

**SAL-MSLP**

1-10

AOI

**GENERAL****Operational Hours****ATS Hours:** H24**| AD ADMIN Hours:** MON-FRI 1400-2245**Airport Information****RFF:** CAT 9**PCN:** RWY 07/25: 66/F/A/W/T**Warnings**

Birds in vicinity of AD.

**ARRIVAL****Arrival Procedure****Non-standard GP Intercept Position on RWY 07**

GP intercept RWY 07 at 349m / 1145ft after landing threshold.

Remaining DIST beyond GP is 2851m / 9354ft.

**DEPARTURE****Take-off Minima**

RWY		07	
All ACFT	ft - m/km	c200 - 550R/800V	HJ only
		c200 - 800R/800V	HN
RWY		25	
All ACFT	ft - m/km	c400 - 1600R/1600V	-

Effective 13-SEP-2018

06-SEP-2018

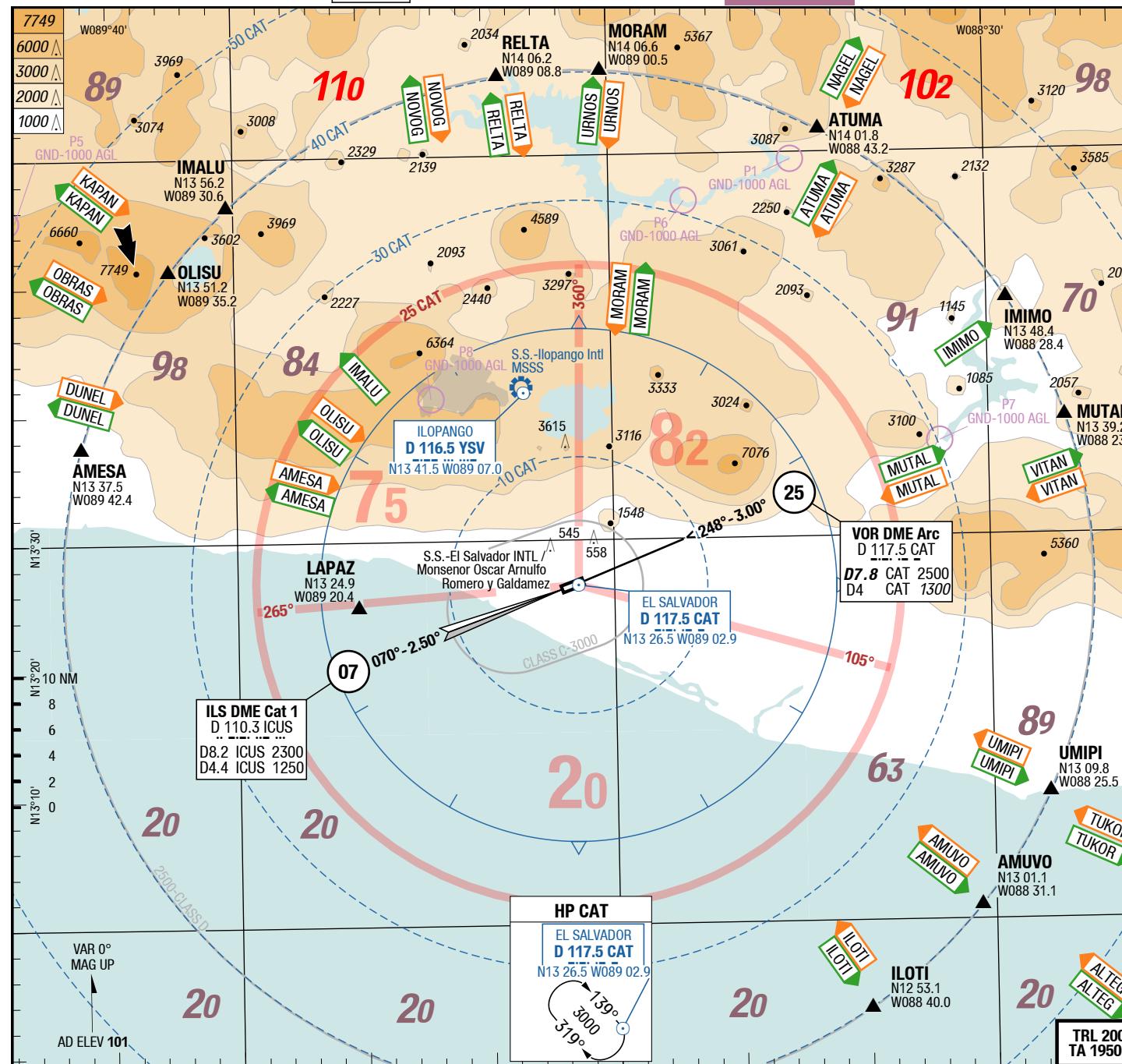
## SAL-MSLP

El Salvador San Salvador El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez

2-10

AGC  
AFC

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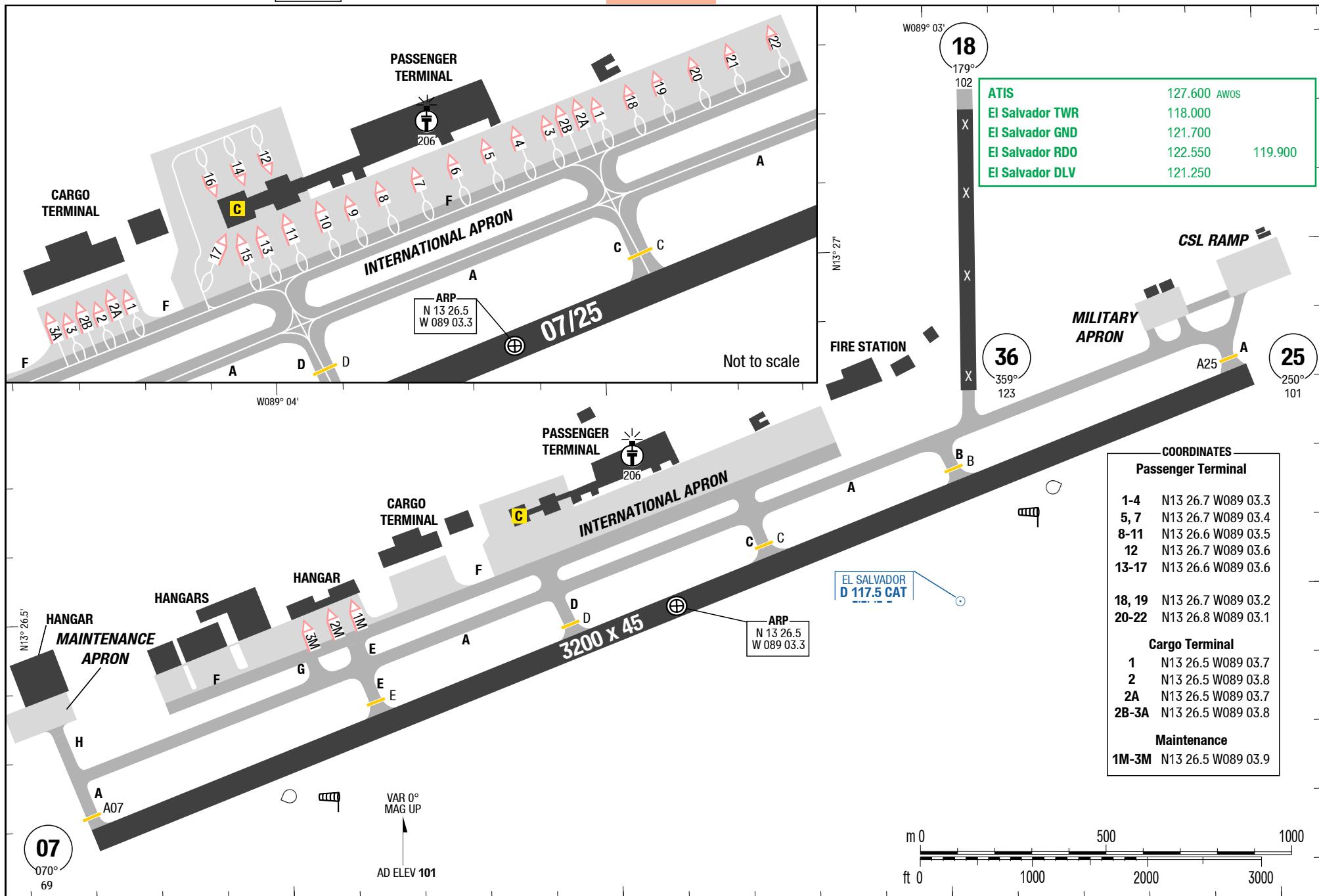
SAL-MSLP

3-20

AGC

AGC

AGC



**Effective 26-APR-2018**

19-APR-2018

El Salvador **San Salvador** El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez

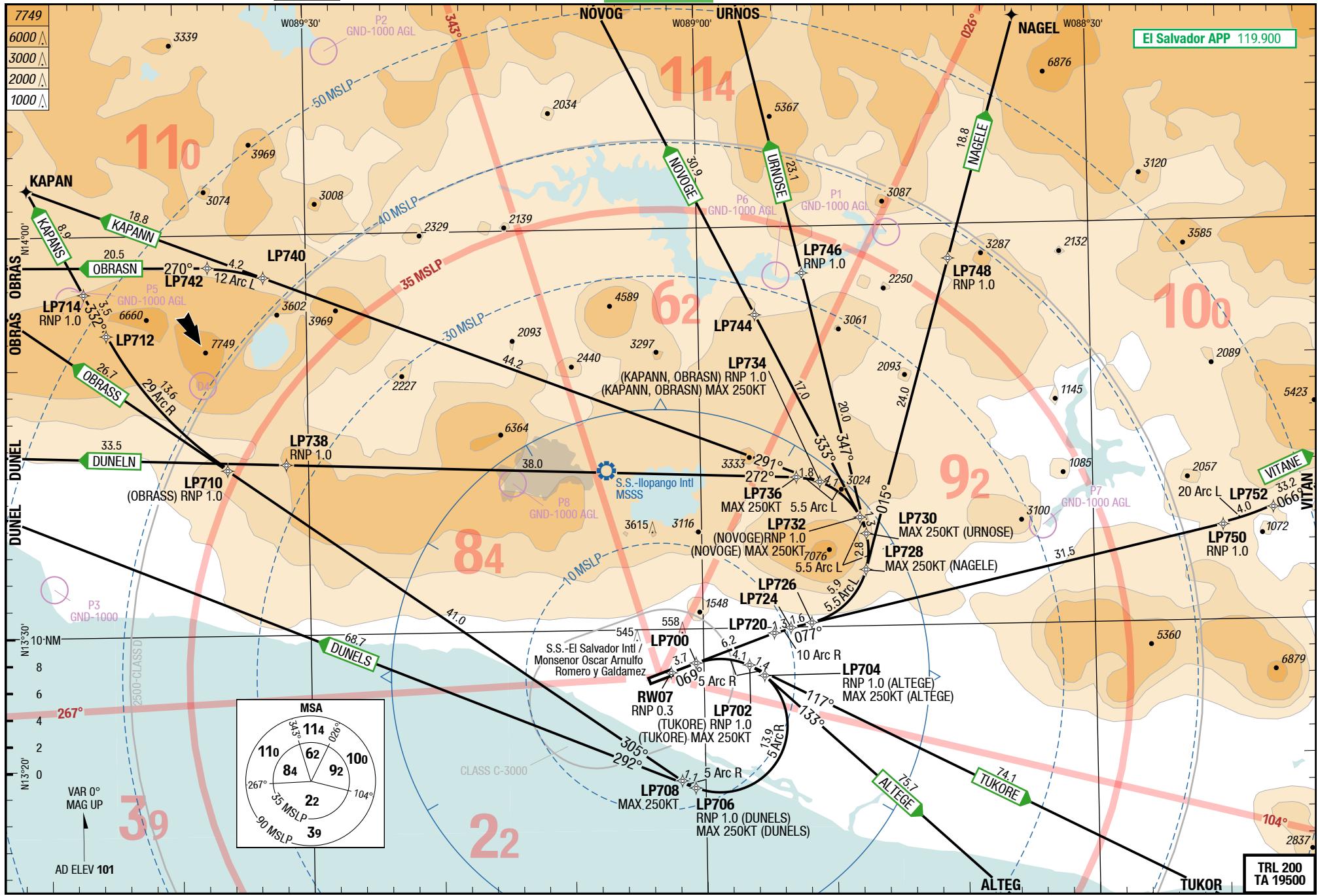
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SAL-MSLP

**4-10 RNAV (RNP) SIDs RWY 07**

**RNAV (RNP) SIDs RWY 25**

## **RNAV (RNP) SIDs RWY 07**



## Changes: Track, ASP, OBST, VAR

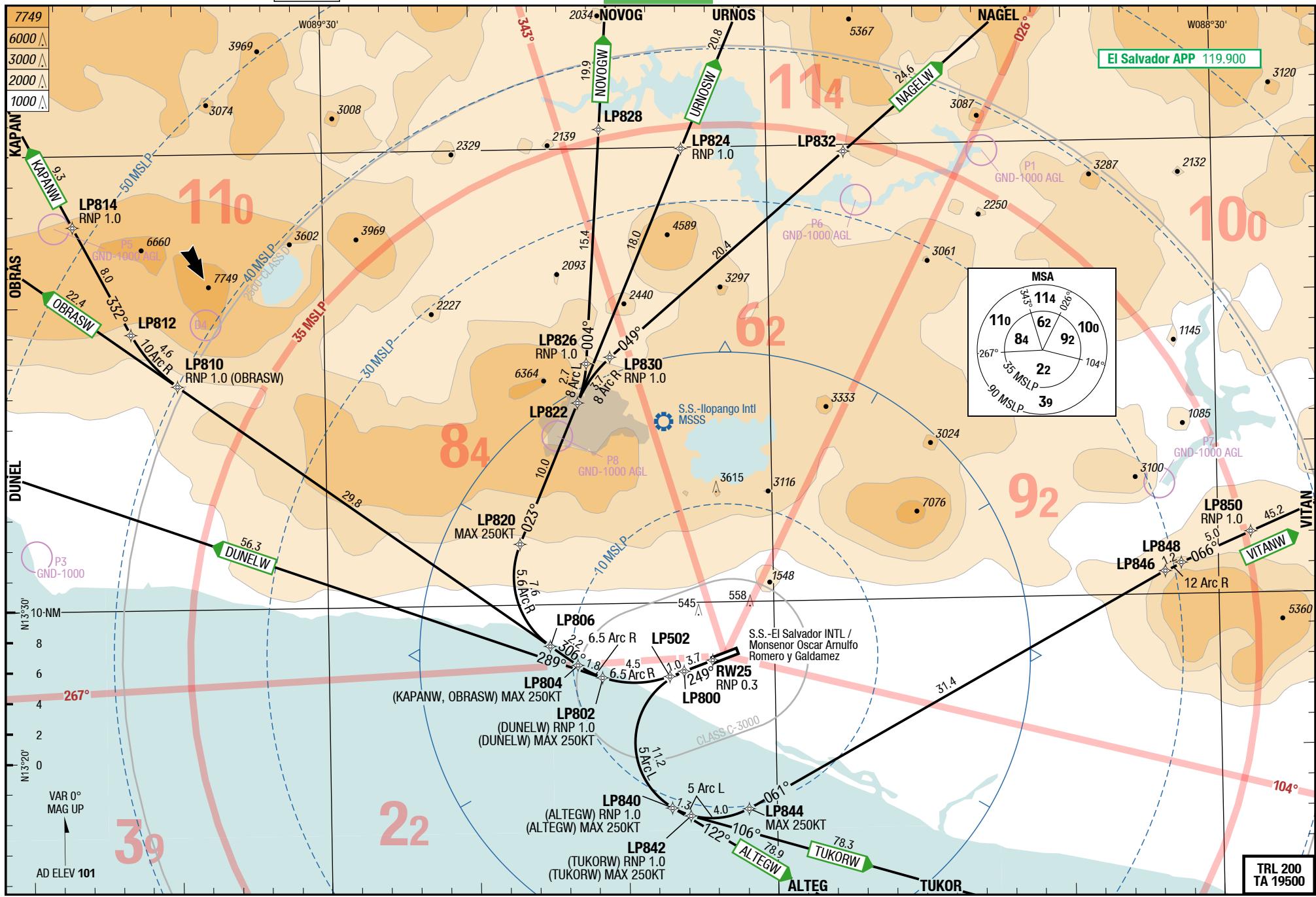
19-APR-2018

SAL-MSLP

4-20

## RNAV (RNP) SIDs RWY 25

## **RNAV (RNP) SIDs RWY 25**



Effective 26-APR-2018

19-APR-2018

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El Salvador San Salvador El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez

4-30

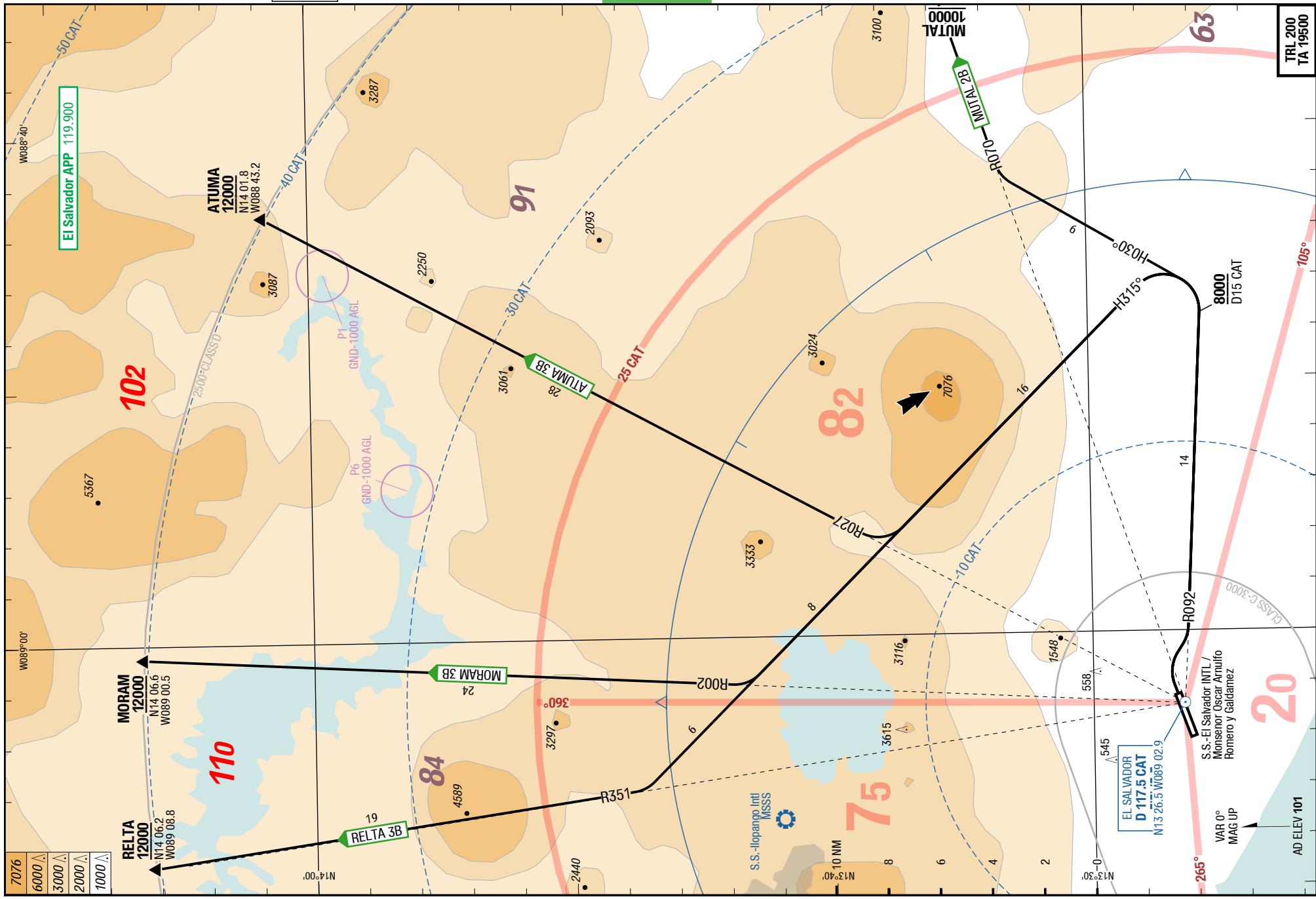
SIDs 2D  
SIDs 2B/3B

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SID

SID

SIDs 2D  
SIDs 2B/3B



Changes: PROC, ASP, PROC renumbered, OBST, VAR

Effective 26-APR-2018

19-APR-2018

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SAL-MSLP

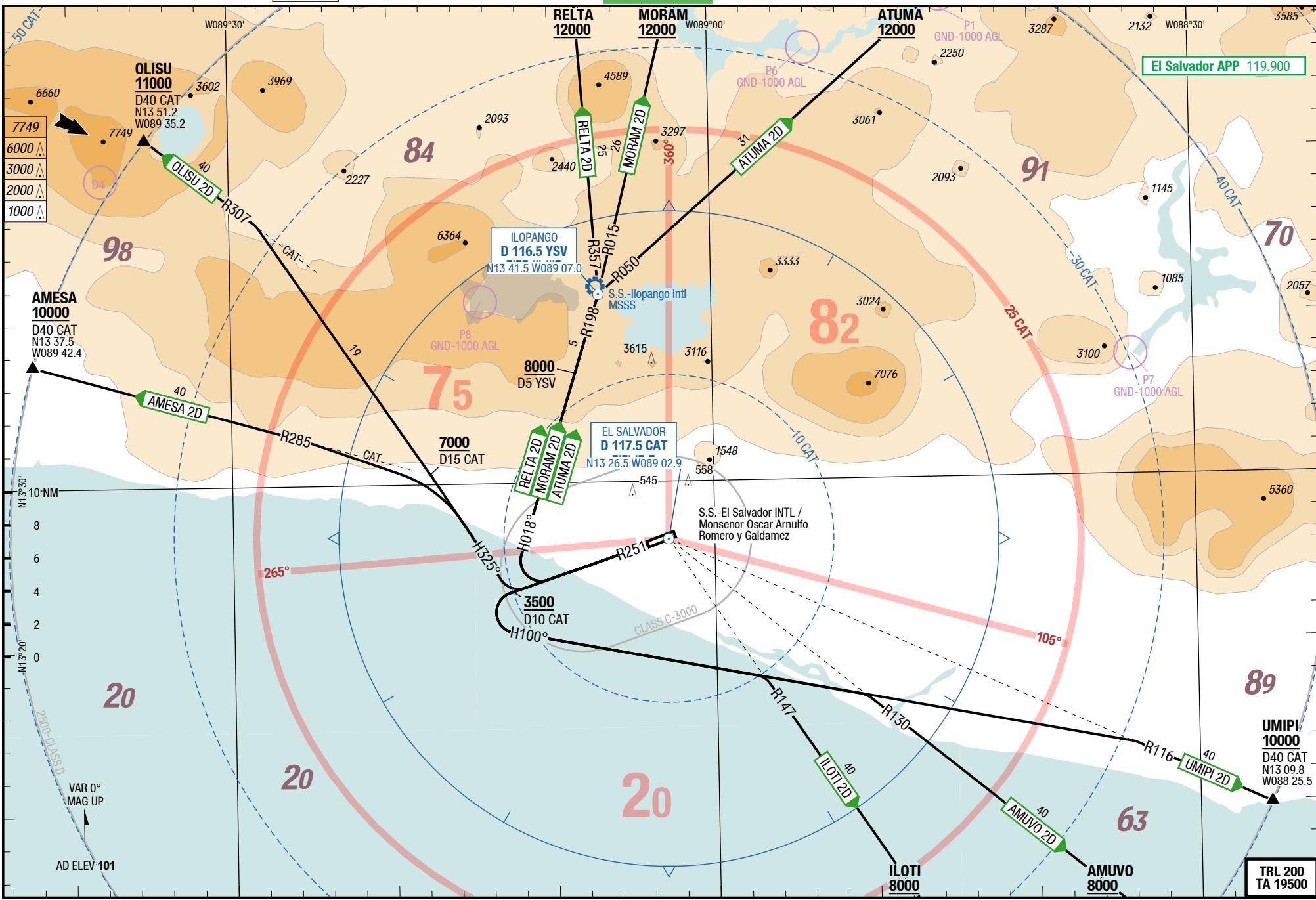
4-40

SIDs 2D

SID

SID

SIDs 2D





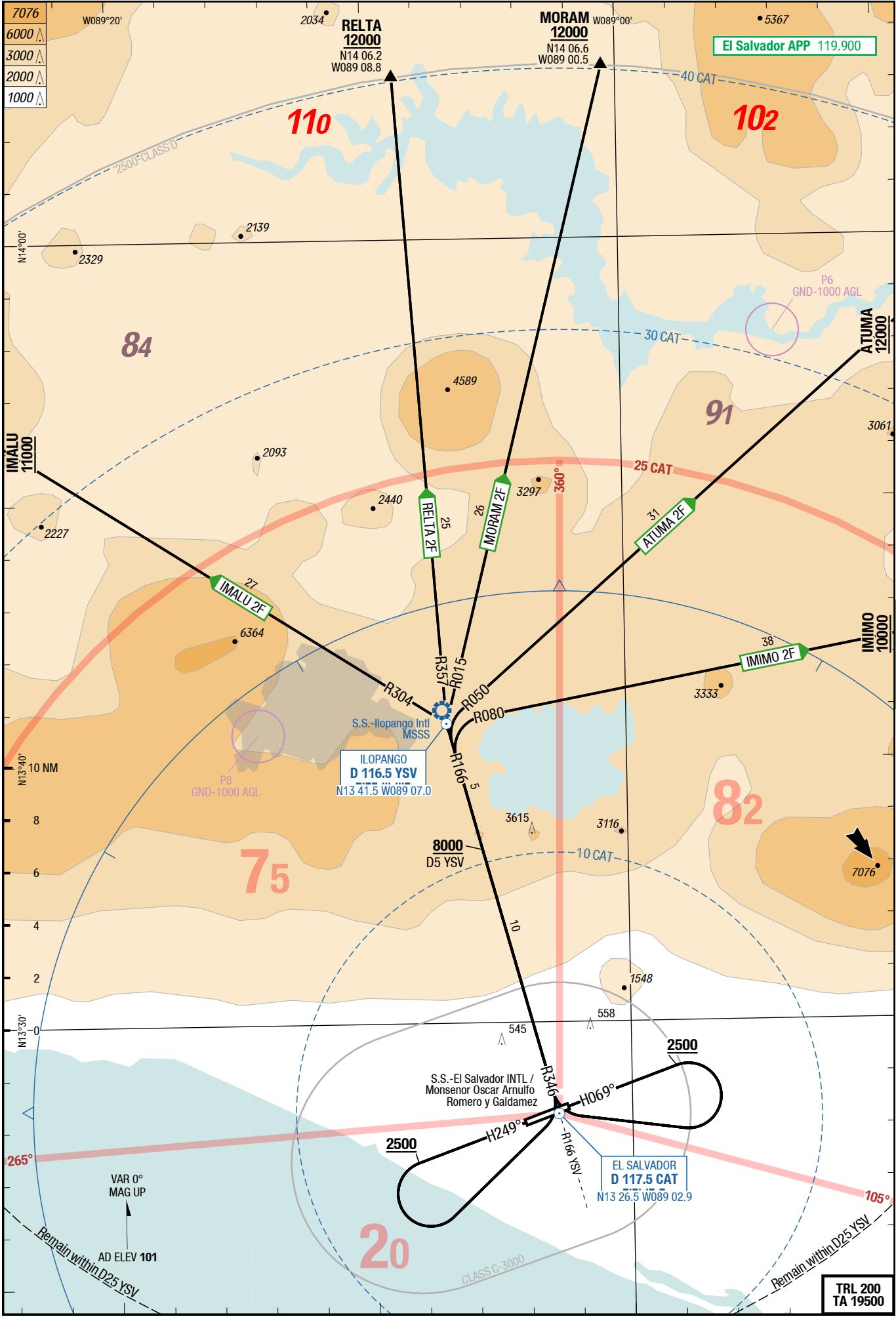
## SAL-MSLP

4-60

SIDs 2F

SID  
SID

SIDs 2F



Effective 26-APR-2018

19-APR-2018

SAL-MSLP

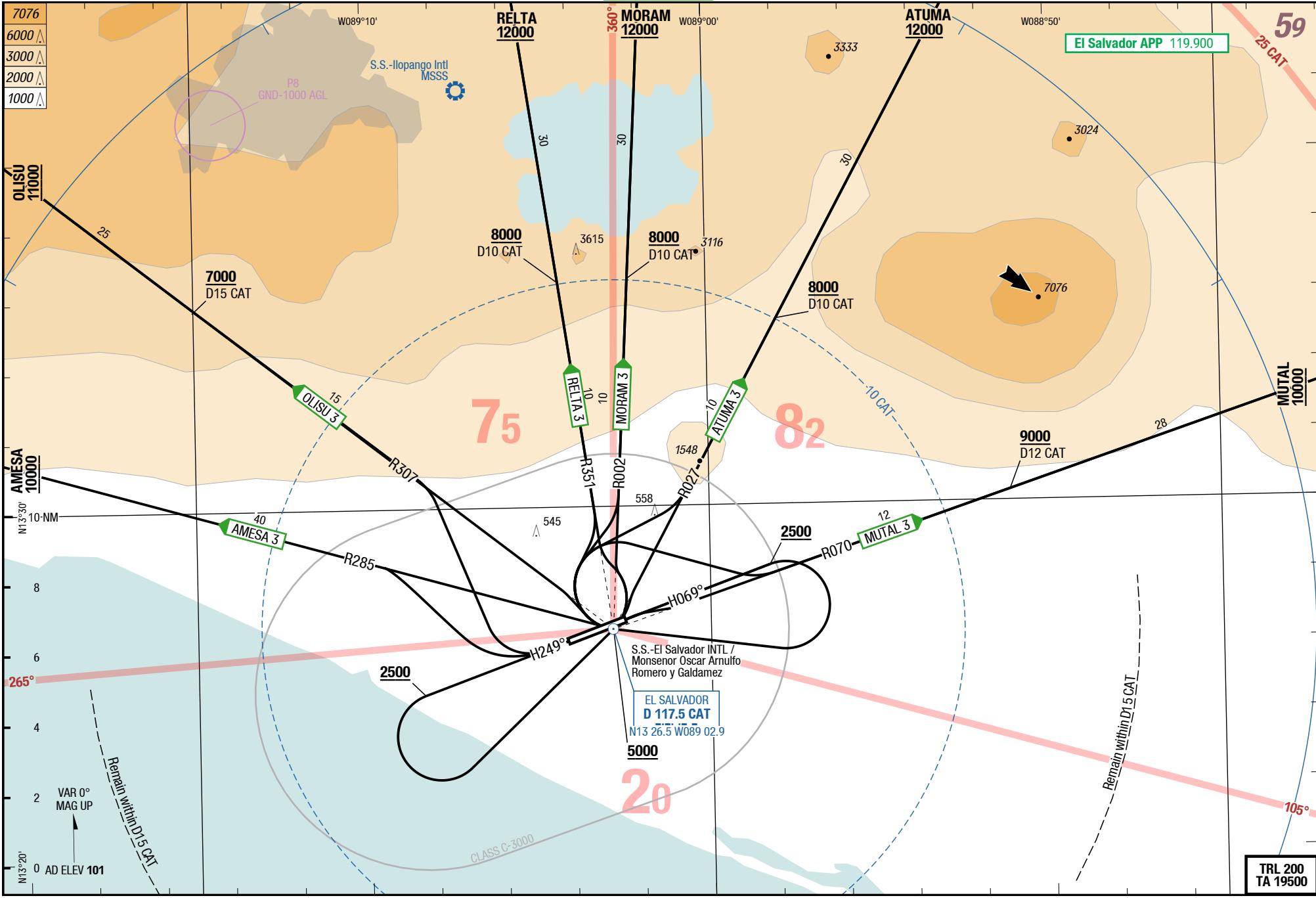
El Salvador San Salvador El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez

SIDs 3A  
SID  
SIDs 3

4-70

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SIDs 3A  
SID  
SIDs 3



**Effective 26-APR-2018**

19-APR-2018

El Salvador **San Salvador** El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez

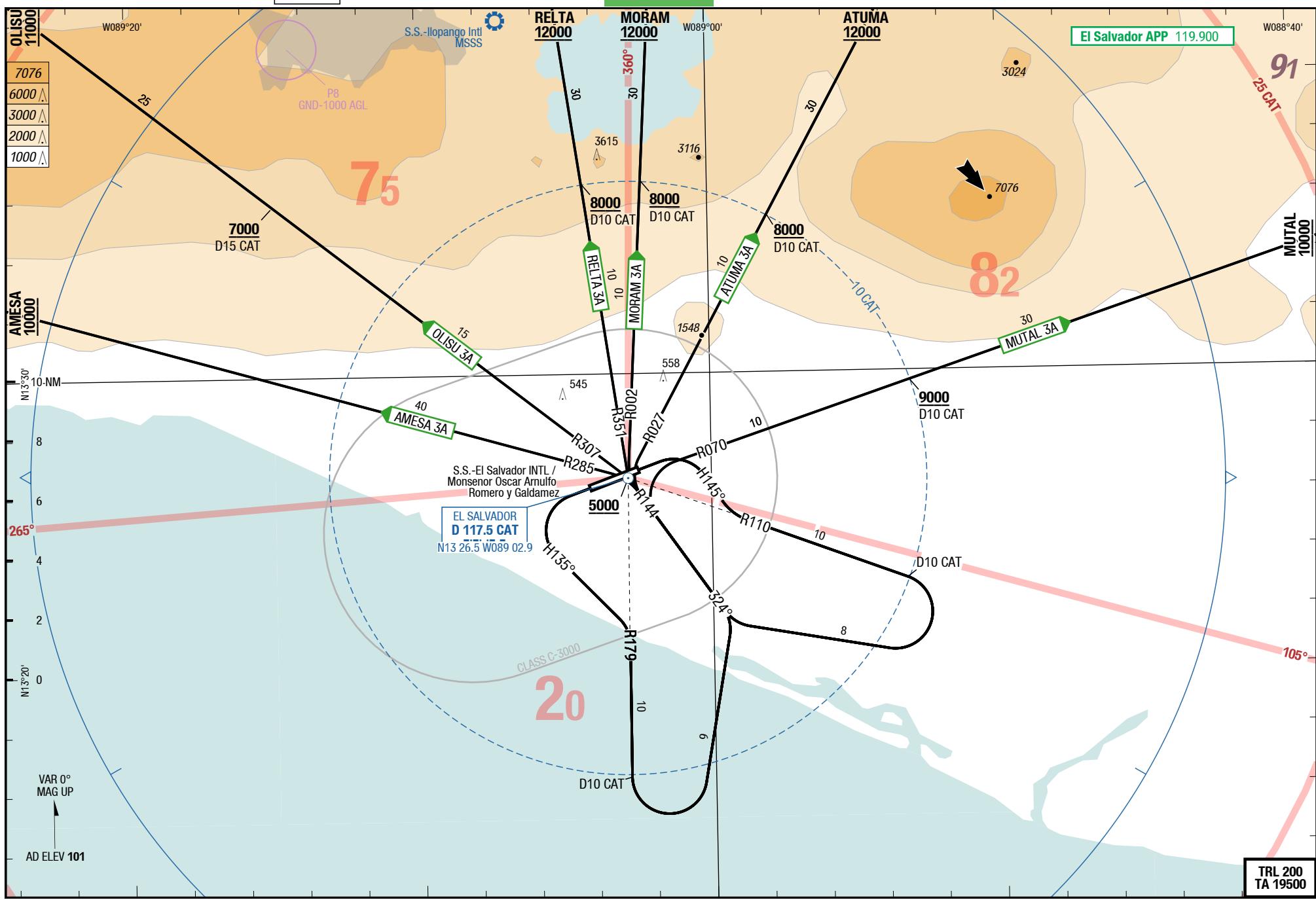
El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez **San Salvador** El Salvador

SAL-MSLP

4-80

SIDs 3A

SIDs 3A



## Changes: Track, ASP, VAR, OBST

**Effective 13-SEP-2018**

06-SEP-2018

El Salvador **San Salvador** El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez

El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez **San Salvador** El Salvador

SAL-MSLP

4-90

SIDs 3C

1

SIDs 3

Changes: Nil

Effective 13-SEP-2018

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## SAL-MSLP

4-100

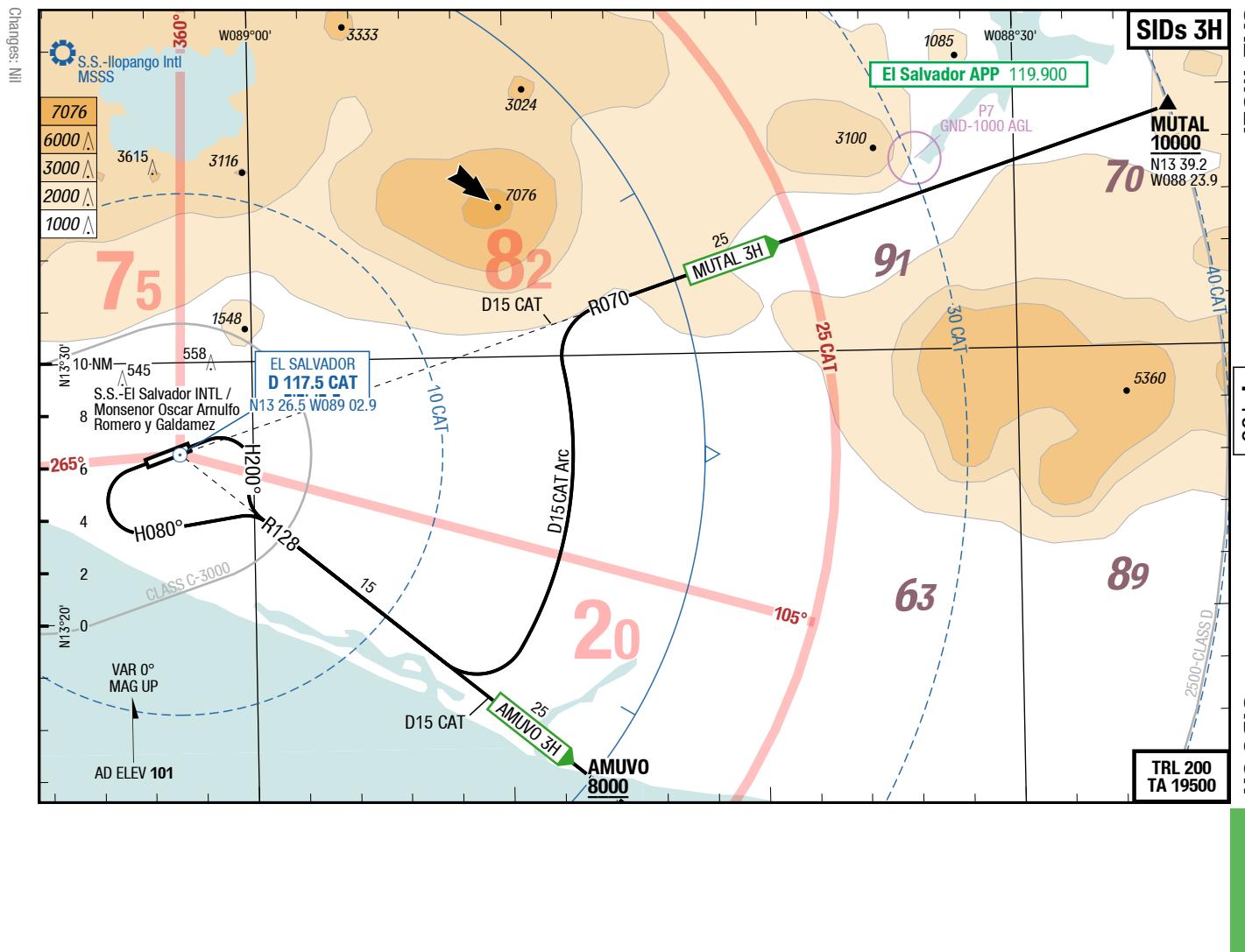
SIDS 3H

SIDS 3H

SIDS 3H

SIDS 3H

SIDS 3H



**SAL-MSLP**

5-10

**RNAV (RNP) SIDs RWY 07**

**ALTEGE / DUNELN / DUNELS / KAPANN / KAPANS / NAGELE / NOVOGE / OBRASN / OBRASS / TUKORE / URNOSE / VITANE**

RWY 07 (070°)

DESIGNATOR	ROUTING	ALTITUDES
<b>Runway 07</b>		
<b>ALTEGE 119.900</b>	RW07 - LP700 - 5.0 ARC R LP702 - 5.0 ARC R LP704 [K250-] - ALTEG	
<b>DUNELN 119.900</b>	RW07 - LP700 - LP720 - 10.0 ARC R LP724 - LP726 - 5.5 ARC L LP728 - 5.5 ARC L LP730 - 5.5 ARC L LP732 - 5.5 ARC L LP734 - 5.5 ARC L LP736 [K250-] - LP738 - DUNEL	
<b>DUNELS 119.900</b>	RW07 - LP700 - 5.0 ARC R LP702 - 5.0 ARC R LP704 - 5.0 ARC R LP706 [K250-] - DUNEL	
<b>KAPANN 119.900</b>	RW07 - LP700 - LP720 - 10.0 ARC R LP724 - LP726 - 5.5 ARC L LP728 - 5.5 ARC L LP730 - 5.5 ARC L LP732 - 5.5 ARC L LP734 [K250-] - LP740 - KAPAN	
<b>KAPANS 119.900</b>	RW07 - LP700 - 5.0 ARC R LP702 - 5.0 ARC R LP704 - 5.0 ARC R LP706 - 5.0 ARC R LP708 [K250-] - LP710 - 29.0 ARC R LP712 - LP714 - KAPAN	
<b>NAGELE 119.900</b>	RW07 - LP700 - LP720 - 10.0 ARC R LP724 - LP726 - 5.5 ARC L LP728 [K250-] - LP748 - NAGEL	
<b>NOVOGE 119.900</b>	RW07 - LP700 - LP720 - 10.0 ARC R LP724 - LP726 - 5.5 ARC L LP728 - 5.5 ARC L LP730 - 5.5 ARC L LP732 [K250-] - LP744 - NOVOG	
<b>OBRASN 119.900</b>	RW07 - LP700 - LP720 - 10.0 ARC R LP724 - LP726 - 5.5 ARC L LP728 - 5.5 ARC L LP730 - 5.5 ARC L LP732 - 5.5 ARC L LP734 [K250-] - LP740 - 12.0 ARC L LP742 - OBRAS	
<b>OBRASS 119.900</b>	RW07 - LP700 - 5.0 ARC R LP702 - 5.0 ARC R LP704 - 5.0 ARC R LP706 - 5.0 ARC R LP708 [K250-] - LP710 - OBRAS	
<b>TUKORE 119.900</b>	RW07 - LP700 - 5.0 ARC R LP702 [K250-] - TUKOR	
<b>URNOSE 119.900</b>	RW07 - LP700 - LP720 - 10.0 ARC R LP724 - LP726 - 5.5 ARC L LP728 - 5.5 ARC L LP730 [K250-] - LP746 - URNOS	
<b>VITANE 119.900</b>	RW07 - LP700 - LP720 - 10.0 ARC R LP724 - LP726 - LP750 - 20.0 ARC L LP752 - VITAN	

**SAL-MSLP**

5-20

**RNAV (RNP) SIDs RWY 25**

**ALTEGW / DUNELW / KAPANW / NAGELW / NOVOGW / OBRASW / TUKORW / URNOSW / VITANW**

**RWY 25 (250°)**

DESIGNATOR	ROUTING	ALTITUDES
<b>Runway 25</b>		
<b>ALTEGW 119.900</b>	RW25 - LP800 - 5.0 ARC L LP840 [K250-] - ALTEG	
<b>DUNELW 119.900</b>	RW25 - LP800 - LP502 - 6.5 ARC R LP802 [K250-] - DUNEL	
<b>KAPANW 119.900</b>	RW25 - LP800 - LP502 - 6.5 ARC R LP802 - 6.5 ARC R LP804 [K250-] - LP806 - LP810 - 10.0 ARC R LP812 - LP814 - KAPAN	
<b>NAGELW 119.900</b>	RW25 - LP800 - LP502 - 6.5 ARC R LP802 - 6.5 ARC R LP804 - LP806 - 5.6 ARC R LP820 [K250-] - LP822 - 8.0 ARC R LP830 - LP832 - NAGEL	
<b>NOVOGW 119.900</b>	RW25 - LP800 - LP502 - 6.5 ARC R LP802 - 6.5 ARC R LP804 - LP806 - 5.6 ARC R LP820 [K250-] - LP822 - 8.0 ARC L LP826 - LP828 - NOVOG	
<b>OBRASW 119.900</b>	RW25 - LP800 - LP502 - 6.5 ARC R LP802 - 6.5 ARC R LP804 [K250-] - LP806 - LP810 - OBRAS	
<b>TUKORW 119.900</b>	RW25 - LP800 - 5.0 ARC L LP840 - 5.0 ARC L LP842 [K250-] - TUKOR	
<b>URNOSW 119.900</b>	RW25 - LP800 - LP502 - 6.5 ARC R LP802 - 6.5 ARC R LP804 - LP806 - 5.6 ARC R LP820 [K250-] - LP822 - LP824 - URNOS	
<b>VITANW 119.900</b>	RW25 - LP800 - 5.0 ARC L LP840 - 5.0 ARC L LP842 - 5.0 ARC L LP844 [K250-] - LP846 - 12.0 ARC R LP848 - LP850 - VITAN	

**SAL-MSLP****5-30****SIDs 2B/3B****ATUMA 3B / MORAM 3B / MUTAL 2B / RELTA 3B**

RWY 07 (070°)

	GS	120	150	180	210	240	270
8.8%	ft/MIN	1100	1400	1700	1900	2200	2500

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 07</b>	
<b>ATUMA 3B</b> 8.8% to 8000 <b>119.900</b>	<b>RT intercept R092 CAT to D15 CAT - LT HDG 315° - RT intercept R027 CAT to ATUMA</b>	D15 <b>CAT MNM 8000</b> ATUMA MNM <b>12000</b>
<b>MORAM 3B</b> 8.8% to 8000 <b>119.900</b>	<b>RT intercept R092 CAT to D15 CAT - LT HDG 315° - RT intercept R002 CAT to MORAM</b>	D15 <b>CAT MNM 8000</b> MORAM MNM <b>12000</b>
<b>MUTAL 2B</b> 8.8% to 8000 <b>119.900</b>	<b>RT intercept R092 CAT to D15 CAT - LT HDG 030° - RT intercept R070 CAT to MUTAL</b>	D15 <b>CAT MNM 8000</b> MUTAL MNM <b>10000</b>
<b>RELT A 3B</b> 8.8% to 8000 <b>119.900</b>	<b>RT intercept R092 CAT to D15 CAT - LT HDG 315° - RT intercept R351 CAT to RELTA</b>	D15 <b>CAT MNM 8000</b> RELT A MNM <b>12000</b>

**SAL-MSLP****5-40****SIDs 2D**

SIDPT

**AMESA 2D / AMUVO 2D / ATUMA 2D / ILOTI 2D / MORAM 2D / OLISU 2D / RELTA 2D / UMIPI 2D****RWY 25 (250°)**

	GS	120	150	180	210	240	270
6.5%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 25</b>	
<b>AMESA 2D</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at D10 <b>CAT RT</b> HDG 325° - <b>LT</b> intercept R285 <b>CAT</b> to AMESA	D10 <b>CAT MNM 3500</b> AMESA MNM <b>10000</b>
<b>AMUVO 2D</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at D10 <b>CAT LT</b> HDG 100° - <b>RT</b> intercept R130 <b>CAT</b> to AMUVO	D10 <b>CAT MNM 3500</b> AMUVO MNM <b>8000</b>
<b>ATUMA 2D</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at D10 <b>CAT RT</b> intercept R198 <b>YSV</b> to <b>YSV</b> - R050 <b>YSV</b> to ATUMA	D10 <b>CAT MNM 3500</b> D5 <b>YSV MNM 8000</b> ATUMA MNM <b>12000</b>
<b>ILOTI 2D</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at D10 <b>CAT LT</b> HDG 100° - <b>RT</b> intercept R147 <b>CAT</b> to ILOTI	D10 <b>CAT MNM 3500</b> ILOTI MNM <b>8000</b>
<b>MORAM 2D</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at D10 <b>CAT RT</b> intercept R198 <b>YSV</b> to <b>YSV</b> - R015 <b>YSV</b> to MORAM	D10 <b>CAT MNM 3500</b> D5 <b>YSV MNM 8000</b> MORAM MNM <b>12000</b>
<b>OLISU 2D</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at D10 <b>CAT RT</b> HDG 325° - <b>LT</b> intercept R307 <b>CAT</b> to OLISU	D10 <b>CAT MNM 3500</b> D15 <b>CAT MNM 7000</b> OLISU MNM <b>11000</b>
<b>RELTA 2D</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at D10 <b>CAT RT</b> intercept R198 <b>YSV</b> to <b>YSV</b> - R357 <b>YSV</b> to RELTA	D10 <b>CAT MNM 3500</b> D5 <b>YSV MNM 8000</b> RELTA MNM <b>12000</b>
<b>UMIPI 2D</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at D10 <b>CAT LT</b> HDG 100° - <b>RT</b> intercept R116 <b>CAT</b> to UMIPI	D10 <b>CAT MNM 3500</b> UMIPI MNM <b>10000</b>

**SAL-MSLP****5-50****SIDs 2E**

SIDPT

**AMESA 2E / AMUVO 2E / ATUMA 2E / ILOTI 2E / MORAM 2E / OLISU 2E / RELTA 2E / UMIPI 2E****RWY 25 (250°)**

	GS	120	150	180	210	240	270
6.5%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 25</b>	
<b>AMESA 2E</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at MNM <b>3500 RT</b> direct AMESA	AMESA MNM <b>10000</b>
<b>AMUVO 2E</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at MNM <b>3500 LT</b> direct AMUVO	AMUVO MNM <b>8000</b>
<b>ATUMA 2E</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at MNM <b>3500 RT</b> direct ATUMA	ATUMA MNM <b>12000</b>
<b>ILOTI 2E</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at MNM <b>3500 LT</b> direct ILOTI	ILOTI MNM <b>8000</b>
<b>MORAM 2E</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at MNM <b>3500 RT</b> direct MORAM	D5 YSV MNM <b>8000</b> MORAM MNM <b>12000</b>
<b>OLISU 2E</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at MNM <b>3500 RT</b> direct OLISU	D15 <b>CAT</b> MNM <b>7000</b> OLISU MNM <b>11000</b>
<b>RELTA 2E</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at MNM <b>3500 RT</b> direct RELTA	D5 YSV MNM <b>8000</b> RELTA MNM <b>12000</b>
<b>UMIPI 2E</b> 6.5% <b>119.900</b>	R251 <b>CAT</b> - at MNM <b>3500 LT</b> direct UMIPI	UMIPI MNM <b>10000</b>

**SAL-MSLP****5-60****SIDs 2F**

SIDPT

**ATUMA 2F / IMALU 2F / IMIMO 2F / MORAM 2F / RELTA 2F**

RWYs 07 (070°) / 25 (250°)

DESIGNATOR	ROUTING	ALTITUDES
<b>Runway 07</b>		
<b>ATUMA 2F 119.900</b>	at MNM 2500 RT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R050 <b>YSV</b> to ATUMA	D5 <b>YSV</b> MNM 8000 ATUMA MNM 12000
<b>IMALU 2F 119.900</b>	at MNM 2500 RT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R304 <b>YSV</b> to IMALU	D5 <b>YSV</b> MNM 8000 IMALU MNM 11000
<b>IMIMO 2F 119.900</b>	at MNM 2500 RT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R080 <b>YSV</b> to IMIMO	D5 <b>YSV</b> MNM 8000 IMIMO MNM 10000
<b>MORAM 2F 119.900</b>	at MNM 2500 RT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R015 <b>YSV</b> to MORAM	D5 <b>YSV</b> MNM 8000 MORAM MNM 12000
<b>RELTA 2F 119.900</b>	at MNM 2500 RT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R357 <b>YSV</b> to RELTA	D5 <b>YSV</b> MNM 8000 RELTA MNM 12000
<b>Runway 25</b>		
<b>ATUMA 2F 119.900</b>	at MNM 2500 LT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R050 <b>YSV</b> to ATUMA	D5 <b>YSV</b> MNM 8000 ATUMA MNM 12000
<b>IMALU 2F 119.900</b>	at MNM 2500 LT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R304 <b>YSV</b> to IMALU	D5 <b>YSV</b> MNM 8000 IMALU MNM 11000
<b>IMIMO 2F 119.900</b>	at MNM 2500 LT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R080 <b>YSV</b> to IMIMO	D5 <b>YSV</b> MNM 8000 IMIMO MNM 10000
<b>MORAM 2F 119.900</b>	at MNM 2500 LT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R015 <b>YSV</b> to MORAM	D5 <b>YSV</b> MNM 8000 MORAM MNM 12000
<b>RELTA 2F 119.900</b>	at MNM 2500 LT intercept R166 <b>YSV</b> (within D25 <b>YSV</b> ) to <b>YSV</b> - R357 <b>YSV</b> to RELTA	D5 <b>YSV</b> MNM 8000 RELTA MNM 12000

**SAL-MSLP****5-70****SIDs 3****AMESA 3 / ATUMA 3 / MORAM 3 / MUTAL 3 / OLISU 3 / RELTA 3**

RWYs 07 (070°) / 25 (250°)

	GS	120	150	180	210	240	270
4.2%	ft/MIN	600	700	800	900	1100	1200
7.8%	ft/MIN	1000	1200	1500	1700	1900	2200

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 07</b>	
<b>AMESA 3</b> 4.2% to 10000 <b>119.900</b>	HDG 069° - at MNM <b>2500 RT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R285 <b>CAT</b> to AMESA	<b>CAT MNM 5000</b> <b>AMESA MNM 10000</b>
<b>ATUMA 3</b> <b>119.900</b>	HDG 069° - at MNM <b>2500 RT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R027 <b>CAT</b> to ATUMA	<b>CAT MNM 5000</b> <b>D10 CAT MNM 8000</b> <b>ATUMA MNM 12000</b>
<b>MORAM 3</b> <b>119.900</b>	HDG 069° - at MNM <b>2500 RT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R002 <b>CAT</b> to MORAM	<b>CAT MNM 5000</b> <b>D10 CAT MNM 8000</b> <b>MORAM MNM 12000</b>
<b>MUTAL 3</b> <b>119.900</b>	HDG 069° - at MNM <b>2500 RT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R070 <b>CAT</b> to MUTAL	<b>CAT MNM 5000</b> <b>D12 CAT MNM 9000</b> <b>MUTAL MNM 10000</b>
<b>OLISU 3</b> 7.8% to 7000 <b>119.900</b>	HDG 069° - at MNM <b>2500 RT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R307 <b>CAT</b> to OLISU	<b>CAT MNM 5000</b> <b>D15 CAT MNM 7000</b> <b>OLISU MNM 11000</b>
<b>RELTA 3</b> <b>119.900</b>	HDG 069° - at MNM <b>2500 RT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R351 <b>CAT</b> to RELTA	<b>CAT MNM 5000</b> <b>D10 CAT MNM 8000</b> <b>RELTA MNM 12000</b>
	<b>Runway 25</b>	
<b>AMESA 3</b> 4.2% to 10000 <b>119.900</b>	HDG 249° - <b>RT</b> intercept R285 <b>CAT</b> to AMESA	<b>AMESA MNM 10000</b>
<b>ATUMA 3</b> <b>119.900</b>	HDG 249° - at MNM <b>2500 LT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R027 <b>CAT</b> to ATUMA	<b>CAT MNM 5000</b> <b>D10 CAT MNM 8000</b> <b>ATUMA MNM 12000</b>
<b>MORAM 3</b> <b>119.900</b>	HDG 249° - at MNM <b>2500 LT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R002 <b>CAT</b> to MORAM	<b>CAT MNM 5000</b> <b>D10 CAT MNM 8000</b> <b>MORAM MNM 12000</b>
<b>MUTAL 3</b> <b>119.900</b>	HDG 249° - at MNM <b>2500 LT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R070 <b>CAT</b> to MUTAL	<b>CAT MNM 5000</b> <b>D12 CAT MNM 9000</b> <b>MUTAL MNM 10000</b>
<b>OLISU 3</b> 7.8% to 7000 <b>119.900</b>	HDG 249° - <b>RT</b> intercept R307 <b>CAT</b> to OLISU	<b>D15 CAT MNM 7000</b> <b>OLISU MNM 11000</b>

**SAL-MSLP****5-80****SIDs 3****RELT A 3**

RWY 25 (250°)

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 25</b>	
<b>RELT A 3 119.900</b>	HDG 249° - at MNM <b>2500 LT</b> direct <b>CAT</b> (within D15 <b>CAT</b> ) - R351 <b>CAT</b> to RELTA	<b>CAT MNM 5000</b> <b>D10 CAT MNM 8000</b> <b>RELT A MNM 12000</b>

**SAL-MSLP****5-90****SIDs 3A**

SIDPT

**AMESA 3A / ATUMA 3A / MORAM 3A / MUTAL 3A / OLISU 3A / RELTA 3A**

RWYs 07 (070°) / 25 (250°)

DESIGNATOR	ROUTING	ALTITUDES
<b>Runway 07</b>		
<b>AMESA 3A 119.900</b>	<b>RT HDG 145° - intercept R110 CAT - at D10 CAT RT intercept R144 CAT to CAT - R285 CAT to AMESA</b>	<b>CAT MNM 5000 AMESA MNM 10000</b>
<b>ATUMA 3A 119.900</b>	<b>RT HDG 145° - intercept R110 CAT - at D10 CAT RT intercept R144 CAT to CAT - R027 CAT to ATUMA</b>	<b>CAT MNM 5000 D10 CAT MNM 8000 ATUMA MNM 12000</b>
<b>MORAM 3A 119.900</b>	<b>RT HDG 145° - intercept R110 CAT - at D10 CAT RT intercept R144 CAT to CAT - R002 CAT to MORAM</b>	<b>CAT MNM 5000 D10 CAT MNM 8000 MORAM MNM 12000</b>
<b>MUTAL 3A 119.900</b>	<b>RT HDG 145° - intercept R110 CAT - at D10 CAT RT intercept R144 CAT to CAT - R070 CAT to MUTAL</b>	<b>CAT MNM 5000 D10 CAT MNM 9000 MUTAL MNM 10000</b>
<b>OLISU 3A 119.900</b>	<b>RT HDG 145° - intercept R110 CAT - at D10 CAT RT intercept R144 CAT to CAT - R307 CAT to OLISU</b>	<b>CAT MNM 5000 D15 CAT MNM 7000 OLISU MNM 11000</b>
<b>RELTA 3A 119.900</b>	<b>RT HDG 145° - intercept R110 CAT - at D10 CAT RT intercept R144 CAT to CAT - R351 CAT to RELTA</b>	<b>CAT MNM 5000 D10 CAT MNM 8000 RELTA MNM 12000</b>
<b>Runway 25</b>		
<b>AMESA 3A 119.900</b>	<b>LT HDG 135° - intercept R179 CAT - at D10 CAT LT intercept R144 CAT to CAT - R285 CAT to AMESA</b>	<b>CAT MNM 5000 AMESA MNM 10000</b>
<b>ATUMA 3A 119.900</b>	<b>LT HDG 135° - intercept R179 CAT - at D10 CAT LT intercept R144 CAT to CAT - R027 CAT to ATUMA</b>	<b>CAT MNM 5000 D10 CAT MNM 8000 ATUMA MNM 12000</b>
<b>MORAM 3A 119.900</b>	<b>LT HDG 135° - intercept R179 CAT - at D10 CAT LT intercept R144 CAT to CAT - R002 CAT to MORAM</b>	<b>CAT MNM 5000 D10 CAT MNM 8000 MORAM MNM 12000</b>
<b>MUTAL 3A 119.900</b>	<b>LT HDG 135° - intercept R179 CAT - at D10 CAT LT intercept R144 CAT to CAT - R070 CAT to MUTAL</b>	<b>CAT MNM 5000 D10 CAT MNM 9000 MUTAL MNM 10000</b>
<b>OLISU 3A 119.900</b>	<b>LT HDG 135° - intercept R179 CAT - at D10 CAT LT intercept R144 CAT to CAT - R307 CAT to OLISU</b>	<b>CAT MNM 5000 D15 CAT MNM 7000 OLISU MNM 11000</b>
<b>RELTA 3A 119.900</b>	<b>LT HDG 135° - intercept R179 CAT - at D10 CAT LT intercept R144 CAT to CAT - R351 CAT to RELTA</b>	<b>CAT MNM 5000 D10 CAT MNM 8000 RELTA MNM 12000</b>

**SAL-MSLP****5-100****SIDs 3C****ATUMA 3C / MORAM 3C / MUTAL 3C / RELTA 3C**

RWY 07 (070°)

	GS	120	150	180	210	240	270
8.8%	ft/MIN	1100	1400	1700	1900	2200	2500

DESIGNATOR	ROUTING	ALTITUDES
	<b>Runway 07</b>	
<b>ATUMA 3C</b> 8.8% to 8000 <b>119.900</b>	<b>RT intercept R092 CAT to MNM 8000 - LT direct ATUMA</b>	<b>ATUMA MNM 12000</b>
<b>MORAM 3C</b> 8.8% to 8000 <b>119.900</b>	<b>RT intercept R092 CAT to MNM 8000 - LT direct MORAM</b>	<b>MORAM MNM 12000</b>
<b>MUTAL 3C</b> 8.8% to 8000 <b>119.900</b>	<b>RT intercept R092 CAT to MNM 8000 - LT direct MUTAL</b>	<b>MUTAL MNM 10000</b>
<b>RELTA 3C</b> 8.8% to 8000 <b>119.900</b>	<b>RT intercept R092 CAT to MNM 8000 - LT direct RELTA</b>	<b>RELTA MNM 12000</b>

**SAL-MSLP****5-110****SIDs 3H****AMUVO 3H / MUTAL 3H**

RWYs 07 (070°) / 25 (250°)

	GS	120	150	180	210	240	270
3.4%	ft/MIN	500	600	700	800	900	1000

DESIGNATOR	ROUTING	ALTITUDES
<b>Runway 07</b>		
<b>AMUVO 3H</b> 3.4% to 8000 <b>119.900</b>	<b>RT HDG 200° - LT</b> intercept R128 <b>CAT</b> - R128 <b>CAT</b> to AMUVO	AMUVO MNM <b>8000</b>
<b>MUTAL 3H</b> 119.900	<b>RT HDG 200° - LT</b> intercept R128 <b>CAT</b> - <b>LT</b> follow D15 <b>CAT</b> arc - <b>RT</b> intercept R070 <b>CAT</b> to MUTAL	MUTAL MNM <b>10000</b>
<b>Runway 25</b>		
<b>AMUVO 3H</b> 3.4% to 8000 <b>119.900</b>	<b>LT HDG 080° - RT</b> intercept R128 <b>CAT</b> - R128 <b>CAT</b> to AMUVO	AMUVO MNM <b>8000</b>
<b>MUTAL 3H</b> 119.900	<b>LT HDG 080° - RT</b> intercept R128 <b>CAT</b> - <b>LT</b> follow D15 <b>CAT</b> arc - <b>RT</b> intercept R070 <b>CAT</b> to MUTAL	MUTAL MNM <b>10000</b>

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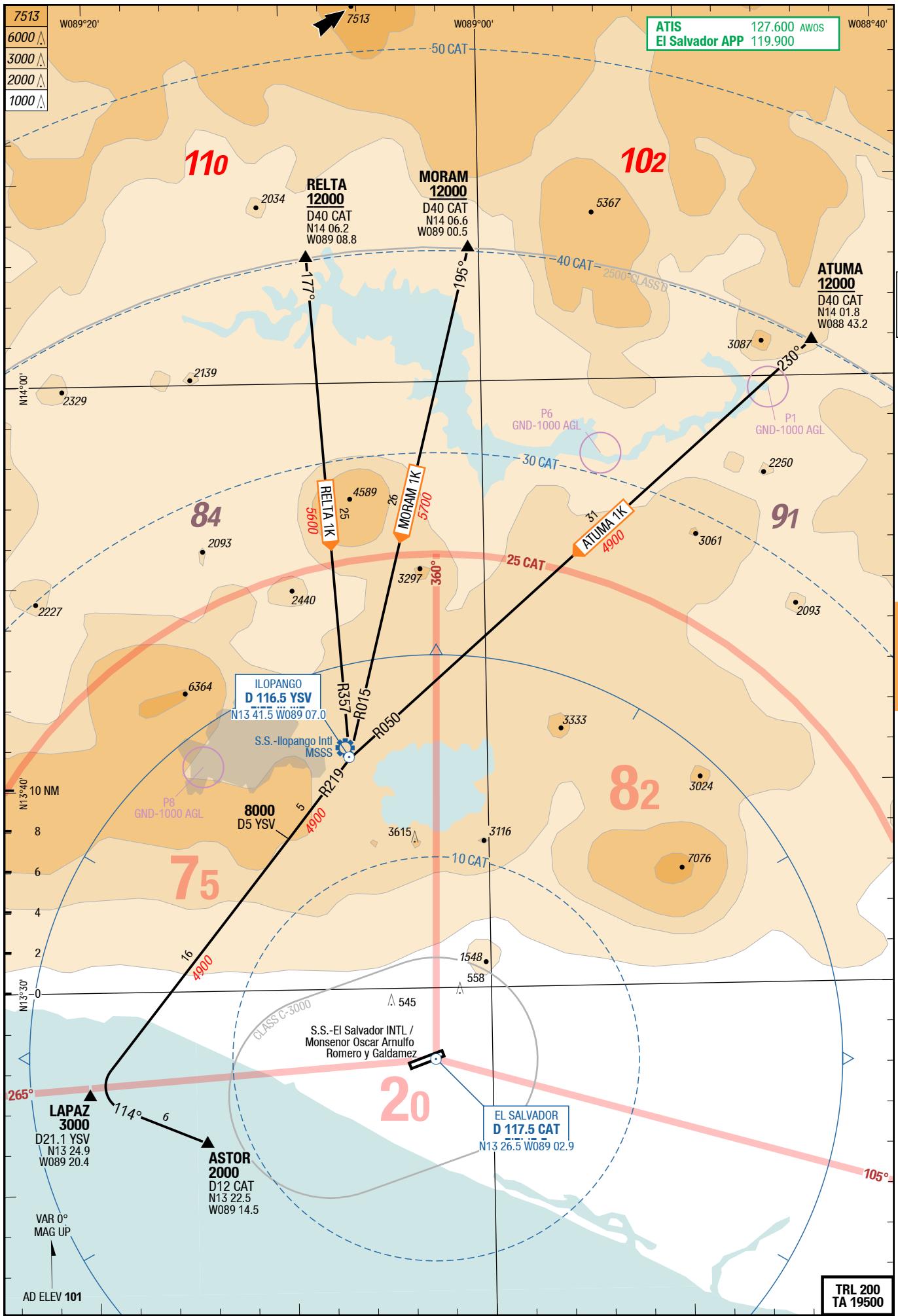
**EL SALVADOR INTL / Monsenor Oscar Arnulfo Romero y Galdamez San Salvador** El Salvador

SAL-MSLP

6-10

**STARS RWY 07**

**STARS RWY 07**



Effective 26-Apr-2018

## SAL-MSLP

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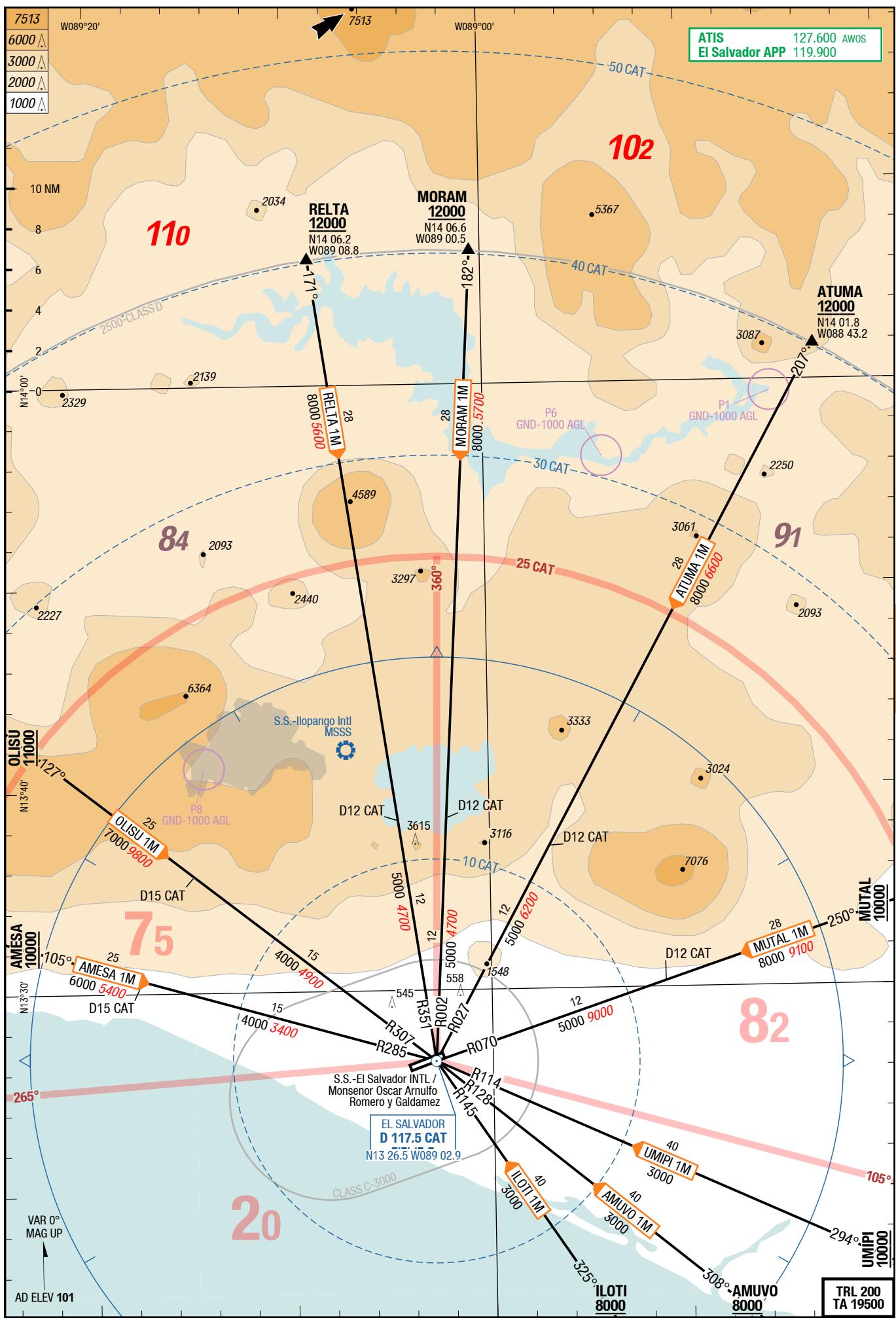
6-20

STARS RWY 07/25

STAR  
STAR

STARS RWY 07/25

El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez San Salvador El Salvador



**Effective 26-APR-2018**

El Salvador **San Salvador** El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdame

19-APR-2018

SAL-MSLP

6-30

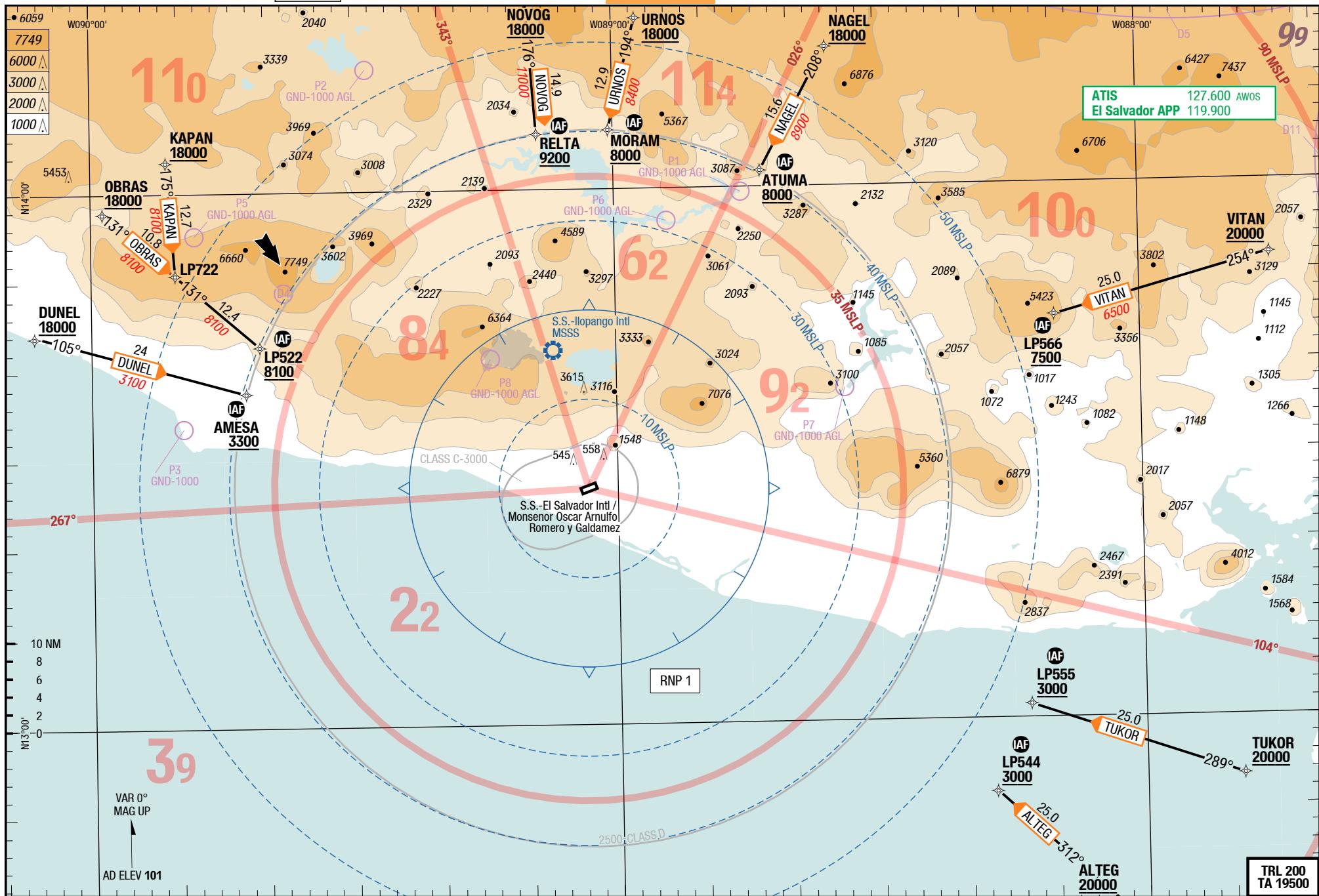
## RNAV (RNP) STARs RWY 07/25

STAR

El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez **San Salvador** El Salvador

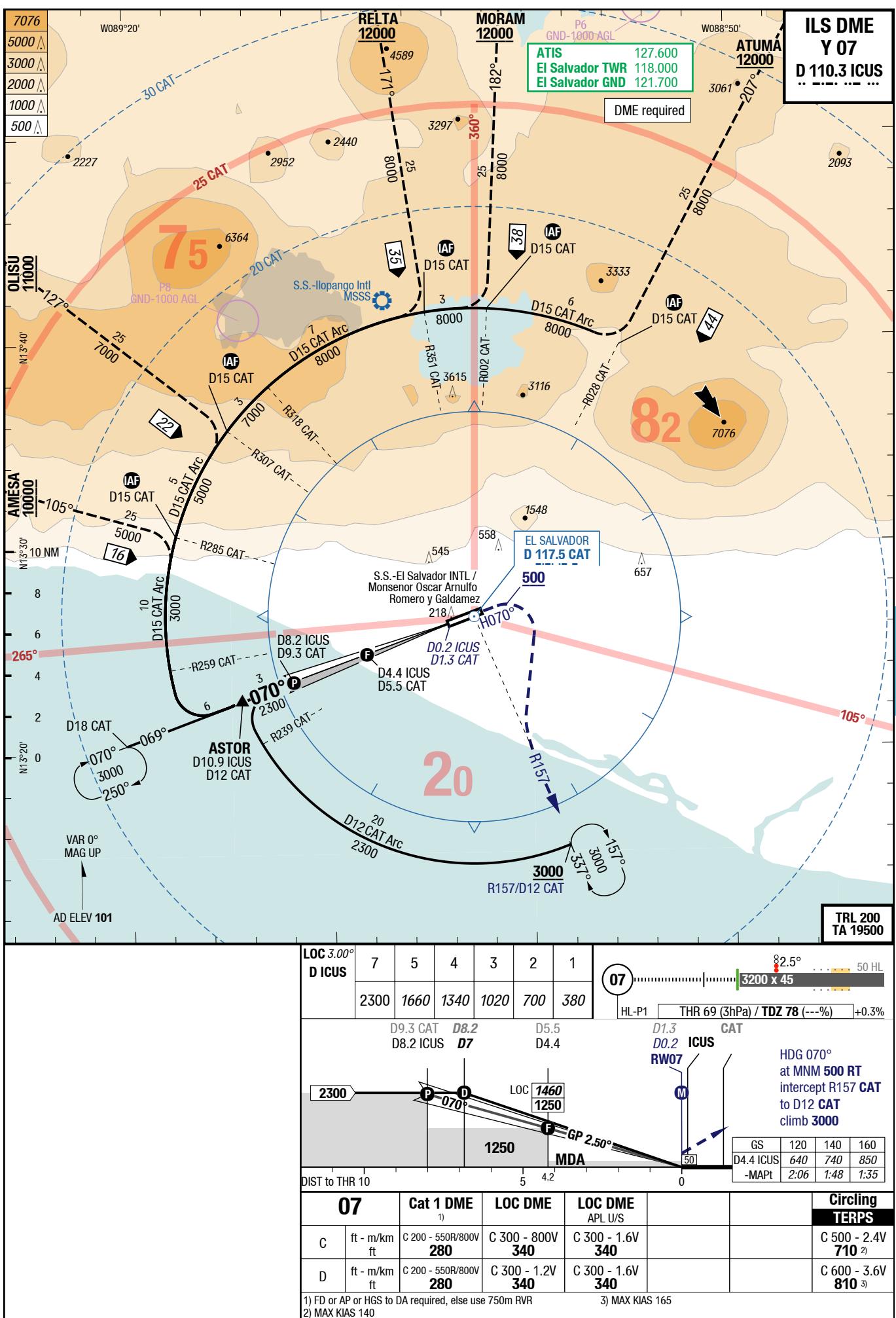
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## RNAV (RNP) STARs RWY 07/2



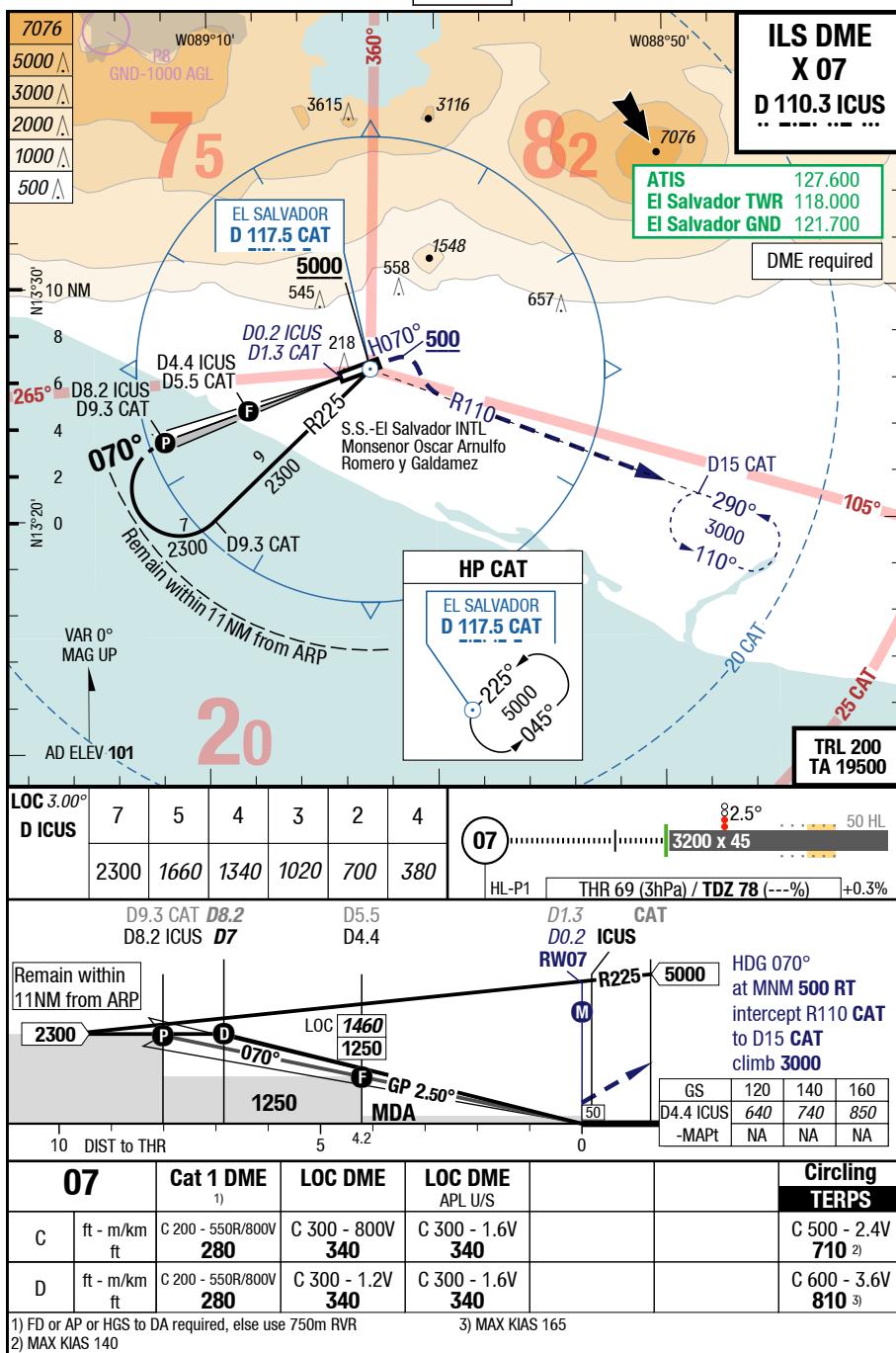


## Changes: Nil



7-30

ILS DME X 07





## SAL-MSLP

RNAV (RNP) Y 07

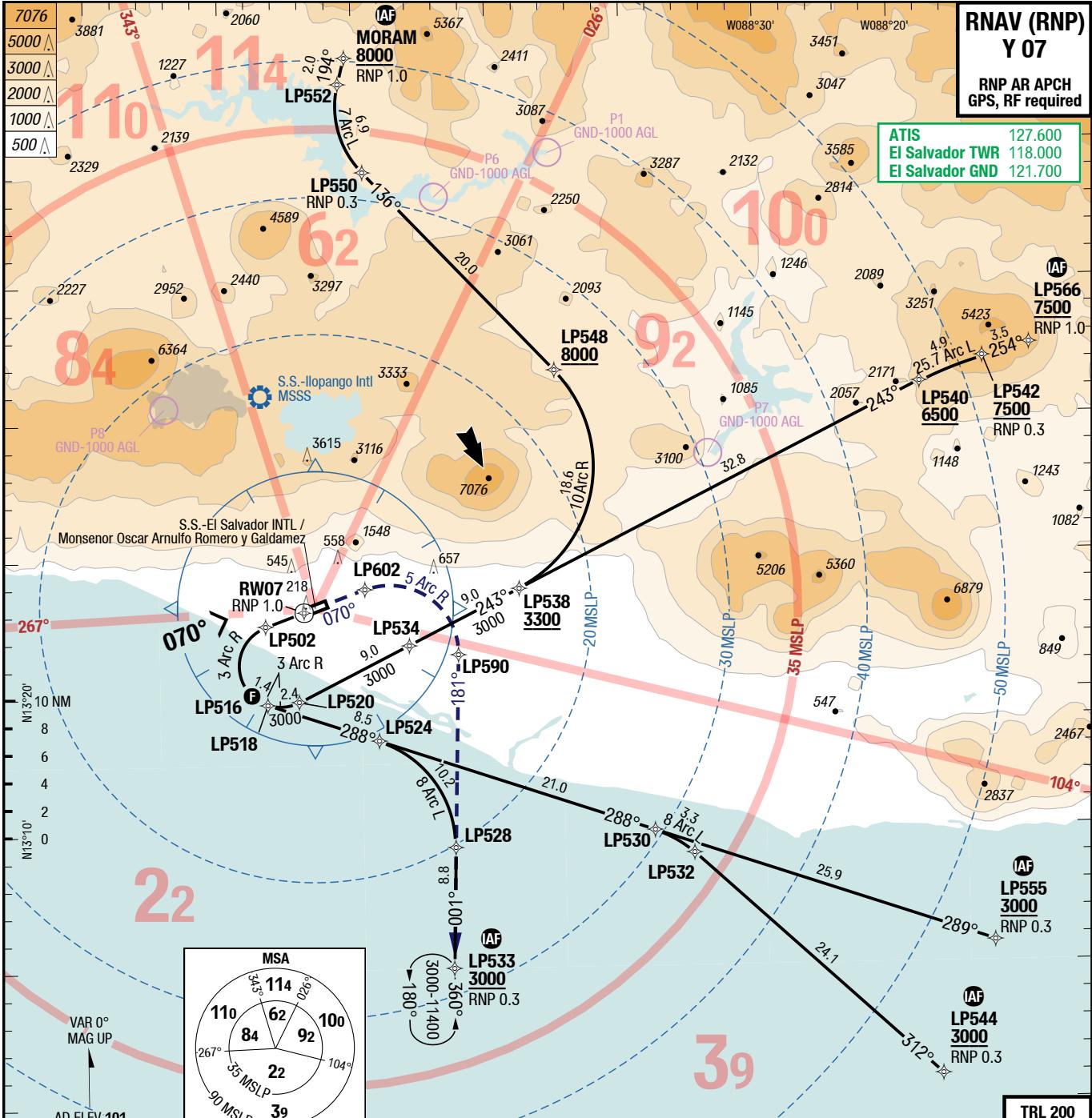
RNP AR APCH  
GPS, RF requiredATIS  
El Salvador TWR 118.000  
El Salvador GND 121.700

7-60

RNAV (RNP) Y 07

IAC  
IAC

RNAV (RNP) Y 07



3.00° RW07		07		RW07		070° to LP602 5 Arc R to LP590 181° to LP528 - LP533 climb 3000	
RW07 M13 26.2 W089 04.2		1200		DA		GS 120 140 160 640 740 850	
07	RNAV RNP 0.30 VNAV GA RNP 0.30 1(2)	RNAV RNP 0.30 VNAV GA RNP 0.30 1(2)3	RNAV RNP 0.30 VNAV GA RNP 1.0 2)	RNAV RNP 0.30 VNAV GA RNP 1.0 2)3)		Circling TERPS	
C	ft - m/km ft	300 - 800V <b>370</b>	300 - 1.6V <b>370</b>	340 - 800V <b>410</b>	340 - 1.6V <b>410</b>		Not published
D	ft - m/km ft	310 - 1.6V <b>380</b>	310 - 1.6V <b>380</b>	360 - 1.6V <b>430</b>	430		Not published
1) RNP 0.30 is required until LP602 2) Uncompensated BARO VNAV NA below +14°C (57°F)/above 40.0°C (104°F) 3) APL US 4) With EVS VIS 1.1km, wo EVS use STD							





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SAL-MSLP

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7-90

RNAV (RNP) Y 25

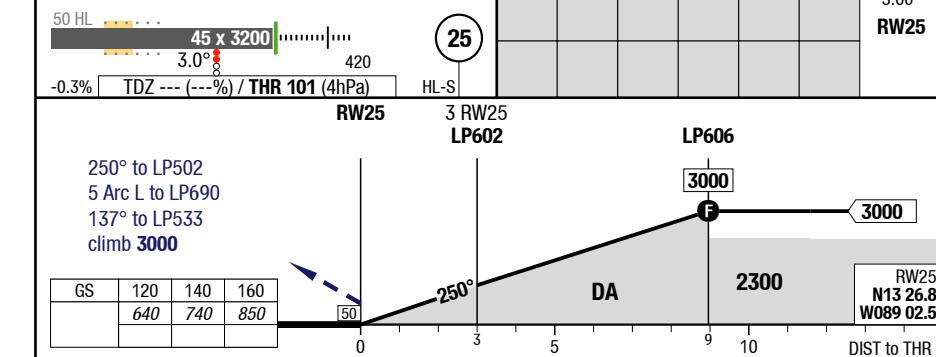
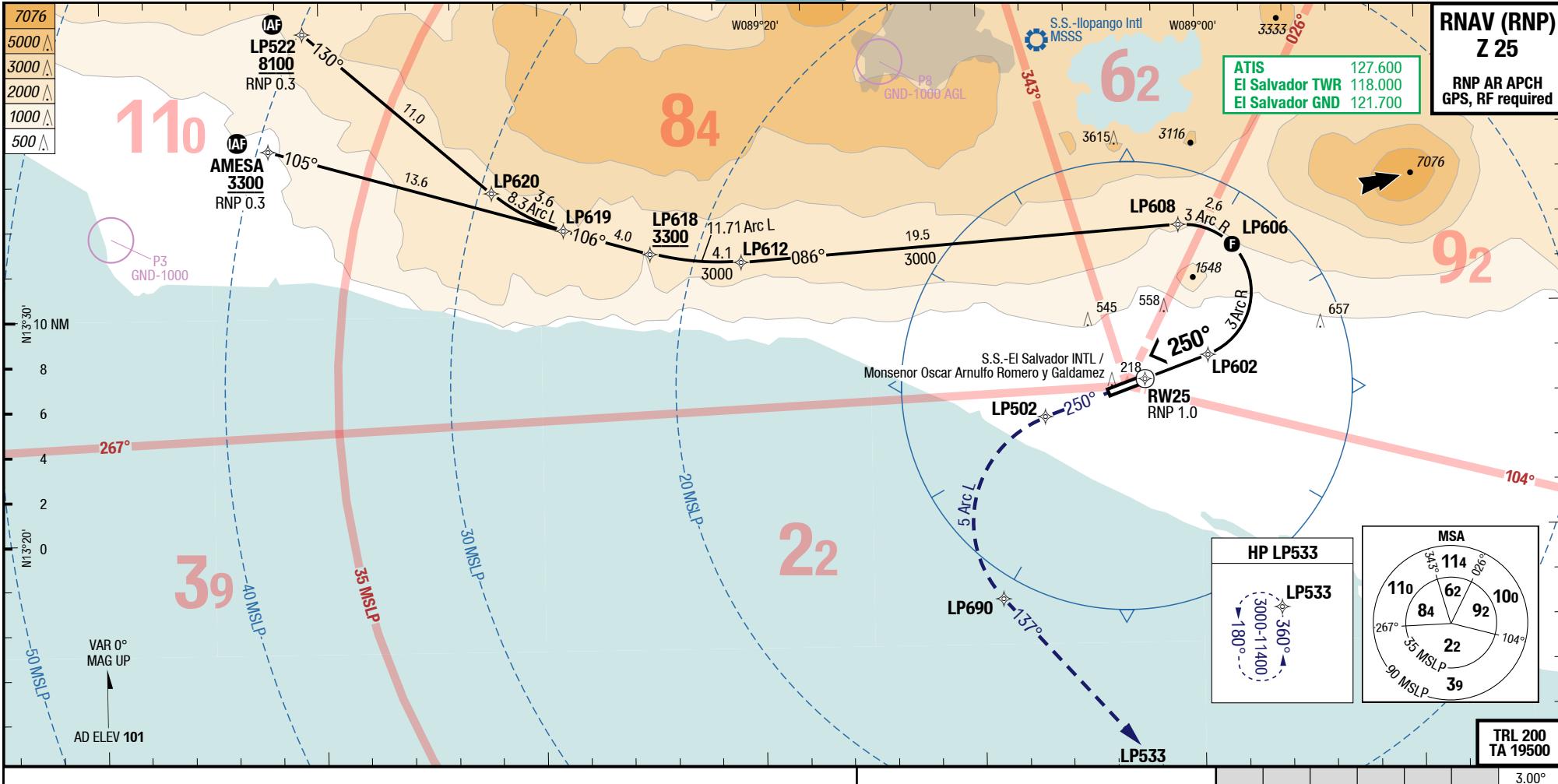
IAC

IAC

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RNAV (RNP) Y 25

RNAV (RNP) Z 25



Changes: Track, FAT, OBST, VAR

Effective 26-APR-2018

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SAL-MSLP

7-100

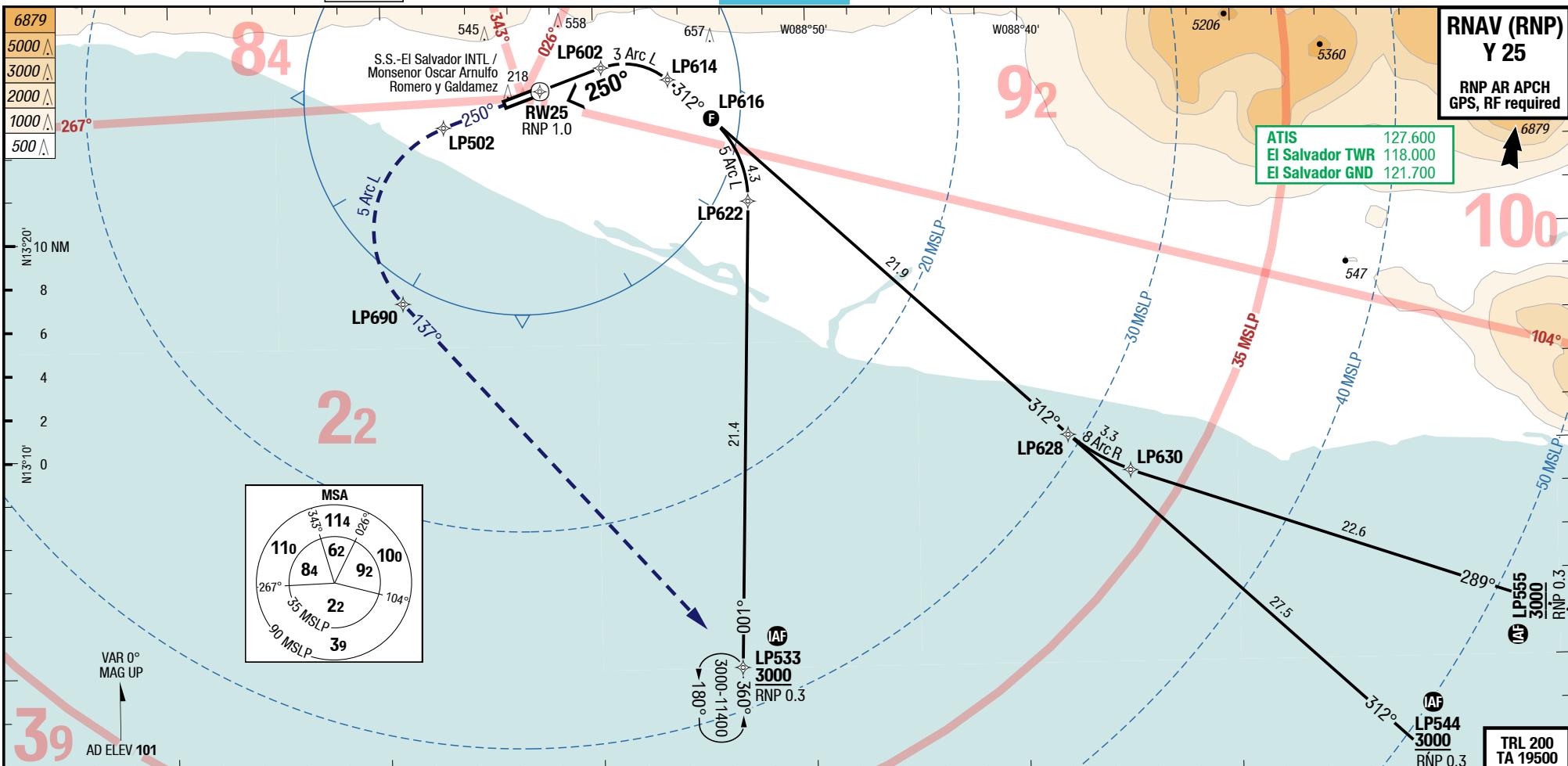
RNAV (RNP) Y 25

IAC

IAC

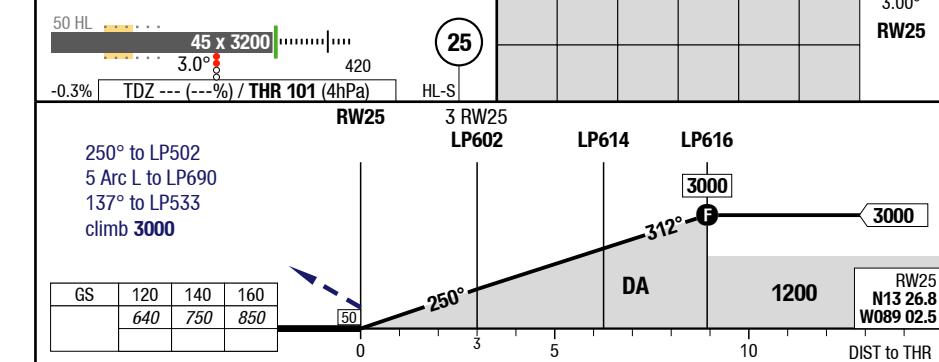
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RNAV (RNP) Y 25

RNAV (RNP)  
Y 25RNP AR APCH  
GPS, RF required

25		RNAV RNP 0.30 VNAV GA RNP 0.30 <sup>1)</sup> <sup>2)</sup>	RNAV RNP 0.30 VNAV GA RNP 1.0 <sup>2)</sup>	Circling TERPS	
C	ft - m/km ft	C 400 - 1.6V <b>370</b> <sup>3)</sup>	C 400 - 1.6V <b>420</b> <sup>3)</sup>		Not published
D	ft - m/km ft	C 400 - 1.6V <b>380</b> <sup>3)</sup>	C 400 - 1.6V <b>440</b> <sup>3)</sup>		Not published

1) RNP 0.30 is required until LP502 2) Uncompensated BARO VNAV NA below +14°C (57°F)/above 40.0°C (104°F) 3) With EVS VIS 1.1km, no EVS use STD



Changes: Track, FAT, OBST, VAR

## SAL-MSLP

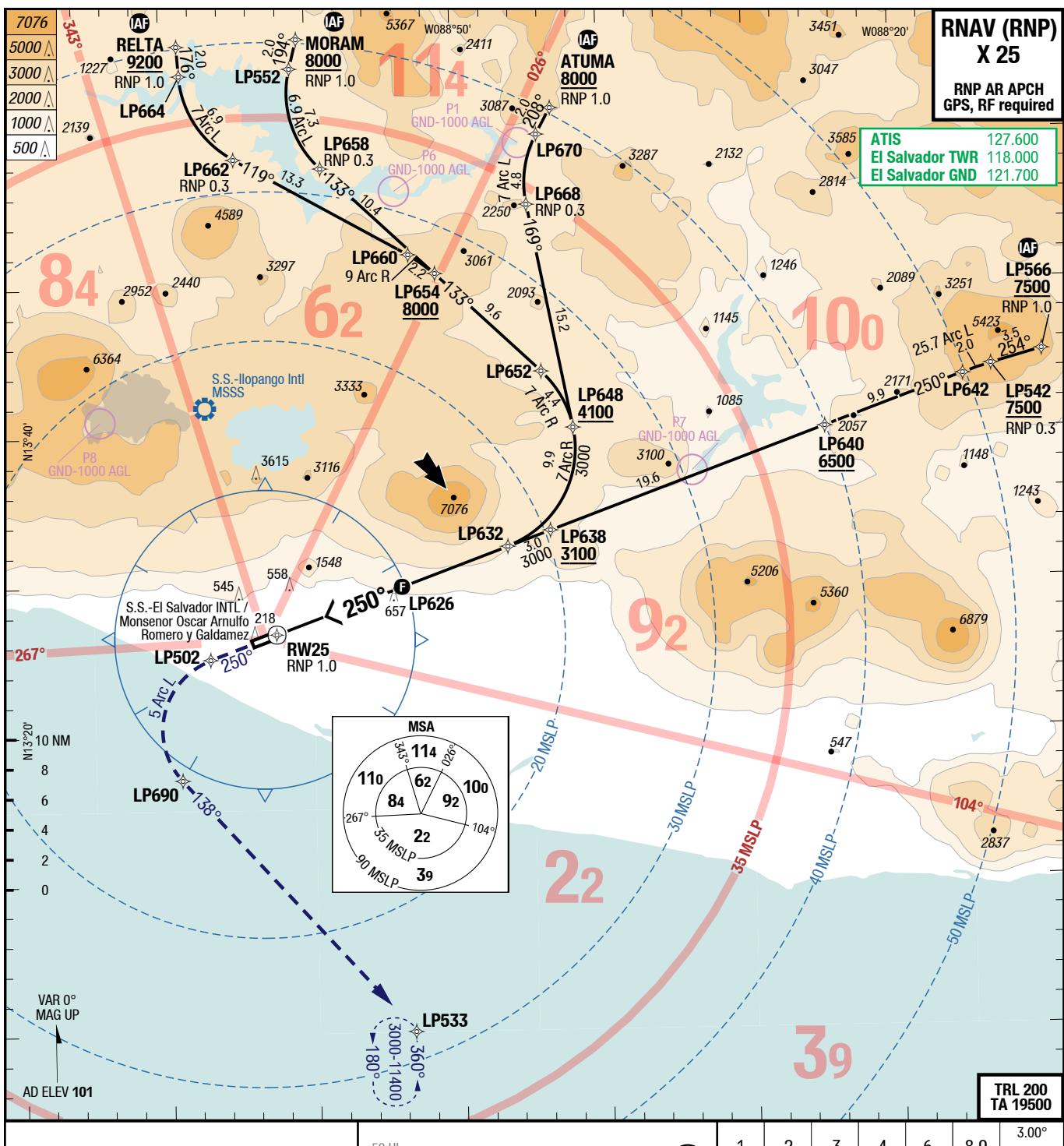
**RNAV (RNP) X 25**  
RNP AR APCH  
GPS, RF required

ATIS 127.600  
El Salvador TWR 118.000  
El Salvador GND 121.700

7-110

**RNAV (RNP) X 25**  
IAC  
IAC

**RNAV (RNP) X 25**  
TRL 200  
TA 19500



RW25		8.9 RW25 LP626			
50 HL	45 x 3200	3.0°	420	(25)	3.0° RW25
-0.3%	TDZ --- (---%) / THR 101 (4hPa)			470 790 1110 1430 2070 3000	
GS	120 140 160				
	640 740 850				
		50			
250° to LP502 5 Arc L to LP690 138° to LP533 climb 3000		DA		2400	
GS 120 140 160		RW25 N13 26.8 W089 02.5		DIST to THR	
25		RNAV RNP 0.30 VNAV GA RNP 0.30 1)		Circling TERPS	
C	ft - m/km	C 400 - 1.6V 370 3)	C 400 - 1.6V 420 3)		Not published
D	ft - m/km	C 400 - 1.6V 380 3)	C 400 - 1.6V 440 3)		Not published

1) RNP 0.30 is required until LP502 2) Uncompensated BARO VNAV NA below +14°C (57°F)/above 40.0°C (104°F) 3) With EVS VIS 1.1km, w/o EVS use STD

## SAL-MSLP

7-120

RNAV (RNP) W 25

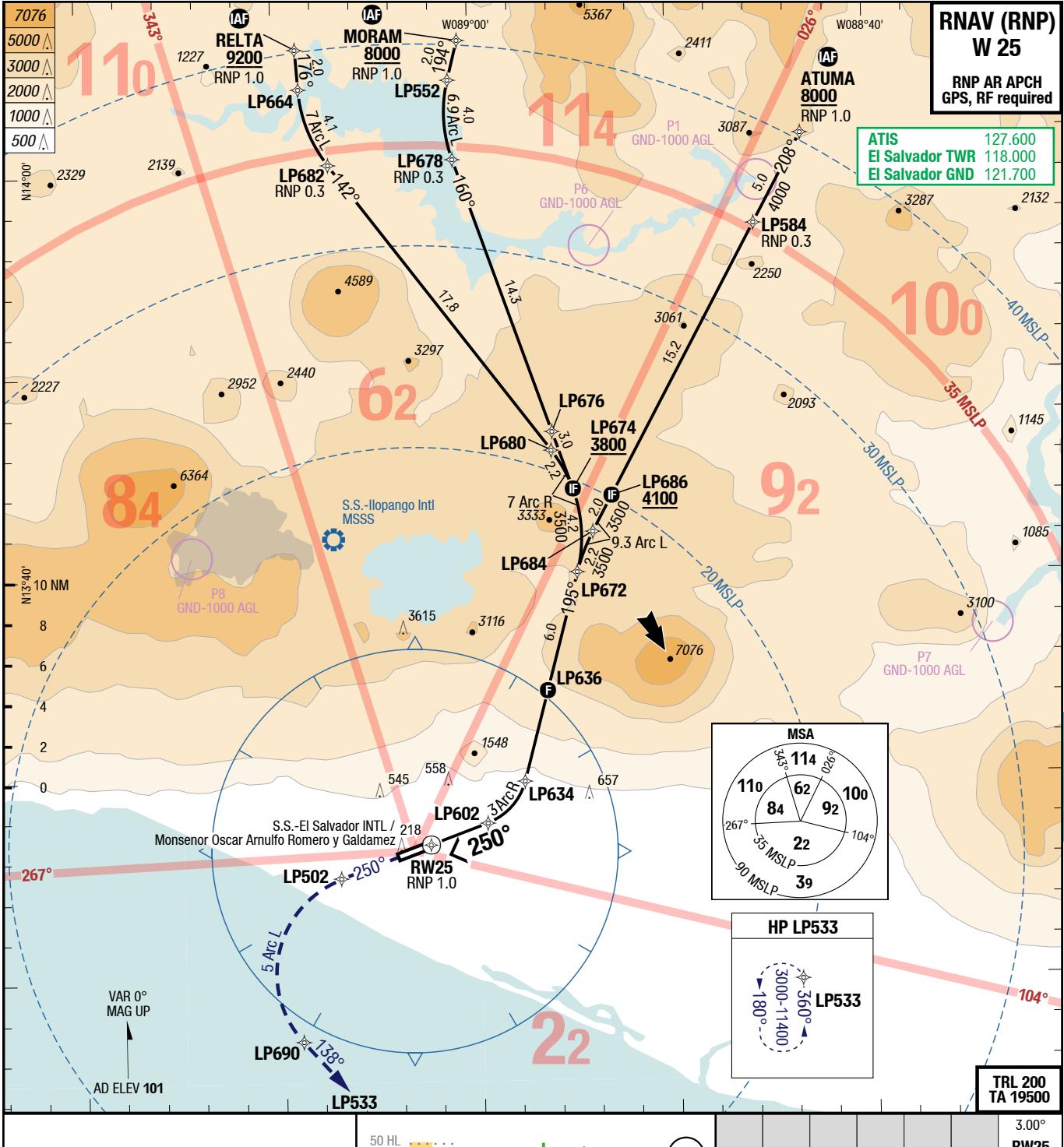
IAC  
IAC

RNAV (RNP) W 25

**RNAV (RNP)  
W 25**

RNP AR APCH  
GPS, RF required

ATIS  
El Salvador TWR 118.000  
El Salvador GND 121.700



RW25				3 RW25	LP602	LP634	LP636	3.00° RW25
250° to LP502	5 Arc L to LP690	138° to LP533	climb 3000					
GS 120	140	160						
640	740	850						
								DIST to THR
<b>25</b>	<b>RNAV RNP 0.30 VNAV GA RNP 0.30 1)</b>	<b>RNAV RNP 0.30 VNAV GA RNP 1.0 2)</b>						<b>Circling TERPS</b>
C	ft - m/km ft	C 400 - 1.6V <b>370</b> 3)	C 400 - 1.6V <b>420</b> 3)					Not published
D	ft - m/km ft	C 400 - 1.6V <b>380</b> 3)	C 400 - 1.6V <b>440</b> 3)					Not published
1) RNP 0.30 is required until LP502 2) Uncompensated BARO VNAV NA below +14°C (57°F)/above 40.0°C (104°F) 3) With EVS VIS 1.1km, w/o EVS use STD								

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El Salvador **San Salvador** El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez

06-SEP-2018

SAL-MSLP

7-130

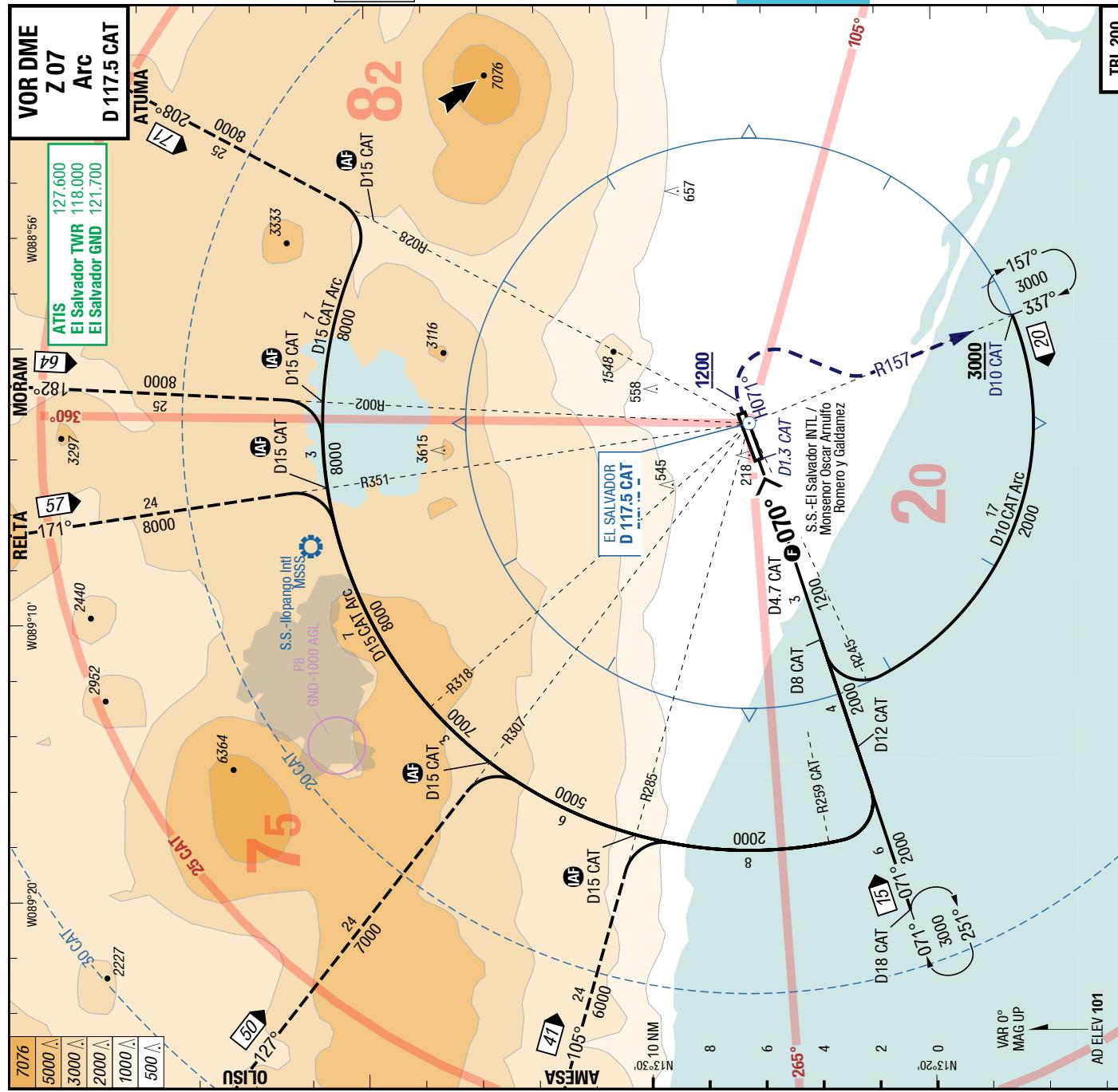
**VOR DME Z 07 Arc**

110

El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez **San Salvador** El Salvador

VOR DME Y O

VOR DME Z 07 Arc



**TA 19500**

3.00° <b>D CAT</b>		7.2	7	6	5	4	3	07
2000	1930	1610	1300	980	660			

**D8 CAT** **D7.2** **D4.7** **07** **HL-P1** **THR 69 (3hPa) / TDZ 78 (---%)** +0.3%

**CAT** **D1.3** **HDG 071°**  
at MNN 1200 RT  
intercept R157 CAT  
to D10 CAT  
climb 3000

**MDA**

**VOR DME** **APL/U/S**

**07** **VOR DME** **APL/U/S**

	C	D
ft - m/km	C 300 - 800V <b>360</b>	C 300 - 1.6V <b>360</b>
ft - m/km	C 300 - 1.6V <b>360</b>	C 300 - 1.6V <b>360</b>

DIST to THR

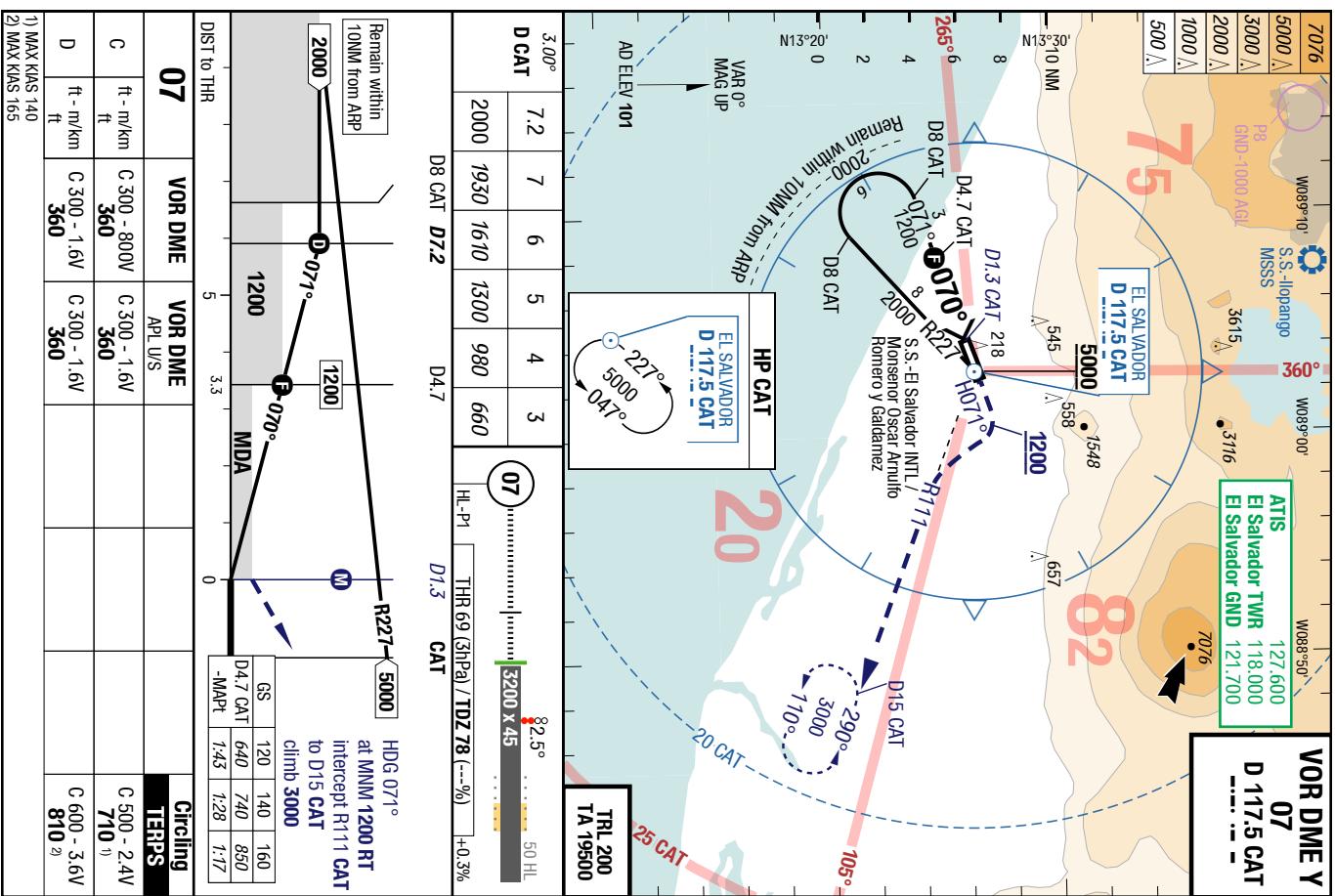
**TERPS**

C 500 - 2.4V  
**710<sub>(1)</sub>**

C 600 - 3.6V  
**810<sub>(2)</sub>**

**Circling**

1 MAX KIAS 140  
2 MAX KIAS 165

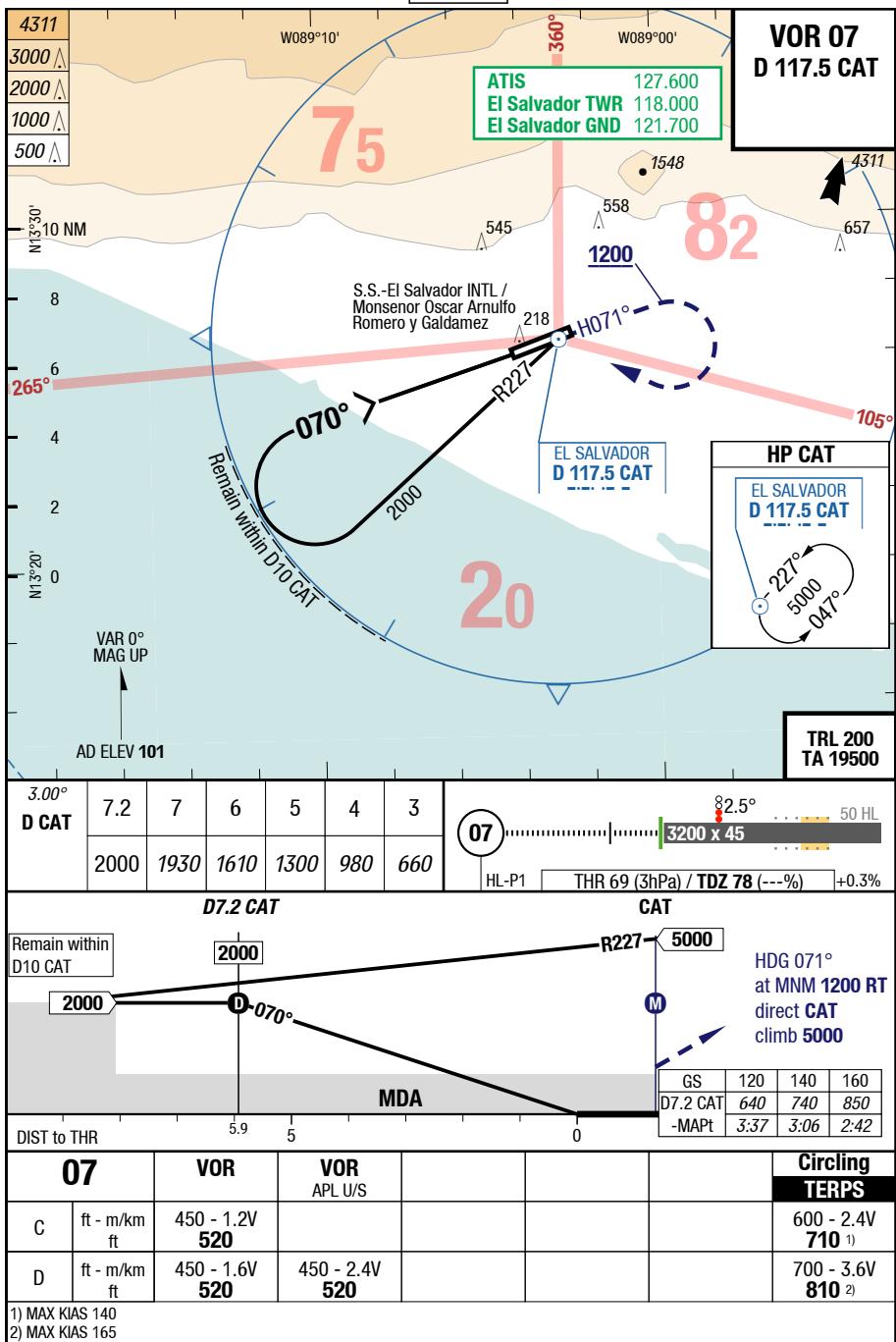
**SAL-MSLP****7-140****VOR DME Y 07****IAC IAC****VOR DME Y 07**

06-SEP-2018

**SAL-MSLP**

7-150

IAC

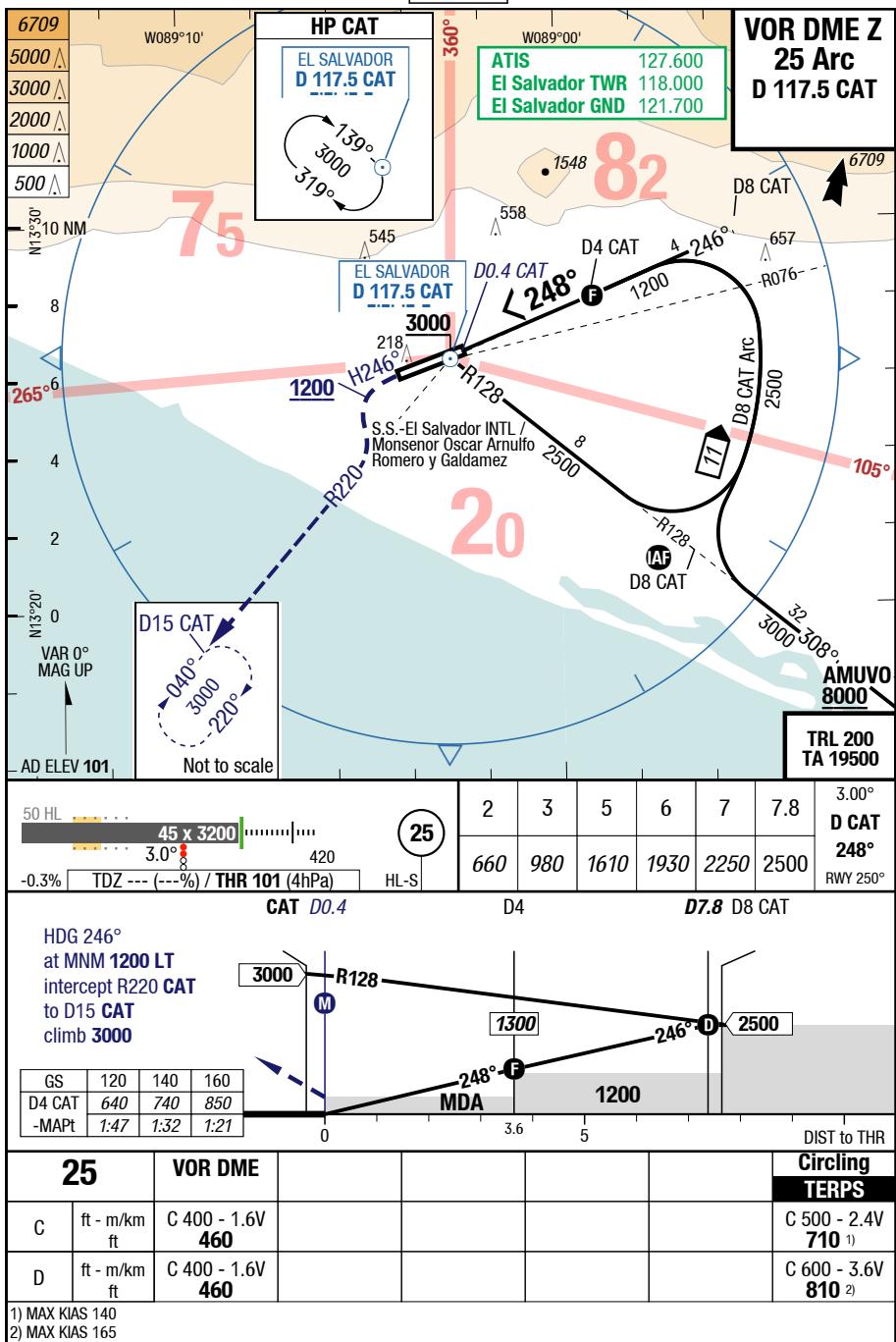
**VOR 07**

06-SEP-2018

## SAL-MSLP

7-160

## VOR DME Z 25 Arc

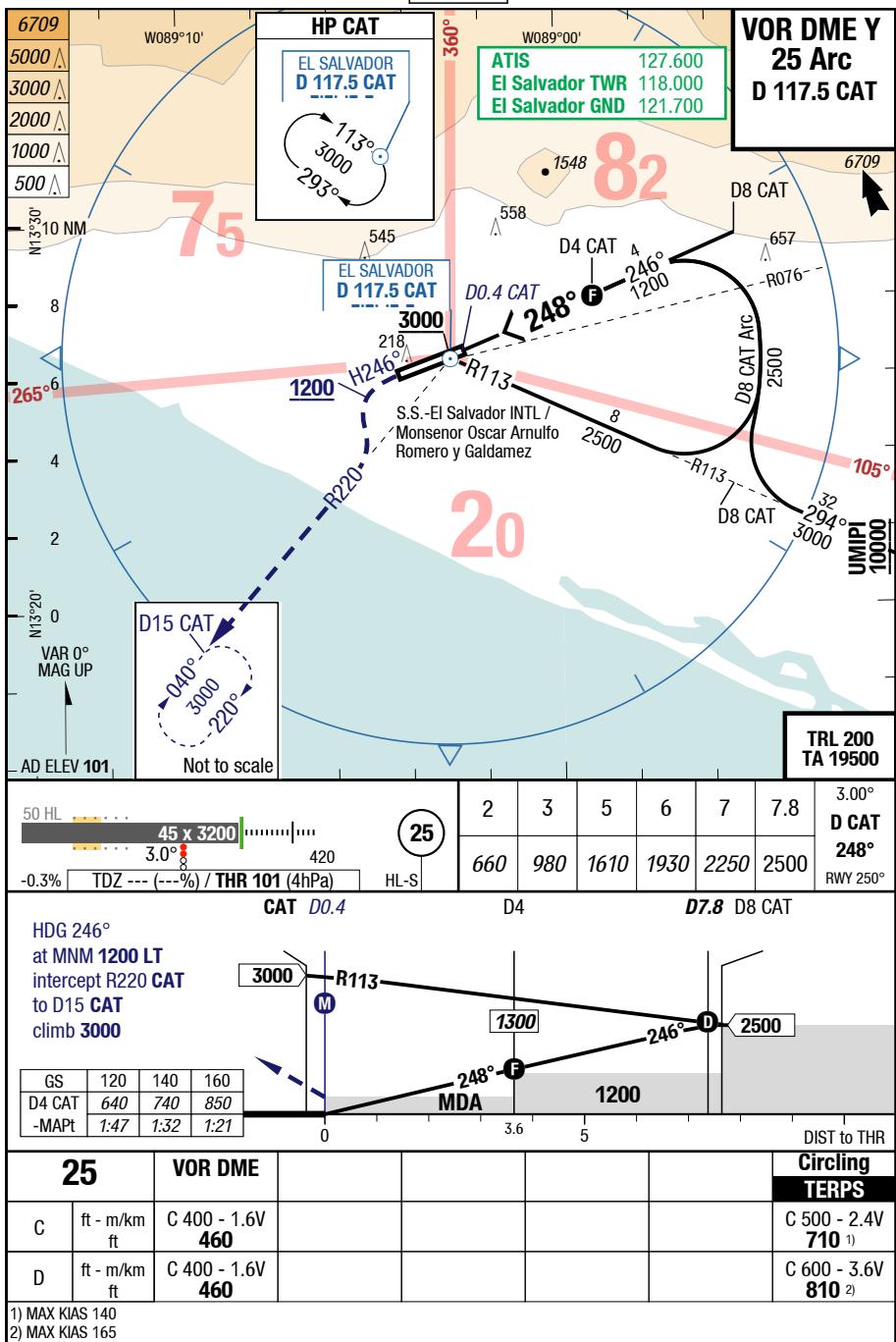


Changes: chart title

06-SEP-2018

**SAL-MSLP**

7-170

**VOR DME Y 25 Arc**

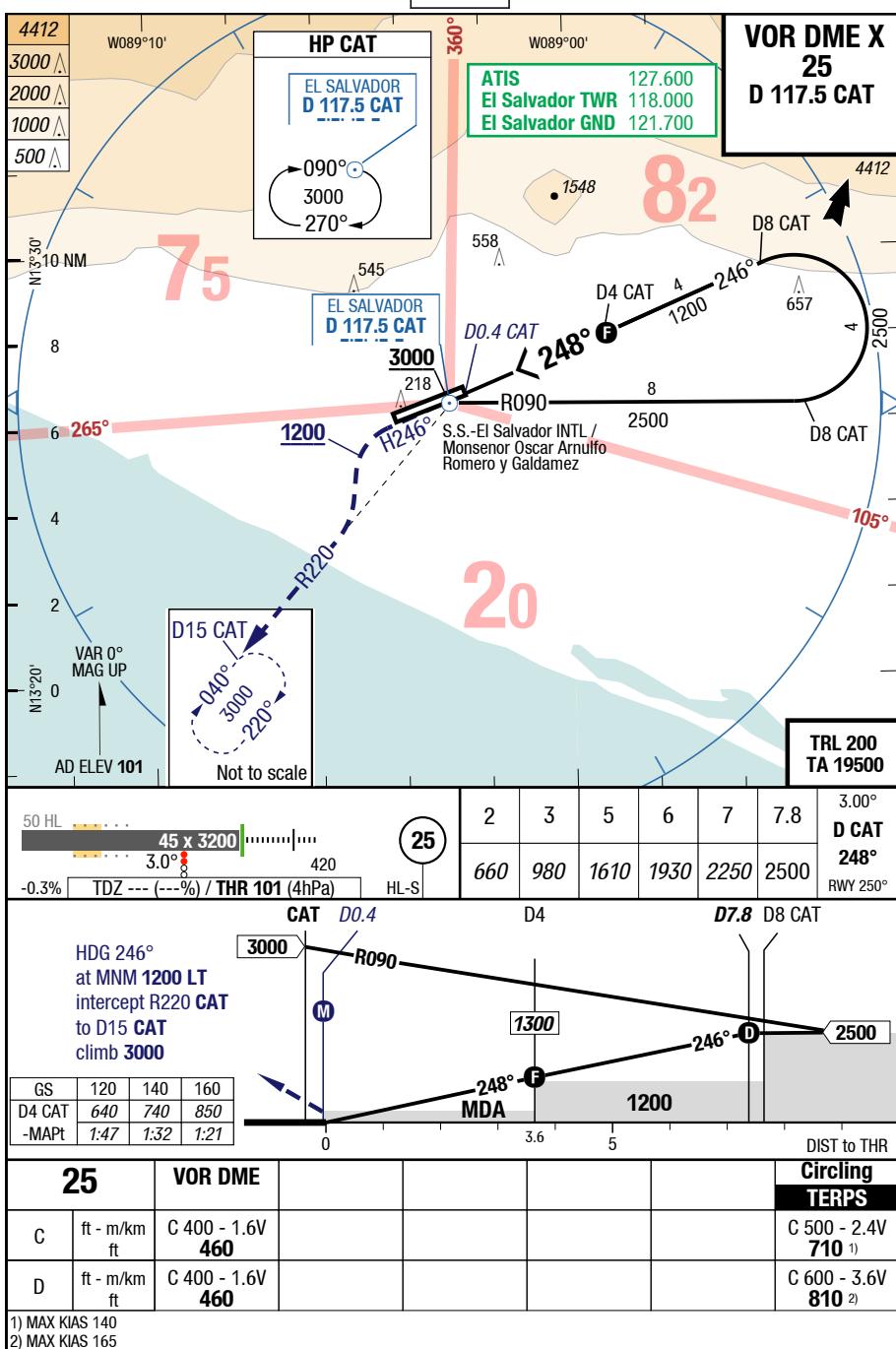
Changes: chart title

06-SEP-2018

## SAL-MSLP

7-180

## VOR DME X 25



Changes: Nil

Effective 26-APR-2018

19-APR-2018

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SAL-MSLP

8-10

MRC  
NIL  
MRC

El Salvador INTL / Monsenor Oscar Arnulfo Romero y Galdamez San Salvador El Salvador

