA 118.100	288° [A4700+ ;R] - DCT OPRIL	
SATRA 1B 4.1% to AWY MEA 118.100	288° [A4700+ ;R] - DCT SATRA	

08-MAR-2018

AFA-SAMR**5-40****RNAV SIDs RWY 29 West****SIDPT****DIGER 1B / ISEGA 1B / OPTUL 1B**

RWY 29 (288°)

	GS	120	150	180	210	240	270
4.1%	ft/MIN	500	700	800	900	1000	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 29	
DIGER 1B 4.1% to AWY MEA 118.100	288° [A4700+ ;R] - DCT SRA - DIGER	SRA MNM FL70
ISEGA 1B 4.1% to AWY MEA 118.100	288° [A4700+ ;R] - DCT SRA - ISEGA	SRA MNM FL70
OPTUL 1B 4.1% to AWY MEA 118.100	288° [A4700+ ;R] - DCT OPTUL	

08-MAR-2018

AFA-SAMR**5-50****SIDs RWY 11 East****SIDPT****GEDEK 1A / OPRIL 1A / SATRA 1A**

RWY 11 (108°)

	GS	120	150	180	210	240	270
4.1%	ft/MIN	500	700	800	900	1000	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 11	
GEDEK 1A 4.1% to AWY MEA 118.100	at MNM 3500 LT - intercept R095 SRA to GEDEK	
OPRIL 1A 4.1% to AWY MEA 118.100	at MNM 3500 LT - intercept R052 SRA to OPRIL	
SATRA 1A 4.1% to AWY MEA 118.100	at MNM 3500 LT - intercept R106 SRA to SATRA	

08-MAR-2018

Argentina **San Rafael** S.A.Santiago Germano**AFA-SAMR****5-60****SIDs RWY 11 West****SIDPT****DIGER 1A / ISEGA 1A / OPTUL 1A**

RWY 11 (108°)

	GS	120	150	180	210	240	270
4.1%	ft/MIN	500	700	800	900	1000	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 11	
DIGER 1A 4.1% to AWY MEA 118.100	at MNM 5000 RT - intercept R226 SRA to DIGER	
ISEGA 1A 4.1% to AWY MEA 118.100	at MNM 5000 RT - intercept R177 SRA to ISEGA	
OPTUL 1A 4.1% to AWY MEA 118.100	at MNM 5000 LT - intercept R330 SRA to OPTUL	

Changes: New

08-MAR-2018

AFA-SAMR**5-70****SIDs RWY 29 East****SIDPT****GEDEK 1A / OPRIL 1A / SATRA 1A**

RWY 29 (288°)

	GS	120	150	180	210	240	270
4.1%	ft/MIN	500	700	800	900	1000	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 29	
GEDEK 1A 4.1% to AWY MEA 118.100	at MNM 4700 RT direct SRA - R095 SRA to GEDEK	SRA MNM FL70
OPRIL 1A 4.1% to AWY MEA 118.100	at MNM 4700 RT direct SRA - LT R052 SRA to OPRIL	SRA MNM FL70
SATRA 1A 4.1% to AWY MEA 118.100	at MNM 4700 RT direct SRA - R106 SRA to SATRA	SRA MNM FL70

08-MAR-2018

Argentina **San Rafael** S.A.Santiago Germano**AFA-SAMR****5-80****SIDs RWY 29 West****SIDPT****DIGER 1A / ISEGA 1A / OPTUL 1A**

RWY 29 (288°)

	GS	120	150	180	210	240	270
4.1%	ft/MIN	500	700	800	900	1000	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 29	
DIGER 1A 4.1% to AWY MEA 118.100	at MNM 4700 RT direct SRA - R226 SRA to DIGER	SRA MNM FL70
ISEGA 1A 4.1% to AWY MEA 118.100	at MNM 4700 RT direct SRA - R177 SRA to ISEGA	SRA MNM FL70
OPTUL 1A 4.1% to AWY MEA 118.100	at MNM 4700 RT - intercept R330 SRA to OPTUL	

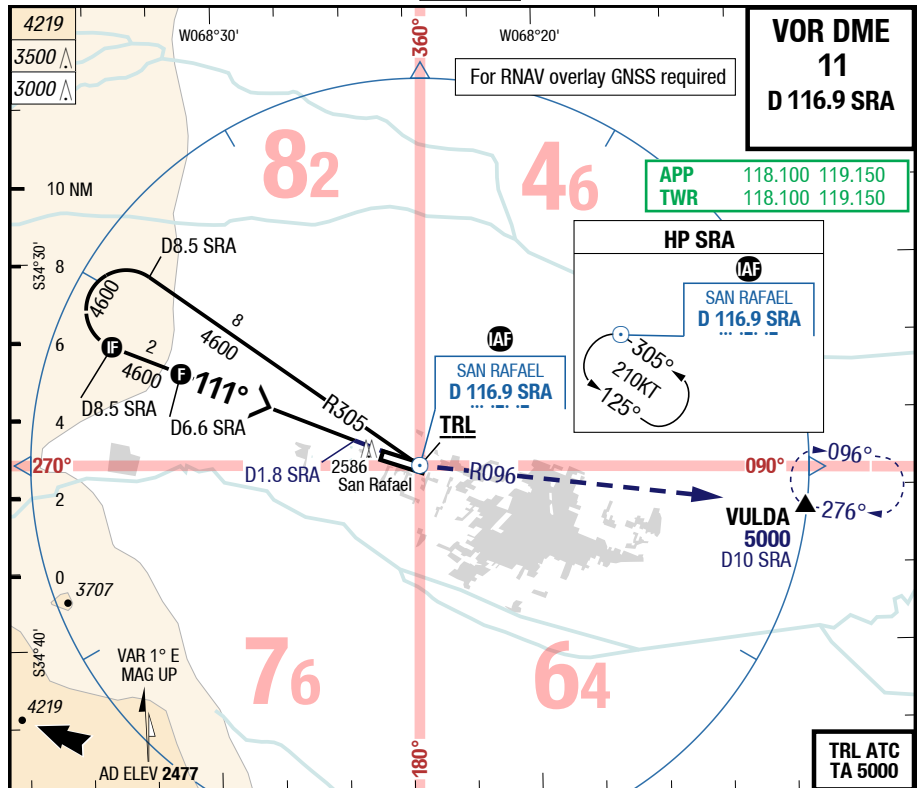
Changes: New

08-MAR-2018

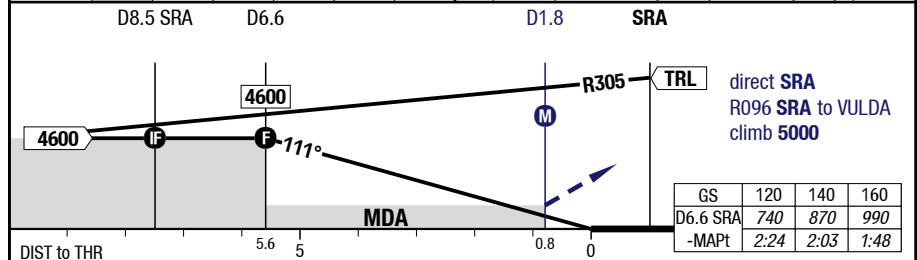
AFA-SAMR

7-10

VOR DME 11



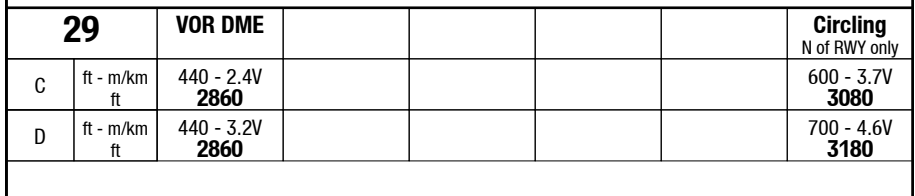
3.50° D SRA 111° RWY 108°	6.6	6	5	4	3	11	2110 x 30	THR 2474 (87hPa) / TDZ --- (---%) -0.7%
	4600	4380	4010	3640	3270			



11	VOR DME					Circling N of RWY only
C	ft - m/km ft	560 - 3.0V 3030				680 - 3.7V 3150
D	ft - m/km ft	560 - 3.2V 3030				700 - 4.6V 3180

Changes: new

VOR DME 29

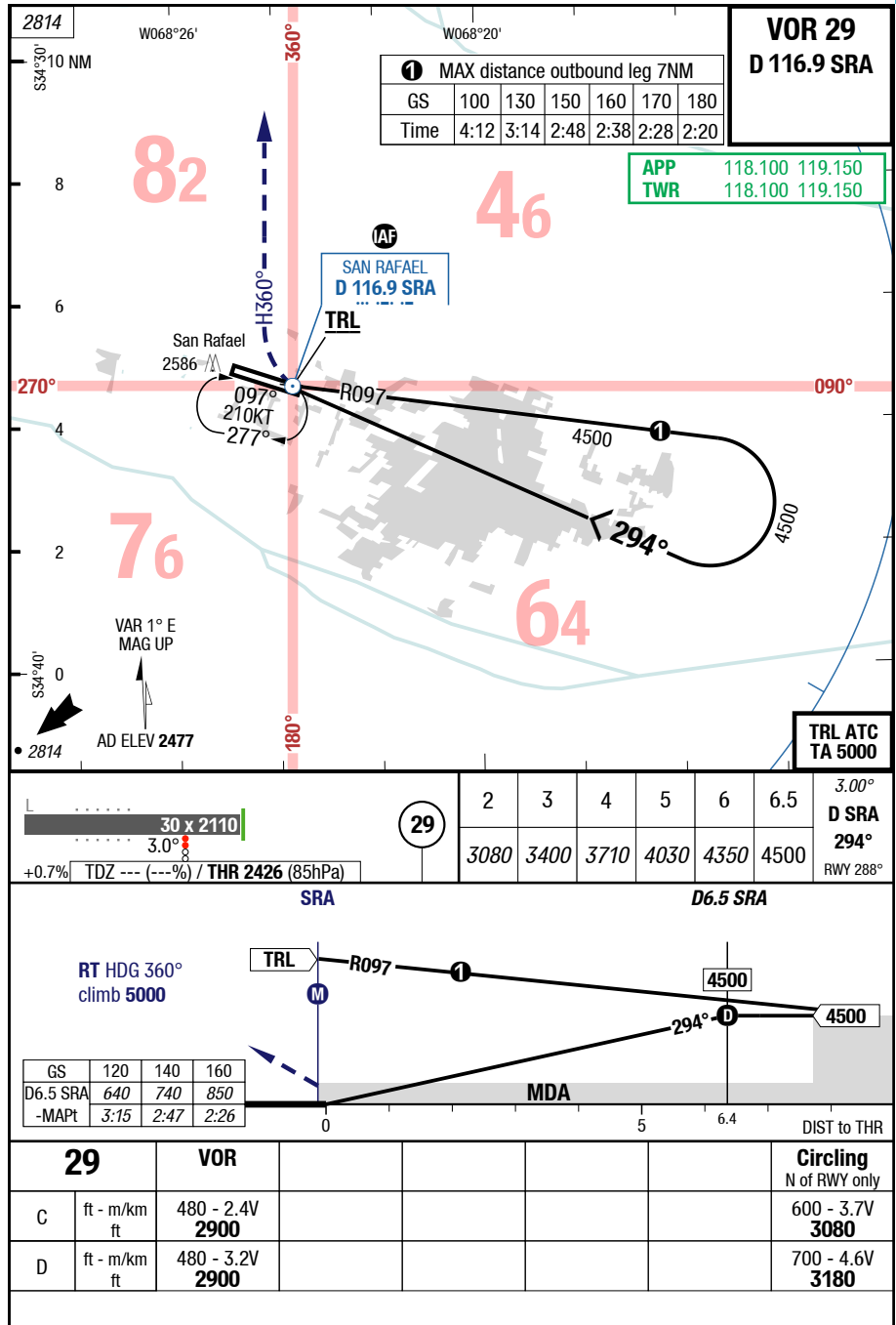


08-MAR-2018

AFA-SAMR

7-30

VOR 29



Changes: new