

21-JUN-2018

NZH-ZBMZ

1-10

AOI

AOI

GENERAL**Operational Hours****ATS Hours / AD OPS Hours / AD ADMIN Hours:** HS or O/R**Airport Information****RFF:** CAT 6**Fuel:** Nr.3 jet fuel**PCN:** RWY 12/30: 55/R/B/W/T**Operation****Traffic Notes:** AD AVBL up to B762 and equivalent.**Warnings****MZL VOR/DME** unusable:

R320-R100 (except R006, R336, R342).

R149, 18NM from RWY center.

Birds in vicinity of AD.

DEPARTURE**Take-off Minima**

RWY		12/30		
2 Turbine or 3+4 ENG	ft - m/km	0 - 400R/800V	REDL	HJ only
		0 - 500R/800V	wo LGT	
		0 - 800R/800V	HN	
		0 - 1600V	-	

De-Icing

AVBL.

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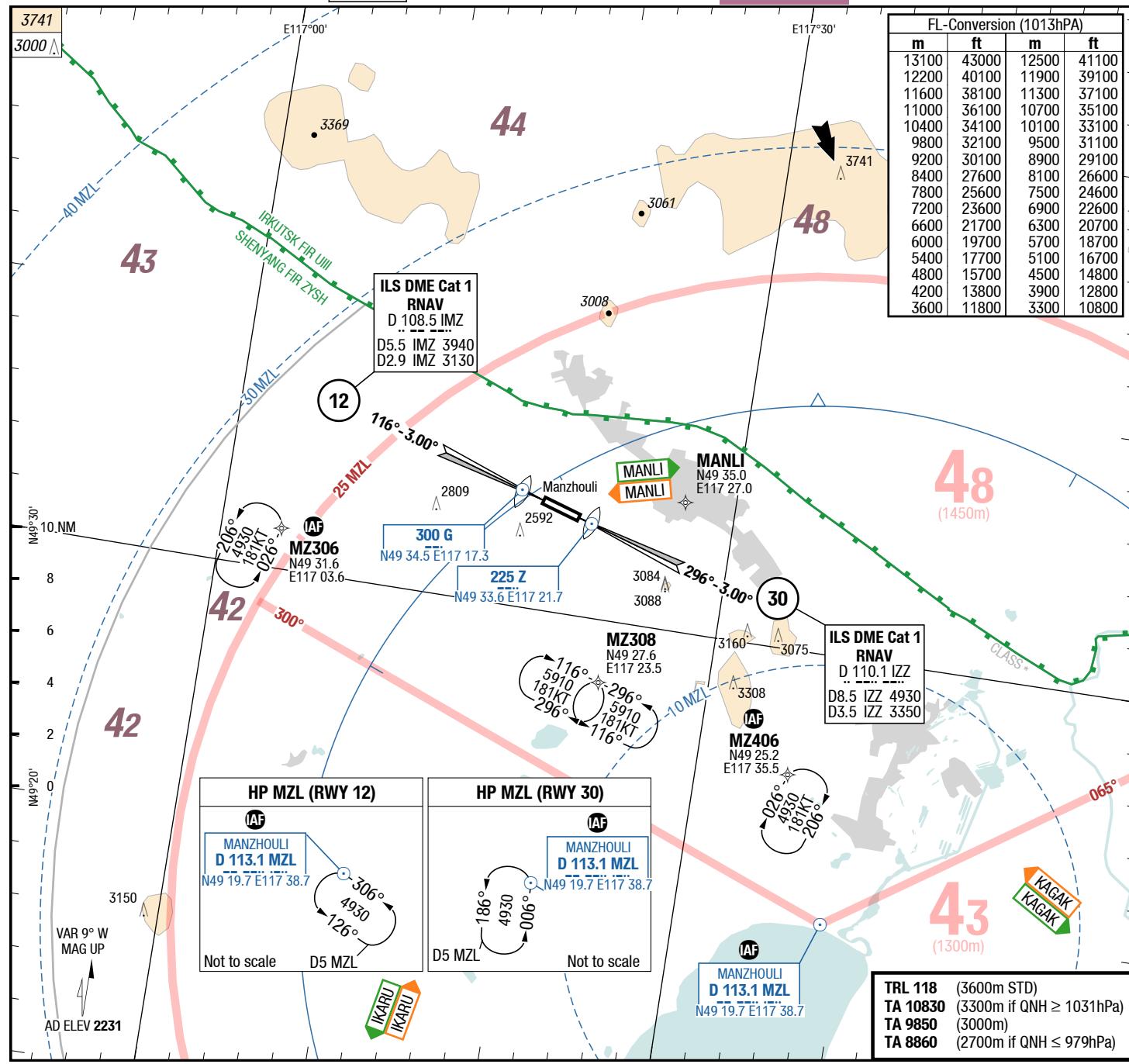
AGC
AFC

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FL-Conversion (1013hPa)			
m	ft	m	ft
13100	43000	12500	41100
12200	40100	11900	39100
11600	38100	11300	37100
11000	36100	10700	35100
10400	34100	10100	33100
9800	32100	9500	31100
9200	30100	8900	29100
8400	27600	8100	26600
7800	25600	7500	24600
7200	23600	6900	22600
6600	21700	6300	20700
6000	19700	5700	18700
5400	17700	5100	16700
4800	15700	4500	14800
4200	13800	3900	12800
3600	11800	3300	10800

TWR 118.100

130.000

Landing RWY system:

HL-P1 **THR 2196** (77hPa) / TDZ --- (---%) +0.4%

60 HL  45 x 2800 | 30
3.0° 
-0.4% TDZ --- (---%) / THR 2229 (78hPa) HL-P1

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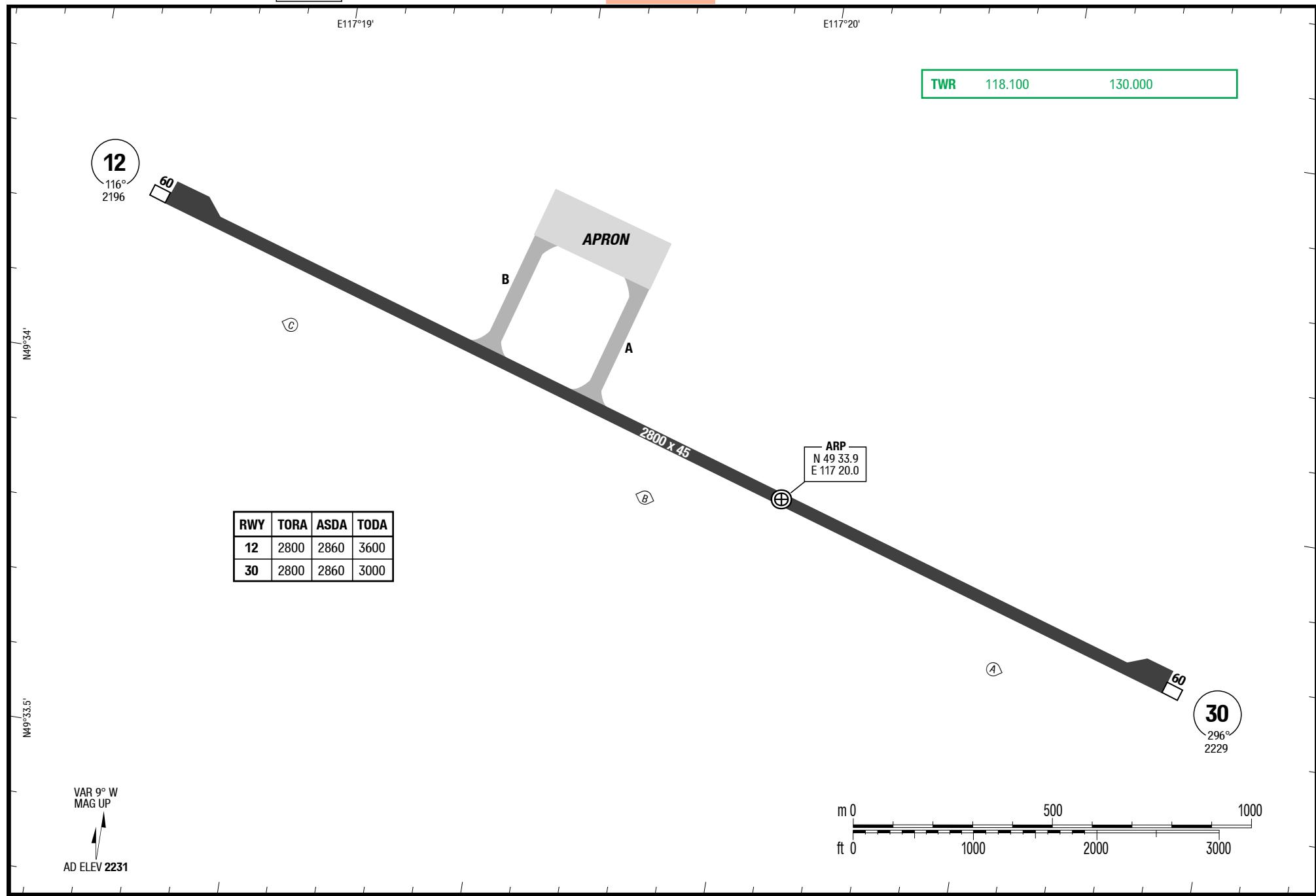
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TWR 118.100

130.000



Changes: new

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RNAV SIDs RWY 30

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RNAV SIDs RWY 12

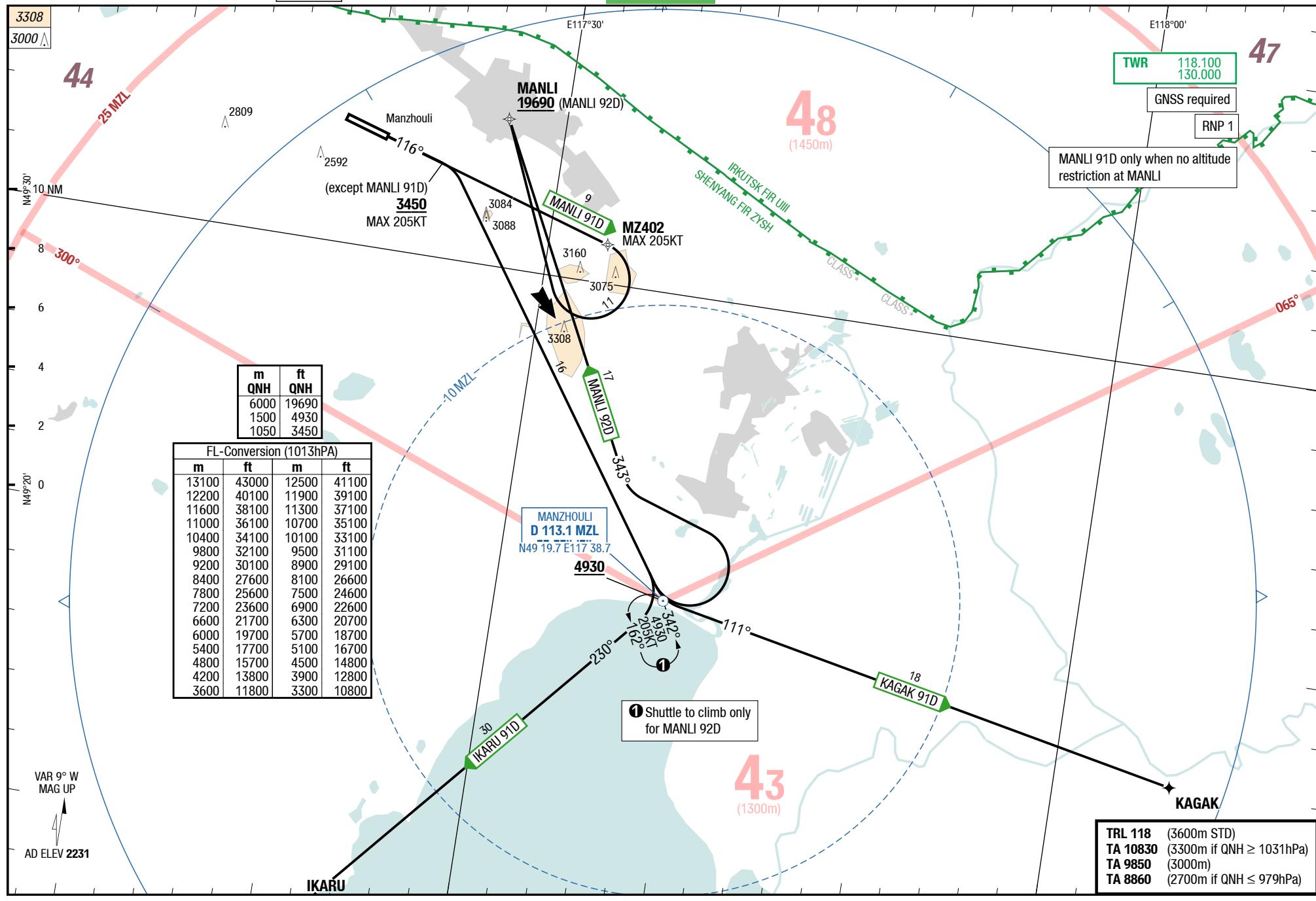
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SID

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RNAV SIDs RWY 30

RNAV SIDs RWY 12



Changes: new

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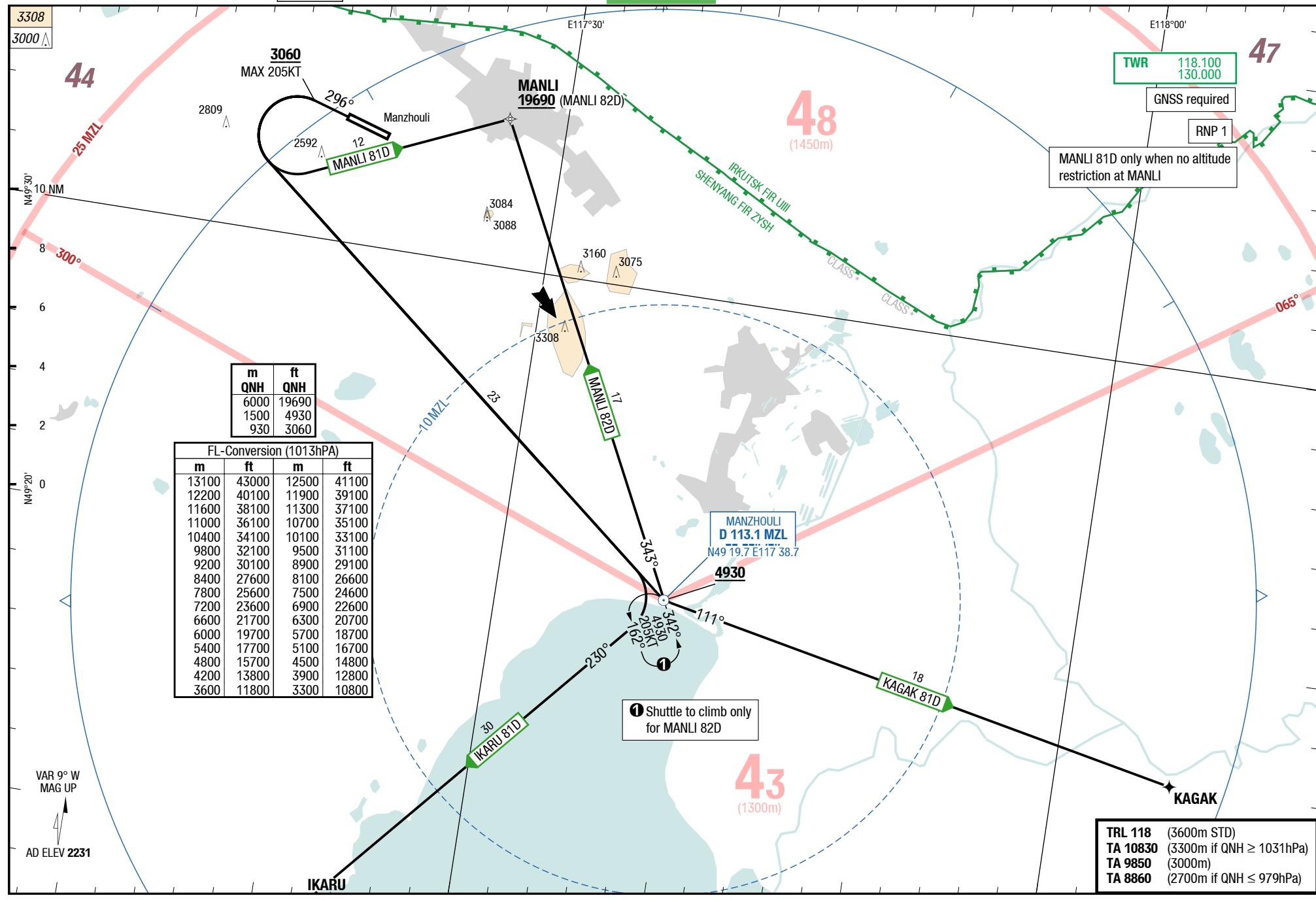
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SID

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RNAV SIDs RWY 30

RNAV SIDs RWY 30



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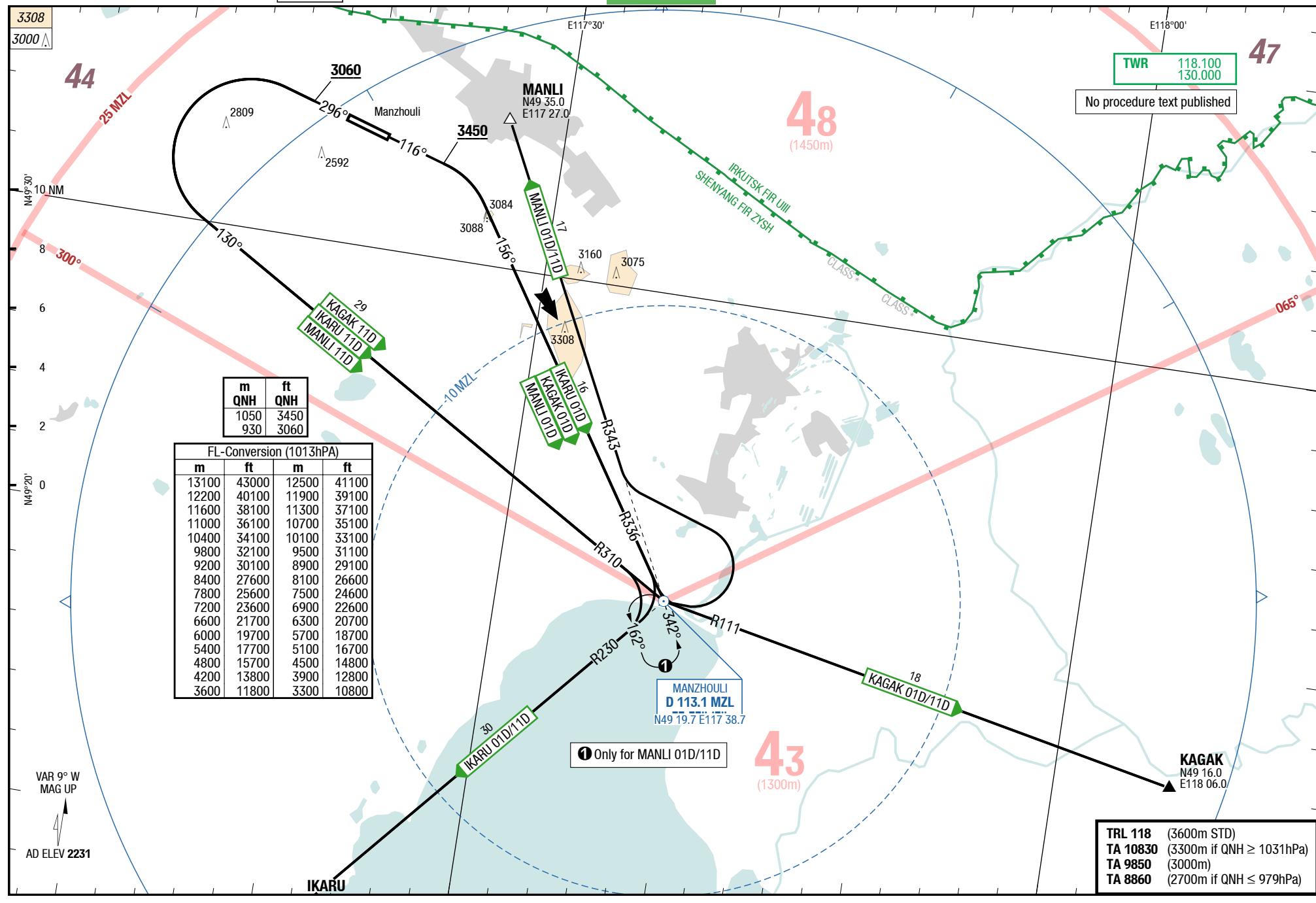
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SID
SIDs

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SID
SIDs

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NZH-ZBMZ**5-10****RNAV SIDs RWY 12****IKARU 91D / KAGAK 91D / MANLI 91D / MANLI 92D**

RWY 12 (116°)

	GS	120	150	180	210	240	270
	4.8%	ft/MIN	600	800	900	1100	1200

DESIGNATOR	ROUTING	ALTITUDES
	Runway 12	
IKARU 91D 4.8% to 3450 118.100	116° [A3450+ ;K205- ;R] - DCT MZL - IKARU	MZL MNM 4930
KAGAK 91D 4.8% to 3450 118.100	116° [A3450+ ;K205- ;R] - DCT MZL - KAGAK	MZL MNM 4930
MANLI 91D 4.8% to 3450 118.100 ①	116° <u>MZ402</u> [K205- ;R] - DCT MANLI	
MANLI 92D 4.8% to 3450 118.100	116° [A3450+ ;K205- ;R] - DCT MZL - L HOLD 342° MANUAL [K205-] - MANLI	MZL MNM 4930 MANLI MNM 19690

① Only when no altitude restriction at MANLI.

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NZH-ZBMZ**5-20****RNAV SIDs RWY 30****IKARU 81D / KAGAK 81D / MANLI 81D / MANLI 82D****RWY 30 (296°)**

DESIGNATOR	ROUTING	ALTITUDES
	Runway 30	
IKARU 81D 118.100	296° [A3050+ ;K205- ;L] - DCT MZL - IKARU	MZL MNM 4930
KAGAK 81D 118.100	296° [A3050+ ;K205- ;L] - DCT MZL - KAGAK	MZL MNM 4930
MANLI 81D 118.100 ①	296° [A3050+ ;K205- ;L] - DCT MANLI	
MANLI 82D 118.100	296° [A3050+ ;K205- ;L] - DCT MZL - L HOLD 342° MANUAL [K205-] - MANLI	MZL MNM 4930 MANLI MNM 19690

① Only when no altitude restriction at MANLI.

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RNAV STARs RWY 30

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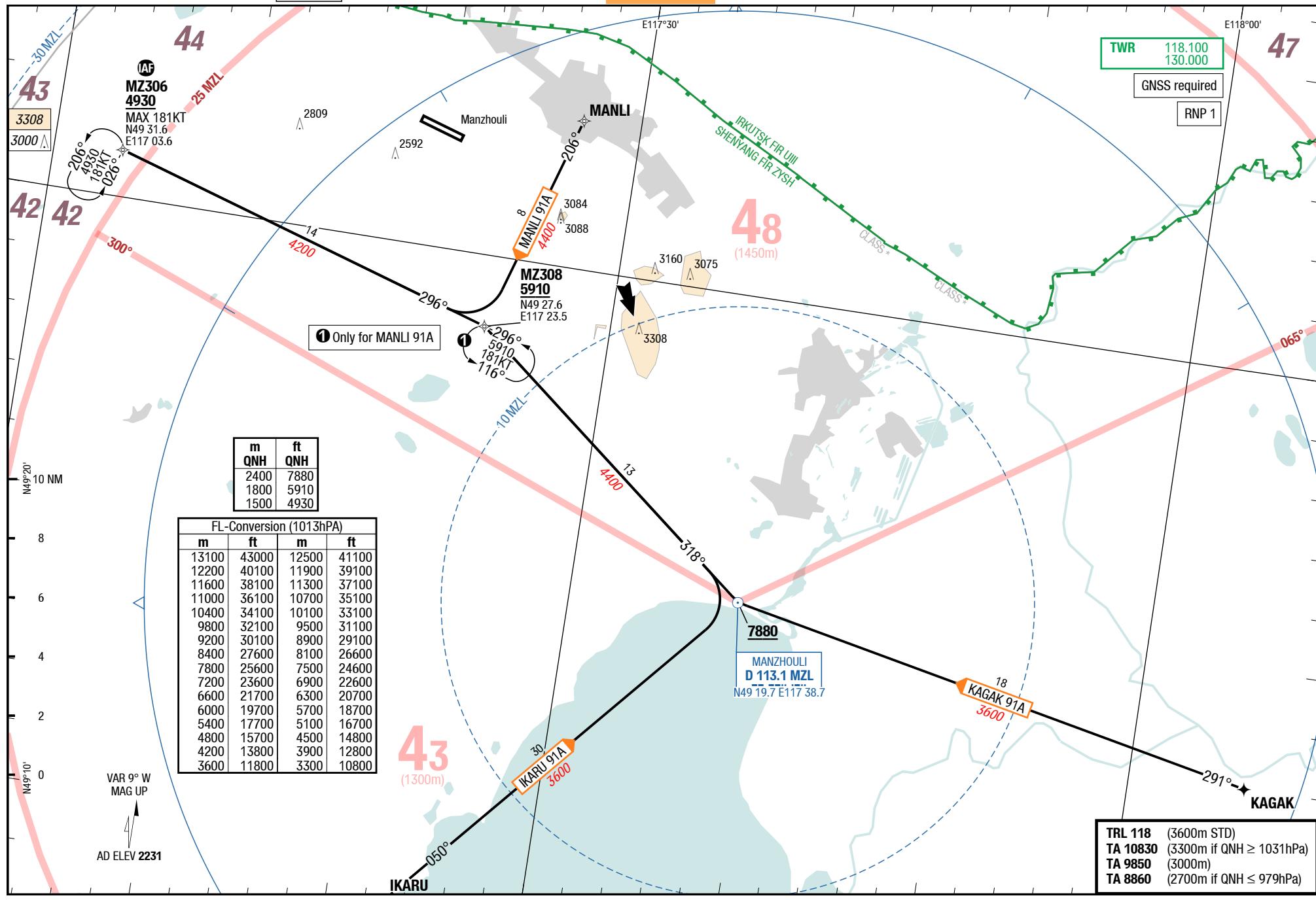
STAR

STAR

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RNAV STARs RWY 30

RNAV STARs RWY 12



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Xijiao Manzhouli China

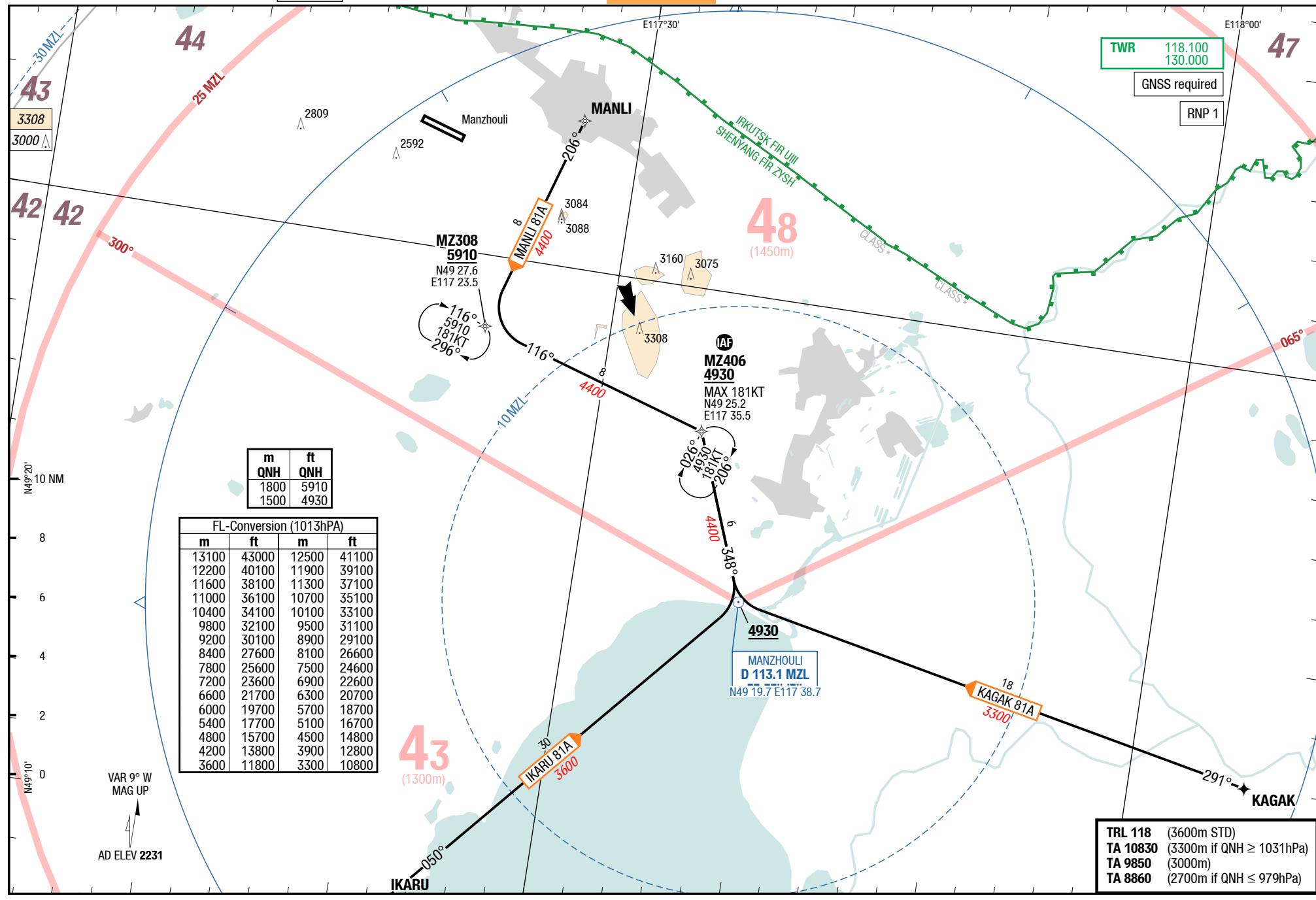
6-20

RNAV STARs RWY 30

STAR

STAR

RNAV STARs RWY 30



Changes: new

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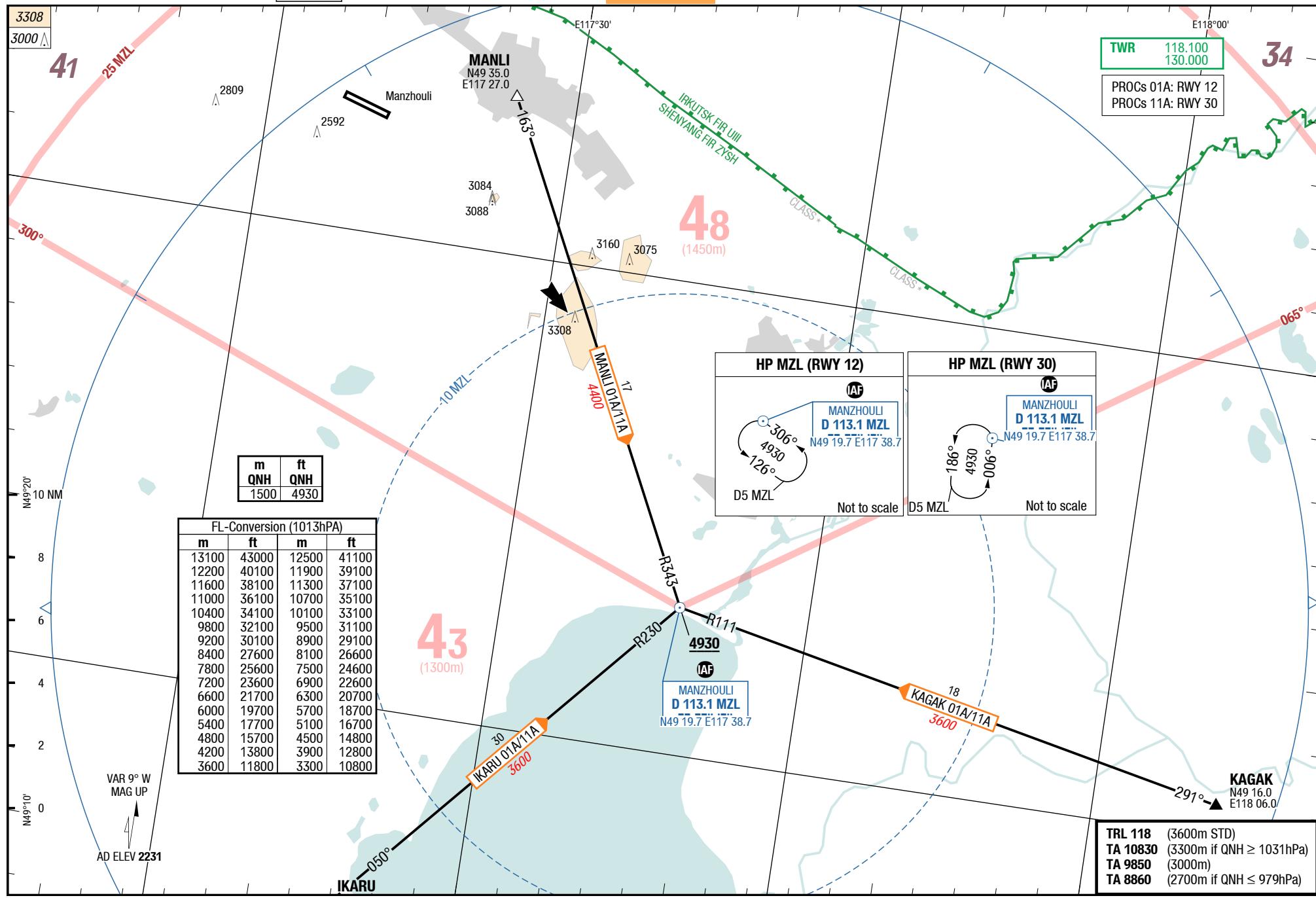
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STAR

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Xijiao Manzhouli China

6-30



Changes: new

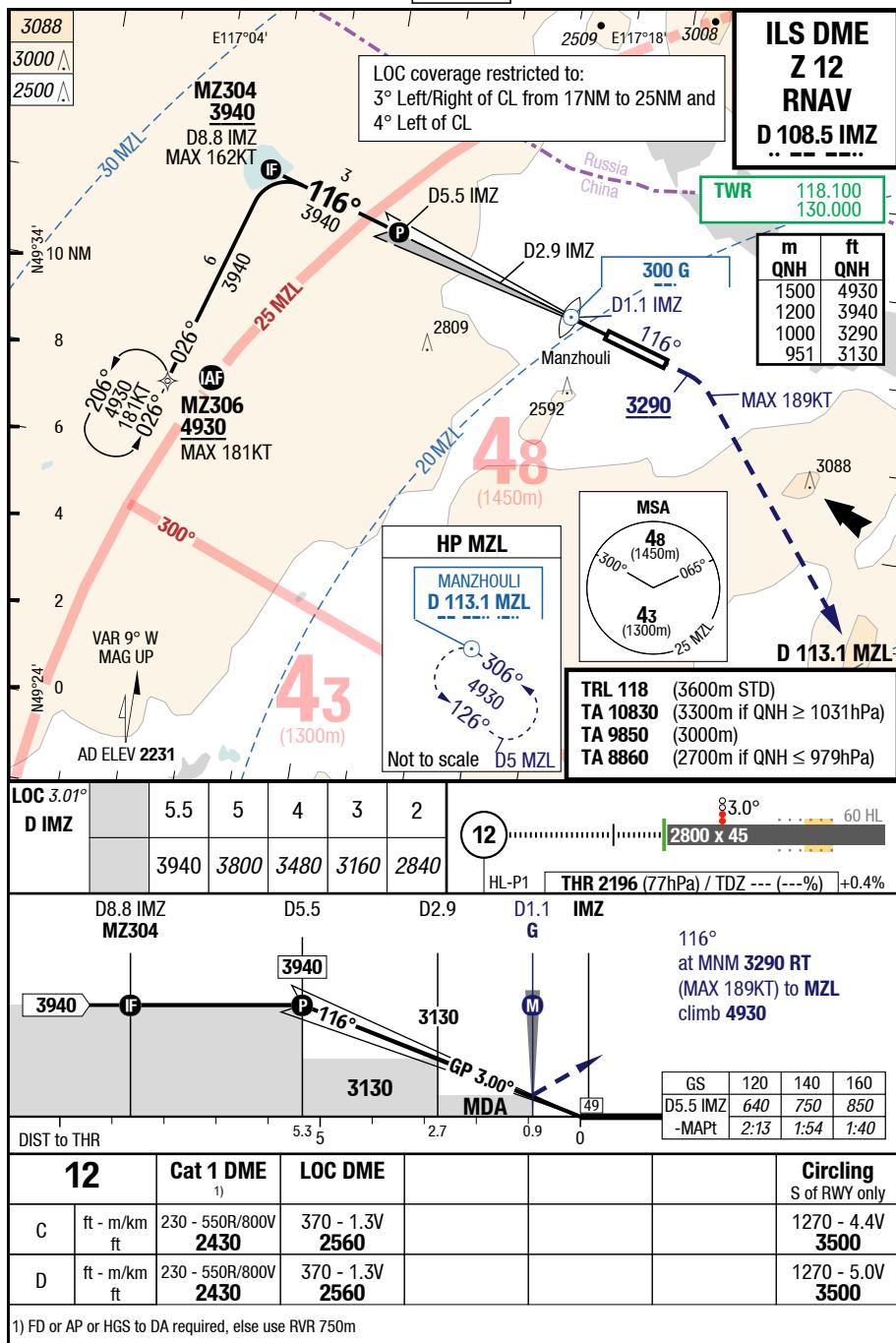
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ILS DME Z 12 RNAV

IAC



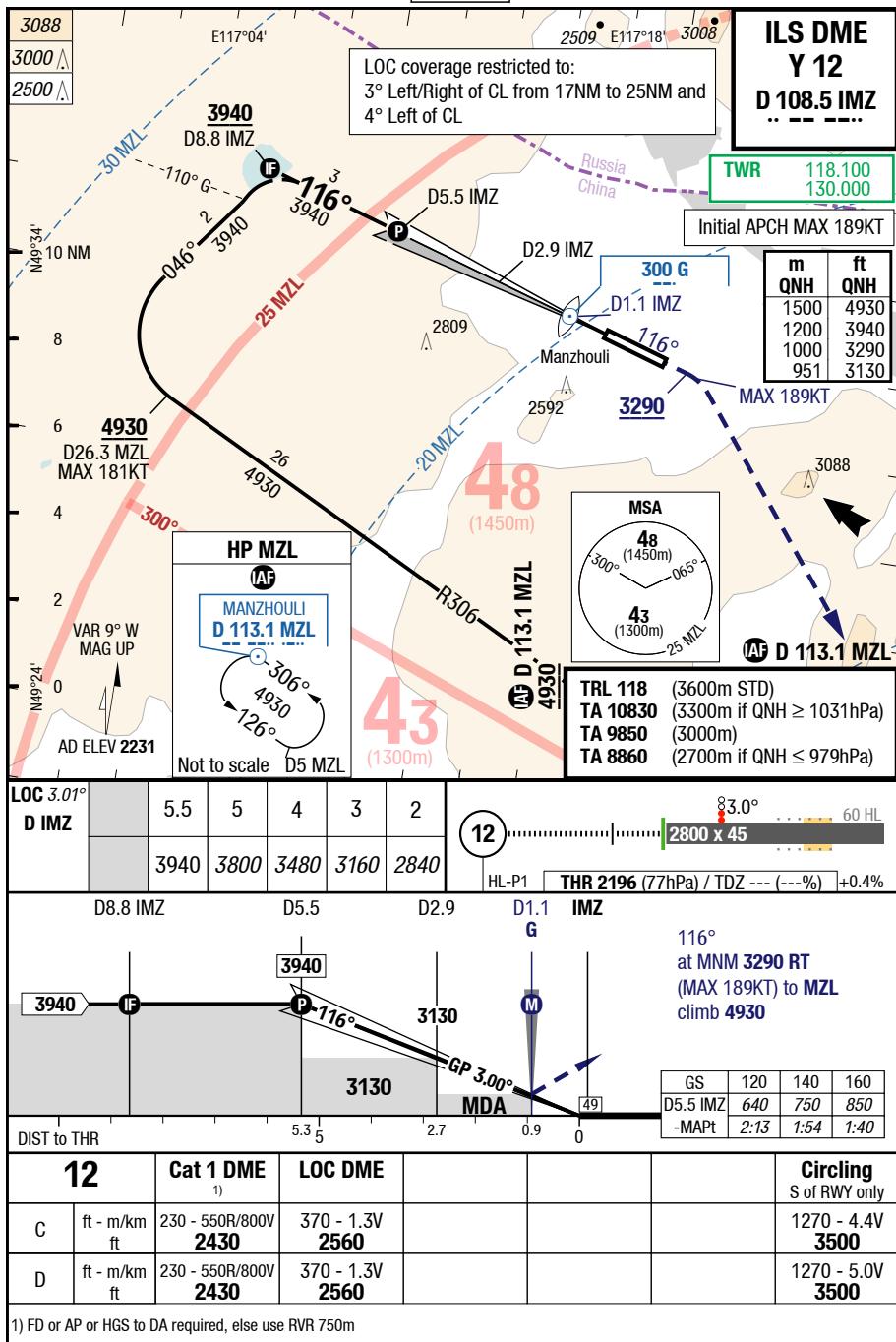
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7-20

ILS DME Y 12



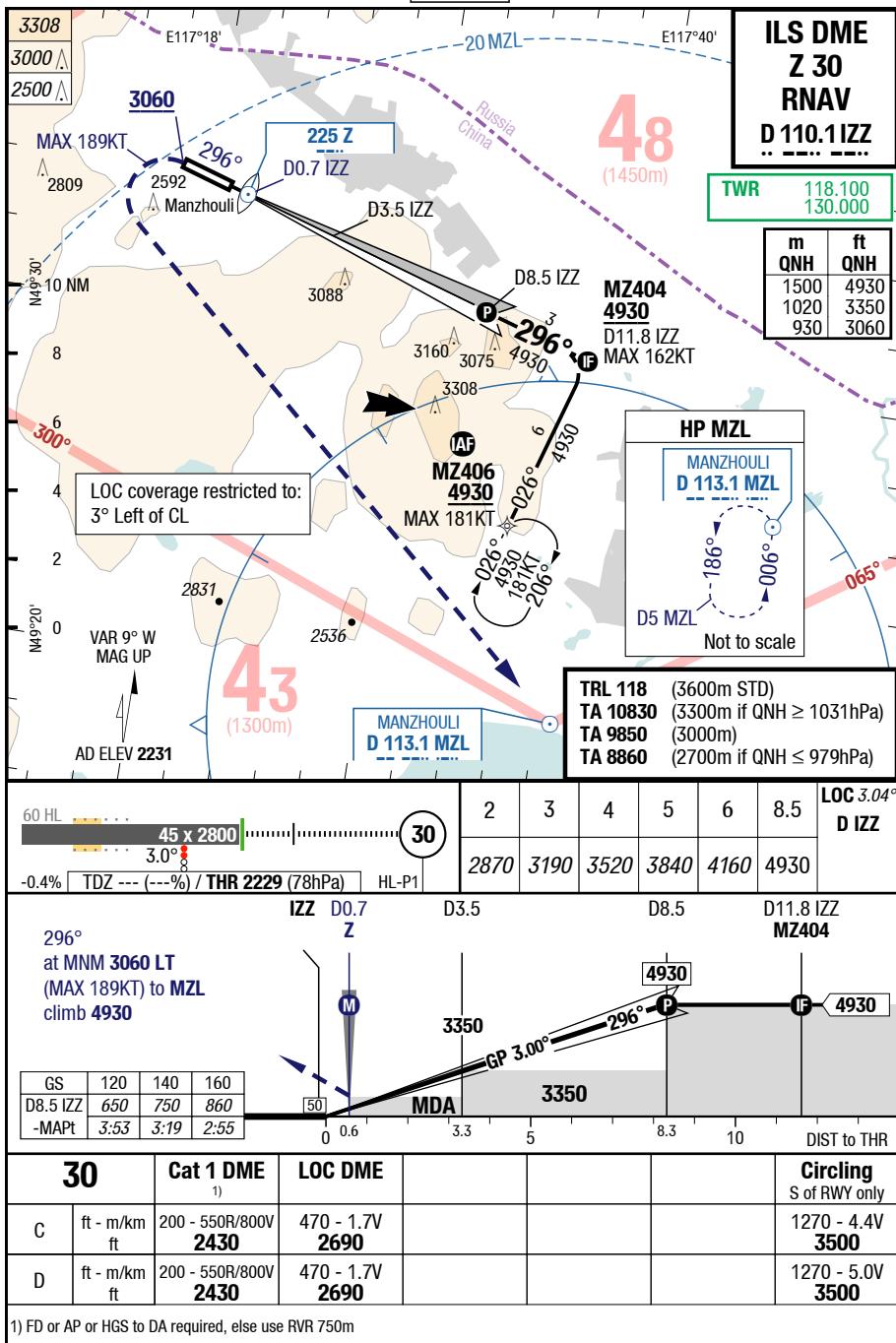
Changes: new

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7-30

ILS DME Z 30 RNAV



Changes: new

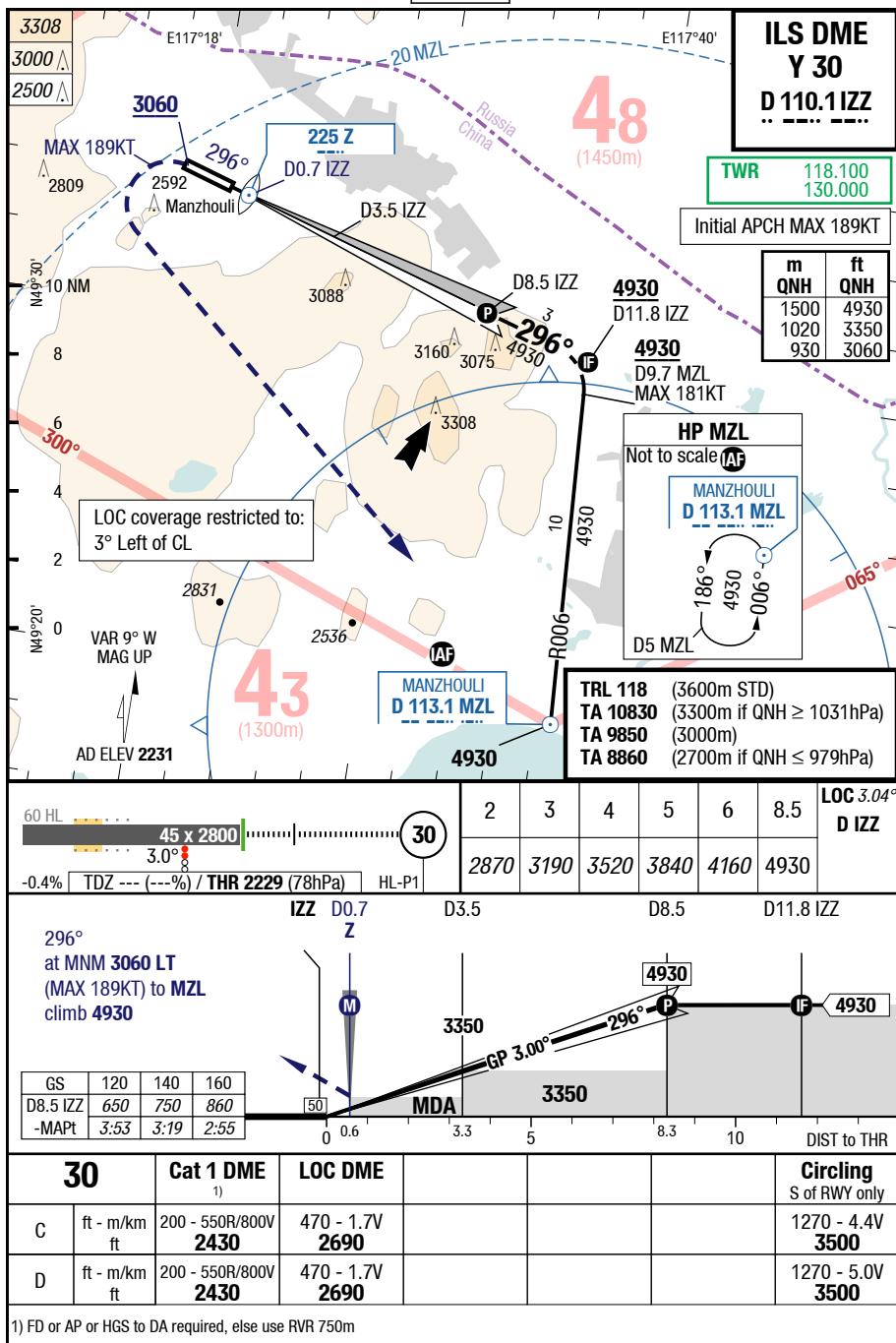
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7-40

ILS DME Y 30

IAC



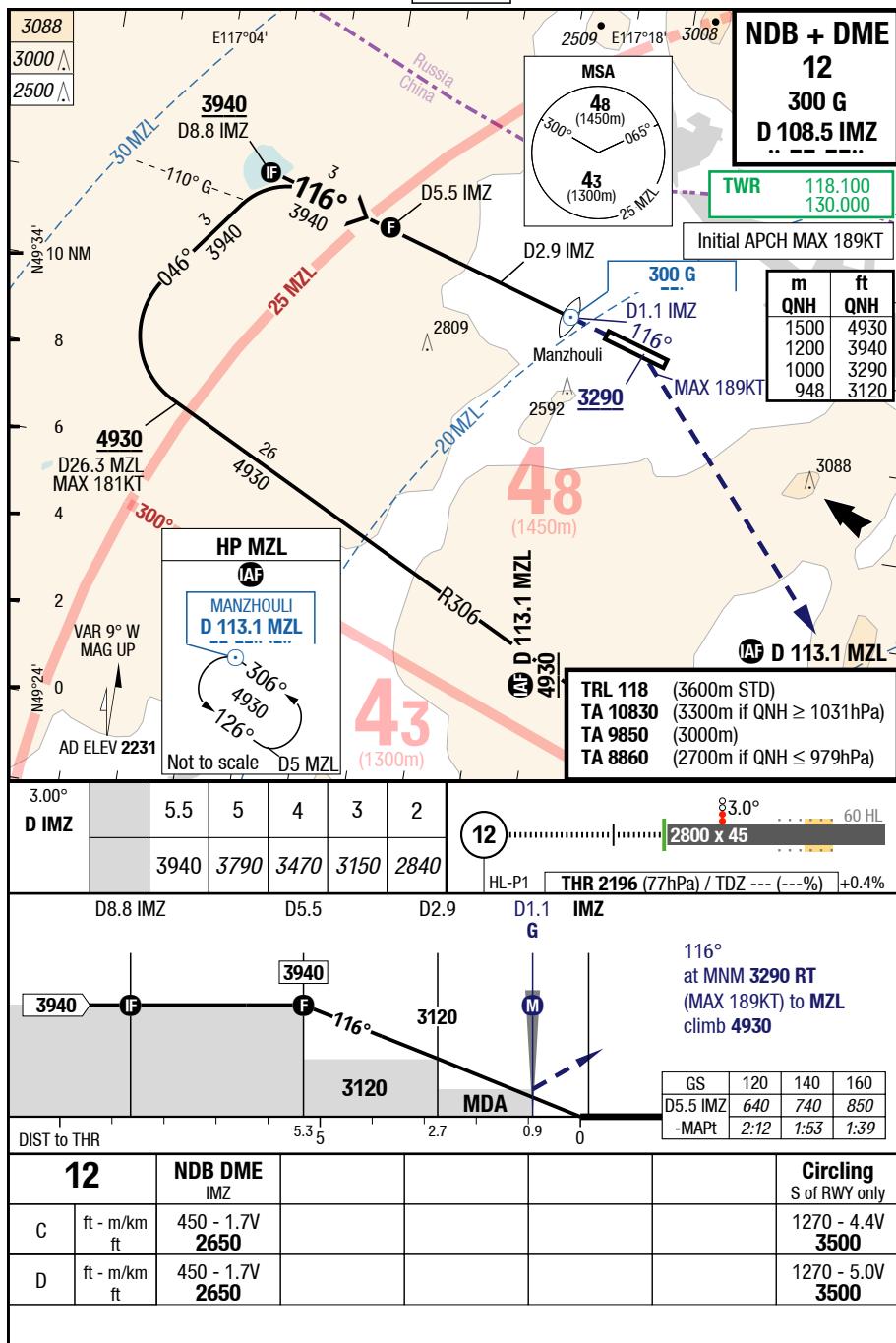
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NDB + DME 12



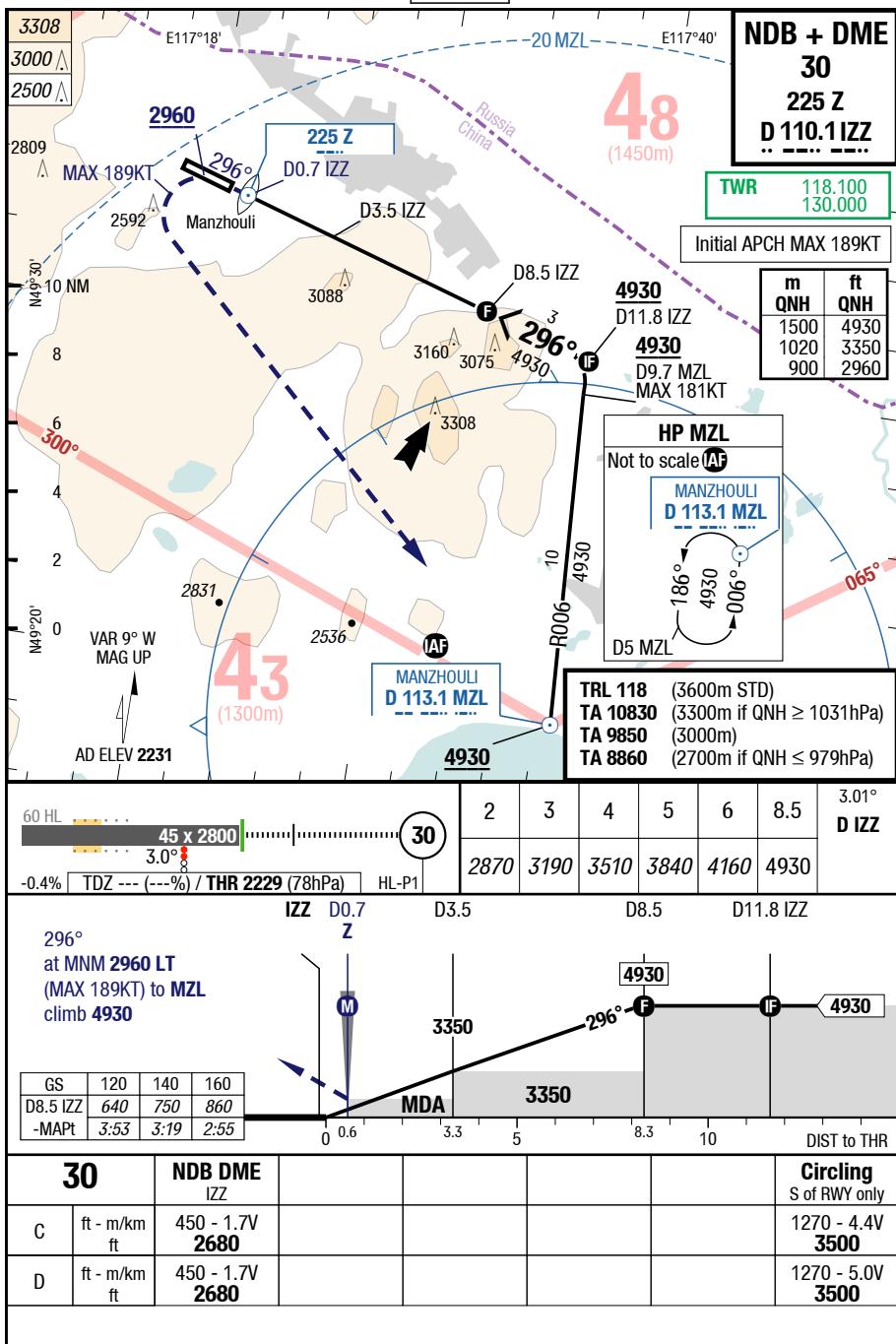
Changes: new

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7-60

NDB + DME 30



Changes: new