

GENERAL**Operational Hours****ATS Hours:** See NOTAM.**AD OPS Hours:** See NOTAM.**AD ADMIN Hours:** MON-FRI 0700-1500†**Airport Information****RFF:** CAT 6, up to CAT 8 O/R**Fuel:** See NOTAM**PCN:** RWY 12/30: 77/F/B/X/T**Customs:** O/R**Operation****Low Visibility Procedure**

LVP in force when RVR below 550m or CEIL or vertical VIS below 200ft.

Only one ACFT at a time is allowed on the manoeuvring area when LVP is announced.

DEPARTURE**Take-off Minima**

RWY		12/30	
All ACFT	ft - m/km	0 - 400R/400V	HJ only
		0 - 800R/800V	HN

De-Icing

AVBL O/R

Effective 07-DEC-2017

30-NOV-2017

OER-ESNO

Sweden Ornskoldsvik

AGC
AFC

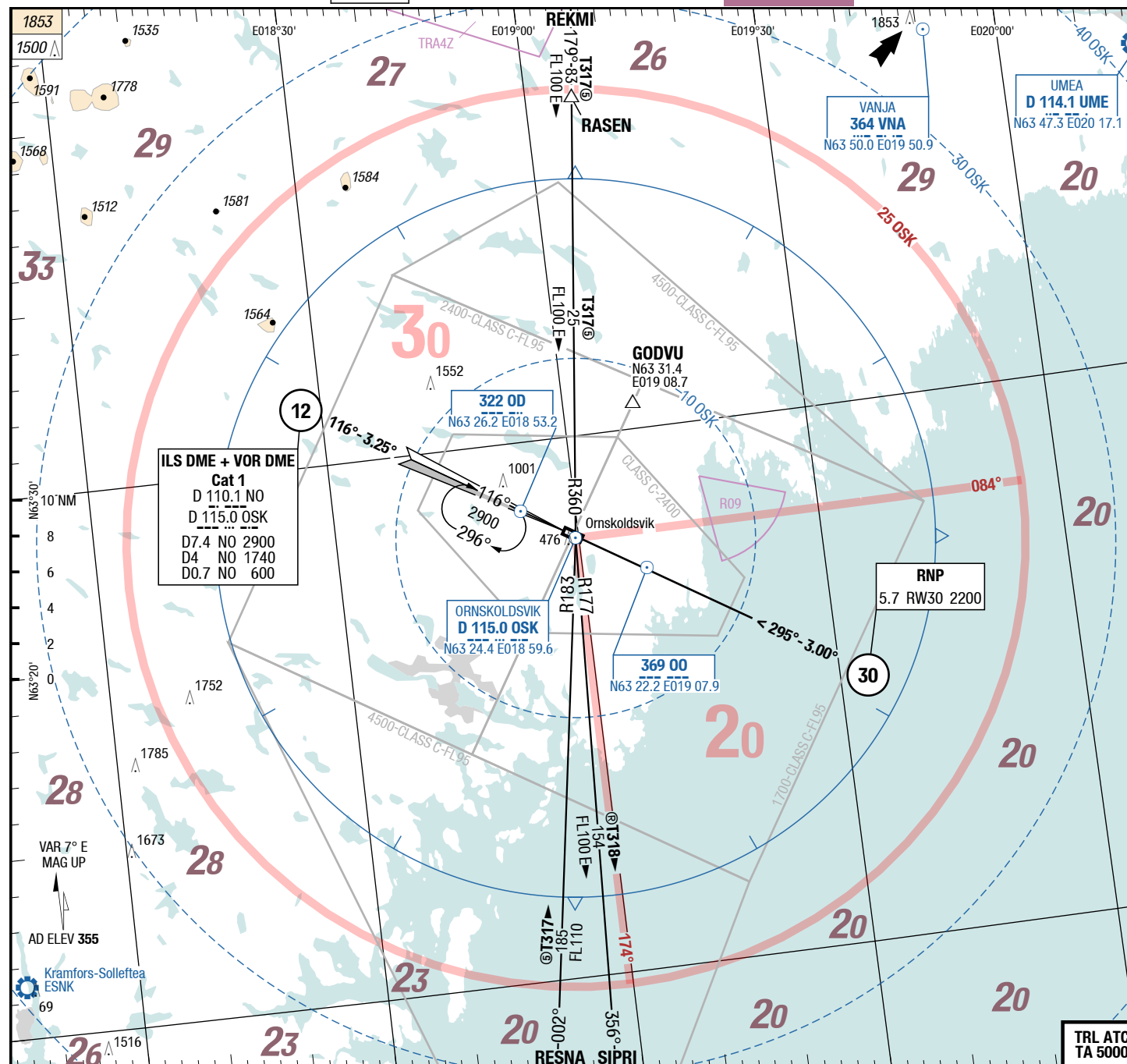
AFC

AFC

Ornskoldsvik Sweden

AGC
AFC

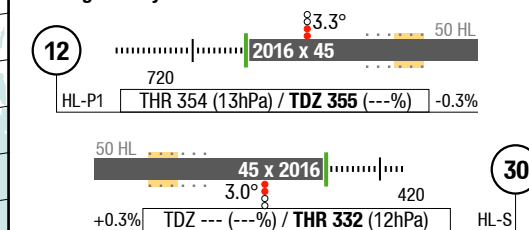
2-10



Ovik TWR

122.250 H0

Landing RWY system:



Changes: TDZE, PROC, WPT, OBST, THR ELEV, AD ELEV, AWY

Effective 07-DEC-2017

30-NOV-2017

OER-ESNO

Sweden Ornskoldsvik

AGC

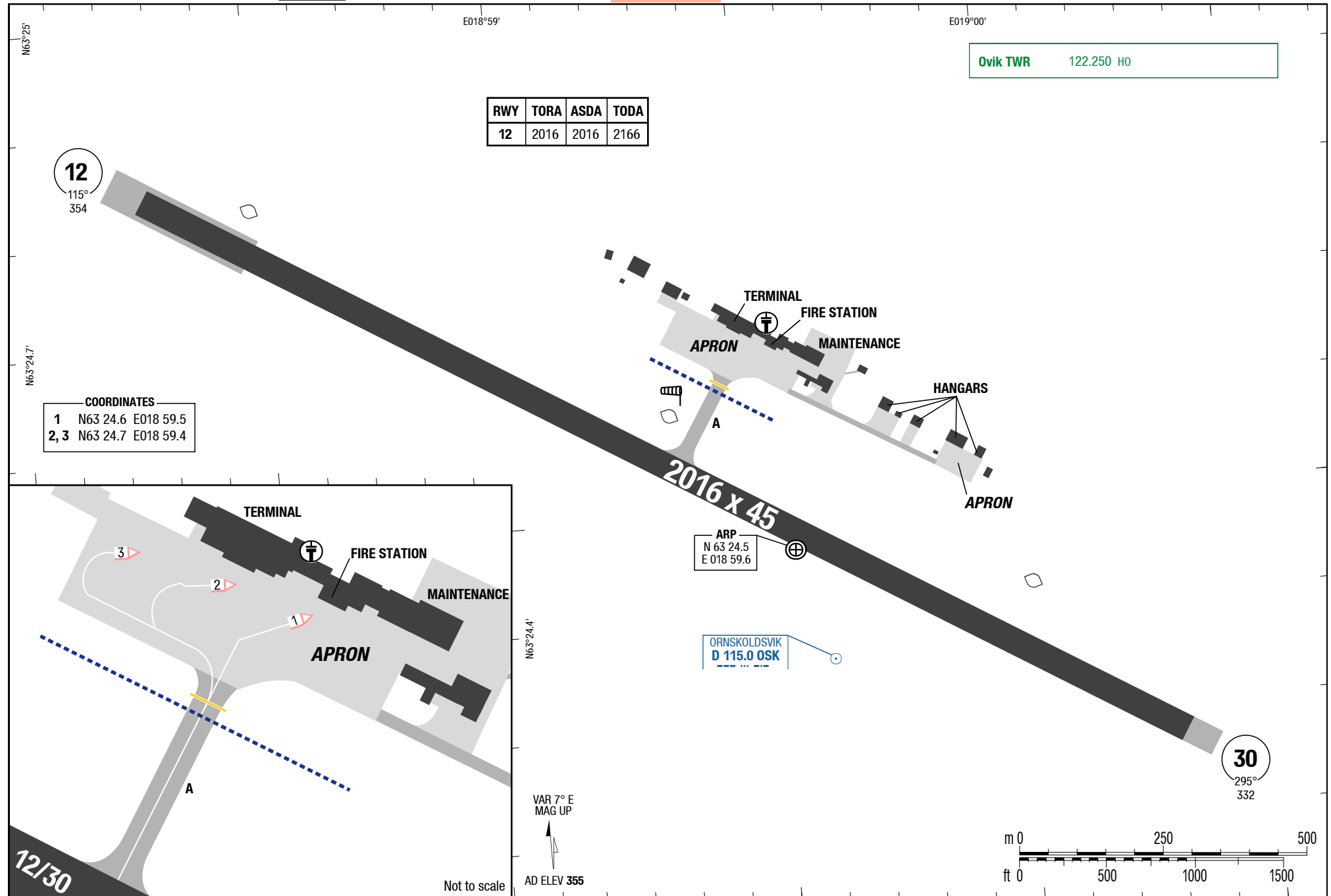
AGC

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Ornskoldsvik Sweden

AGC

3-20



Changes: THR ELEV, APN, AD ELEV, BLDG

DEPARTURES

	GS	120	150	180	210	240	270
5.1%	ft/MIN	700	800	1000	1100	1300	1400

RWY**Routing****OMNIDIRECTIONAL DEP****RWY 12**

116° - climb until MNM turning altitude **800** - continue climbing to appropriate MSA

RWY 30

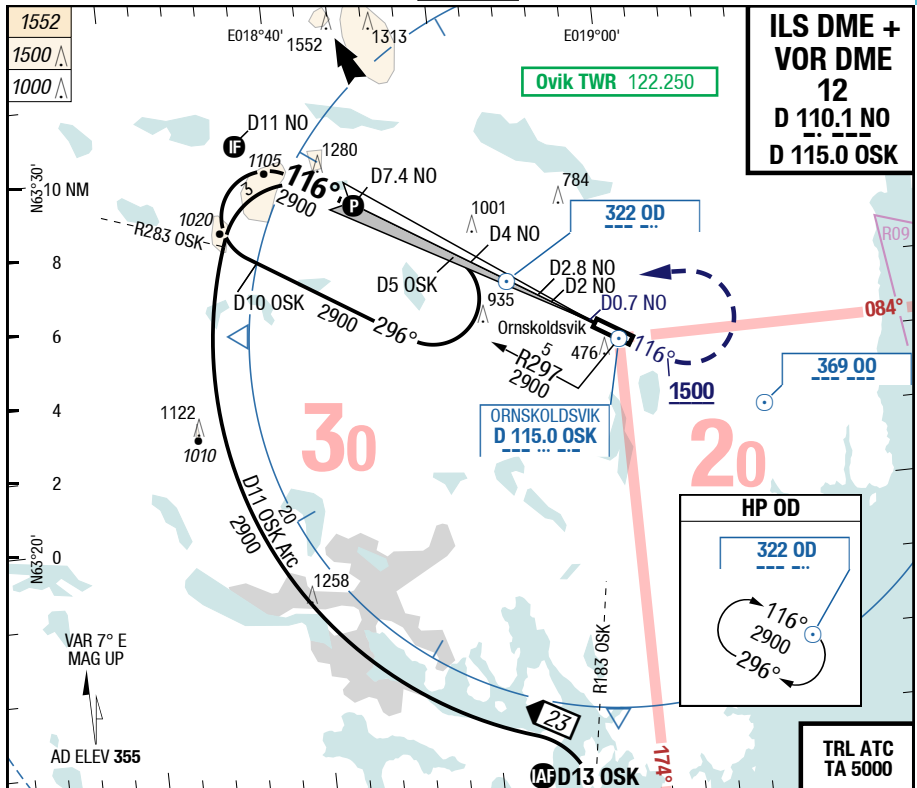
5.1% to **1200**

296° - climb until MNM turning altitude **1200** - continue climbing to appropriate MSA

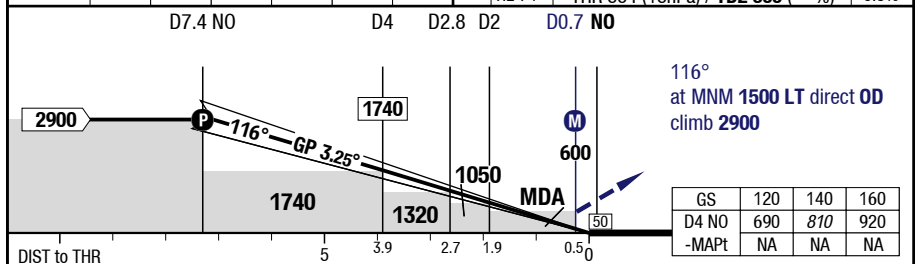
OER-ESNO

7-10

ILS DME + VOR DME 12



LOC 3.25° D NO 116° RWY 115°	7.4	7	6	5	3	2	<div> <div>12</div> <div> <div>83.3°</div> <div>50 HL</div> </div> <div> <div>720</div> <div>2016 x 45</div> </div> <div> <div>THR 354 (13hPa) / TDZ 355 (---%)</div> <div>-0.3%</div> </div> </div>
	2900	2770	2430	2080	1390	1050	



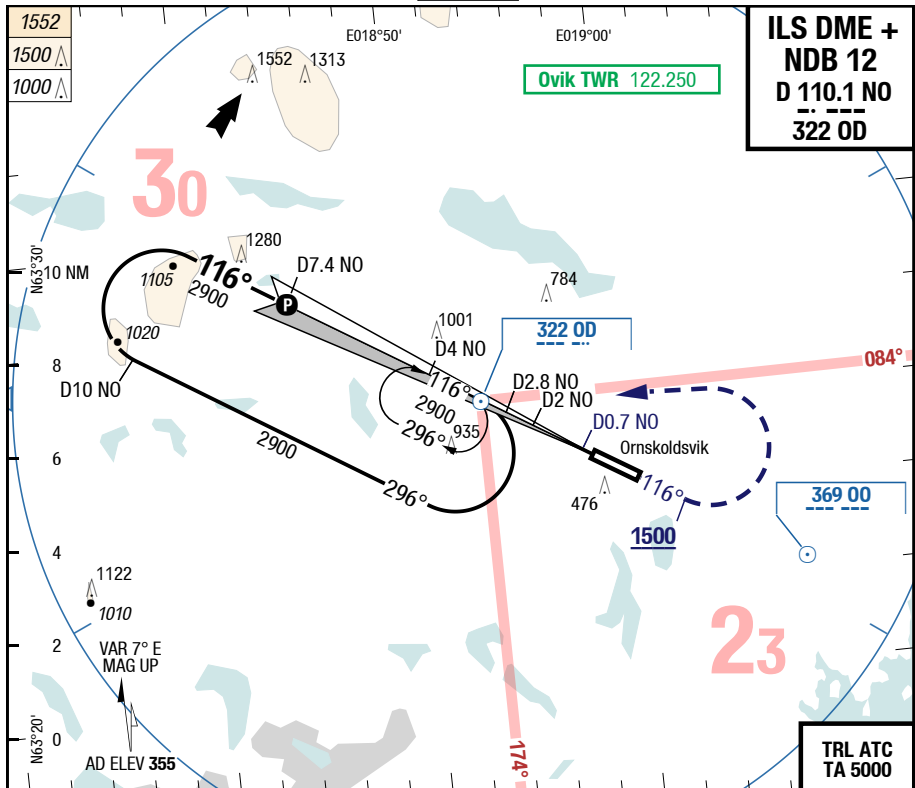
12		Cat 1 DME 1)	LOC DME				Circling
C	ft - m/km ft	200 - 550 560	390 - 1.1 740				1030 - 2.4V 1380
D	ft - m/km ft	200 - 550 560	390 - 1.1 740				1050 - 3.6V 1400

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

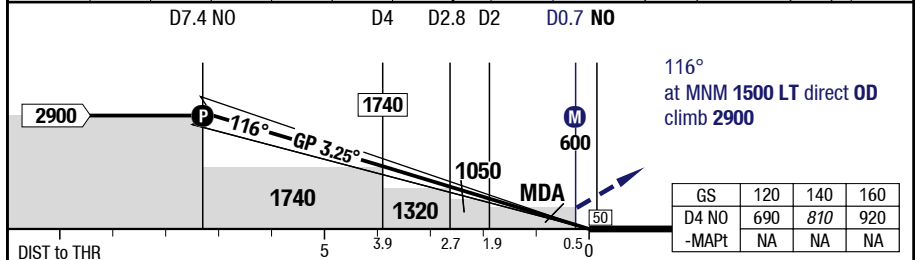
OER-ESNO

7-20

ILS DME + NDB 12

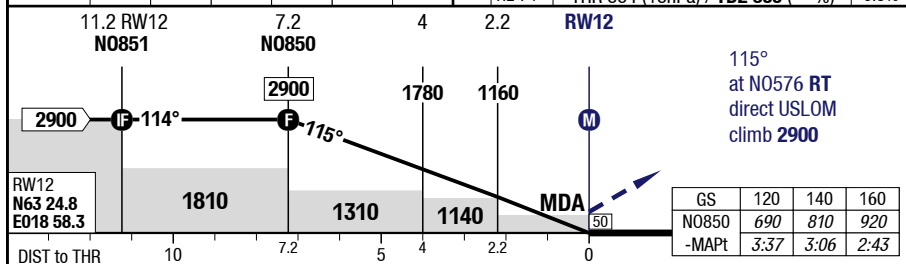
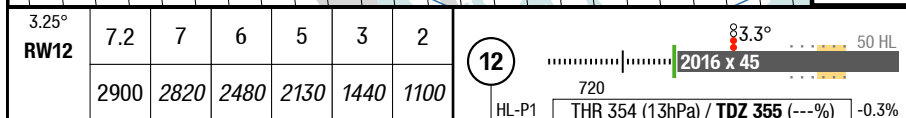
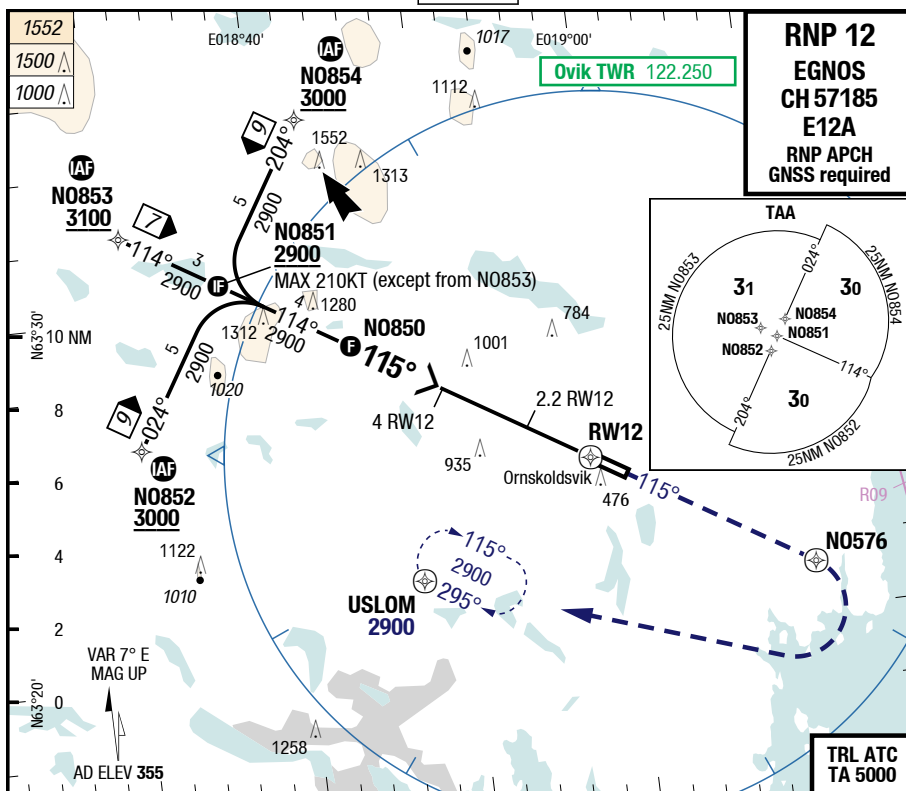


LOC 3.25°	7.4	7	6	5	3	2	12	83.3°	50 HL
D NO	2900	2770	2430	2080	1390	1050	720	2016 x 45	
RWY 115°	2900	2770	2430	2080	1390	1050	720	2016 x 45	
	D7.4 NO	D4	D2.8	D2	D0.7 NO		THR 354 (13hPa) / TDZ 355 (---%)	-0.3%	



12	Cat 1 DME ¹⁾	LOC DME				Circling
C	ft - m/km ft	200 - 550 560	390 - 1.1 740			1030 - 2.4V 1380
D	ft - m/km ft	200 - 550 560	390 - 1.1 740			1050 - 3.6V 1400

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



12		RNP LPV ¹⁾	RNP LNAV				Circling
C	ft - m/km ft	250 - 750 610	390 - 1.1 740				Not published
D	ft - m/km ft	260 - 750 620	390 - 1.1 740				Not published

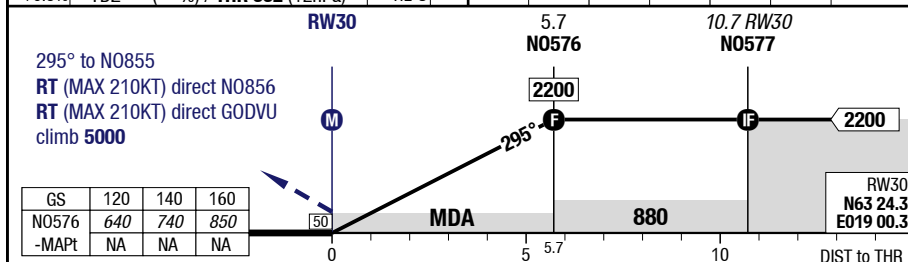
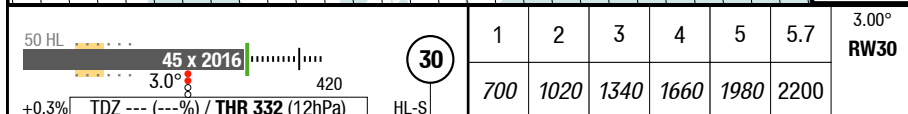
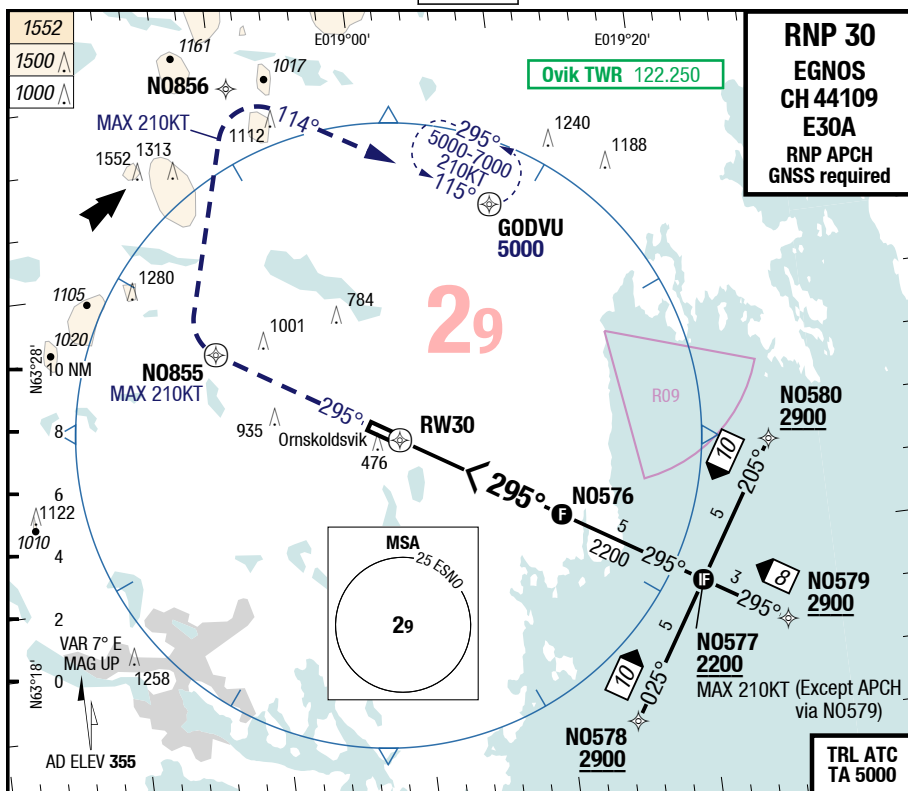
1) With EVS 550m

Changes: new

OER-ESNO

7-40

RNP 30



30		RNP LPV 1)	RNP VNAV 1) 2)	RNP LNAV	Circling	
C	ft - m/km ft	270 - 900 600	280 - 900 610	340 - 1.1 670		Not published
D	ft - m/km ft	280 - 900 610	290 - 900 620	340 - 1.1 670		Not published

1) With EVS 600m

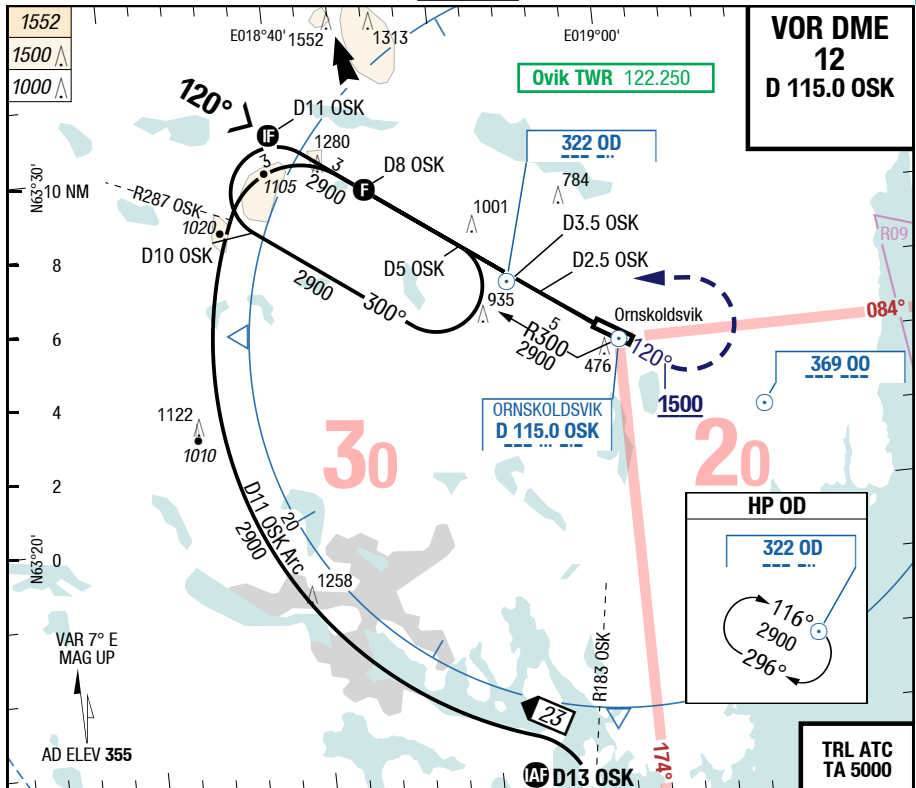
2) Uncompensated BARO VNAV NA below -25°C (-13°F)

Changes: Page Number

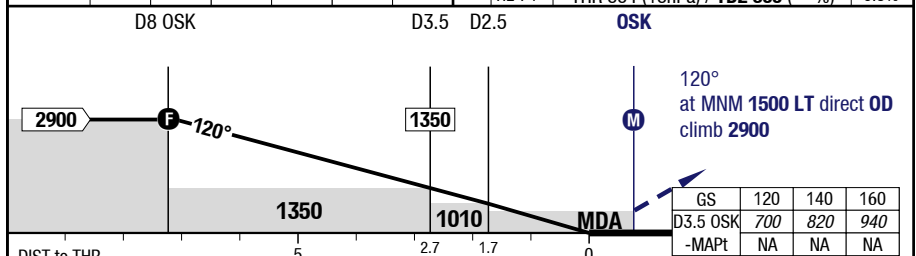
OER-ESNO

7-50

VOR DME 12



3.31°	8	6	5	4	3	2	12	83.3°	50 HL
D OSK									
120°									
RWY 115°	2900	2250	1890	1540	1190	840	720	2016 x 45	
	D8 OSK						D3.5 D2.5 OSK		
	HL-P1						THR 354 (13hPa) / TDZ 355 (---%) -0.3%		

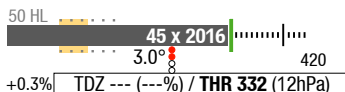
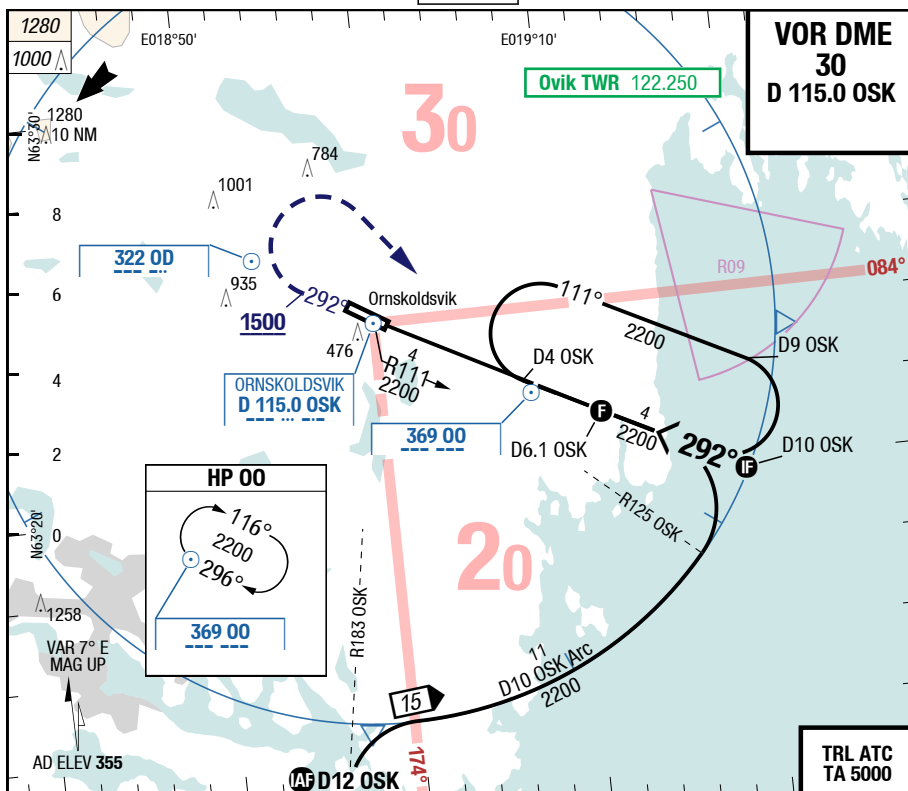


12	VOR DME	Circling
C	ft - m/km ft	1030 - 2.4V 1380
D	ft - m/km ft	1050 - 3.6V 1400

OER-ESNO

7-60

VOR DME 30



30

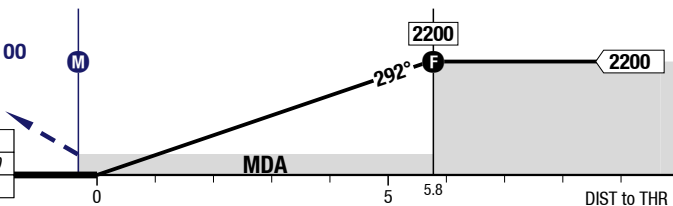
2	3	4	5	6.1	3.00° D OSK 292° RWY 295°
920	1240	1550	1870	2200	

OSK

D6.1 OSK

292°
at MNM 1500 RT direct 00
climb 2200

GS	120	140	160
D6.1 OSK	640	740	850
-MAPt	NA	NA	NA



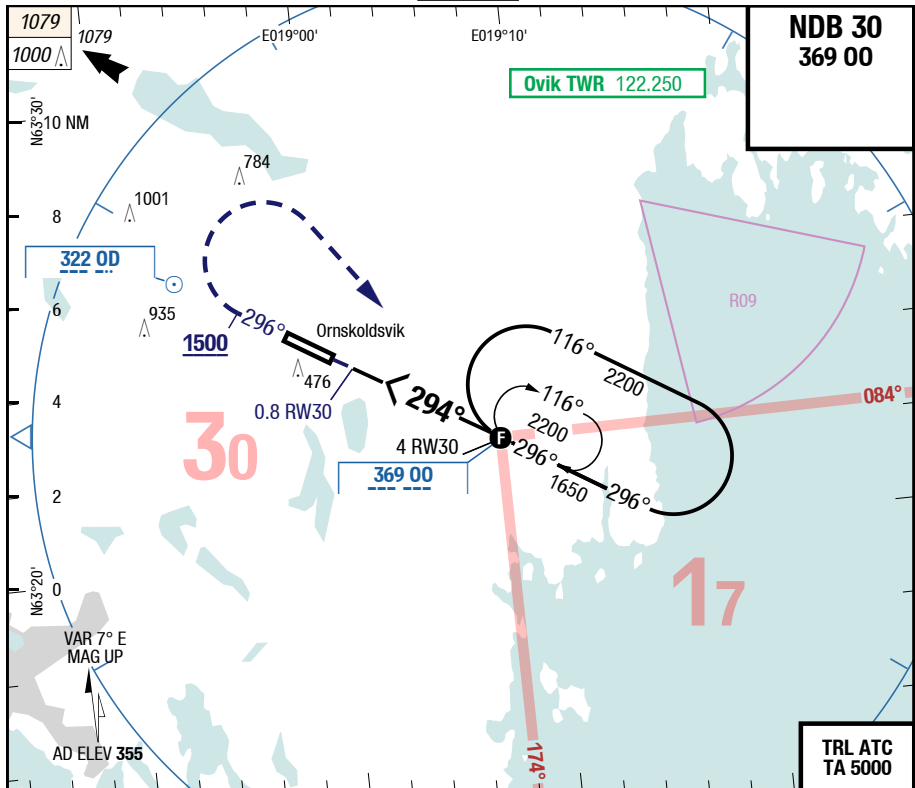
30	VOR DME					Circling
C	ft - m/km ft	360 - 1.2 690				1030 - 2.4V 1380
D	ft - m/km ft	360 - 1.2 690				1050 - 3.6V 1400

Changes: ALT, THR ELEV, OBST, AD ELEV

OER-ESNO

7-70

NDB 30



50 HL

45 x 2016

3.0°

+0.3% TDZ --- (---%) / THR 332 (12hPa)

HL-S

30

2

3

5

5.7

3.00°

RW30

294°

RWY 295°

1020

1340

1980

2200

RW30 0.8

4

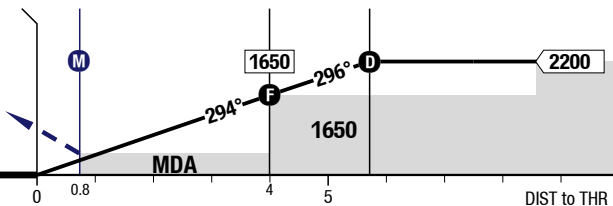
5.7 RW30

296°

at MNM 1500 RT direct 00

climb 2200

GS	120	140	160
00	640	740	850
-MAPt	1:36	1:22	1:12



30

NDB

Circling

C

ft - m/km

ft

380 - 1.3

710

1030 - 2.4V

1380

D

ft - m/km

ft

380 - 1.3

710

1050 - 3.6V

1400

30-NOV-2017

OER-ESNO

Sweden Ornskoldsvik

NIL

MRC

MRC

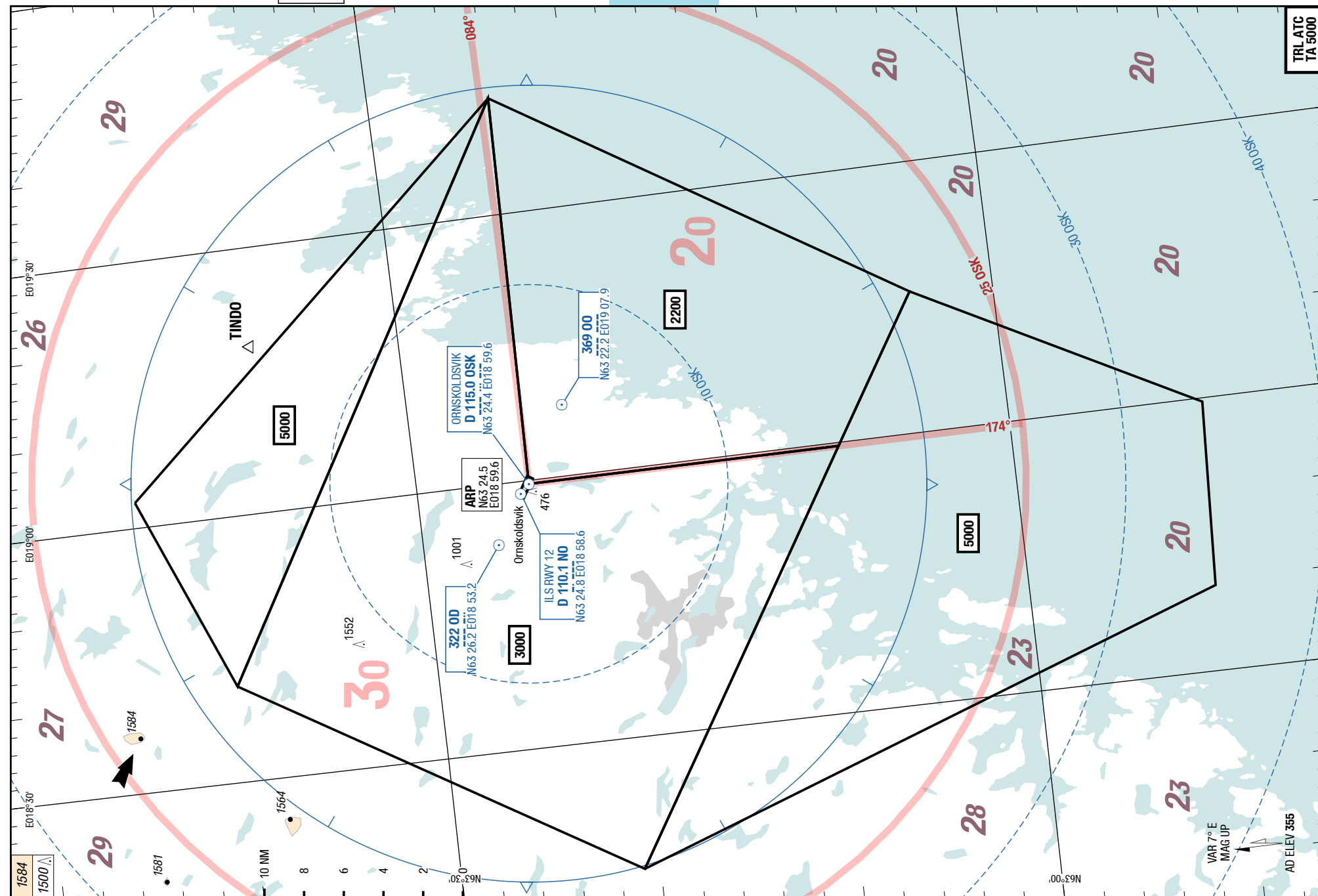
MRC

Ornskoldsvik Sweden

NIL

MRC

8-10



Changes: WPT RASEN, EDAXA, AD ELEV