

FOR-SBFZ

1-10

AOI

AOI

GENERAL

Operational Hours

ATS Hours / AD Operator Hours: H24

Airport Information

RFF: CAT 9

PCN: RWY 13/31: 66/F/A/X/T

Operation

RWY Restriction

RWY friction calibration between 300-500m / 984-1640ft from THR 13 below MNM.

TWY Restriction

TWY J (between TWYs I and E) MAX wingspan 36m / 118ft.

Code letter C ACFT and above are prohibited to use TWY E, leaving general aviation terminal to enter or cross RWY.

Taxi/Parking

Jet/Turboprop with wingspan above 24m / 79ft are prohibited to execute manoeuvres turning their tails towards the PAX terminal, general aviation facilities and cargo terminal buildings.

Engine Run-up Areas

ENG run-ups must be coordinated with at least 1HR of priority with AD Administration.

ENG run-ups are allowed at the following areas:

- TWY H, MON-FRI 0900-1100, SAT, SUN and HOL 0900-0030
- TWY A (between intersection K and B), MON-FRI 1130-0030

Warnings

Birds in vicinity of AD.

ARRIVAL

Communication

COM Failure: See CRAR.

Arrival Procedure

Non-standard GP intercept position on RWY 13

GP intercepts RWY 13 at 337m / 1107ft after landing threshold.

Remaining LDG DIST beyond GP is 2208m / 7243ft.

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DEPARTURE

Take-off Minima

RWY		13/31	
Multi ENG	ft - m/km	0 - 600V	TKOF ALTN AVBL, HJ only
		0 - 800V	TKOF ALTN AVBL, HN
All ACFT		c1000 - 1.6V	-

Departure Procedure

Start-up/Push-back

| For ACFT with wingspan above 24m / 79ft push-back from APN 2 and 3 mandatory.

Noise Abatement Procedure

Perform the noise attenuation procedure specific for the equipment or keep V2+10KT until 900ft then between V2+10KT and V2+20KT until 3100ft.

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AGC

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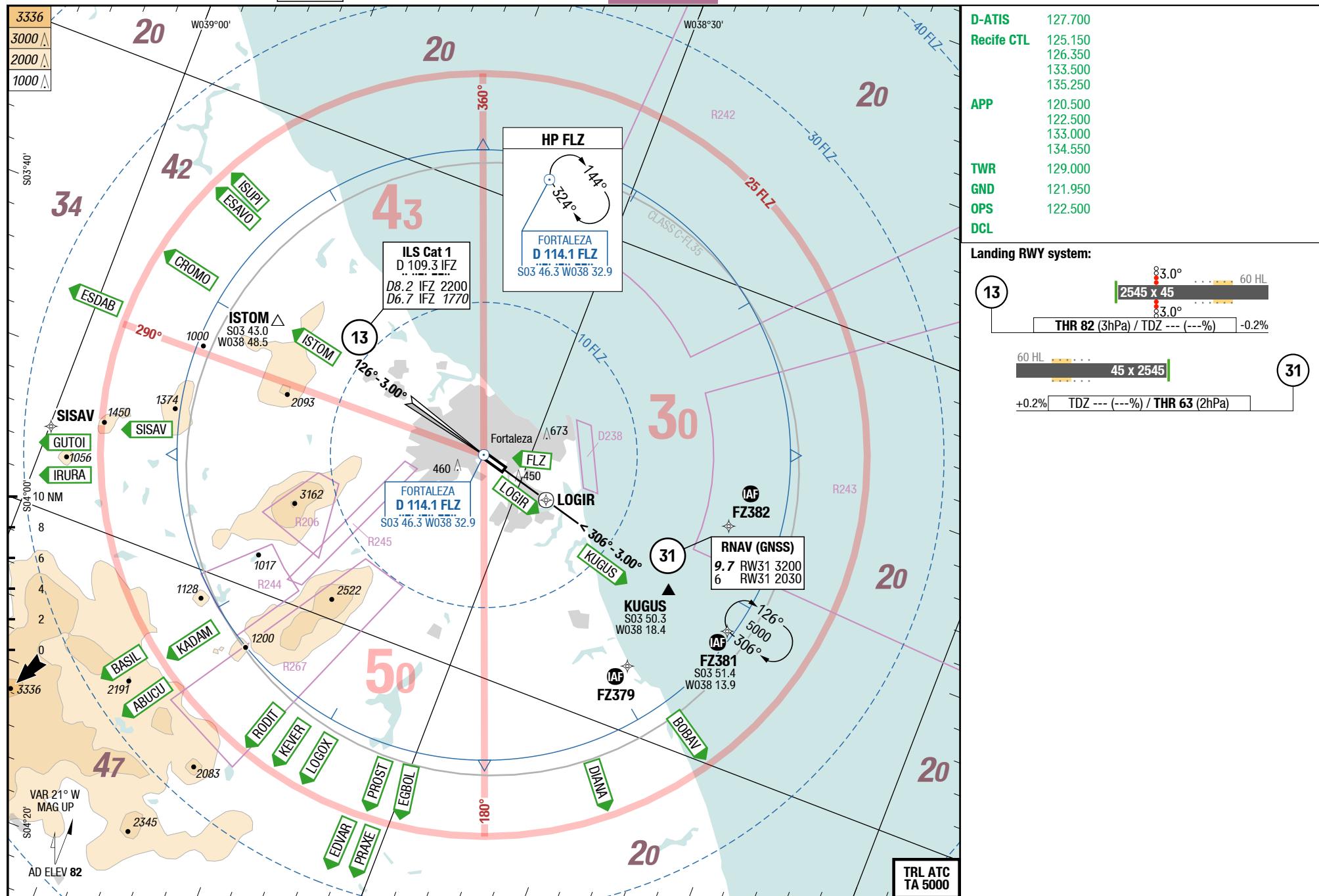
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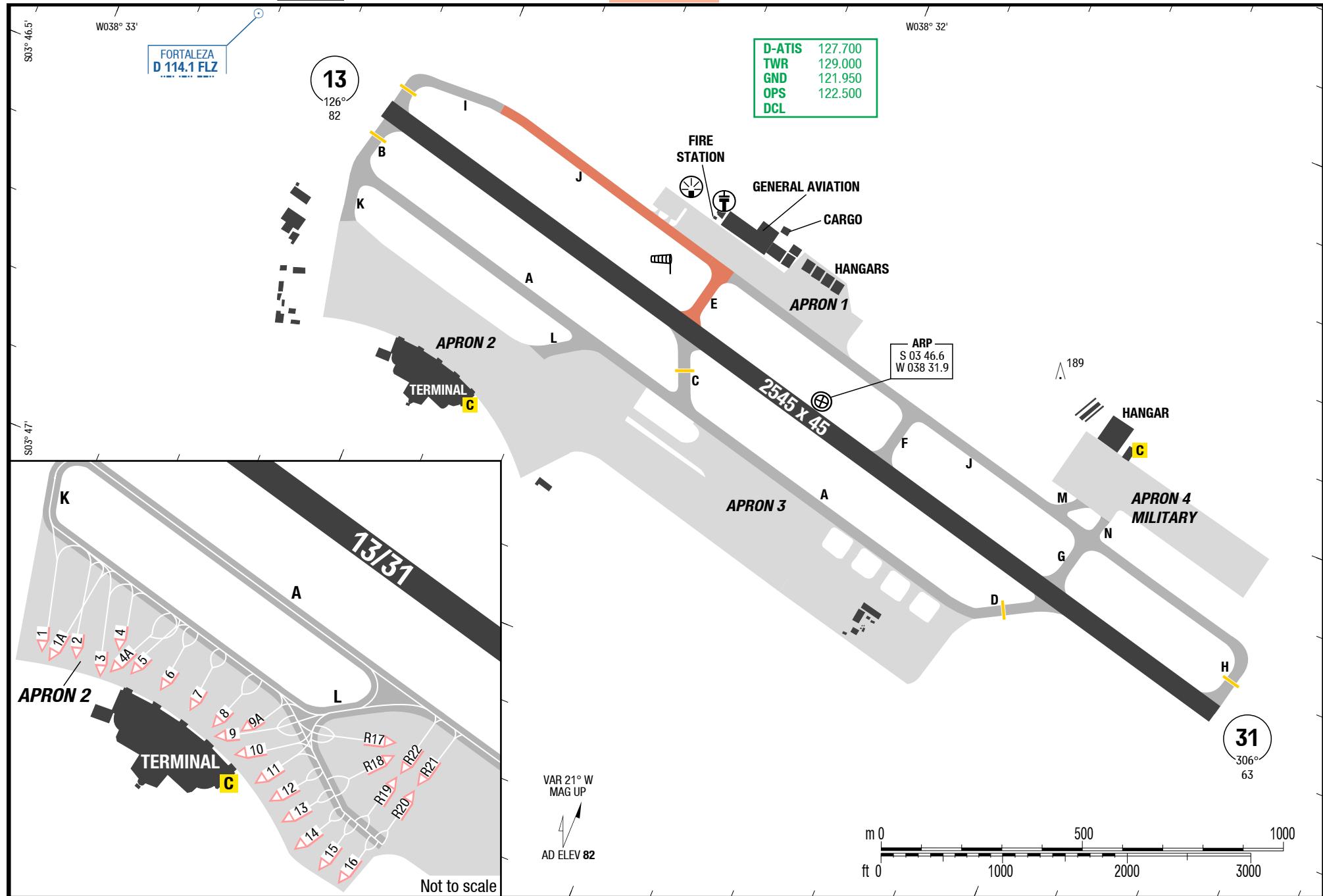
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Changes: THR ELEV

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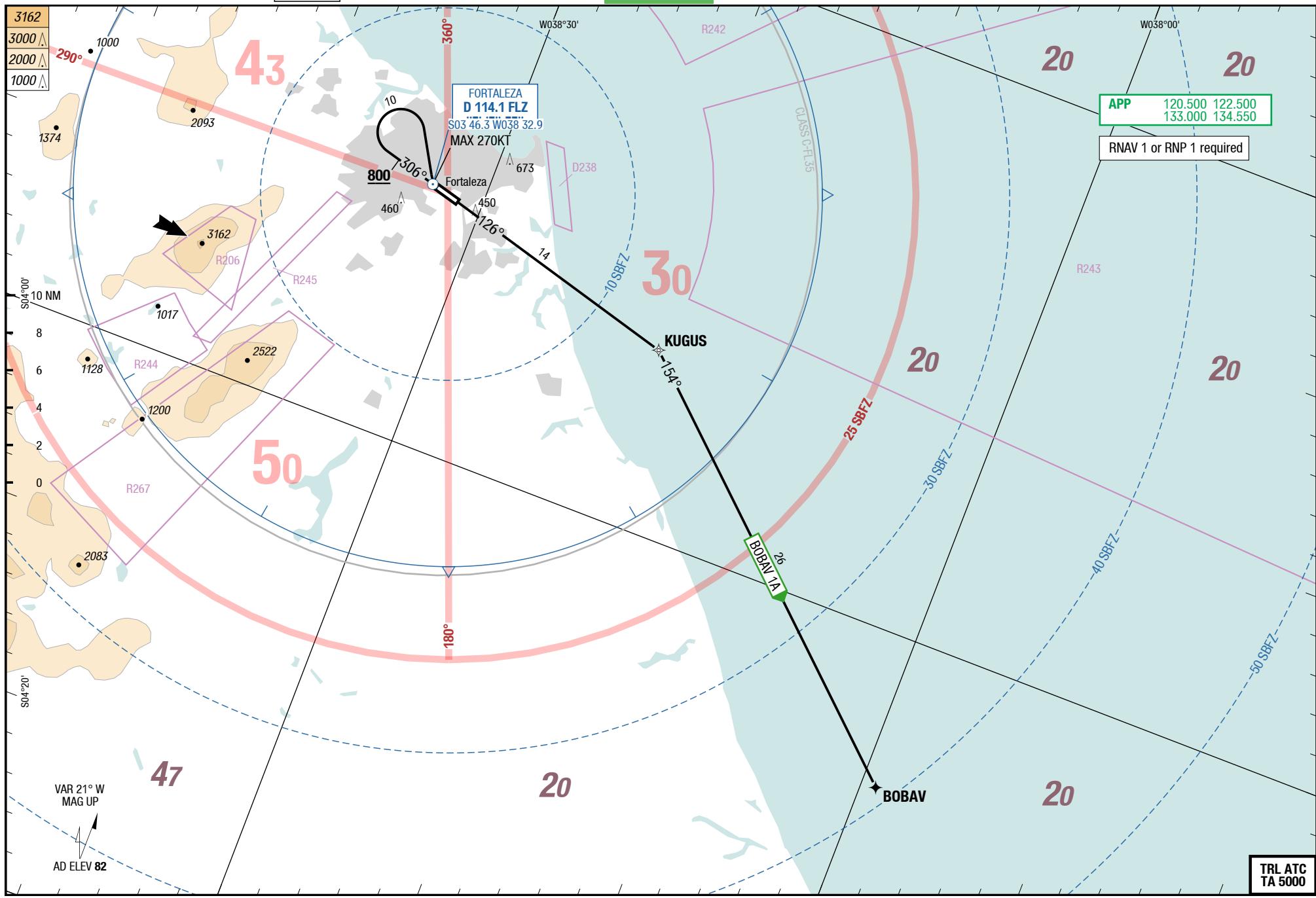
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RNAV SID BOBAV 1A

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RNAV SID BOBAV 1A



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RNAV SIDs IRURA / ISUPI

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RNAV SIDs IRURA / ISUPI

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NAV SIDs ESAVE 1A / SISAV 1A

SID

SID

APP 120.500 122.500
133.000 134.550

RNAV 1 or RNP 1 required

RNAV 1: ATS Surveillance System required

Changes: OBST

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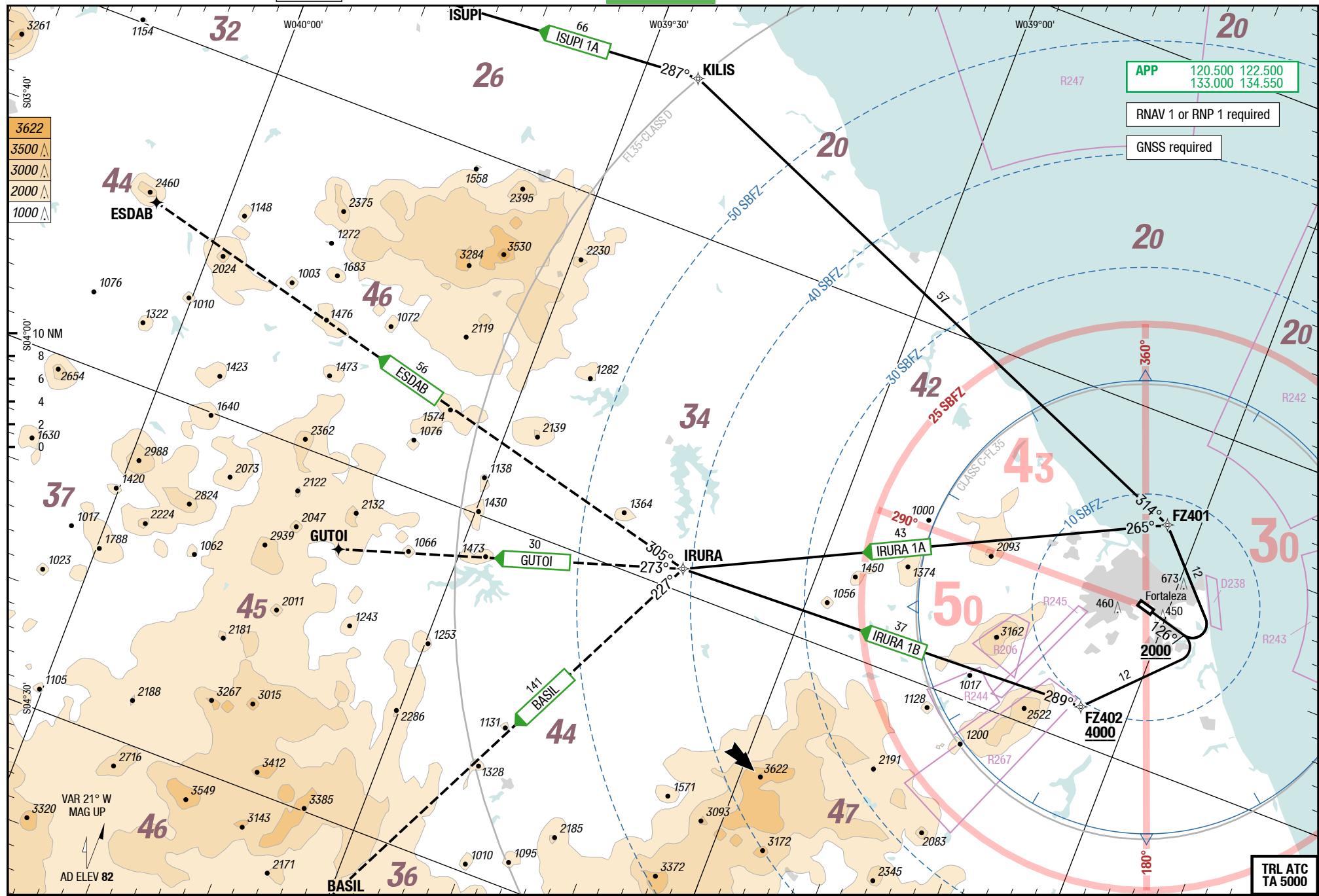
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RNAV SIDs IRURA / ISUPI

SID SID



Changes: OBST

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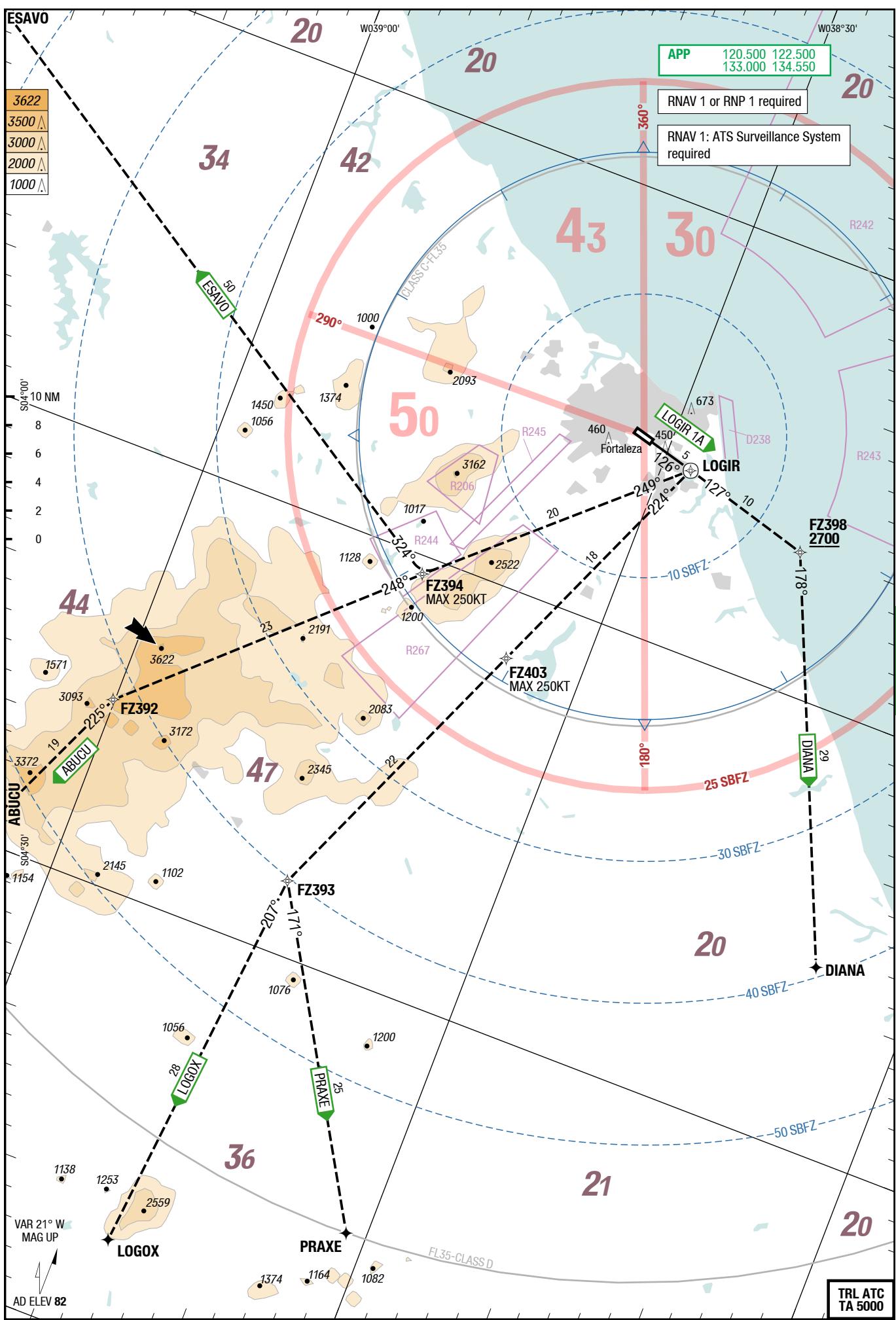
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SINCE 1908 / DMNA / ECDOL / KUICIG

RNAV SID LOGIR 1A

4-50

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RNAV SID LOGIR 1A



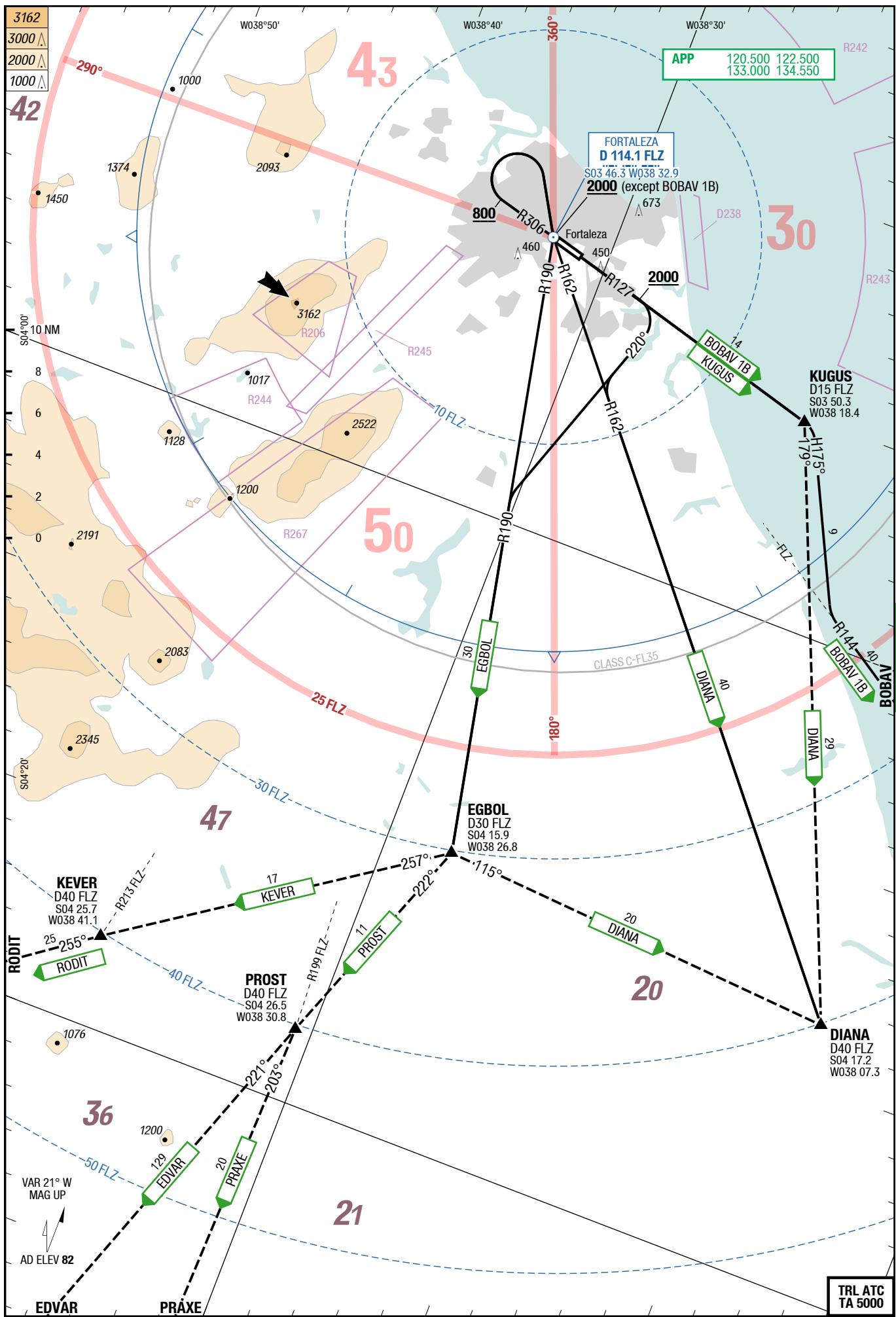
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SID

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SIDs BOBAV / DIANA / EGBOL / KUGUS



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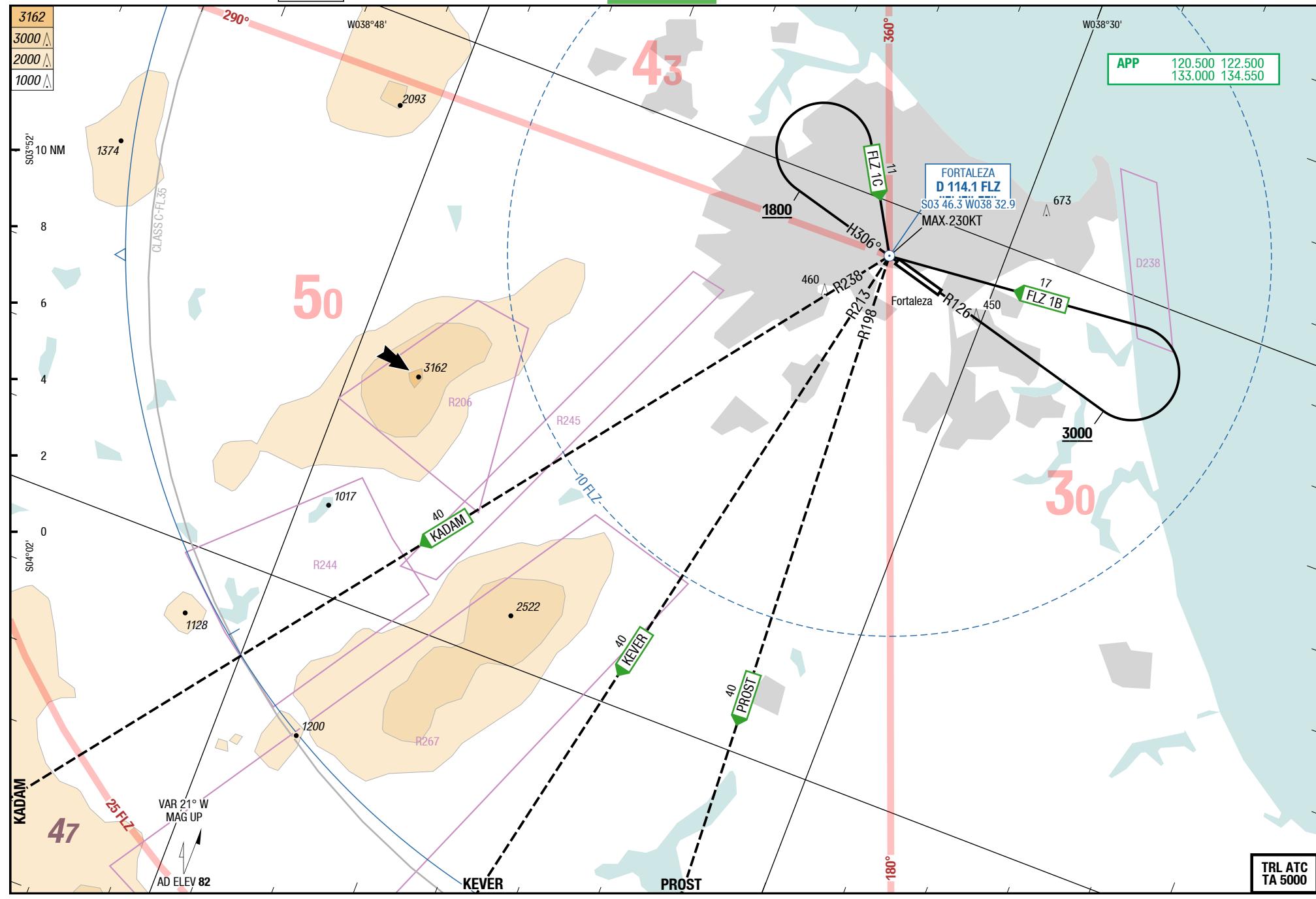
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SID FLZ 1D

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SID
SID FLZ 1D

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SIDs FLZ 1B / 1C



Changes: OBST

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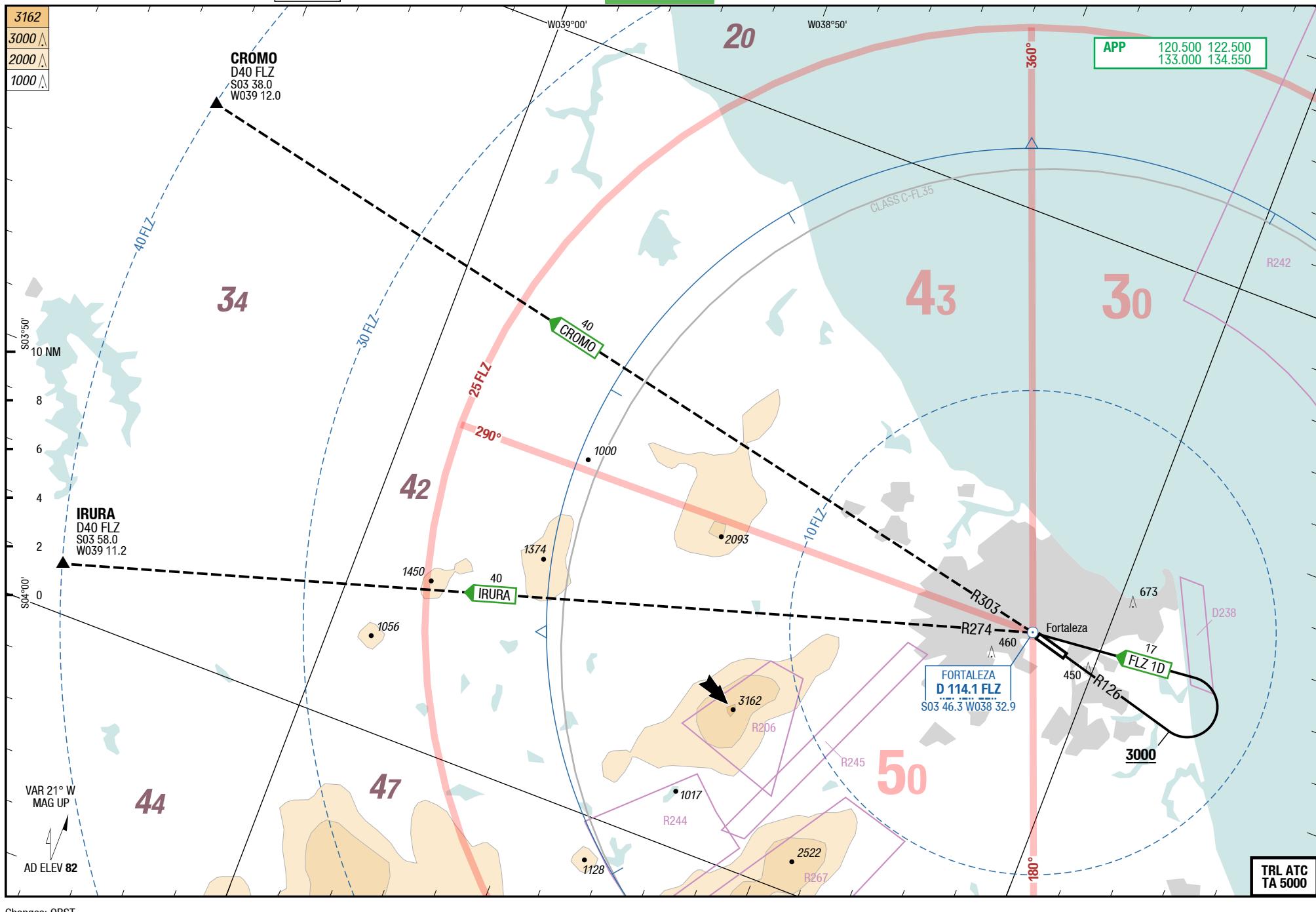
4-80

SID FLZ 1D

SID

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SID FLZ 1D



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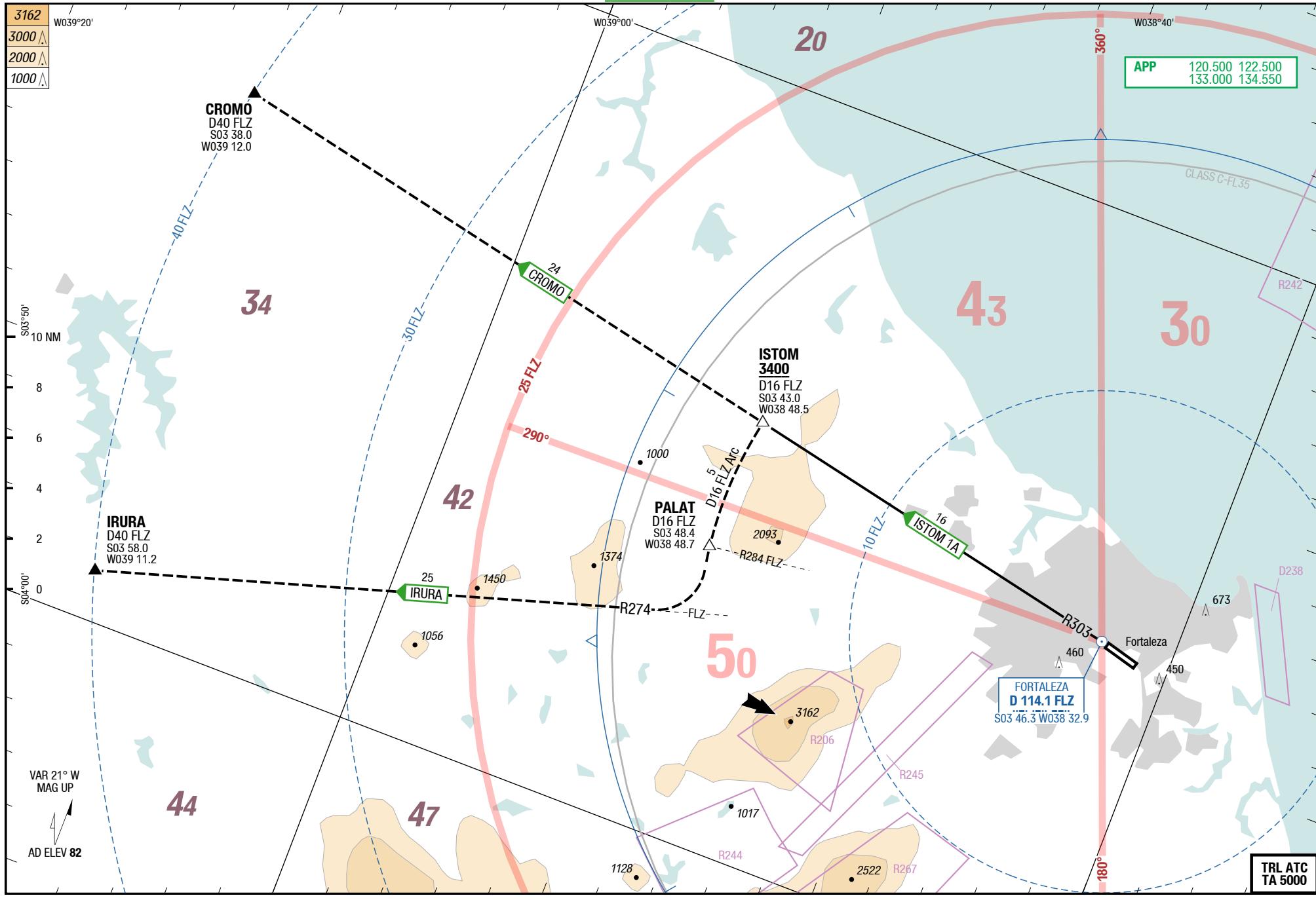
SID ISTOM 1A

SID

SID

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SID ISTOM 1A



Changes: OBST

ABUCU 1B / DIANA 1A / EDVAR 1B / PRAXE 1B

RWY 31 (306°)

	GS	120	150	180	210	240	270
5.0%	ft/MIN	700	800	1000	1100	1300	1400

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
ABUCU 1B 5.0% to 5000 120.500	FZ386 - FZ392 - ABUCU	
DIANA 1A 5.0% to 5000 120.500	FZ386 - FZ396 - DIANA	
EDVAR 1B 5.0% to 5000 120.500	FZ386 - FZ393 - EDVAR	
PRAXE 1B 5.0% to 5000 120.500	FZ386 - FZ396 - PROST - PRAXE	

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RNAV SID BOBAV 1A

SIDPT

BOBAV 1A

RWYs 13 (126°) / 31 (306°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
BOBAV 1A 120.500	KUGUS - BOBAV	
	Runway 31	
BOBAV 1A 120.500	at MNM 800 RT direct FLZ (MAX 270KT) - KUGUS - BOBAV	

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RNAV SIDs ESAVO 1A / SISAV 1A

SIDPT

EsaVO 1A / SisAV 1A

RWY 31 (306°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
EsaVO 1A 120.500	<u>URIVO - EsaVO</u>	
SisAV 1A 120.500	<u>URIVO - SisAV</u>	
	TRANSITION	
	ABUCU SisAV - ABUCU	
	EsaVO SisAV - EsaVO	
	GUTOI SisAV - GUTOI	

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IRURA 1A / IRURA 1B / ISUPI 1A

RWY 13 (126°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
IRURA 1A 120.500	at MNM 2000 LT direct FZ401 - IRURA	
	TRANSITION	
	BASIL	
	IRURA - BASIL	
	ESDAB	
	IRURA - ESDAB	
	GUTOI	
	IRURA - GUTOI	
IRURA 1B 120.500	at MNM 2000 RT direct FZ402 - IRURA	FZ402 MNM 4000
	TRANSITION	
	BASIL	
	IRURA - BASIL	
	ESDAB	
	IRURA - ESDAB	
	GUTOI	
	IRURA - GUTOI	
ISUPI 1A 120.500	at MNM 2000 LT direct FZ401 - KILIS - ISUPI	

LOGIR 1A

RWY 13 (126°)

	GS	120	150	180	210	240	270
5.2%	ft/MIN	700	800	1000	1200	1300	1500

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
LOGIR 1A 5.2% to 4000 (Transitions ABUCU and ESAVO) 120.500 ①	126° to LOGIR	
	TRANSITION	
ABUCU		
	LOGIR - FZ394 (MAX 250KT) - FZ392 - ABUCU	
DIANA		FZ398 MNM 2700
	LOGIR - FZ398 - DIANA	
ESAVO		
	LOGIR - FZ394 (MAX 250KT) - ESAVO	
LOGOX		
	LOGIR - FZ403 (MAX 250KT) - FZ393 - LOGOX	
PRAXE		
	LOGIR - FZ403 (MAX 250KT) - FZ393 - PRAXE	

① Climb gradient 5.2% above 2700ft due to R206 and R267

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SIDs BOBAV / DIANA / EGBOL / KUGUS

BOBAV 1B / DIANA / EGBOL / KUGUS

RWY 13 (126°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
BOBAV 1B 120.500	intercept R127 FLZ - at KUGUS RT HDG 175° - intercept R144 FLZ to BOBAV	
DIANA 120.500	at MNM 2000 RT intercept R162 FLZ - DIANA	
EGBOL 120.500	at MNM 2000 RT 220° intercept R190 FLZ - EGBOL	
	TRANSITION	
	DIANA EGBOL - DIANA	
	EDVAR EGBOL - PROST - EDVAR	
	KEVER EGBOL - KEVER	
	PRAXE EGBOL - PROST - PRAXE	
	PROST EGBOL - PROST	
	RODIT EGBOL - KEVER - RODIT	
KUGUS 120.500	intercept R127 FLZ - KUGUS	
	TRANSITION	
	DIANA KUGUS - DIANA	

5-70

SIDs BOBAV / DIANA / EGBOL / KUGUS

BOBAV 1B / DIANA / EGBOL / KUGUS

RWY 31 (306°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
BOBAV 1B 120.500	at MNM 800 RT direct FLZ - R127 FLZ - at KUGUS RT HDG 175° - intercept R144 FLZ to BOBAV	
DIANA 120.500	at MNM 800 RT direct FLZ - R162 FLZ to DIANA	FLZ MNM 2000
EGBOL 120.500	at MNM 800 RT direct FLZ - R190 FLZ to EGBOL	FLZ MNM 2000
	TRANSITION	
	DIANA EGBOL - DIANA	
	EDVAR EGBOL - PROST - EDVAR	
	KEVER EGBOL - KEVER	
	PRAXE EGBOL - PROST - PRAXE	
	PROST EGBOL - PROST	
	RODIT EGBOL - KEVER - RODIT	
KUGUS 120.500	at MNM 800 RT direct FLZ - R127 FLZ to KUGUS	FLZ MNM 2000
	TRANSITION	
	DIANA KUGUS - DIANA	

FOR-SBFZ**5-80****SIDs FLZ 1B / 1C**

SIDPT

FORTALEZA 1B / FORTALEZA 1C

RWYs 13 (126°) / 31 (306°)

	GS	120	150	180	210	240	270
3.6%	ft/MIN	500	600	700	800	900	1000
5.7%	ft/MIN	700	900	1100	1300	1400	1600

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
FORTALEZA 1B FLZ 1B 3.6% to 4000 (Transitions KEVER and PROST) 120.500 ①	at MNM 3000 LT direct FLZ (MAX 230KT) TRANSITION KADAM FLZ (MAX 230KT) - R238 FLZ to KADAM KEVER FLZ (MAX 230KT) - R213 FLZ to KEVER PROST FLZ (MAX 230KT) - R198 FLZ to PROST	
	Runway 31	
FORTALEZA 1C FLZ 1C 5.7% to 4000 (Transitions KADAM and KEVER) 120.500 ②	at MNM 1800 RT direct FLZ (MAX 230KT) TRANSITION KADAM FLZ (MAX 230KT) - R238 FLZ to KADAM KEVER FLZ (MAX 230KT) - R213 FLZ to KEVER PROST FLZ (MAX 230KT) - R198 FLZ to PROST	

① Climb gradient 3.6% due to R267

② Climb gradient 5.7% due to R206 and R267

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SID FLZ 1D

SIDPT

FORTALEZA 1D

RWY 13 (126°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 13	
FORTALEZA 1D FLZ 1D 120.500	at MNM 3000 LT direct FLZ	
	TRANSITION	
	CROMO	
	FLZ - R303 FLZ to CROMO	
	IRURA	
	FLZ - R274 FLZ to IRURA	

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SID ISTOM 1A

SIDPT

ISTOM 1A

RWY 31 (306°)

DESIGNATOR	ROUTING	ALTITUDES
	Runway 31	
ISTOM 1A 120.500	intercept R303 FLZ to ISTOM	ISTOM MNM 3400
	TRANSITION	
	CROMO ISTOM - continue R303 FLZ to CROMO	ISTOM MNM 3400
	IRURA ISTOM - LT follow D16 FLZ Arc to PALAT - RT intercept R274 FLZ to IRURA	ISTOM MNM 3400

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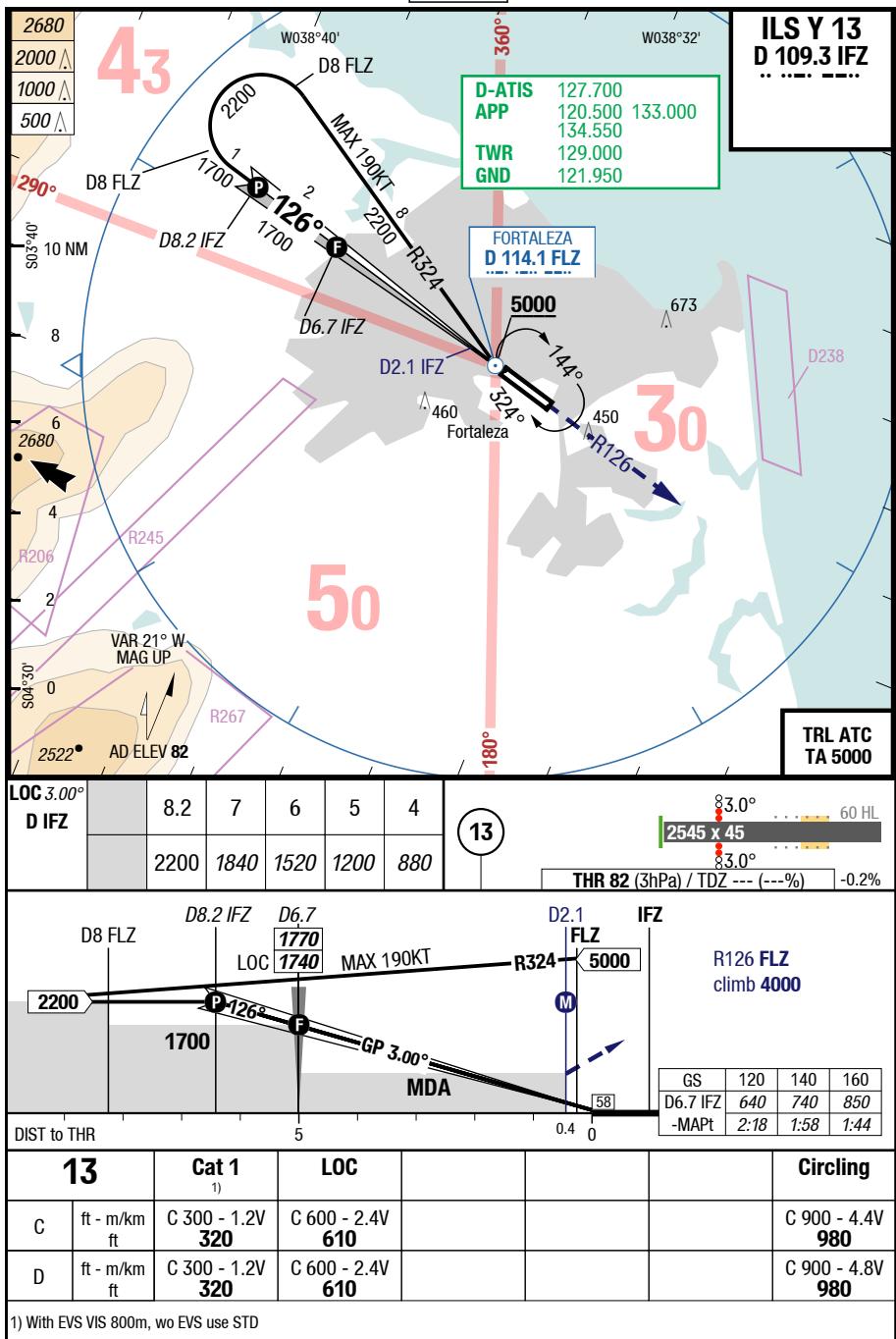
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7-10

ILS Y 13



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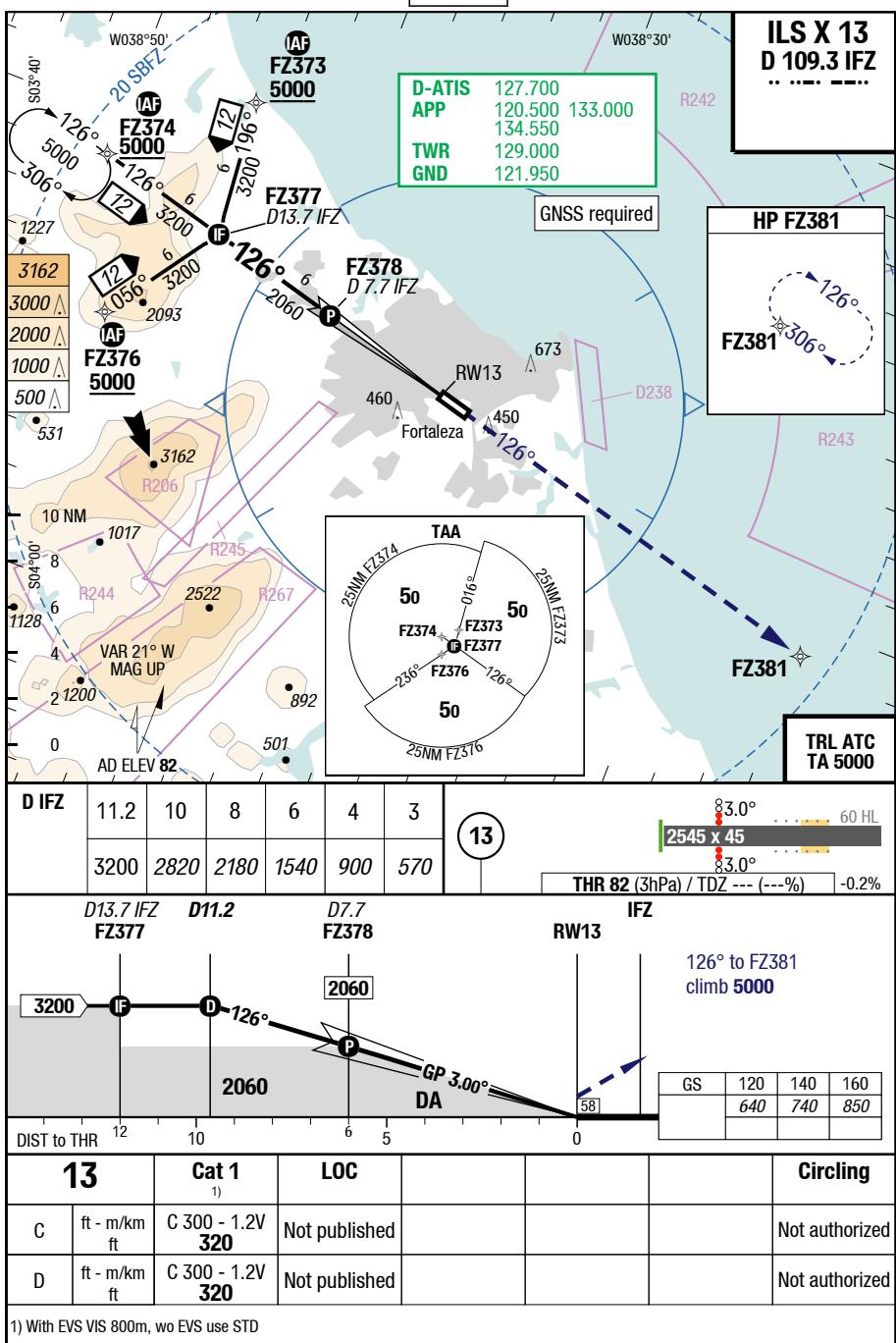
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7-20

ILS X 13



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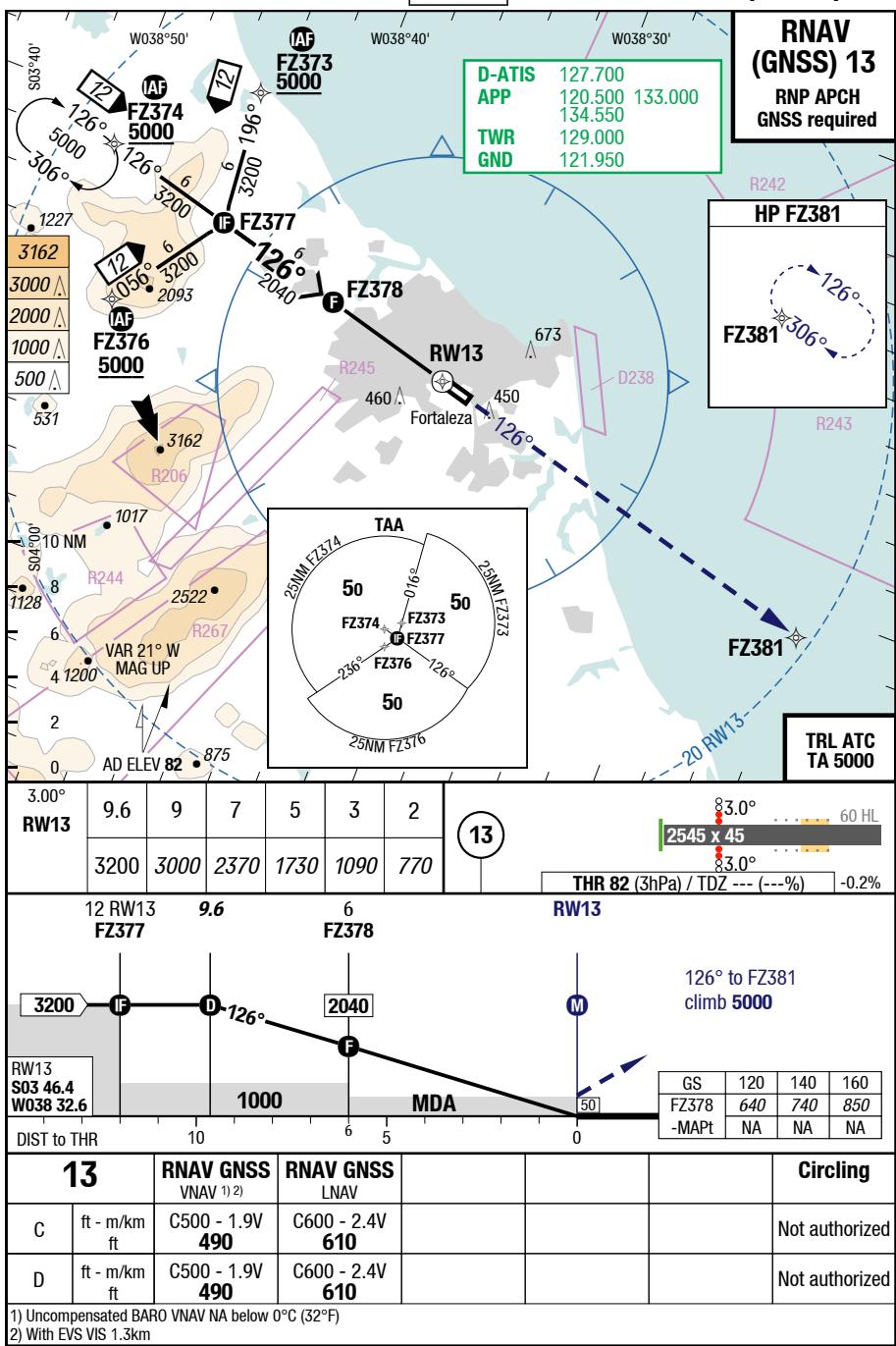
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7-30

RNAV (GNSS) 13

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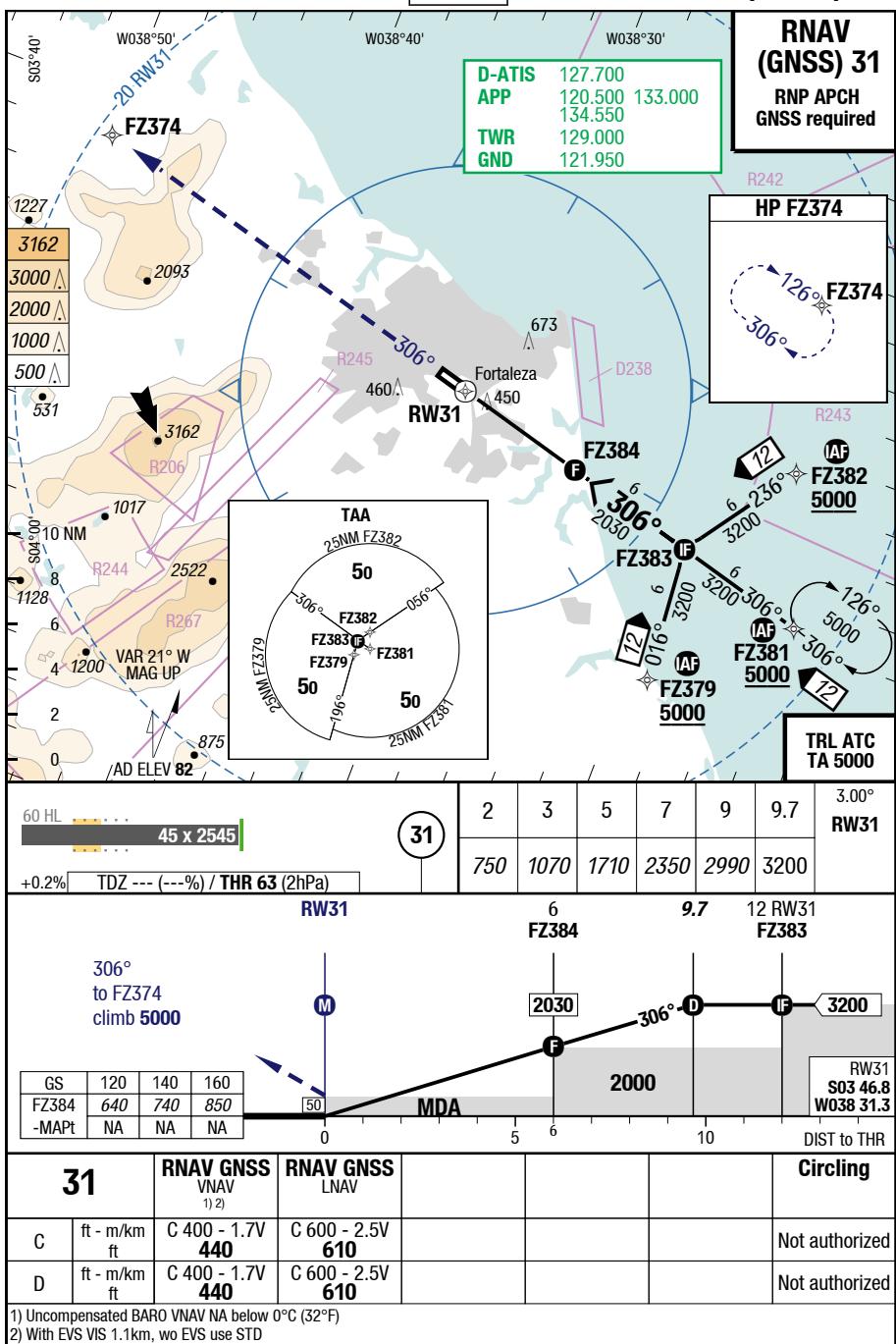


Changes: APL, OBST

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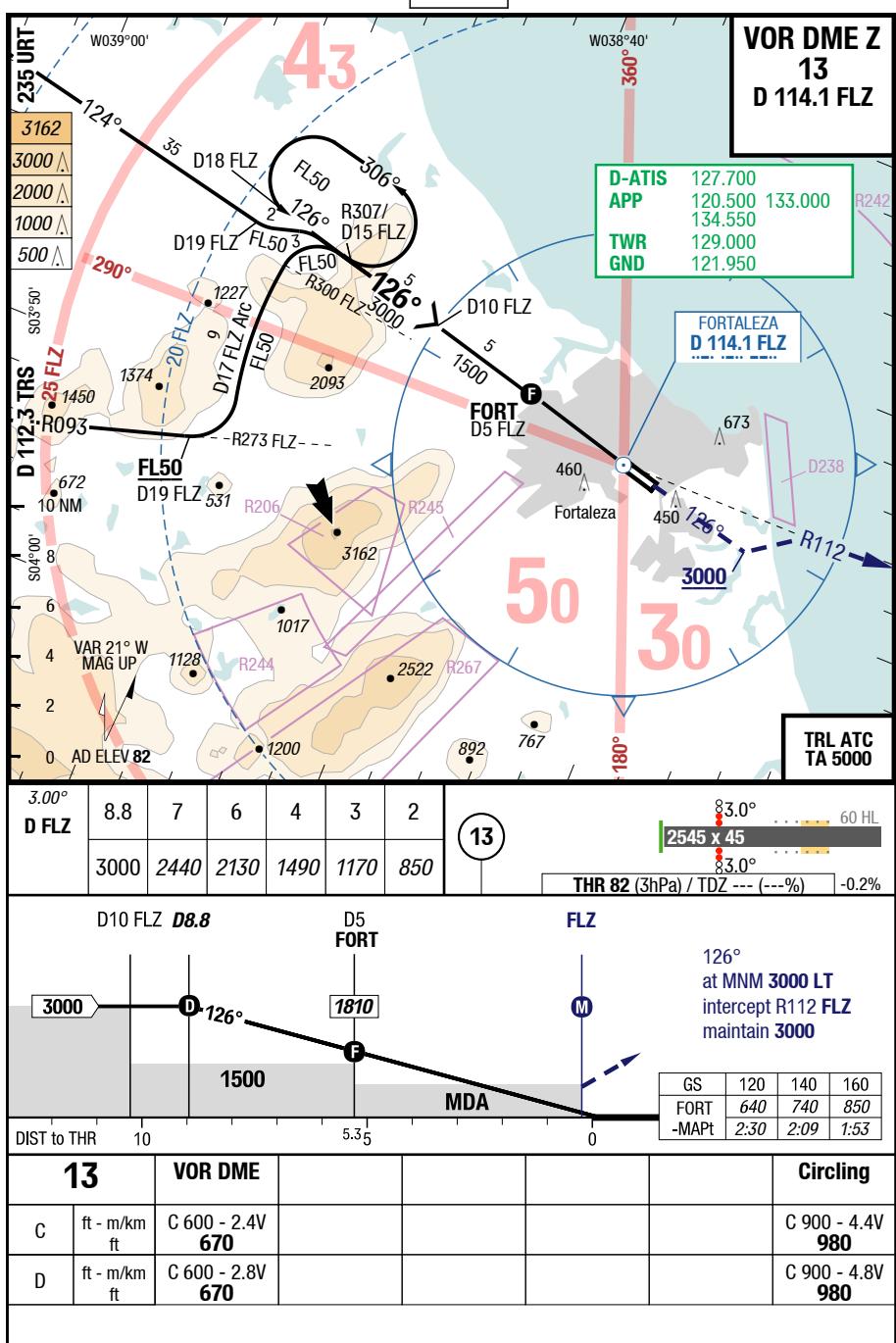
RNAV (GNSS) 31



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VOR DME Z 13



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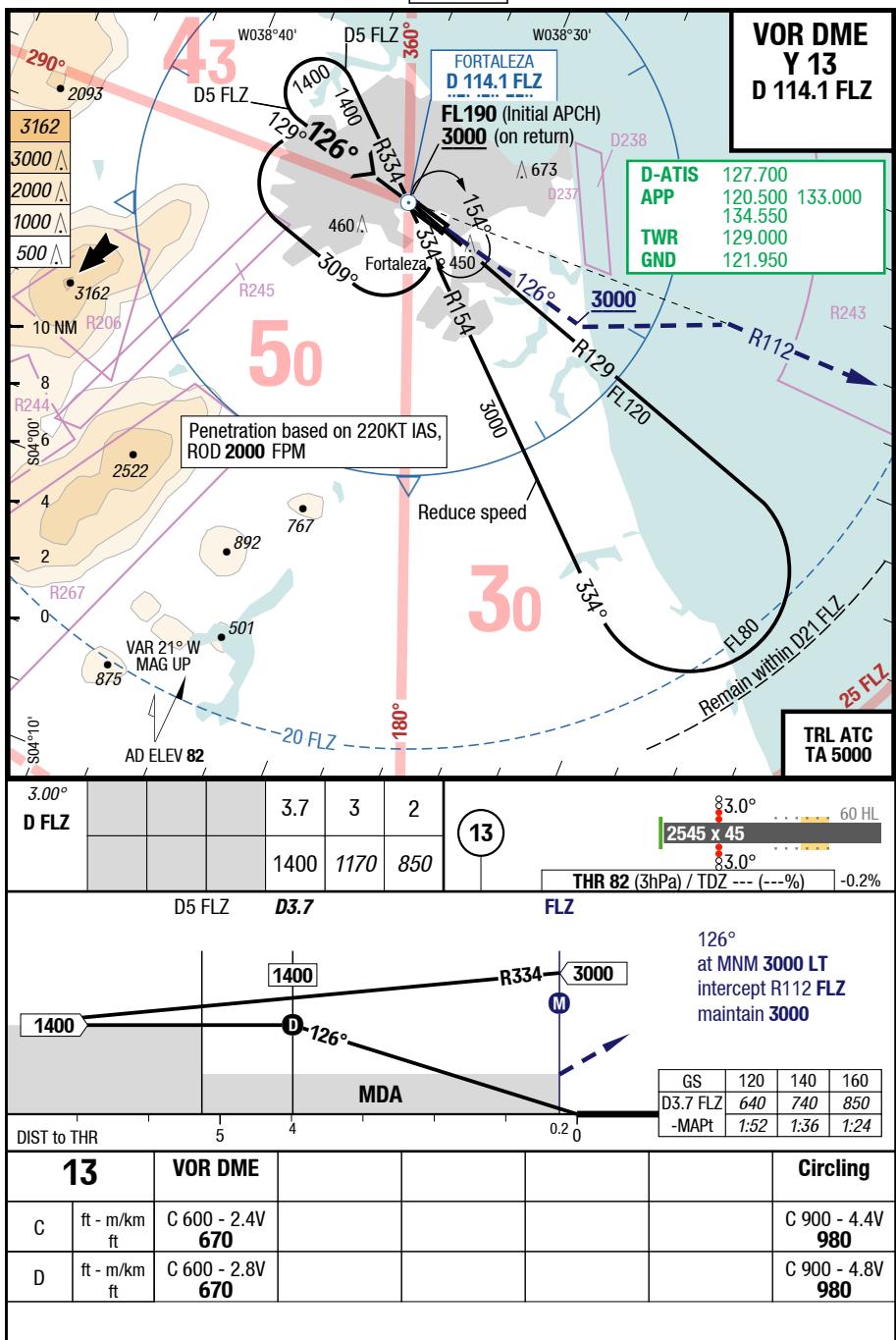
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VOR DME Y 13



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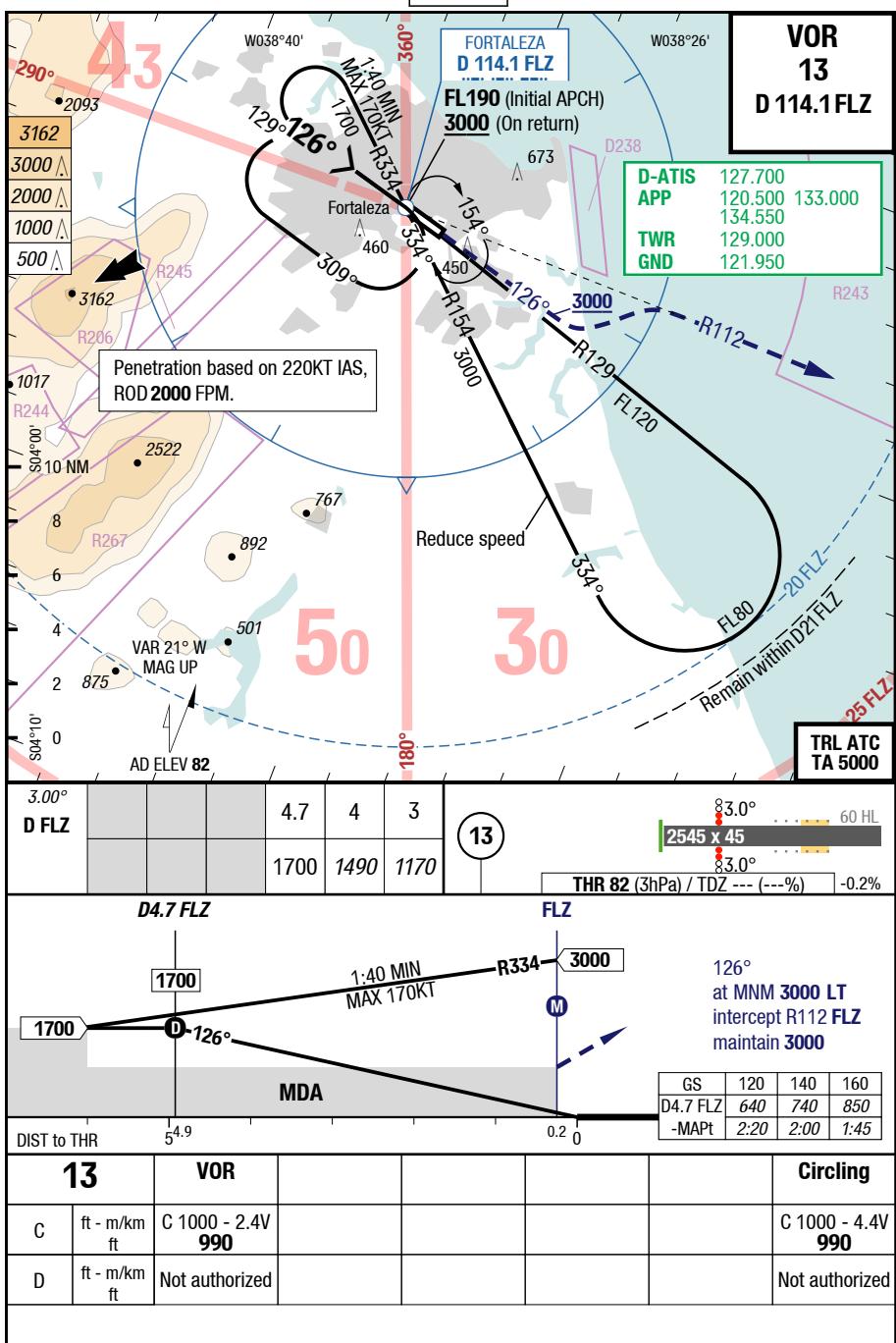
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VOR 13

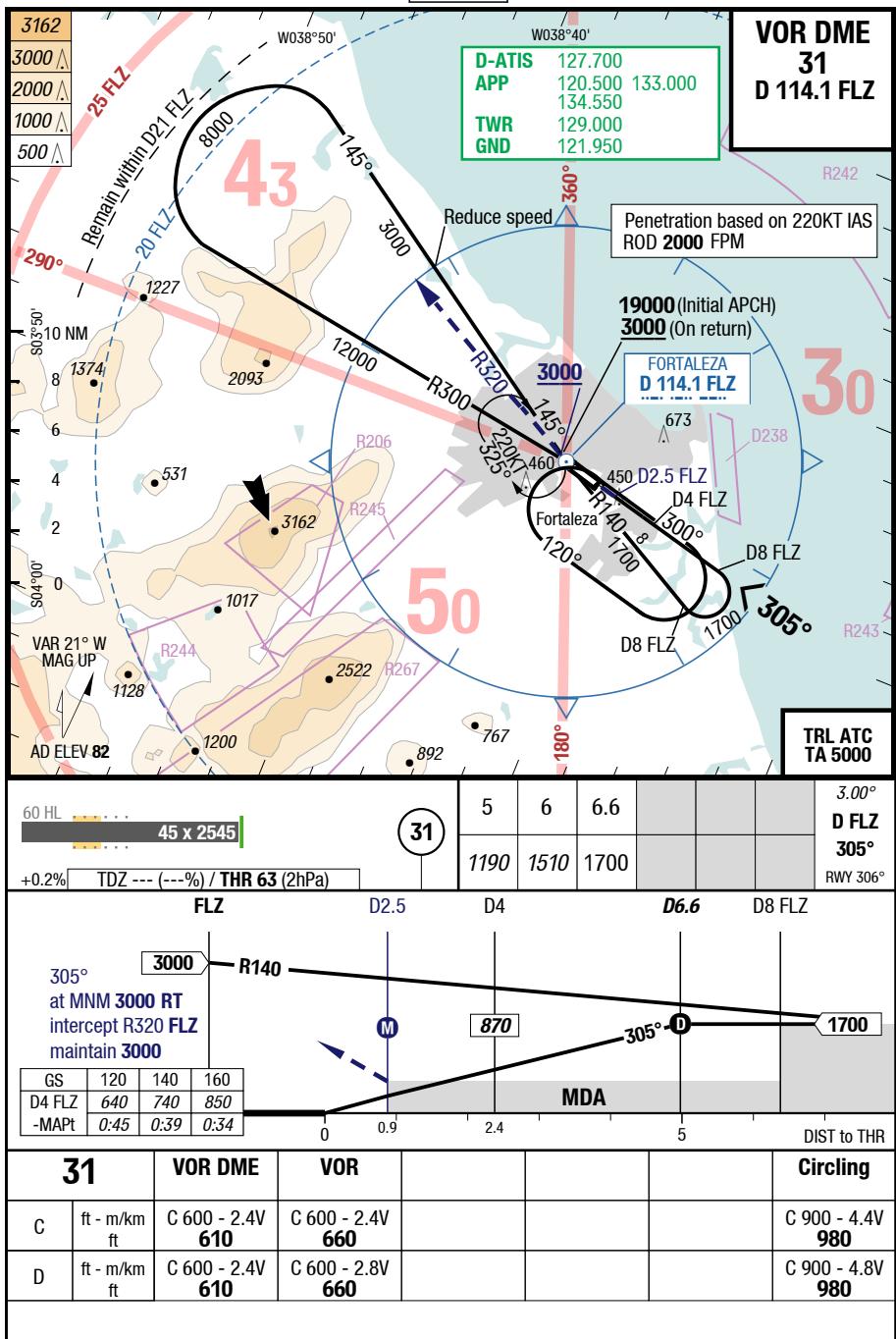


Changes: APL, OBST

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VOR DME 31



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VOR 31

