

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	
Other		0 - 1600V	-	

De-Icing

AVBL.

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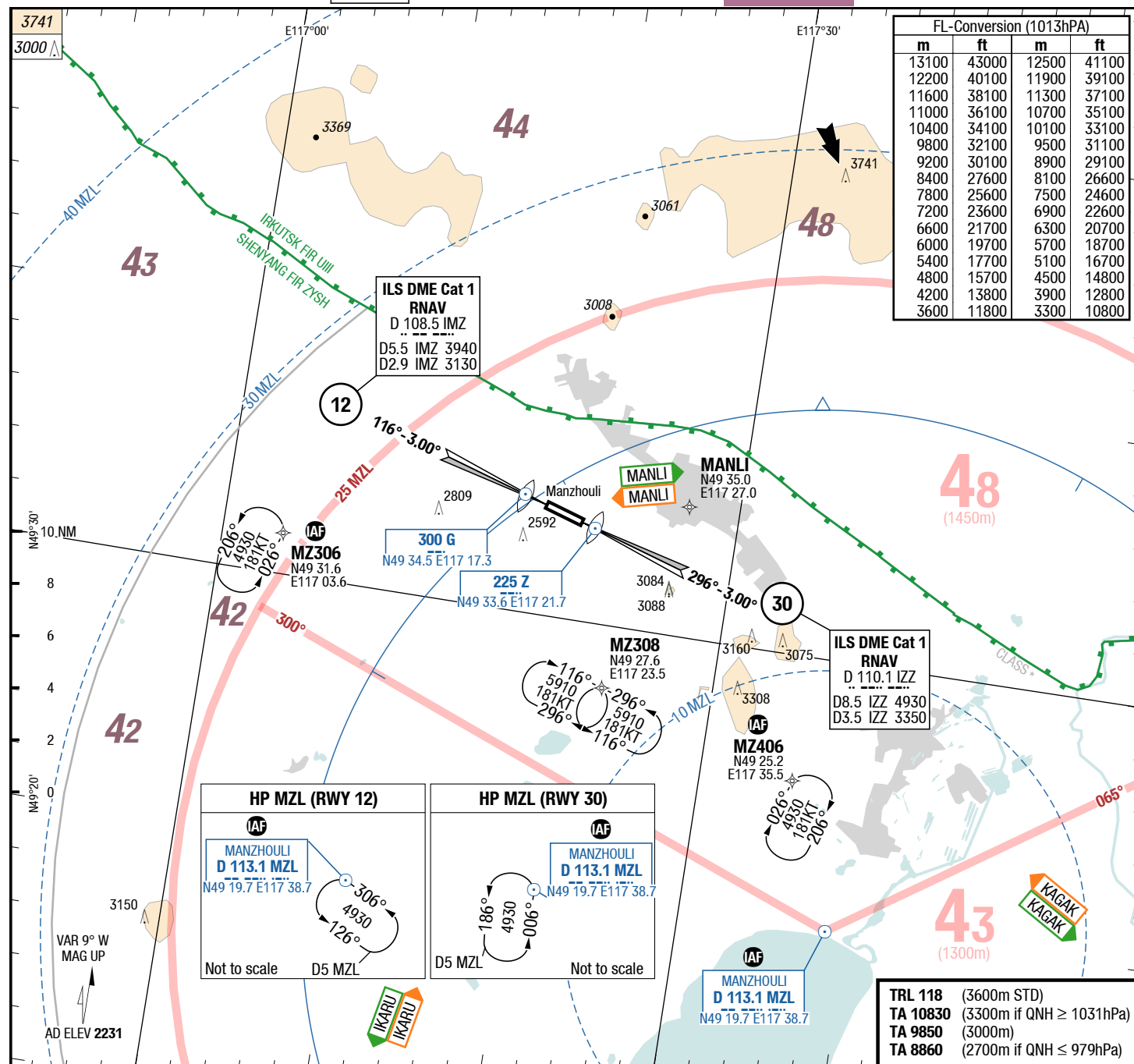
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Changes: new

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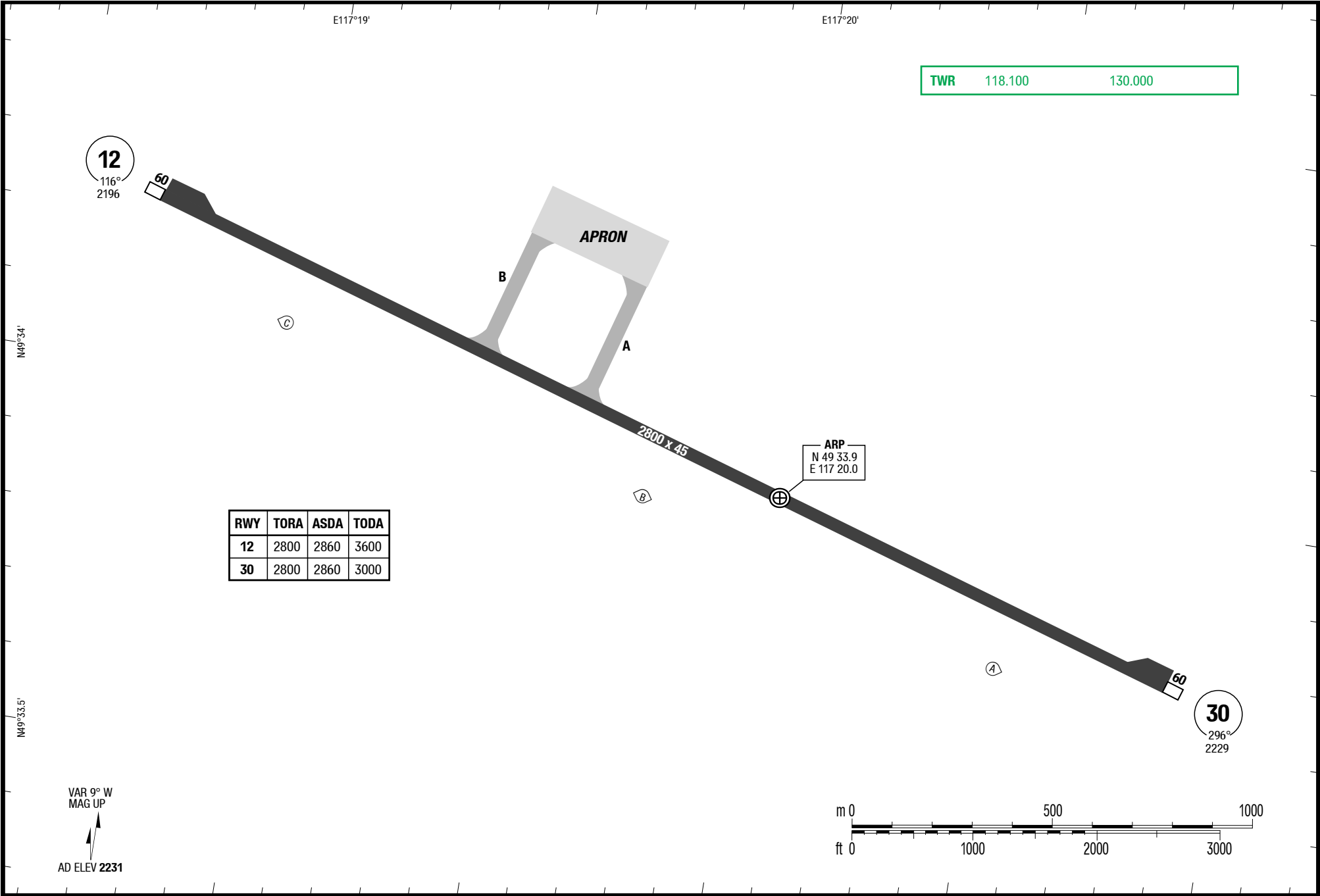
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3-20

TWR 118.100 130.000



Changes: new

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RNAV SIDs RWY 30

RNAV SIDs RWY 12

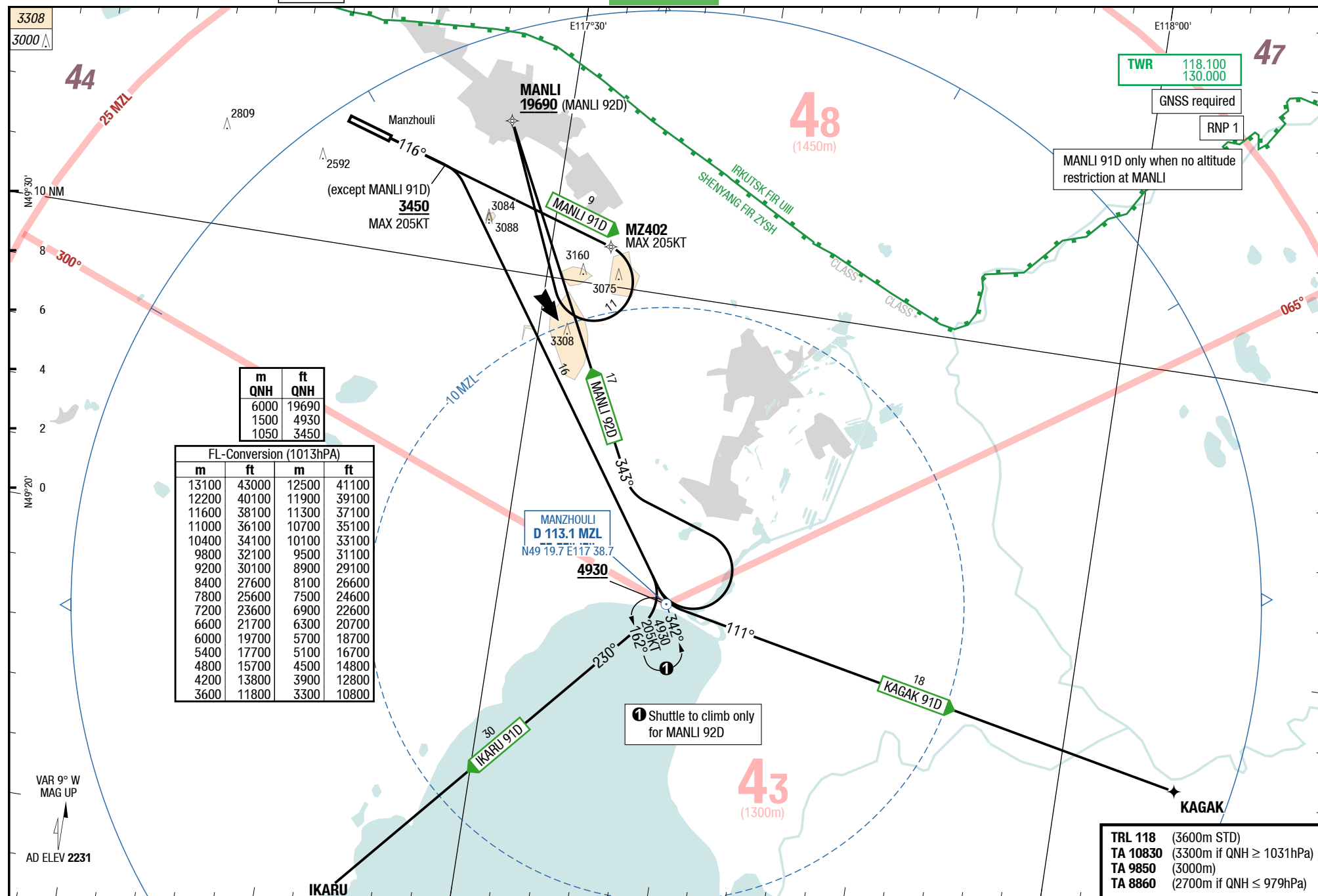
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SID

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RNAV SIDs RWY 30

RNAV SIDs RWY 12



Changes: new

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RNAV SIDs RWY 30

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RNAV SIDs RWY 30



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[NIL]

SIDs

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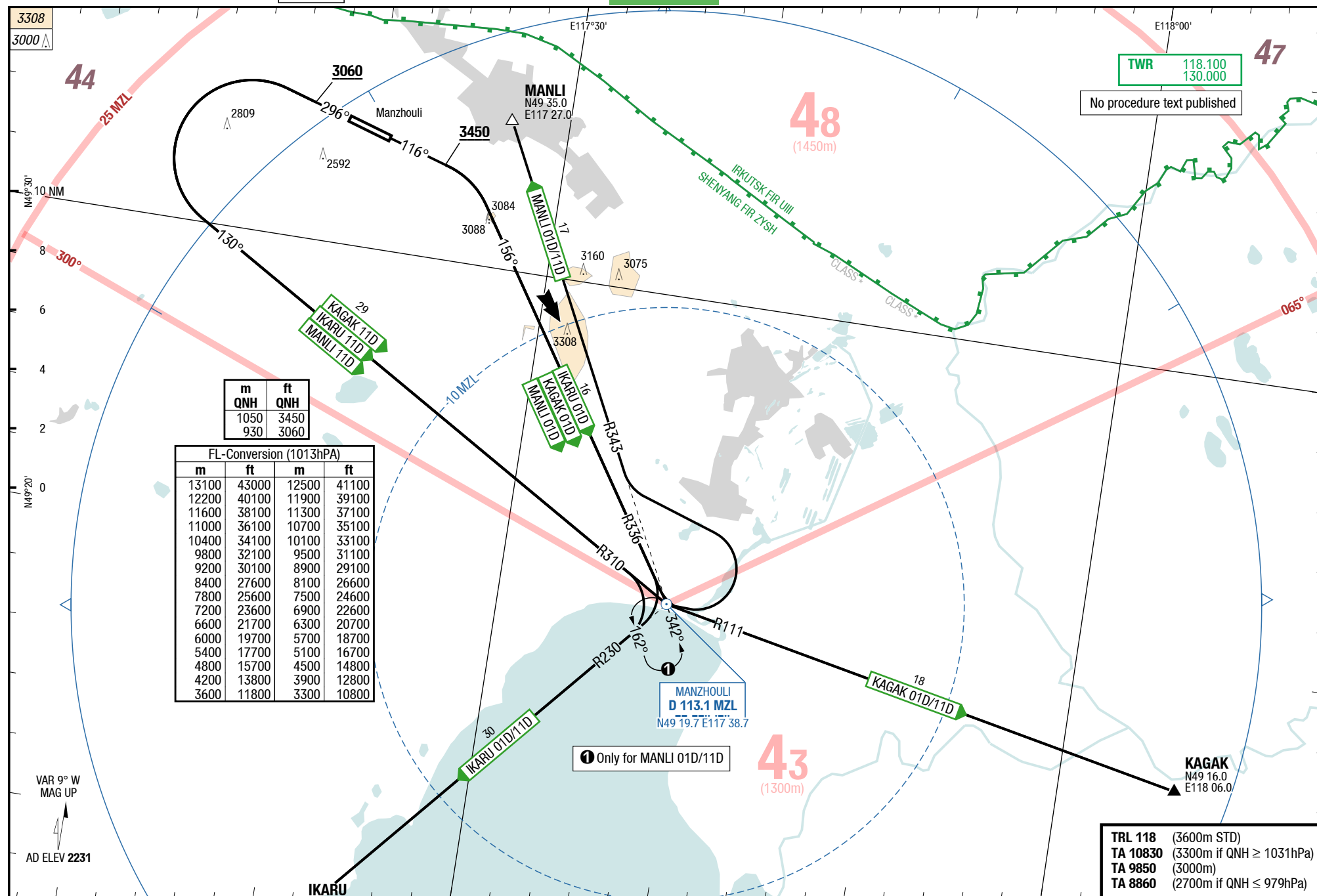
SID

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[NIL]

SIDs

4-30



Changes: new

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	1400

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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5-20

RNAV SIDs RWY 30**SIDPT****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.

Changes: New

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RNAV STARs RWY 12

STAR

RNAV STARs RWY 12



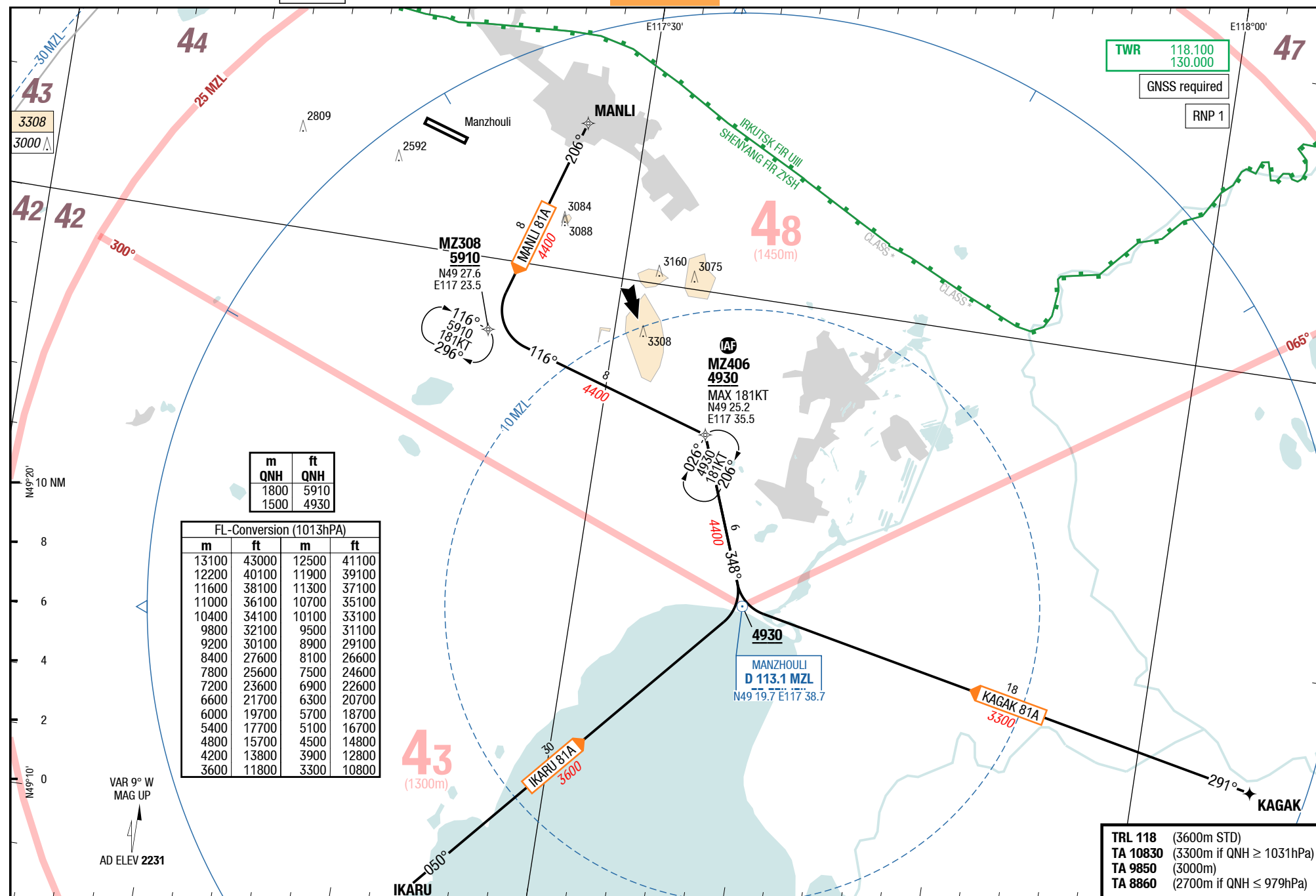
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RNAV STARs RWY 30

STAR

STAR

RNAV STARs RWY 30



Changes: new

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NIL

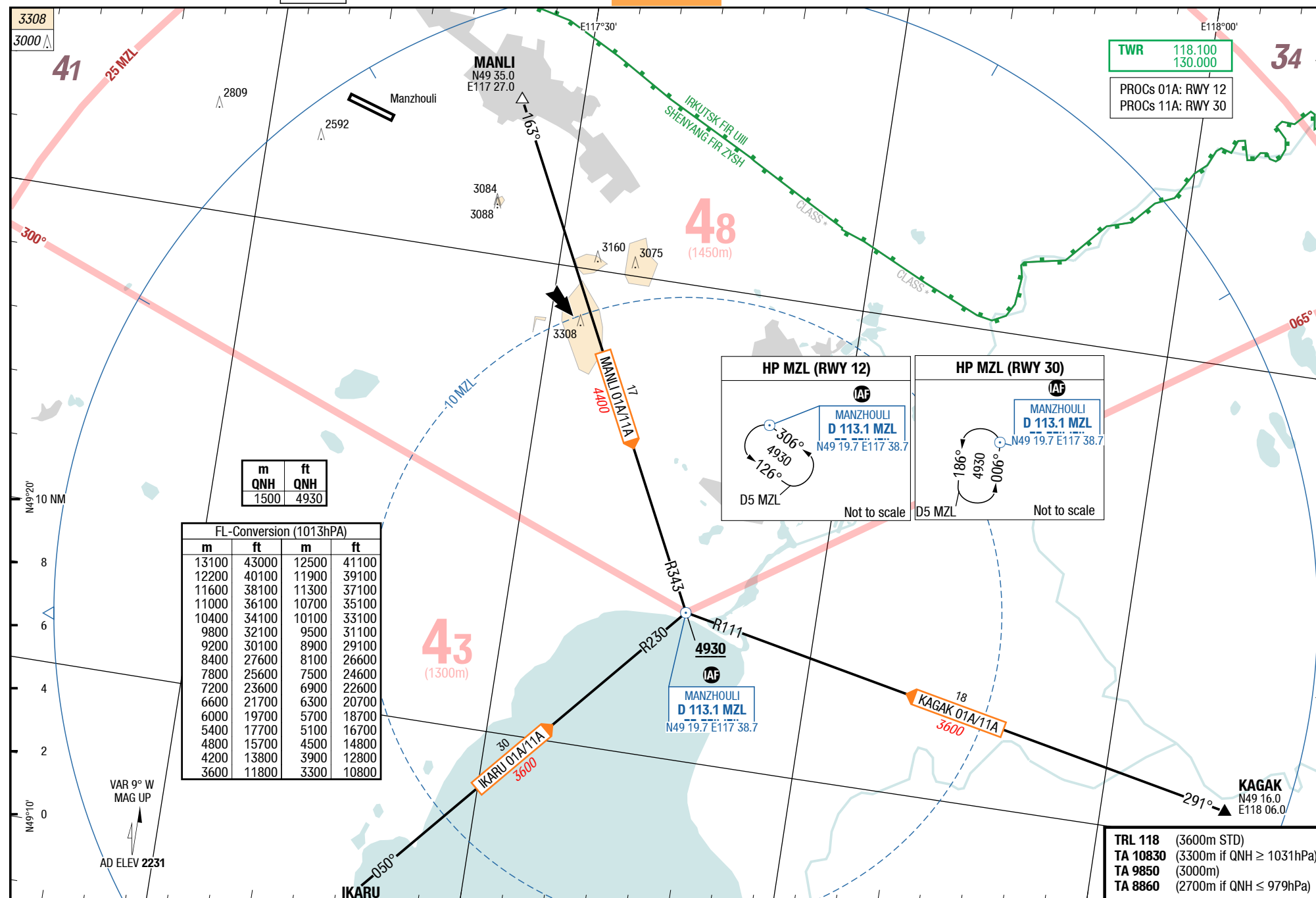
STARS

STAR

STAR

NIL

STARS



Changes: new

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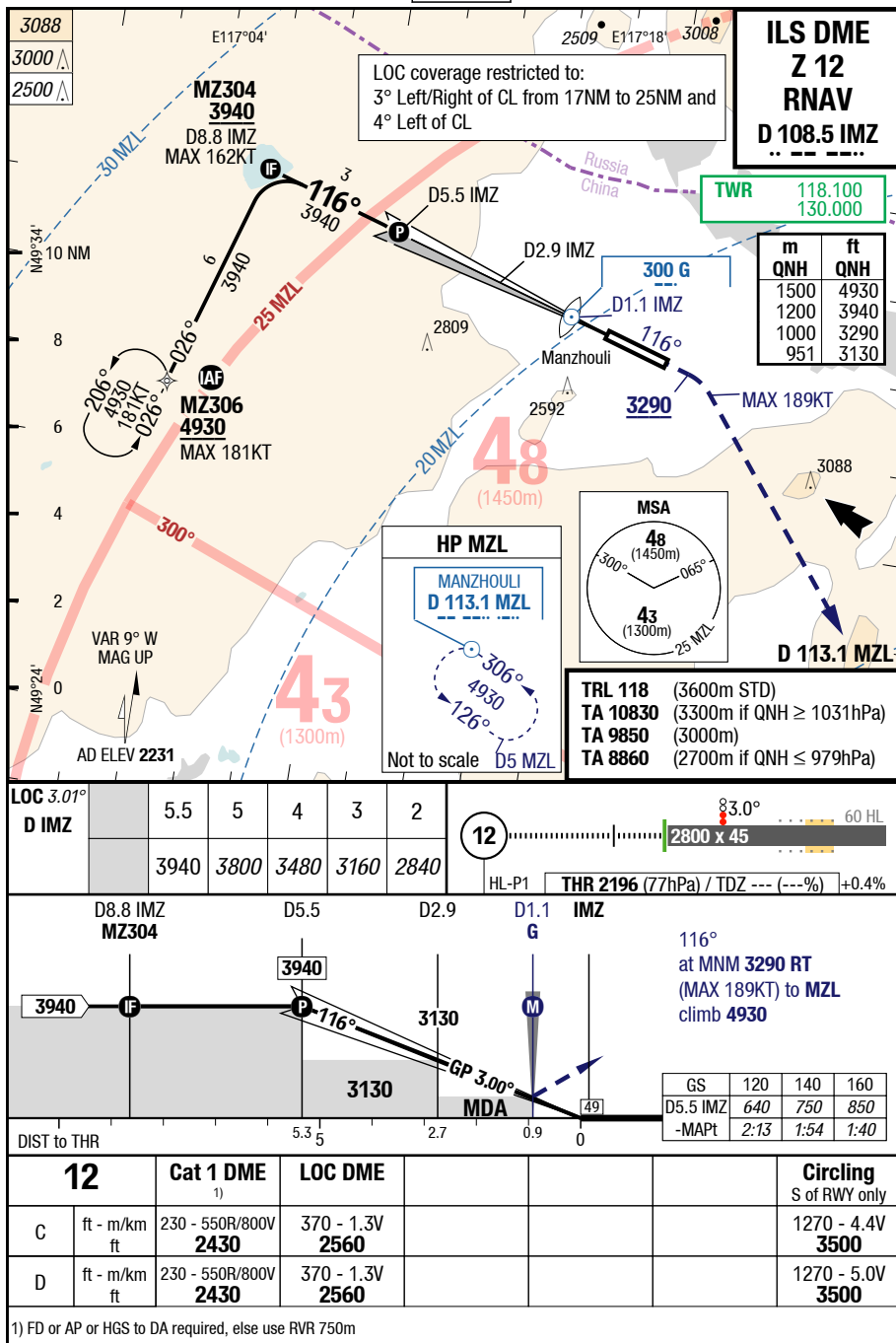
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IAC

7-10

ILS DME Z 12 RNAV



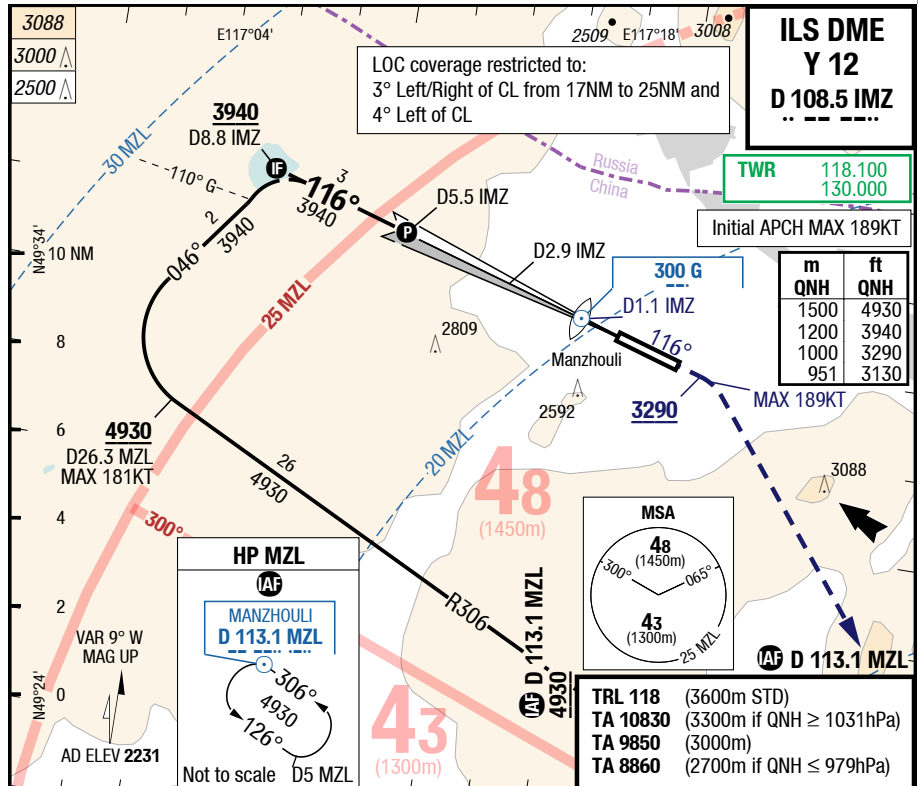
Changes: new

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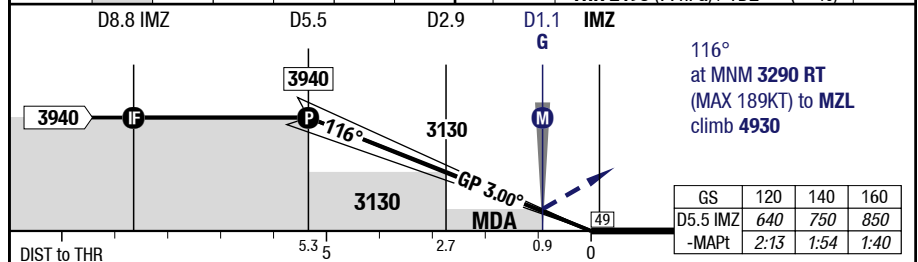
7-20

ILS DME Y 12



LOC 3.01°		5.5	5	4	3	2	
D IMZ		3940	3800	3480	3160	2840	

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



12	Cat 1 DME ¹⁾	LOC DME				Circling S of RWY only
C	ft - m/km ft 230 - 550R/800V 2430	370 - 1.3V 2560				1270 - 4.4V 3500
D	ft - m/km ft 230 - 550R/800V 2430	370 - 1.3V 2560				1270 - 5.0V 3500

1) FD or AP or HGS to DA required, else use RVR 750m

Changes: new

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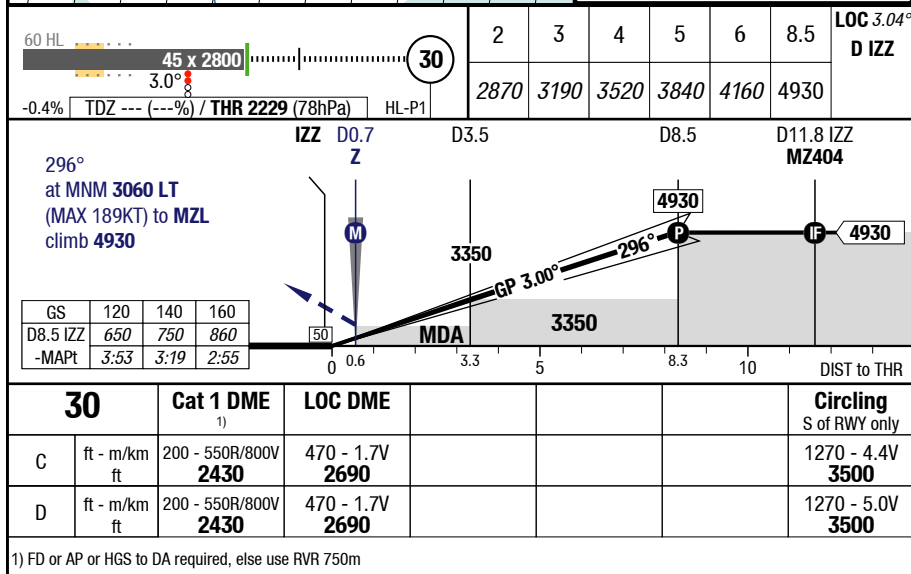
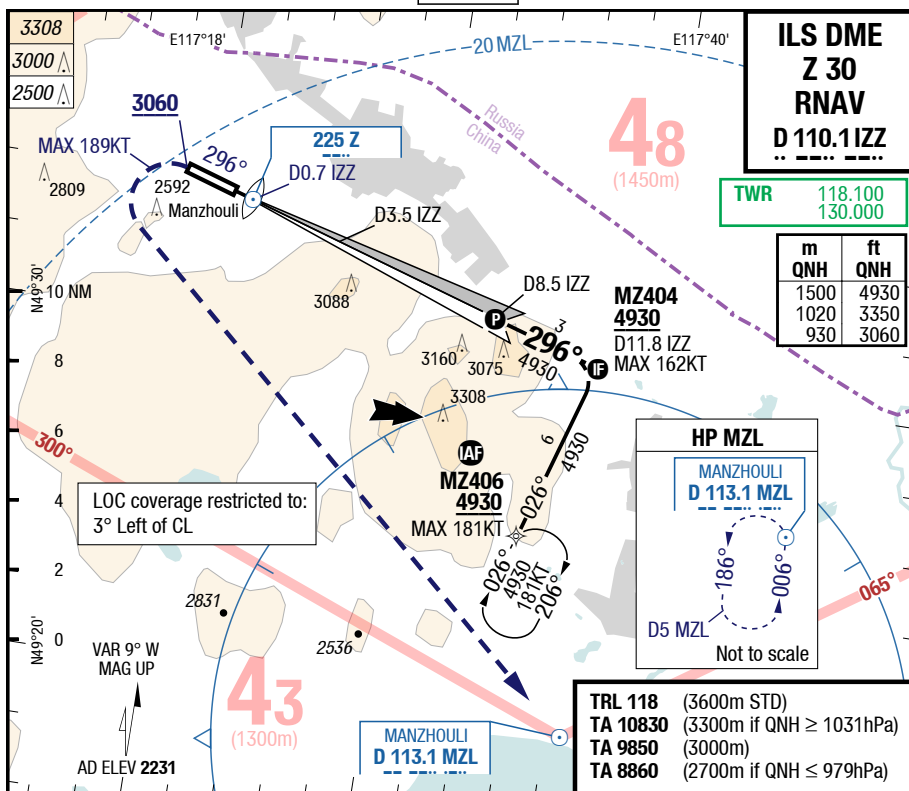
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7-30

ILS DME Z 30 RNAV

IAC



Changes: new

ILS DME Y 30



1) FD or AP or HGS to DA required, else use RVR 750m

Changes: new

NDB + DME 12



Changes: new

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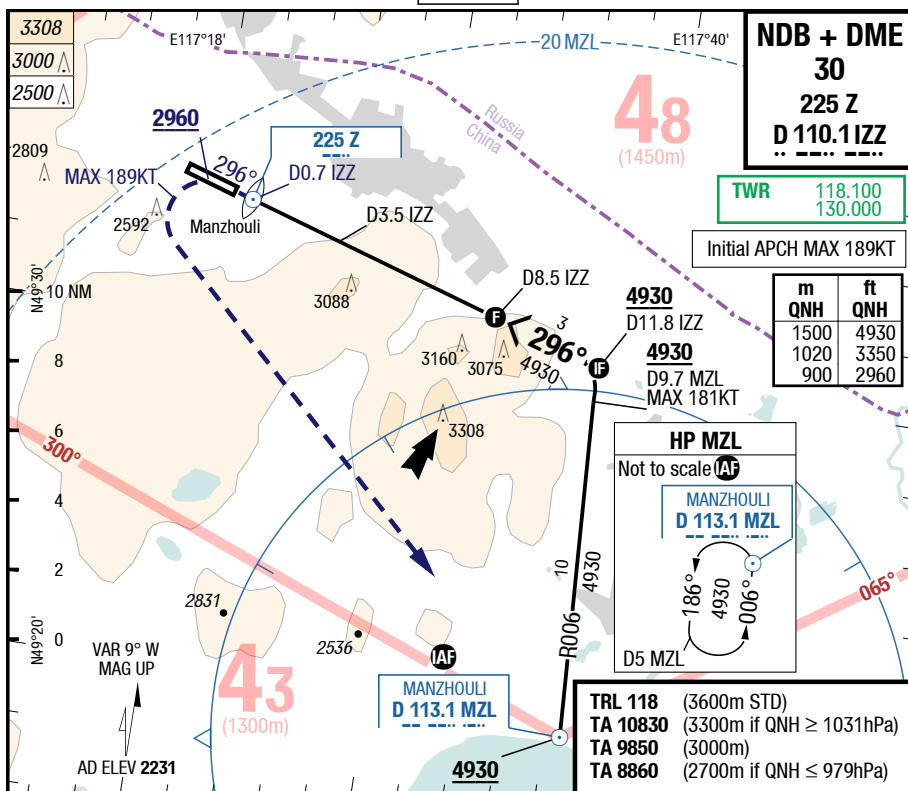
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7-60

NDB + DME 30



30		NDB DME IZZ		Circling S of RWY only	
C	ft - m/km ft	450 - 1.7V 2680		1270 - 4.4V 3500	
D	ft - m/km ft	450 - 1.7V 2680		1270 - 5.0V 3500	

Changes: new