

KSH-OICC

1-10

AOI

AOI

GENERAL

Operational Hours

ATS Hours: H24

AD ADMIN Hours: 0330-1200‡

Airport Information

RFF: CAT 7

PCN: RWY 11/29: 65/F/C/X/T

Customs: O/R

Warnings

KMS VOR/DME unusable counter clockwise direction:

R320-R310 beyond 20NM below 10000ft

R230-R210 beyond 20NM below 10000ft

R110-R070 beyond 20NM below 10000ft

R310-R230 beyond 25NM below 9000ft

R210-R180 beyond 25NM below 12000ft

Strolling dog observed on the movement area.

Birds in vicinity of AD.

Arrival Procedure

VFR Traffic Pattern

- For heavy ACFT 6000ft.
- For other ACFT 5500ft.

DEPARTURE

Take-off Minima

RWY		11/29	
All ACFT	ft - m/km	0 - 400V	HJ only
		0 - 800V	HN

Departure Procedure

Start-up: Clearance should be REQ 5-10min prior to start-up

De-Icing

AVBL O/R

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22-MAR-2018

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AGC

AFC

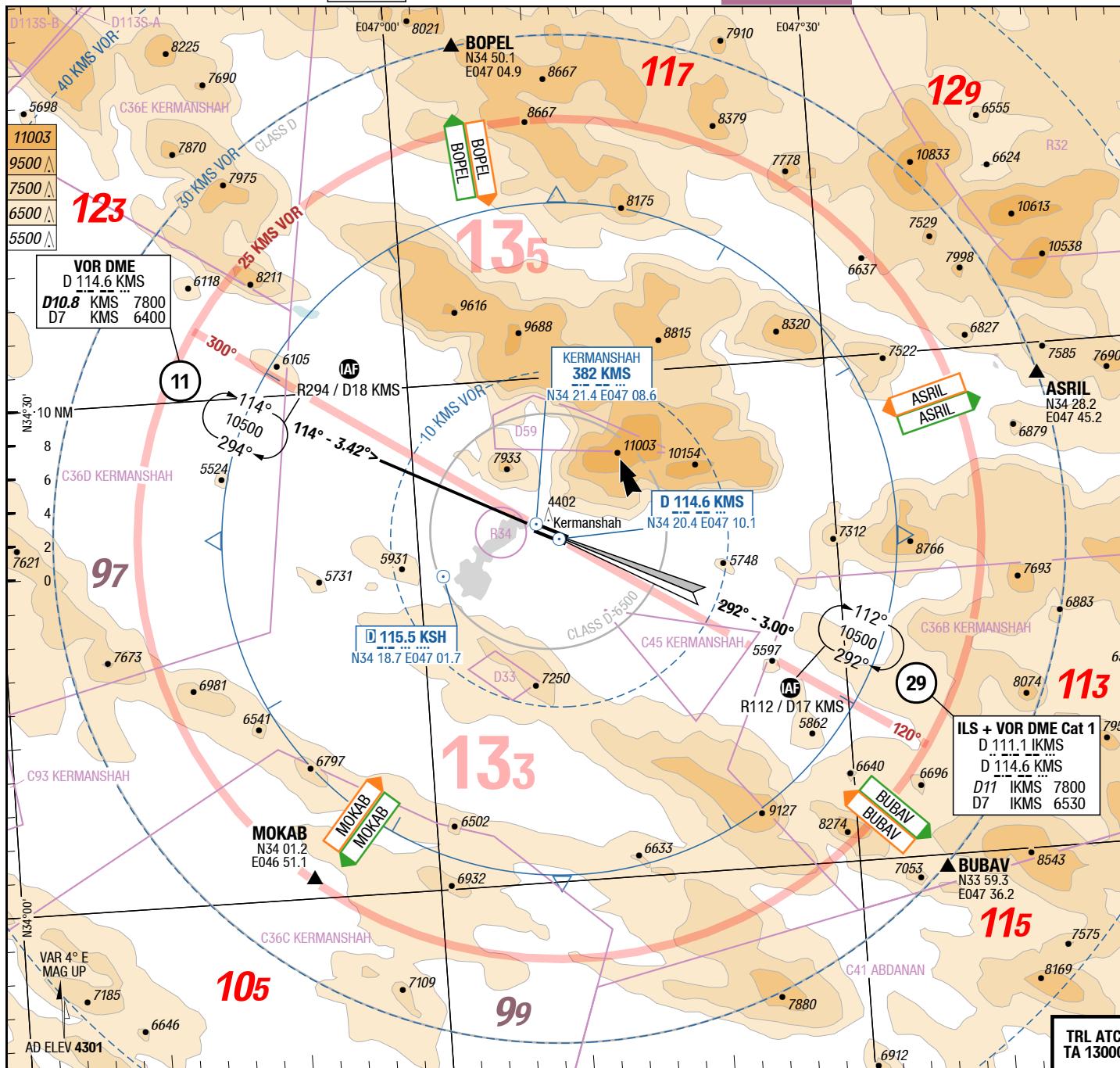
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AGC

AFC

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ATIS 126.80

TWR 122.450 AF

121.900

Landing RWY system:

1

..... 60 Hz

THR 4299 (146hPa) / TDZ 4299 (---%) 0.0%

60 HL 45 x 3220 | 3.0% 813 0.0% TDZ 4301 (---%) / THR 4301 (146hPa) HL-P1

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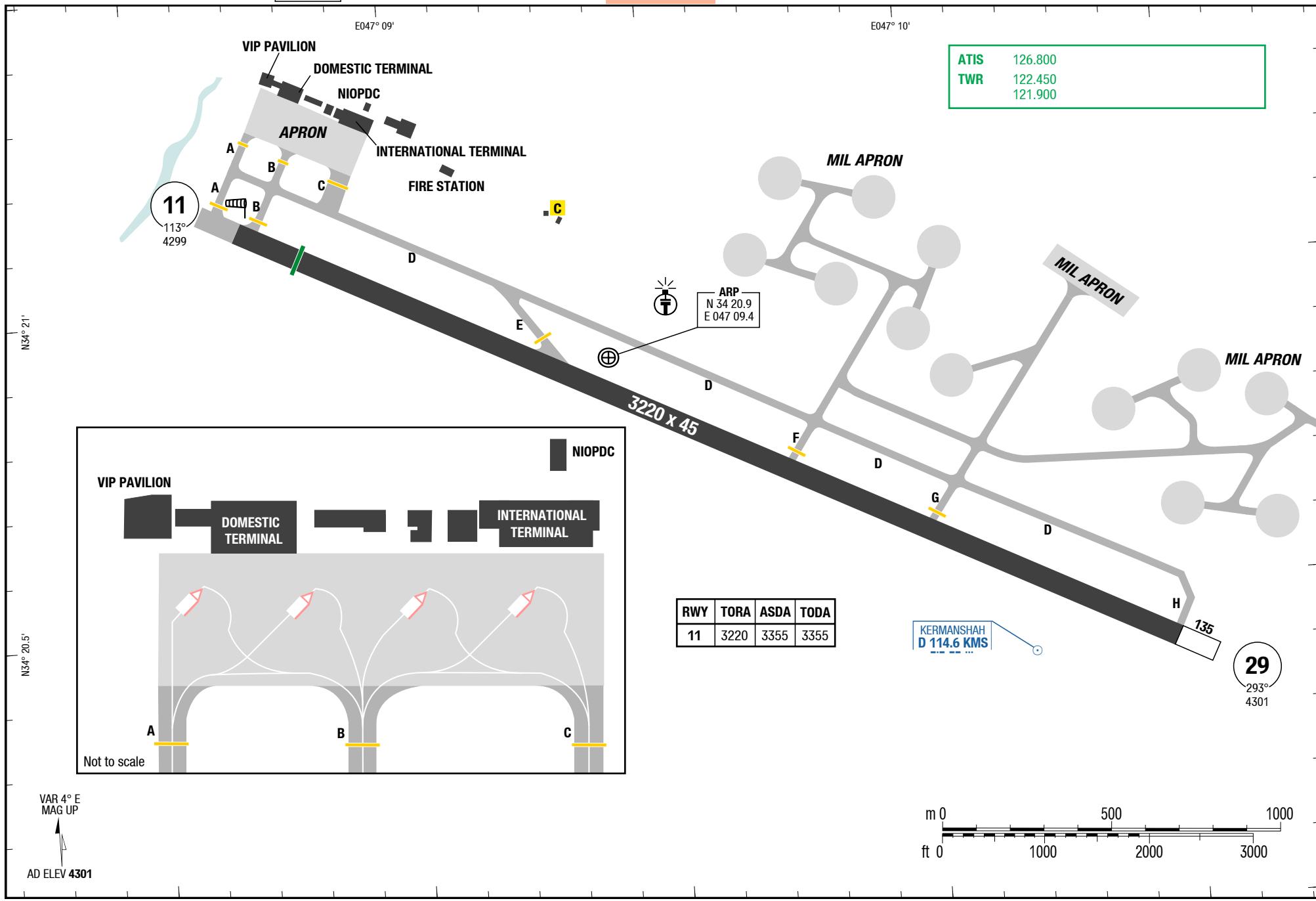
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AGC

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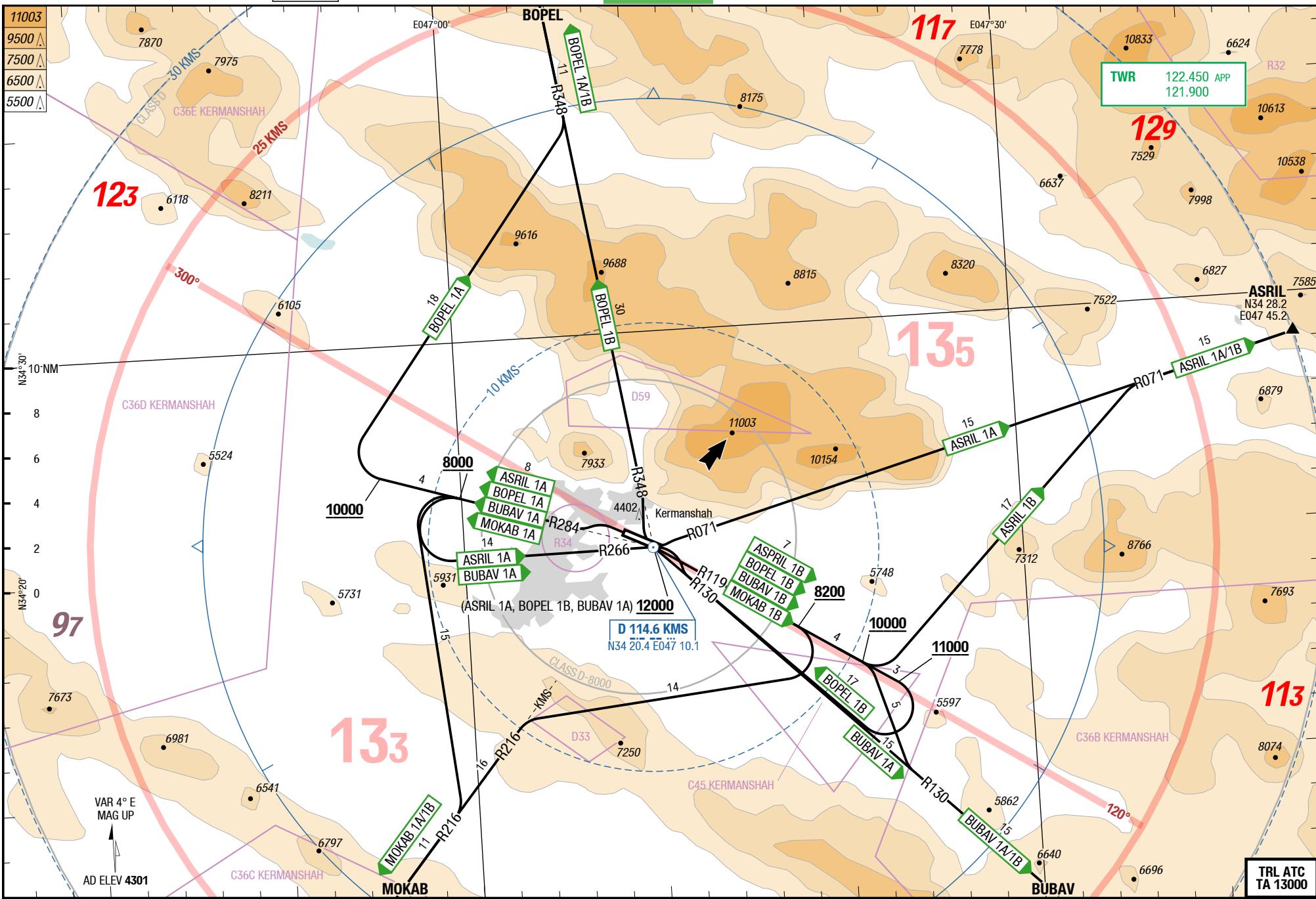
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SIDs NDB
SID
SIDs VOR

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SIDs NDB
SID
SIDs VOR

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Changes: FREQ, OBST

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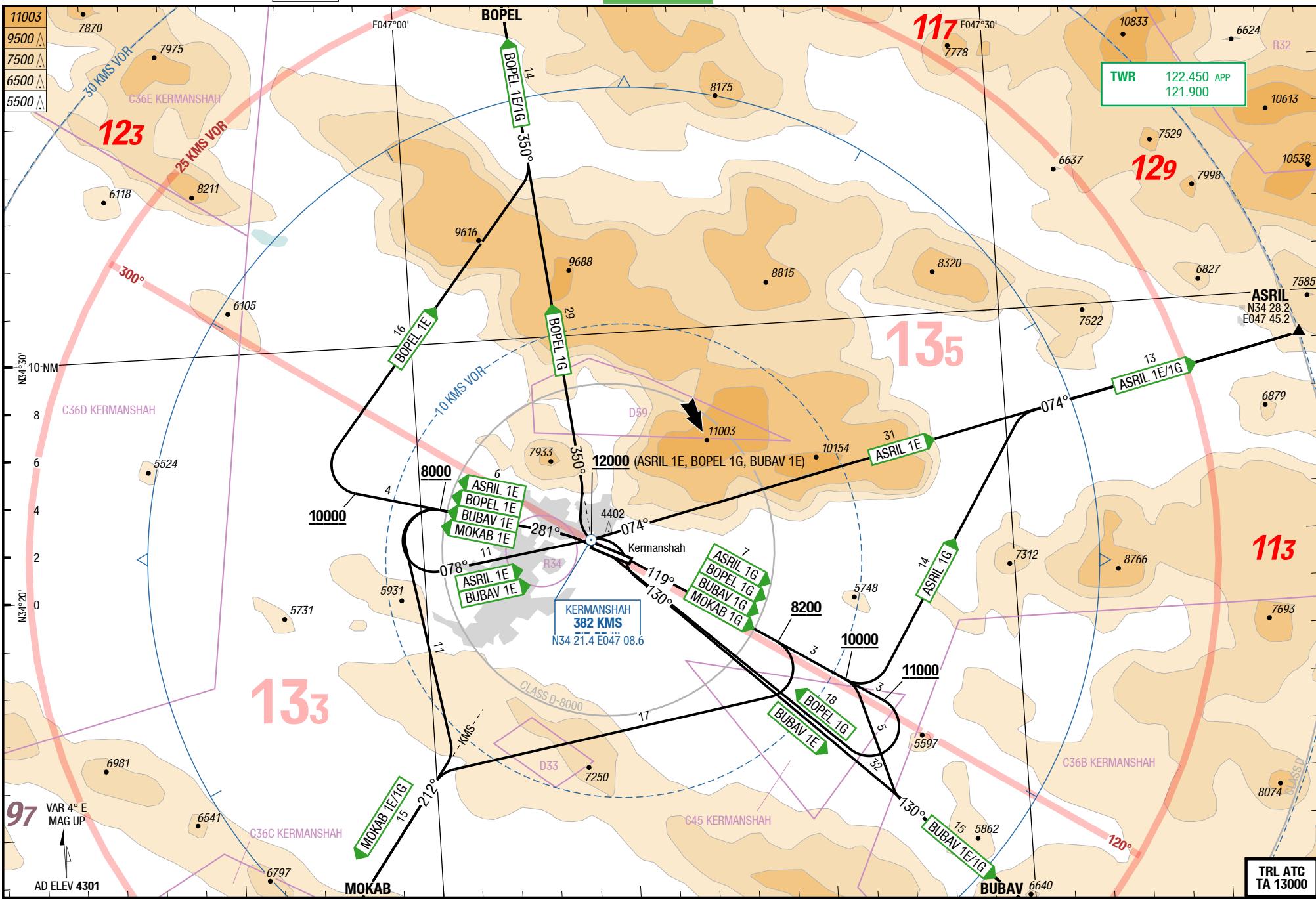
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4-20

SIDs NDB

SID

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Changes: FREQ, OBST

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SIDs VOR

ASRIL 1B / BOPEL 1B / BUBAV 1B / MOKAB 1B / ASRIL 1A / BOPEL 1A / BUBAV 1A / MOKAB 1A

RWYs 11 (113°) / 29 (293°)

	GS	120	150	180	210	240	270
4.2%	ft/MIN	600	700	800	900	1100	1200
5.0%	ft/MIN	700	800	1000	1100	1300	1400
5.1%	ft/MIN	700	800	1000	1100	1300	1400
5.8%	ft/MIN	800	900	1100	1300	1500	1600
6.3%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
Runway 11		
ASRIL 1B 5.0% 122.450	RT intercept R119 KMS - at MNM 10000 LT intercept R071 KMS to ASRIL	
BOPEL 1B 5.8% to 11000 122.450	RT intercept R119 KMS - at MNM 11000 RT direct KMS - R348 KMS to BOPEL	KMS MNM 12000
BUBAV 1B 6.3% 122.450	RT intercept R119 KMS - at MNM 10000 RT intercept R130 KMS to BUBAV	
MOKAB 1B 5.1% to 8200 122.450	RT intercept R119 KMS - at MNM 8200 RT intercept R216 KMS to MOKAB	
Runway 29		
ASRIL 1A 122.450	LT intercept R284 KMS - at MNM 8000 LT intercept R266 KMS to KMS - R071 KMS to ASRIL	KMS MNM 12000
BOPEL 1A 4.2% 122.450	LT intercept R284 KMS - at MNM 10000 RT intercept R348 KMS to BOPEL	
BUBAV 1A 122.450	LT intercept R284 KMS - at MNM 8000 LT intercept R266 KMS to KMS - RT intercept R130 KMS to BUBAV	KMS MNM 12000
MOKAB 1A 4.2% 122.450	LT intercept R284 KMS - at MNM 8000 LT intercept R216 KMS to MOKAB	

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SIDs NDB

SIDPT

ASRIL 1G / BOPEL 1G / BUBAV 1G / MOKAB 1G / ASRIL 1E / BOPEL 1E / BUBAV 1E / MOKAB 1E

RWYs 11 (113°) / 29 (293°)

	GS	120	150	180	210	240	270
4.2%	ft/MIN	600	700	800	900	1100	1200
5.0%	ft/MIN	700	800	1000	1100	1300	1400
5.1%	ft/MIN	700	800	1000	1100	1300	1400
5.8%	ft/MIN	800	900	1100	1300	1500	1600
6.3%	ft/MIN	800	1000	1200	1400	1600	1800

DESIGNATOR	ROUTING	ALTITUDES
Runway 11		
ASRIL 1G 5.0% 122.450	RT 119° - at MNM 10000 LT intercept QDR 074° KMS to ASRIL	
BOPEL 1G 5.8% to 11000 122.450	RT 119°- at MNM 11000 RT direct KMS - intercept QDR 350° KMS to BOPEL	KMS MNM 12000
BUBAV 1G 6.3% 122.450	RT 119° - at MNM 10000 RT intercept QDR 130° KMS to BUBAV	
MOKAB 1G 5.1% to 8200 122.450	RT 119° - at MNM 8200 RT intercept QDR 212° KMS to MOKAB	
Runway 29		
ASRIL 1E 122.450	LT 281° - at MNM 8000 LT intercept QDM 078° KMS to KMS - intercept QDR 074° KMS to ASRIL	KMS MNM 12000
BOPEL 1E 4.2% 122.450	LT 281° - at MNM 10000 RT intercept QDR 350° KMS to BOPEL	
BUBAV 1E 122.450	LT 281° - at MNM 8000 LT intercept QDM 078° KMS to KMS - RT intercept QDR 130° KMS to BUBAV	KMS MNM 12000
MOKAB 1E 4.2% 122.450	LT 281° - at MNM 8000 LT intercept QDR 212° KMS to MOKAB	

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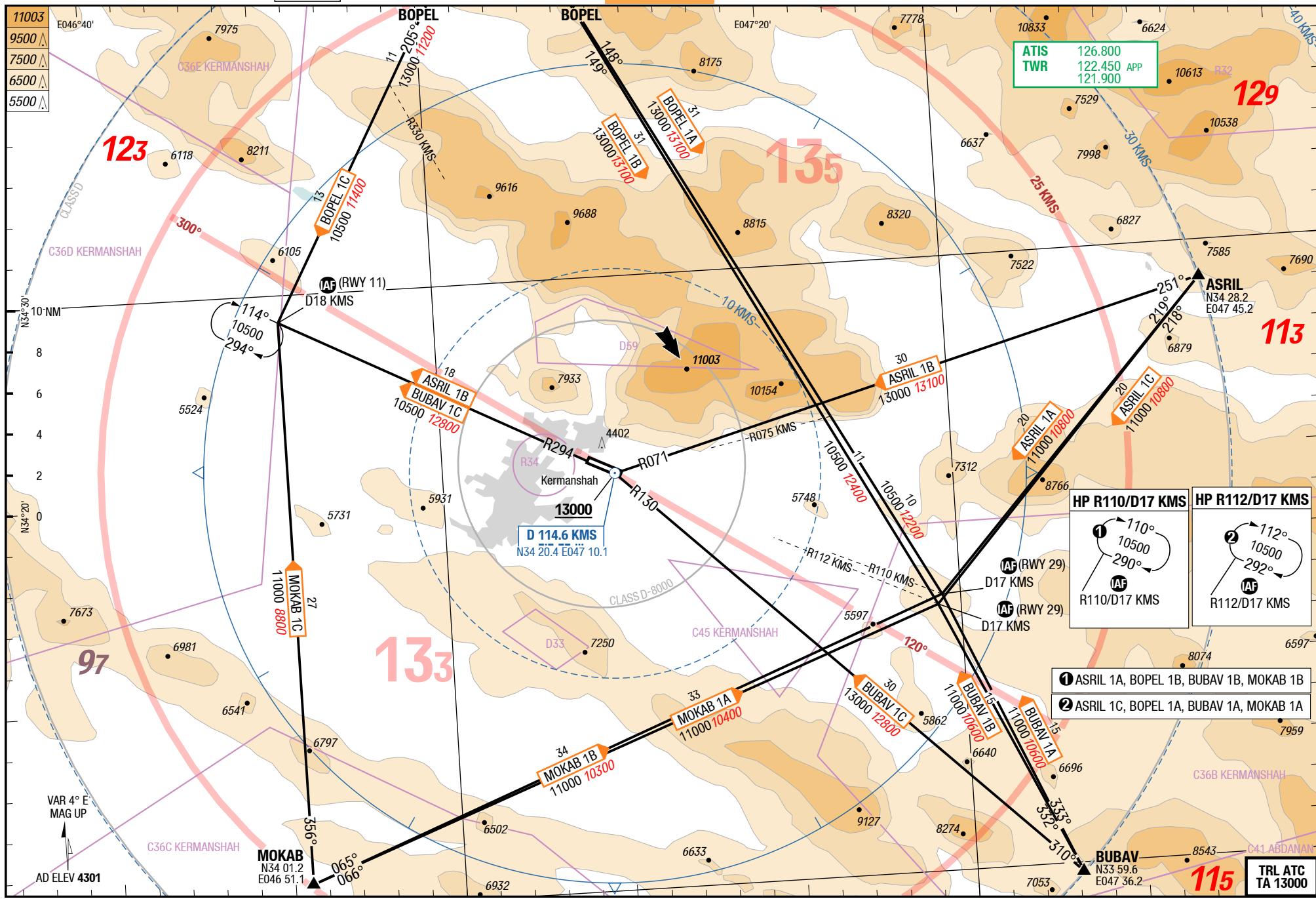
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STARs VOR

STARs VOR



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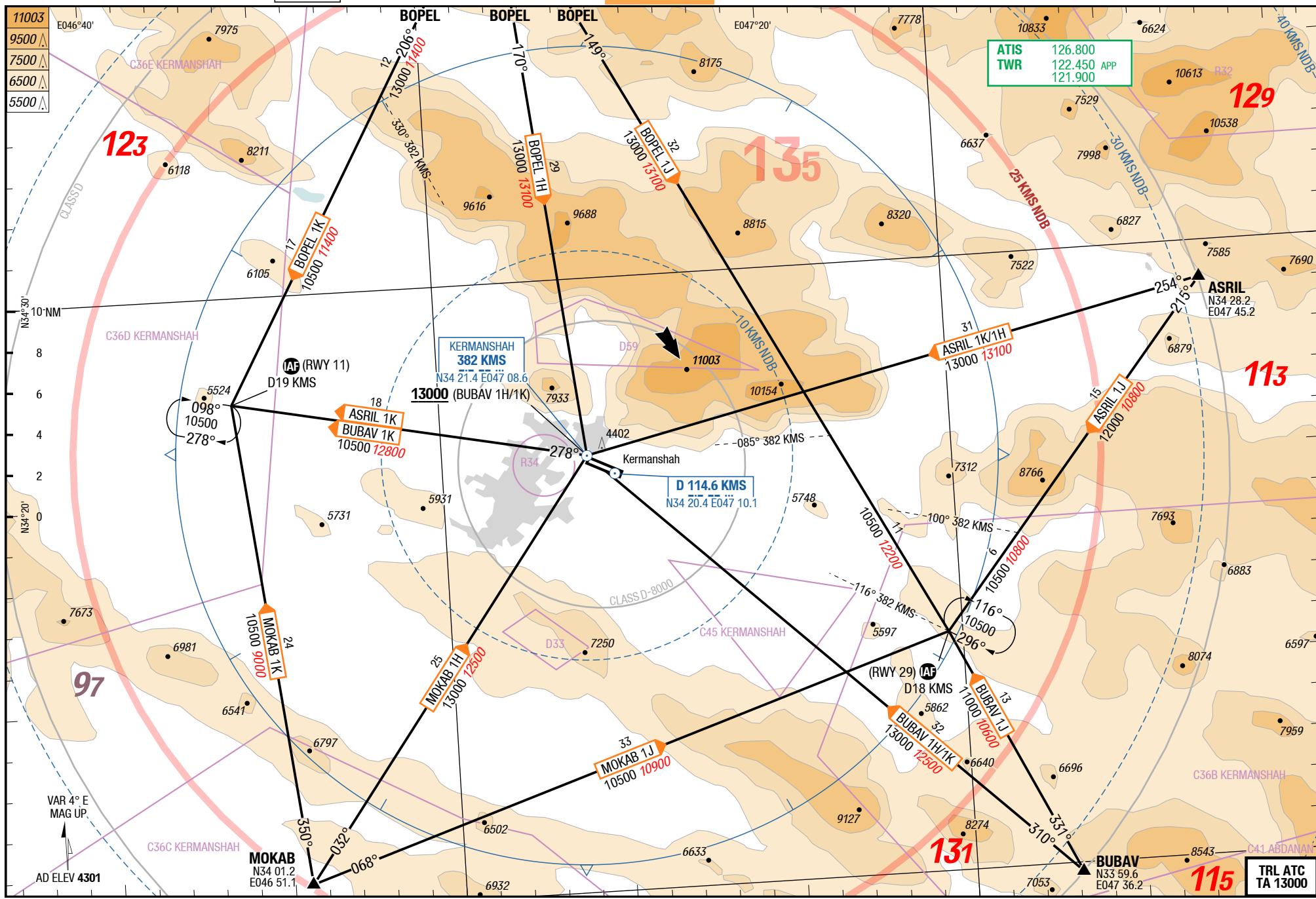
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6-20

STARs NDB

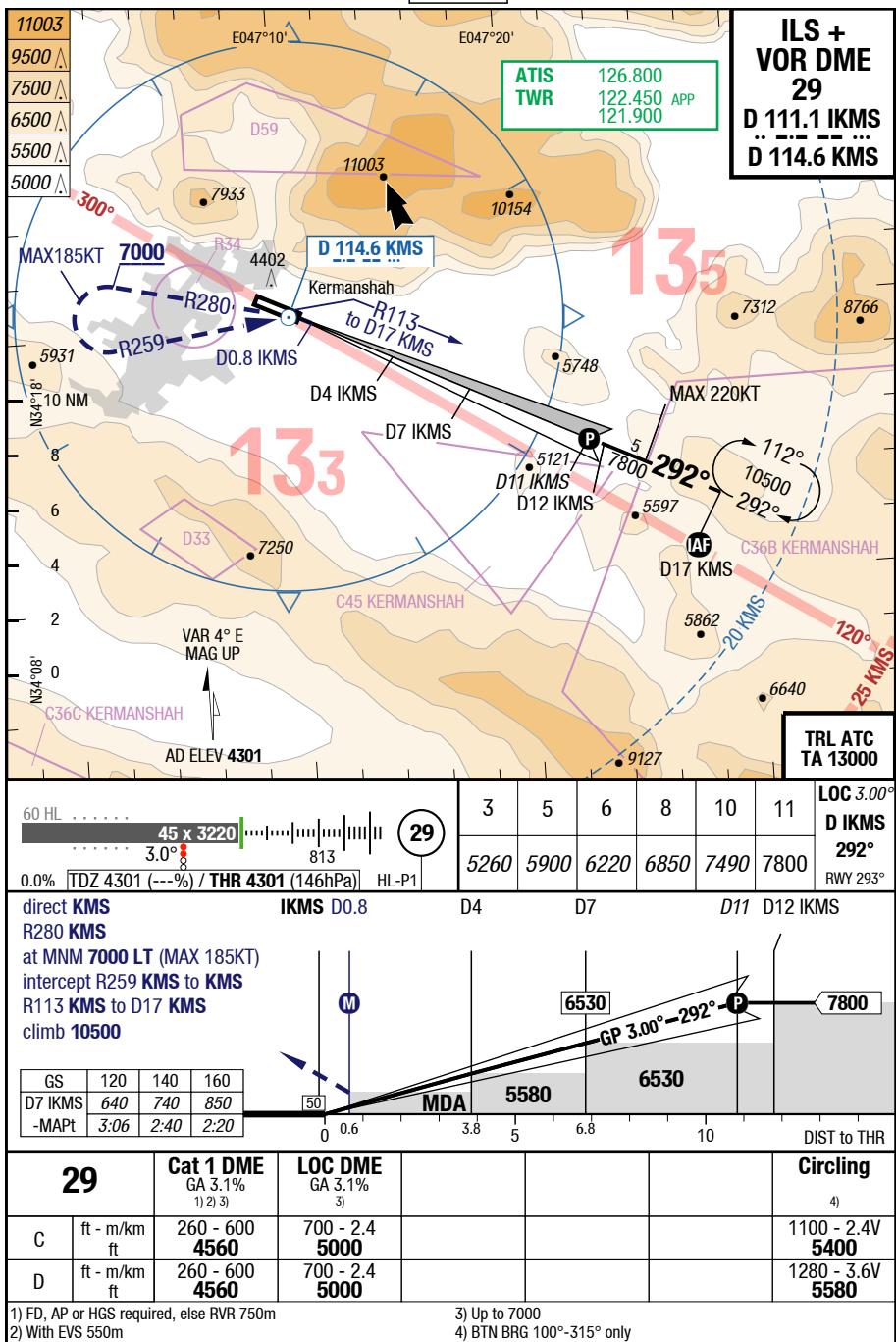
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7-10

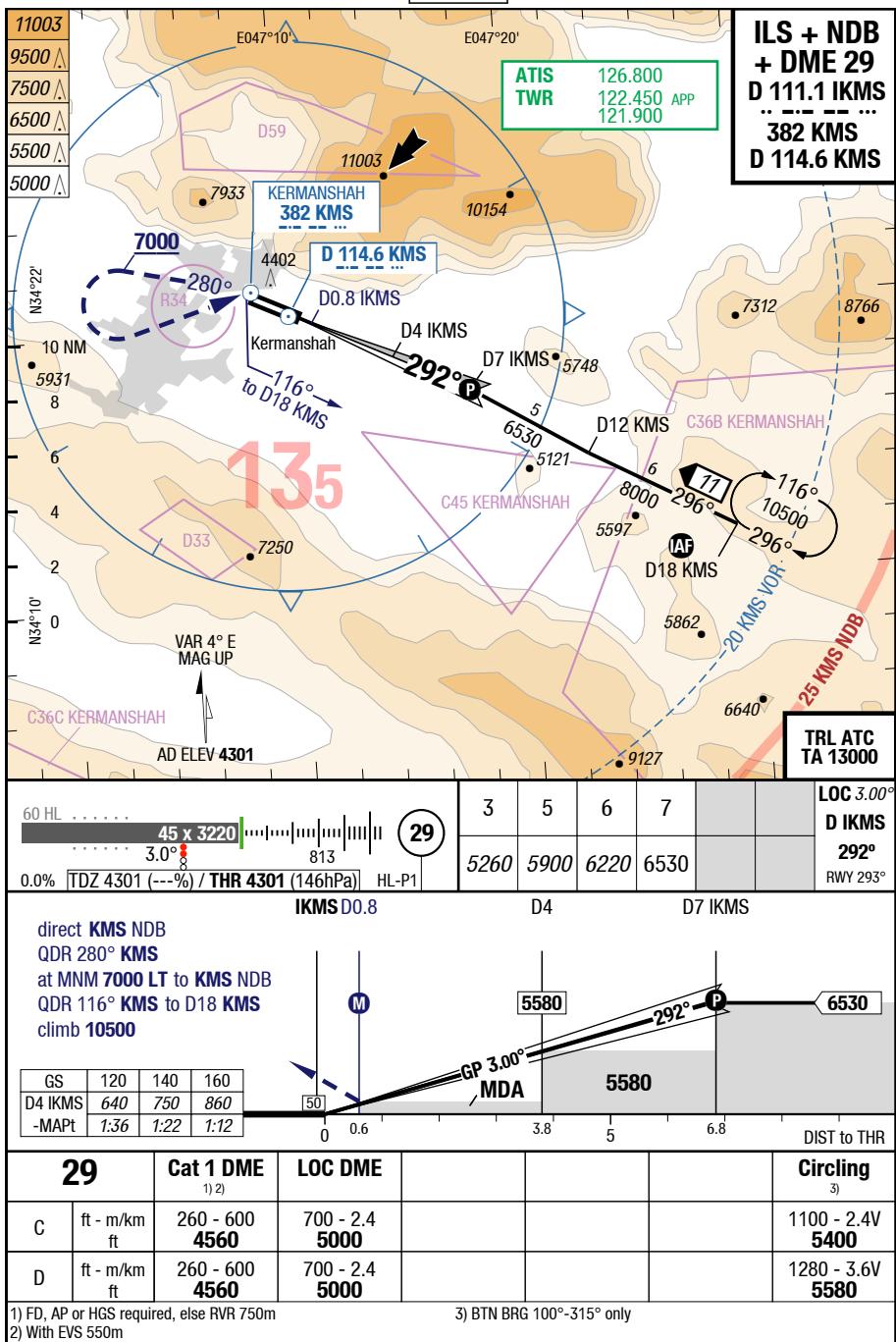
ILS + VOR DME 29



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ILS + NDB + DME 29



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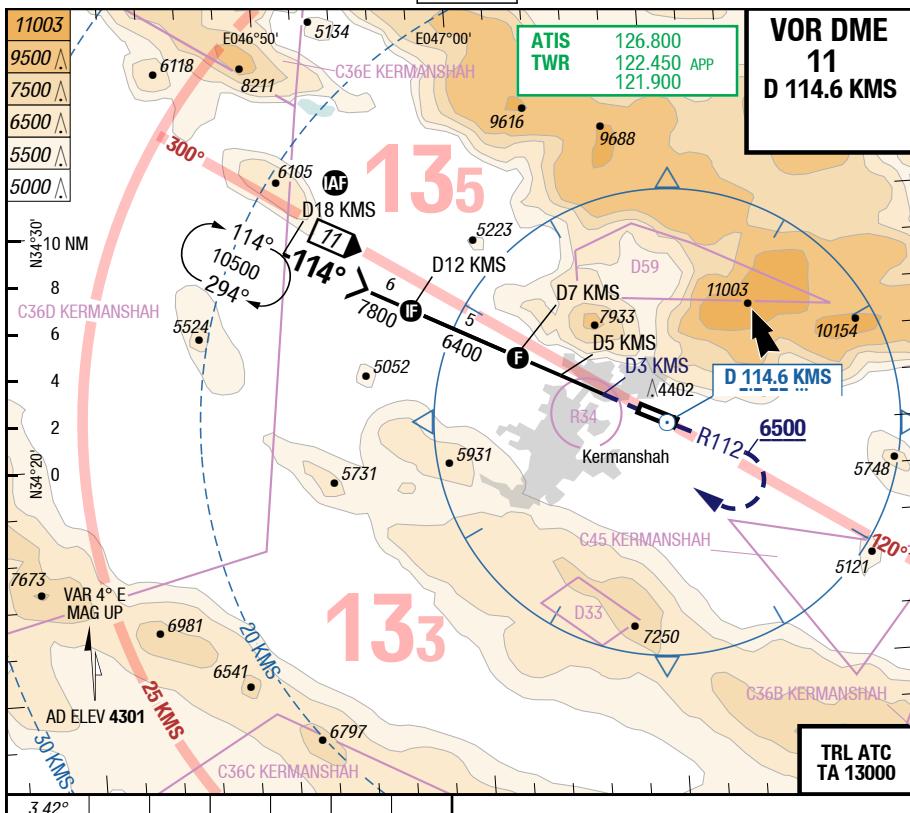
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IAC

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7-30

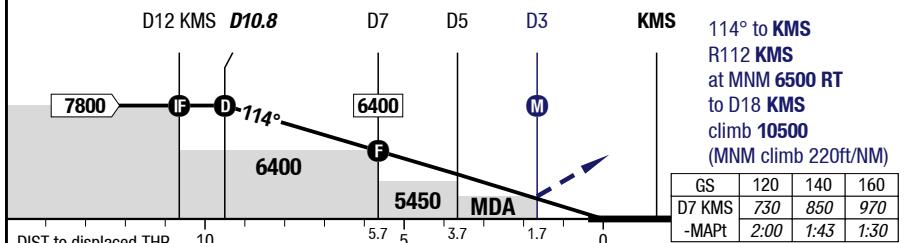
VOR DME 11



3.42°	D KMS	10.8	10	9	8	6	4	(11)	60 HL
	114°	7800	7500	7130	6770	6040	5320		240 2980 x 45

AD ELEV 4301

THR 4299 (146hPa) / TDZ 4299 (---%) 0.0%



11		VOR DME GA 3.6%	Circling 1)		
C	ft - m/km ft	710 - 2.4 5000			
D	ft - m/km ft	710 - 2.4 5000			

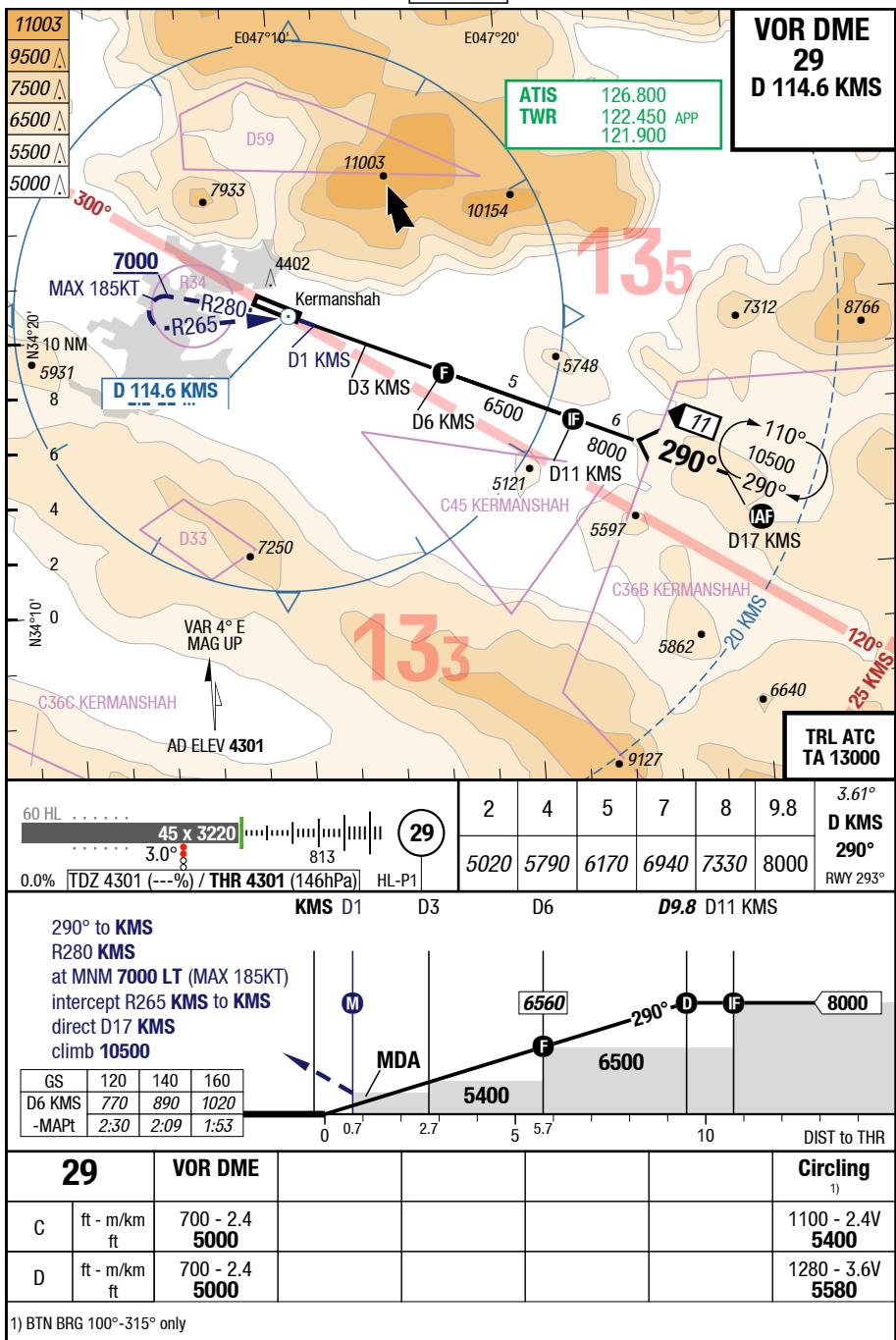
1) BTN BRG 100°-315° only

Changes: ALT, FREQ, OBST, APL, SUAs

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VOR DME 29



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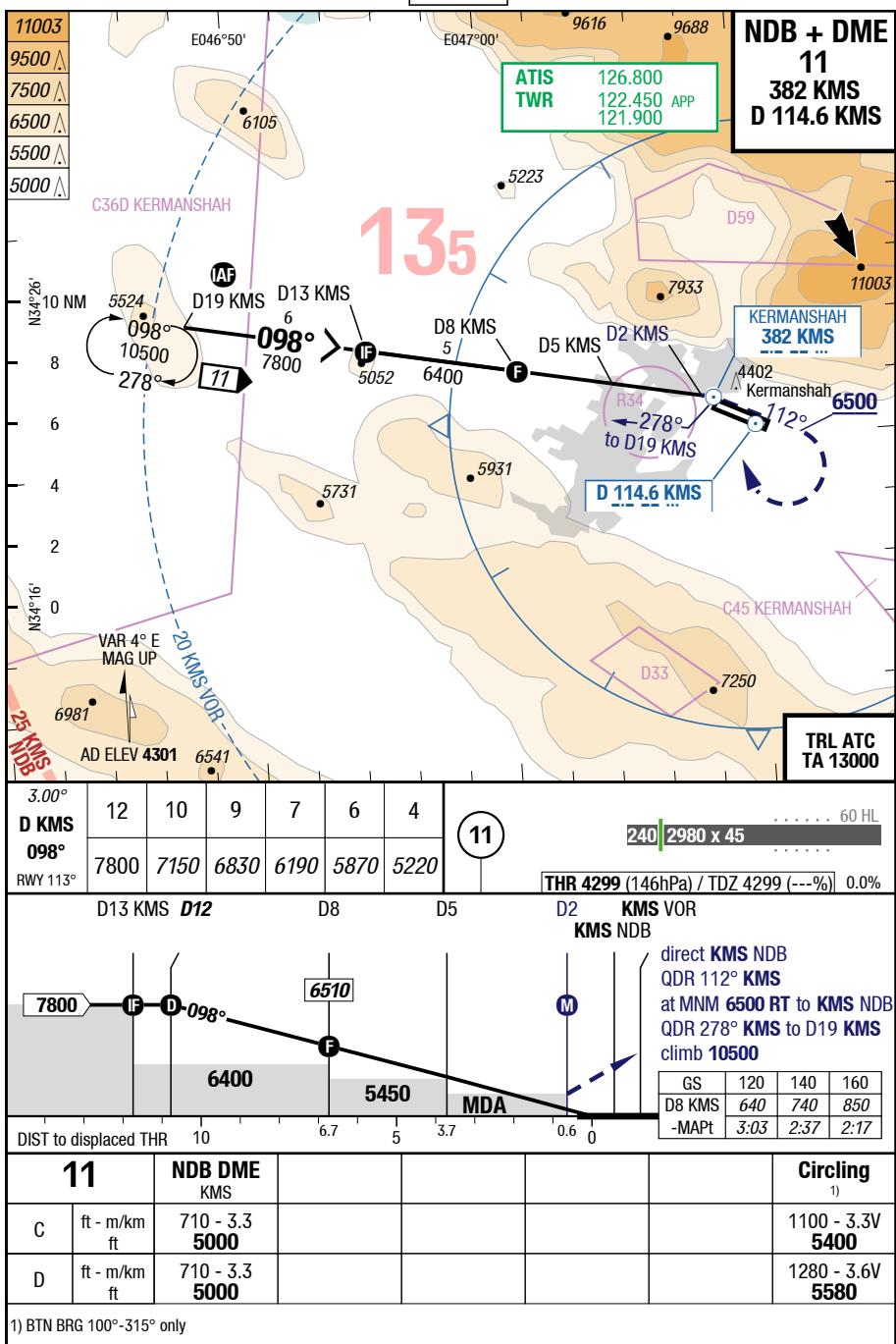
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IAC

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7-50

NDB + DME 11

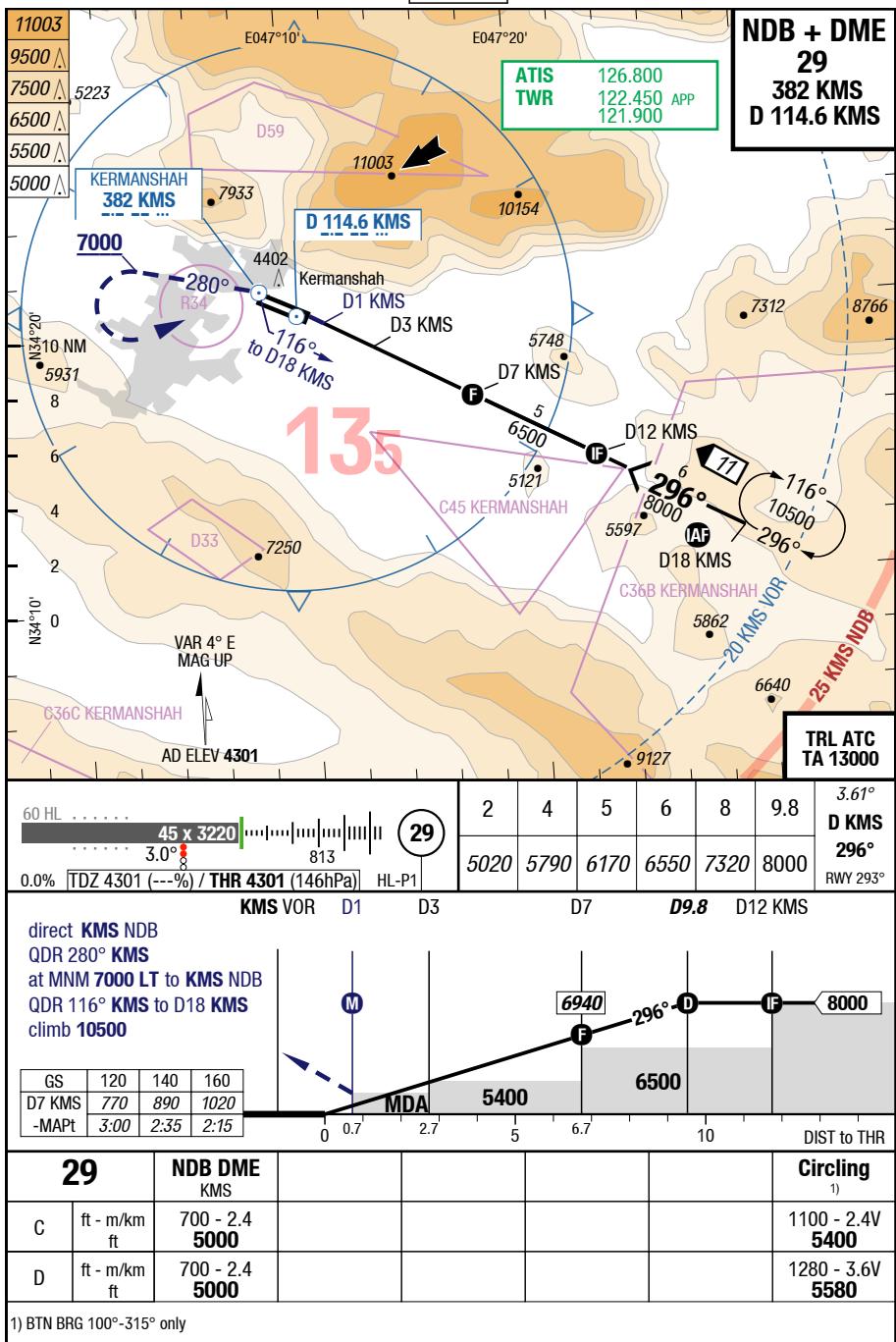


Changes: FREQ, ALT, OBST, APL, SUAs

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7-60

NDB + DME 29



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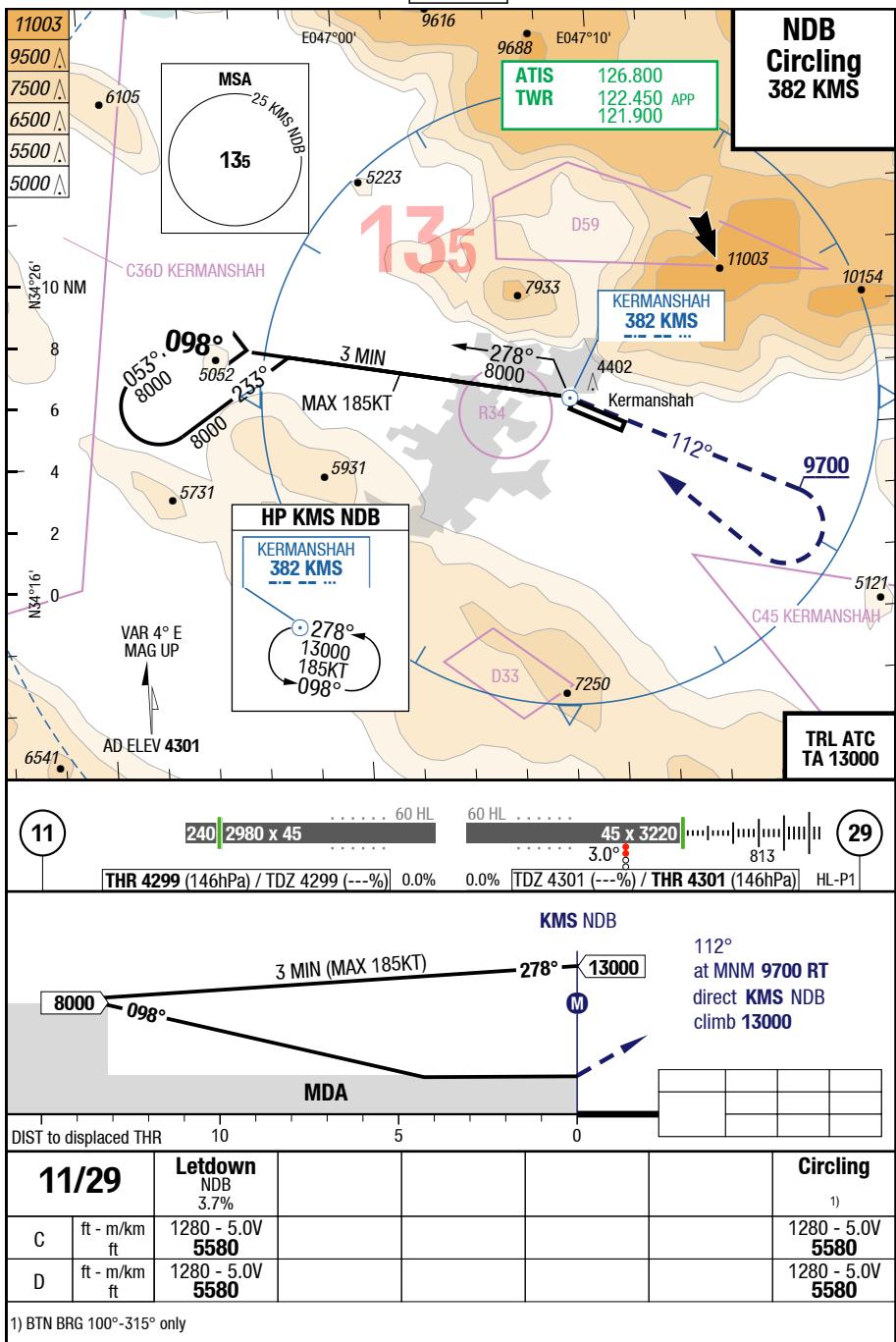
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7-70

NDB Circling

IAC



KSH-OICC

7-80

NDB One Circling

