

CRANES OPERATING IN ROENNE HARBOUR (NEAR EKRN AERODROME)

Ref. AIP Denmark, AIRAC SUP 04/26, "Differentiated instrument approach procedures to EKRN Bornholm/Rønne aerodrome".

Note: This SUP replaces RDAF FLIP SUP 02/25.

1 Introduction

From December 2025 to December 31, 2028, several land based cranes extending from 193 FT MSL to 492 FT MSL will be working in Rønne Harbour in periods of several months.

During the same period, several vessel based cranes extending from 400 FT MSL to 722 FT MSL will be working in Rønne Harbour in periods varying from several hours to several days.

All of these cranes penetrate the Inner Horizontal Surface and/or the Conical Surface and some will impact the instrument flight procedures at EKRN Bornholm/Rønne aerodrome.

To address this, three separate sets of instrument flight procedures have been established and these procedures will include additional instructions, guidelines, limitations or restrictions, to ensure the safe navigation of aircraft in the vicinity of the cranes. ATC will notify aircraft of which set of procedures are in use.

2 Operational Implications

2.1 Temporary obstacles.

The temporary obstacles are described in AIRAC AIP SUP 03/26 Cranes operating in Rønne Harbour (near EKRN Bornholm/Rønne aerodrome) available from:

<https://aim.naviar.dk/>

2.2 Instrument approach procedures

As of AIRAC 28 NOV 2024, all existing procedures are renamed with identification Z.

In addition to existing instrument approach procedures, temporary procedures with identification Y and X are published. Certain 2D instrument approach procedures are temporarily suspended and not issued in the Y and X versions, including **HPMA TACAN RWY 11**.

Procedures are listed on the following page.

continued...

List of procedures:

Existing IAC	Renamed/temporary IAC	Operational use
ILS or LOC RWY 11	ILS or LOC Z RWY 11	When cranes up to 348 FT are in operation. Cranes shown on chart
ILS or LOC RWY 29	ILS or LOC Z RWY 29	
COPTER ILS or LOC RWY 11	COPTER ILS or LOC Z RWY 11	
COPTER ILS or LOC RWY 29	COPTER ILS or LOC Z RWY 29	
HPMA TACAN RWY 11	HPMA TACAN Z RWY 11	
HPMA TACAN RWY 29	HPMA TACAN Z RWY 29	
RNP RWY 11	RNP Z RWY 11	
RNP RWY 29	RNP Z RWY 29	
	ILS or LOC Y RWY 11	When cranes between 349 FT to 525 FT are in operation. Cranes shown on chart
	ILS or LOC Y RWY 29	
	COPTER ILS or LOC Y RWY 11	
	COPTER ILS or LOC Y RWY 29	
	HPMA TACAN Y RWY 29	
	RNP Y RWY 11	
	RNP Y RWY 29	
	ILS or LOC X RWY 11	When cranes between 526 FT to 722 FT are in operation. Cranes shown on chart
	ILS or LOC X RWY 29	
	COPTER ILS or LOC X RWY 11	
	COPTER ILS or LOC X RWY 29	
	HPMA TACAN X RWY 29	
	RNP X RWY 11	
	RNP X RWY 29	

HPMA TACAN RWY 11 is not available as a Y- or X-procedure.

ATC WILL NOTIFY ARRIVING AIRCRAFT OF
WHICH SET OF PROCEDURE IS IN FORCE.

continued...

2.3 Departure procedures

Omnidirectional departure:

RWY 11: No changes.

RWY 29: Climb on track 272°. Procedure design gradient 6.1% to 1000 FT MSL, due to cranes at 722 FT / 2.1 NM NW of DER.

Continue on track until ROE DME 5.0 NM before turn is commenced.

NOTE: Propeller aeroplanes with a MTOM below 5700 KG may commence turn after passing 1000 FT.

Remark RWY 29: If unable to comply contact ATC 24 HR before ETD for alternative departure. Availability depending on obstacles in Rønne Harbour.

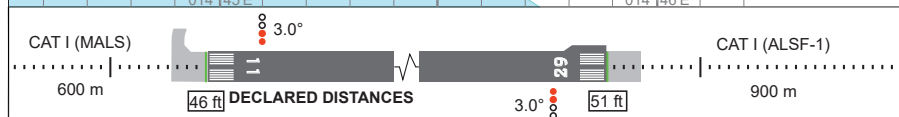
2.4 Noise Abatement Provisions

Take-off restrictions:

RWY 11: No changes.

RWY 29: After departure turn left, climb on track 272° until ROE DME 5.0 NM before turn is commenced.

NOTE: Propeller aeroplanes with a MTOM below 5700 KG may commence turn after passing 1000 FT.

ROENNE (EKRN)

RWY	PCN	DECLARED DISTANCES					THR ELEV	RWY LIGHTING					THR PSN		
		PSN	TORA	TODA	ASDA	LDA		THR	PAPI	TDZ	CL	EDGE			END
		THR													
18	38 F/B/X/T	A	6568	6568	6568	6568	46	LIH	3.00°			LIH	LIH	55°04.01'N 014°44.71'E	
		B	5928	5928	5928										
29		THR	6568	6568	6568	6568	51	LIH	3.00°			LIH	LIH	55°03.58'N 014°46.43'E	

1. IFR Arrival

1. IFR Arrival
1.1 Aircraft will normally be cleared by SWEDEN CONTROL to ROE VOR.
1.2 Navigation aid designated for radio communication failure during IMC for arriving aircraft is NDB FAU.

- ## 2. IFR Departure

- 2.1 Standard Instrument Departures (SID) have not been established.
2.2 Omnidirectional departures

RWY 11: Climb straight ahead to at least 700 FT MSL before turn is commenced.

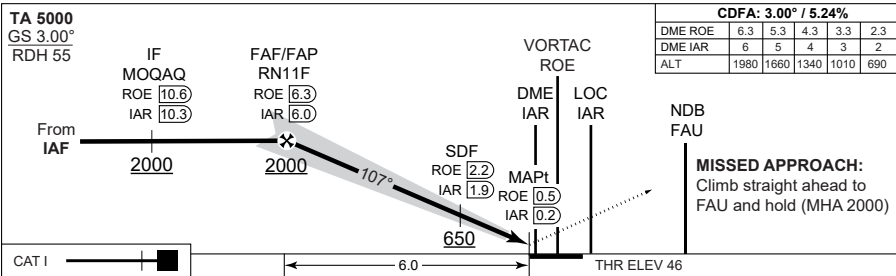
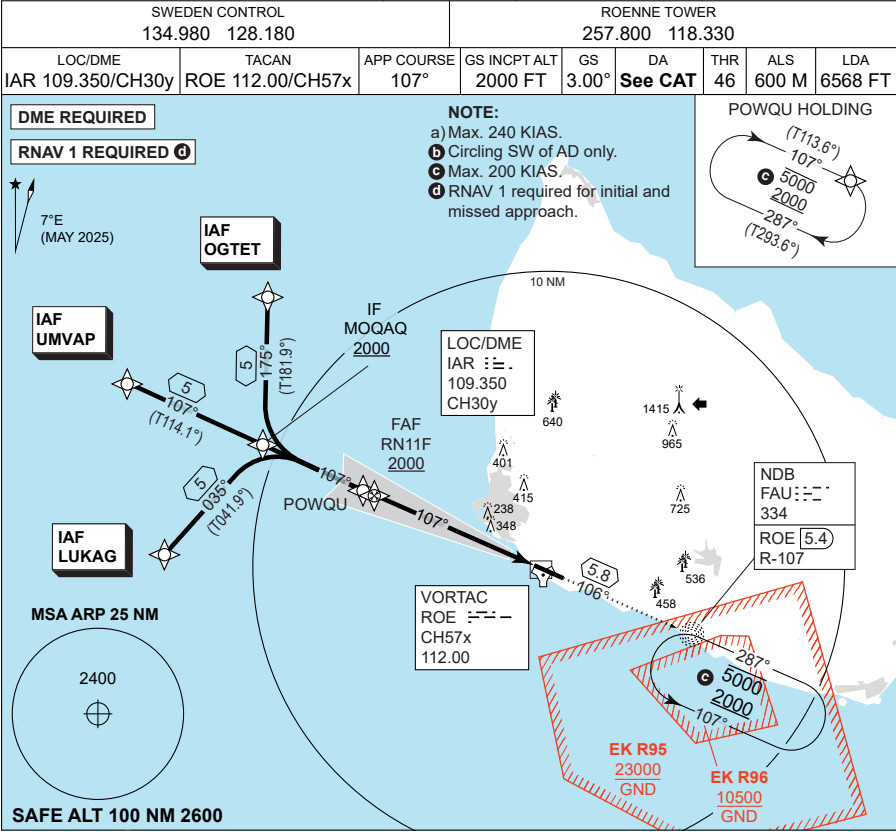
RWY 29: Climb on track 272°. Procedure design gradient 6.1% to 1000 FT MSL, due to cranes at 722 FT / 2.1 NM NW of DER. Continue on track until ROE DME 5.0 NM before turn is commenced.

NOTE: Propeller aeroplanes with a MTOM below 5700 KG may commence turn after passing 1000 FT.

Remark RWY 29: If unable to comply contact ATC 24 HR before ETD for alternative departure. Availability depending on obstacles in Rønne Harbour.

MIPS
INSTRUMENT APPROACH CHART

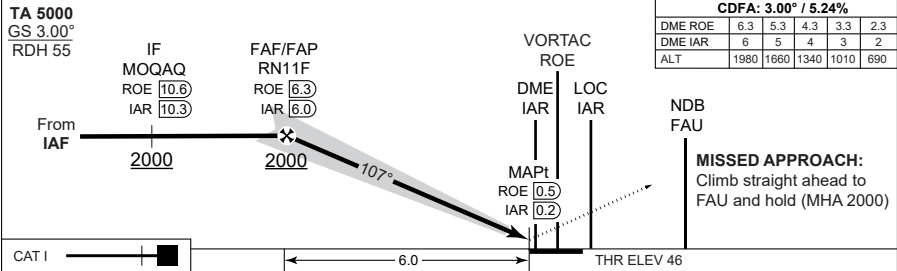
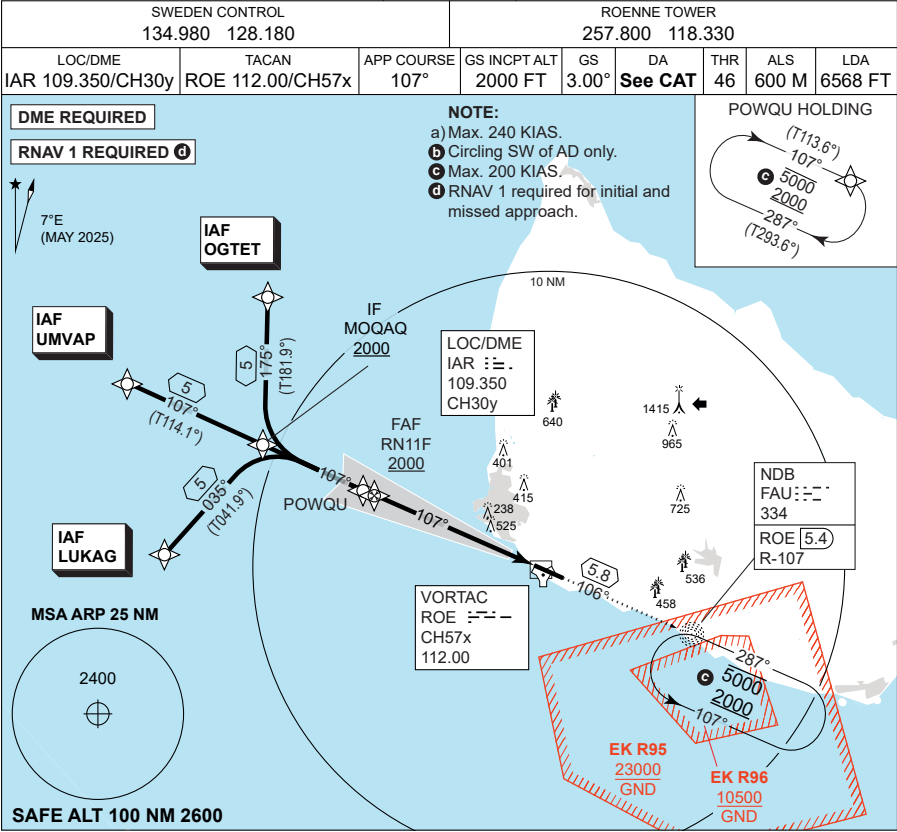
ILS or LOC Z RWY 11
ROENNE (EKRN)



CATEGORY	A	B	C	D	E
S-ILS 11	246 - 750 200 (200-0.8/1.2)				252 - 750 206 (300-0.8/1.2)
S-LOC 11	380 - 1100 328 (400-1.1/1.5)				
CIRCLING ①	470 - 1.5 418 (500-1.5)	650 - 1.6 598 (600-1.6)	730 - 2.4 678 (700-2.4)	750 - 3.6 698 (700-3.6)	840 - 3.6 788 (800-3.6)

MIPS
INSTRUMENT APPROACH CHART

ILS or LOC Y RWY 11
ROENNE (EKRN)



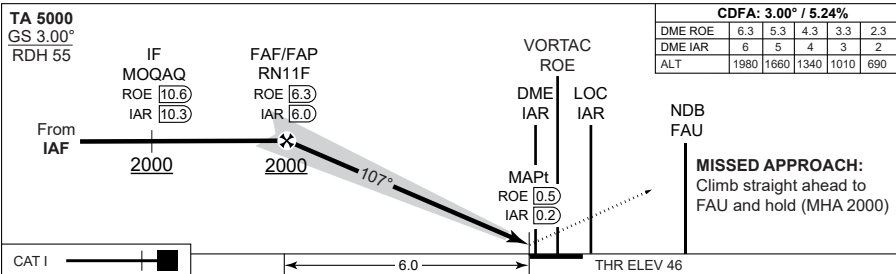
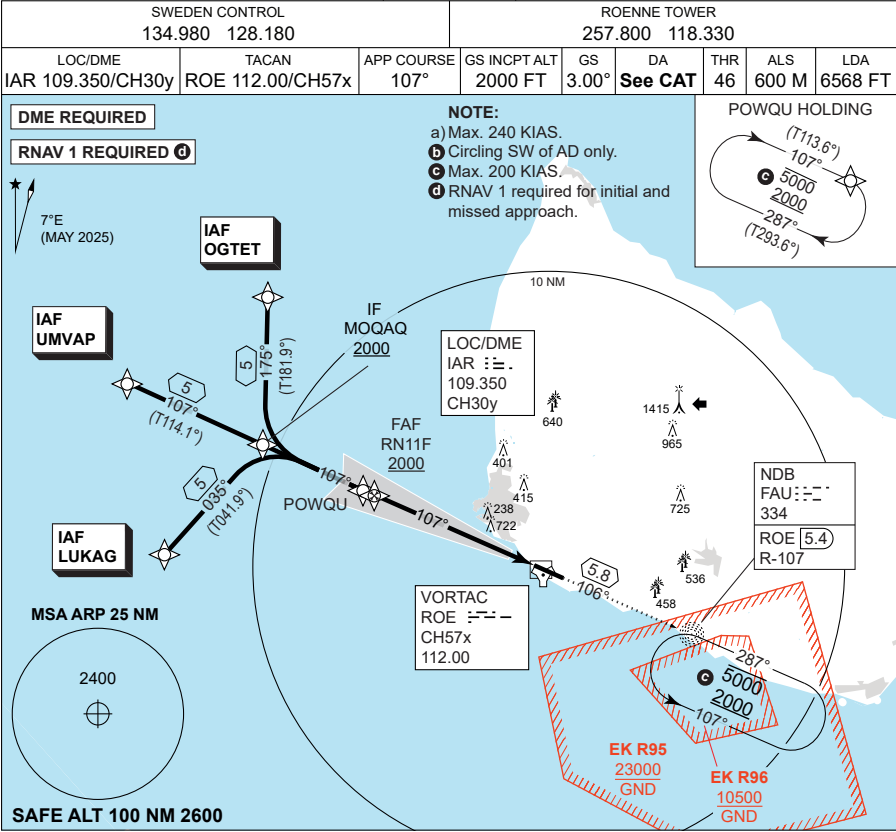
CATEGORY	A	B	C	D	E
S-ILS 11	246 - 750 200 (200-0.8/1.2)				252 - 750 206 (300-0.8/1.2)
S-LOC 11	NOT AUTHORISED				
CIRCLING	780 - 1.5 728 (800-1.5)	830 - 1.6 778 (800-1.6)	920 - 2.4 868 (900-2.4)	920 - 3.6 868 (900-3.6)	1020 - 3.6 968 (1000-3.6)

CHANGES: NEW PROCEDURE.

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026 - RDAF FLIP SUP.

MIPS
INSTRUMENT APPROACH CHART

ILS or LOC X RWY 11
ROENNE (EKRN)



CATEGORY	A	B	C	D	E
S-ILS 11	246 - 750 200 (200-0.8/1.2)				901 - 2400 855 (900-2.4/4.0)
S-LOC 11	NOT AUTHORISED				
CIRCLING	860 - 1.5 808 (900-1.5)	1020 - 1.6 968 (1000-1.6)	1120 - 2.4 1068 (1100-2.4)	1120 - 3.6 1068 (1100-3.6)	1220 - 3.6 1168 (1200-3.6)

ILS or LOC X RWY 11

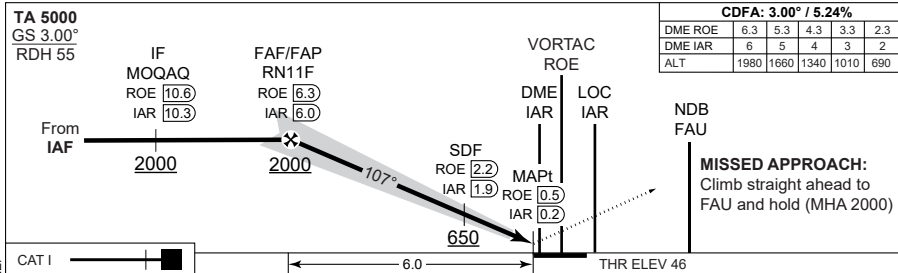
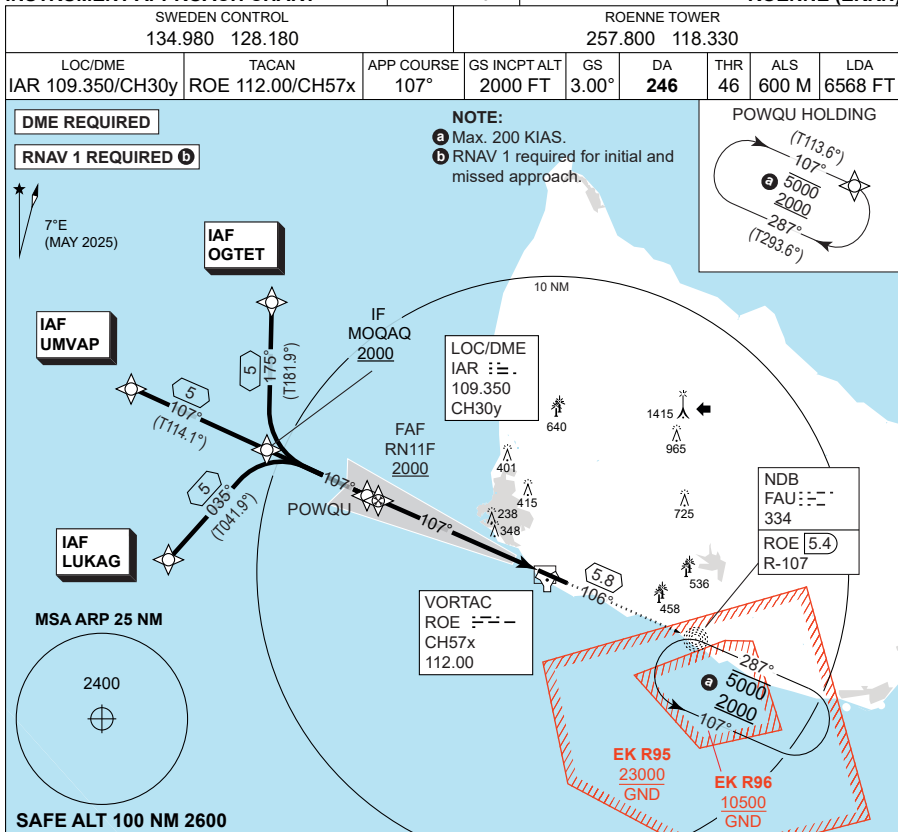
ROENNE (EKRN)

55°03.80'N
014°45.58'E
10-2

MIPS
INSTRUMENT APPROACH CHART

AD ELEV 52

COPTER ILS or LOC Z RWY 11
ROENNE (EKRN)



CATEGORY	H
H-ILS 11	246 - 400 200 (200-0.4/0.8)
H-LOC 11	380 - 400 328 (400-0.4/0.8)

COPTER ILS or LOC Z RWY 11

55°03.80'N
014°45.58'E
10-3

ROENNE (EKRN)

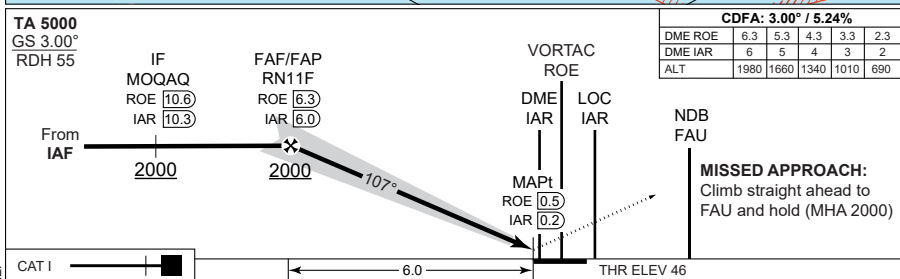
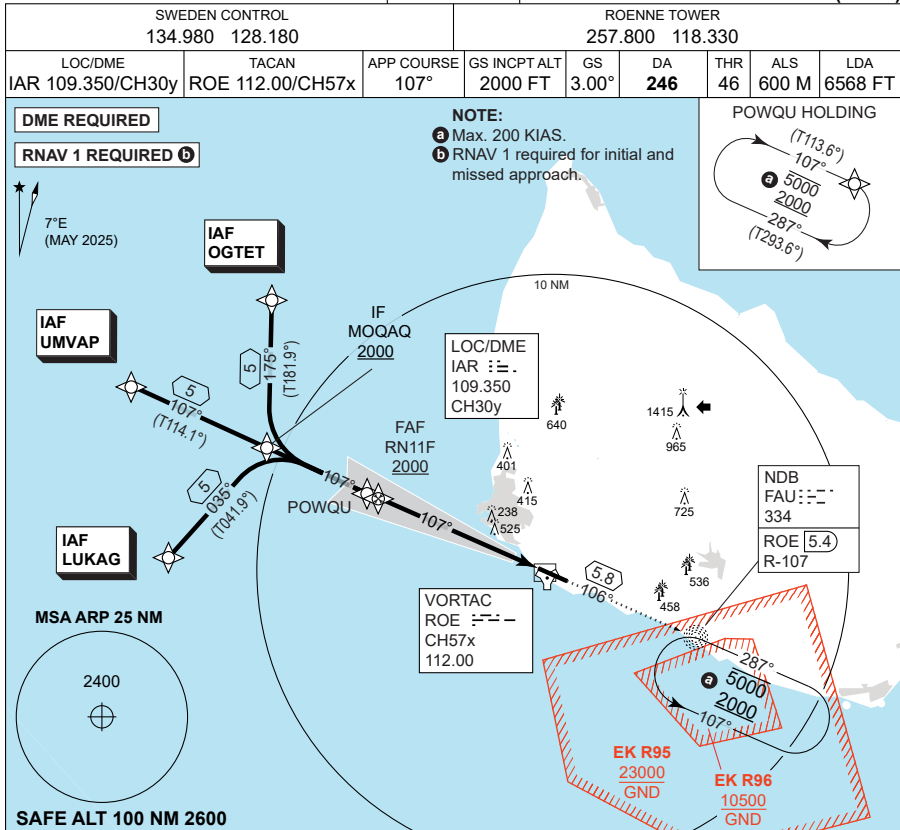
CHANGES: NEW PROCEDURE.

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026

MIPS
INSTRUMENT APPROACH CHART

AD ELEV 52

COPTER ILS or LOC Y RWY 11
ROENNE (EKRN)



CATEGORY	H
H-ILS 11	246 - 400 200 (200-0.4/0.8)
H-LOC 11	NOT AUTHORISED

COPTER ILS or LOC Y RWY 11

55°03.80'N
014°45.58'E
10-3

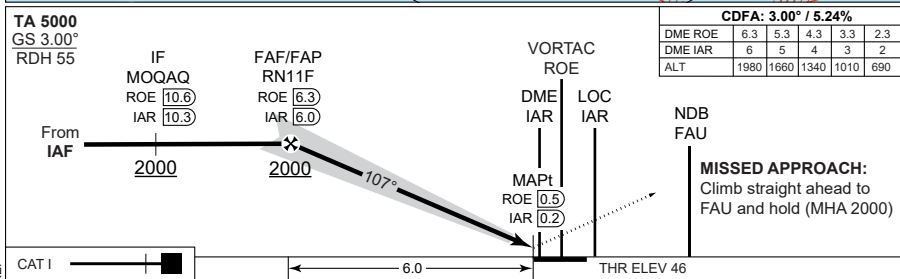
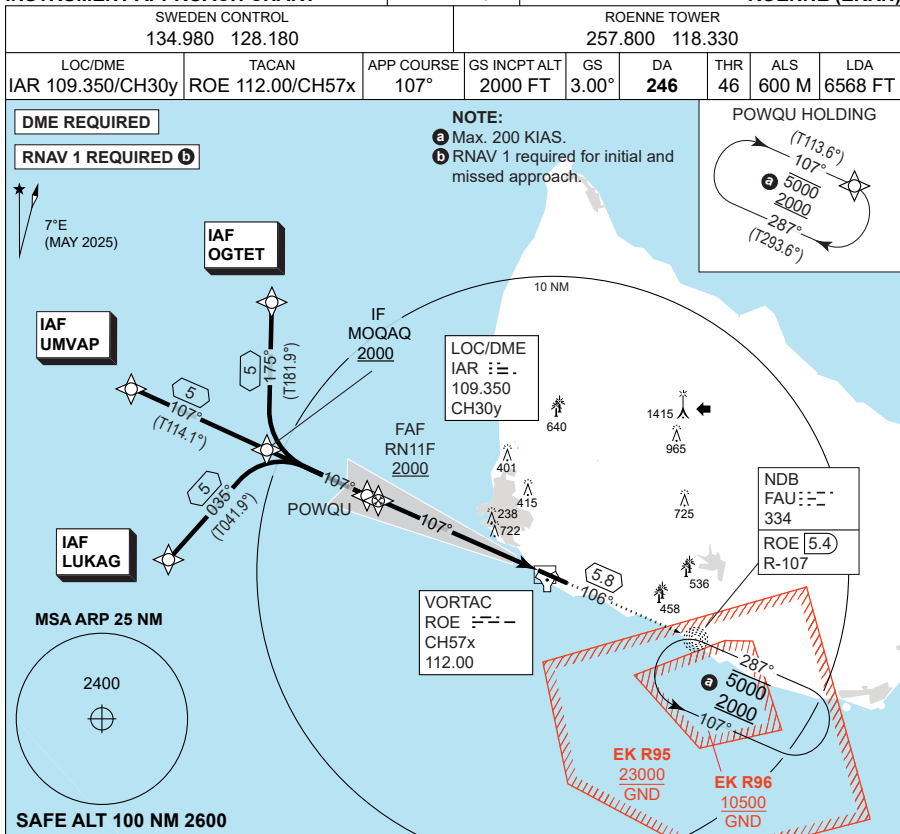
ROENNE (EKRN)

CHANGES: NEW PROCEDURE.

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026

MIPS
INSTRUMENT APPROACH CHART

COPTER ILS or LOC X RWY 11
ROENNE (EKRN)



CATEGORY	H
H-ILS 11	837 - 400 791 (800-0.4/0.8)
H-LOC 11	NOT AUTHORISED

COPTER ILS or LOC X RWY 11

55°03.80'N
014°45.58'E
10-3

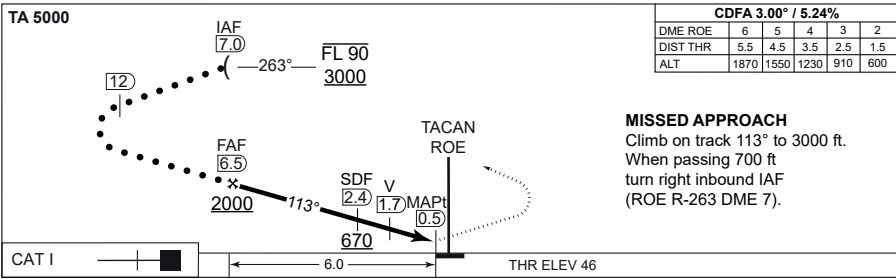
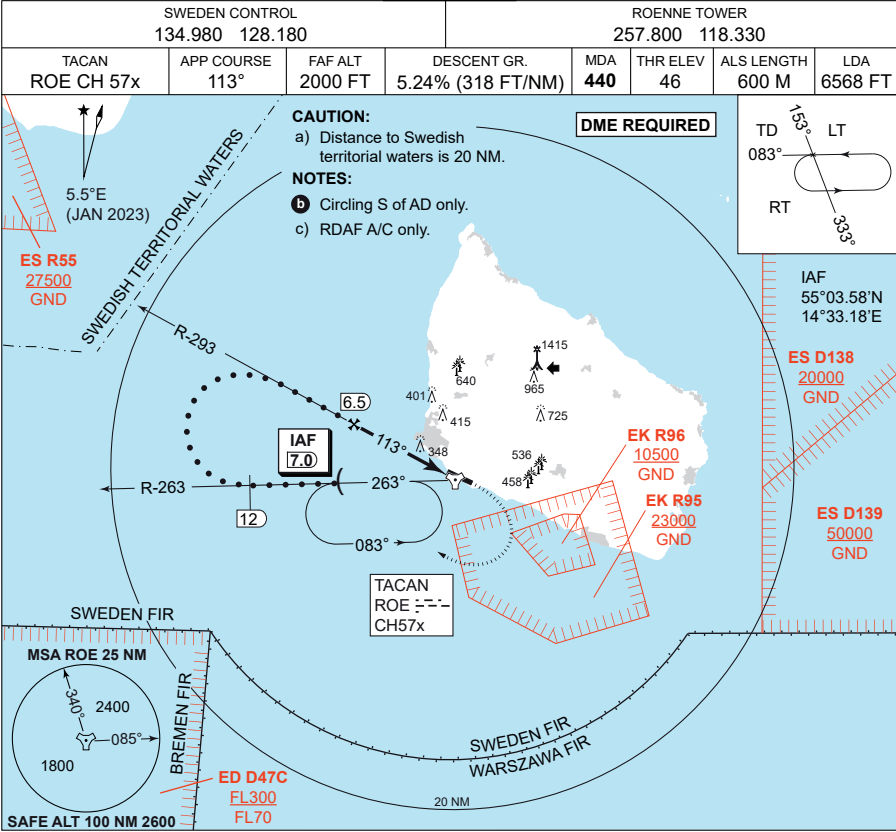
ROENNE (EKRN)

CHANGES: NEW PROCEDURE.

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026

MIPS
INSTRUMENT APPROACH CHART

HPMA TACAN Z RWY 11
ROENNE (EKRN)



CATEGORY		HPMA
MIPS	S-TACAN 11	440 - 1400 388 (400-1.4/1.8)
	CIRCLING	650 - 3.2 598 (600-3.2)

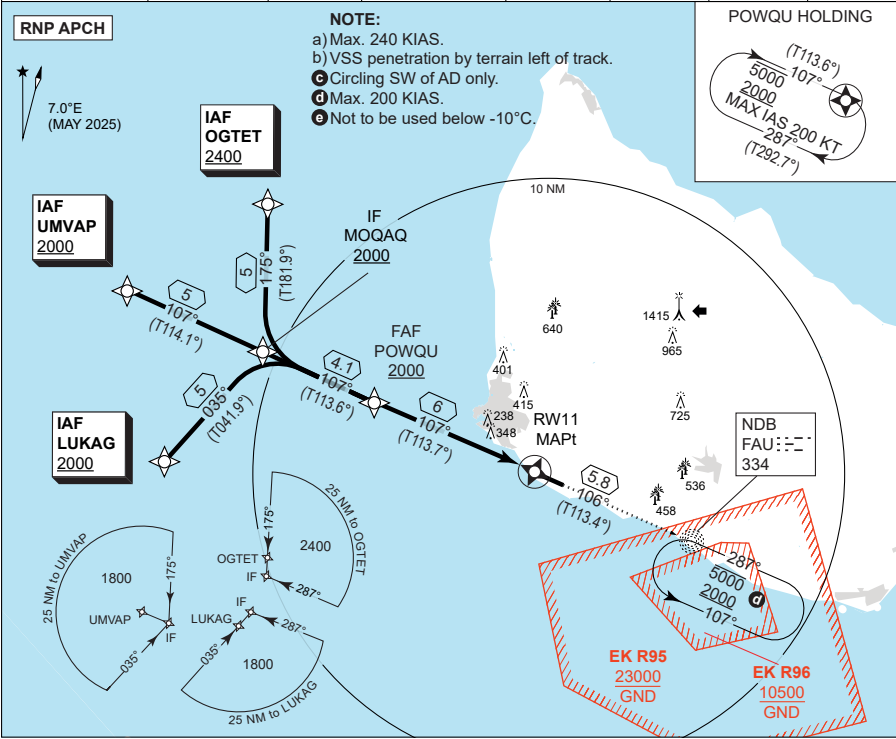
CHANGES: OBST. ELEVATION AT HARBOUR, CIRCLING MINIMA.

AIR COMMAND DENMARK - MIL AIM 28 NOV 2024 - RDAF FLUP SUP.

MIPS
INSTRUMENT APPROACH CHART

RNP Z RWY 11
ROENNE (EKRN)

Table with 8 columns: EGNOS CHANNEL, APP COURSE, FAF ALT, Descent GR, DA, THR ELEV, ALS length, LDA. Values include SWEDEN CONTROL, ROENNE TOWER, 57819 / E11A, 107°, 2000 FT, 3.00° (5.24%), See CAT, 46, 600, 6568 FT.



TA 5000, GS 3.00°, RDH 55. CDFA: 3.00° / 5.24%. Table with 5 columns: DIST THR, 2, 3, 4, 5, 6. Values include 730, 1050, 1370, 1690, 2000.

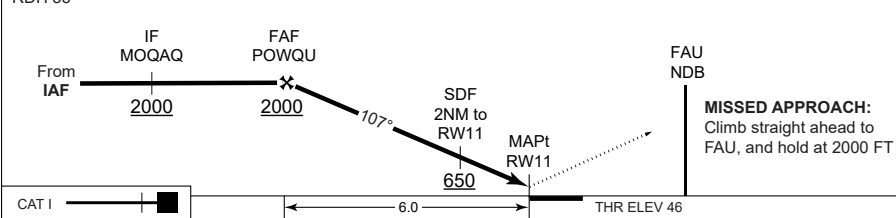


Table with 6 columns: CATEGORY, A, B, C, D, E. Rows include S-LPV, S-LNAV/VNAV, S-LNAV, CIRCLING, and various altitudes and distances.

RNP Z RWY 11

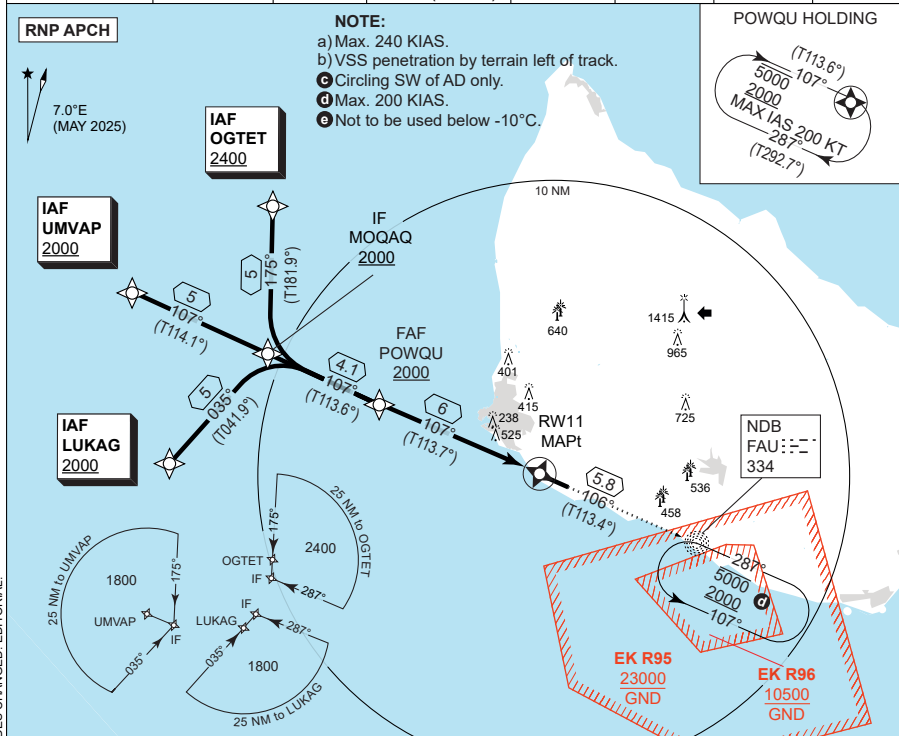
ROENNE (EKRN)

55°03.80'N
014°45.58'E
10-5

AD ELEV 52

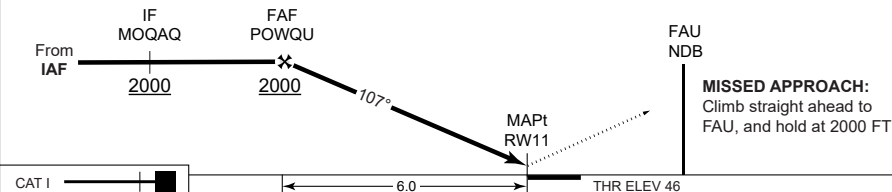
ROENNE TOWER	
257.800	118.330

EGNOS CHANNEL 63551 / E11B	APP COURSE 107°	FAF ALT 2000 FT	Descent GR 3.00° (5.24%)	DA See CAT	THR ELEV 46	ALS length 600	LDA 6568 FT
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TA 5000
GS 3.00°
RDH 55

CDFA: 3.00° / 5.24%					
DIST THR	2	3	4	5	6
Alt	730	1050	1370	1690	2000



CATEGORY		A	B	C	D	E
MIPS	S-LPV	296 - 600 250 (300-0.8/1.3)	296 - 600 250 (300-0.8/1.3)	305 - 600 259 (300-0.8/1.3)	315 - 600 269 (300-0.8/1.3)	315 - 600 269 (300-0.8/1.3)
	S-LNAV/VNAV (e)	660 - 1500 614 (700-1.5/2.8)	670 - 1500 624 (700-1.5/2.9)	680 - 2200 634 (700-2.2/2.9)	690 - 2300 644 (700-2.3/3.0)	705 - 2300 659 (700-2.3/3.0)
	S-LNAV	NOT AUTHORISED				
	CIRCLING (c)	780 - 1.5 728 (800-1.5)	830 - 1.6 778 (800-1.6)	920 - 2.4 868 (900-2.4)	920 - 3.6 868 (900-3.6)	1020 - 3.6 968 (1000-3.6)

RNP Y RWY 11

ROENNE (EKRN)

55°03.80'N
014°45.58'E
10-5

CHANGES: VAR AND DIRECTIONS CHANGED. HOLDING SPEEDS AND ALTITUDES CHANGED. EDITORIAL.

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026 - RDAF FLIP SUP.

MIPS
INSTRUMENT APPROACH CHART

RNP X RWY 11
ROENNE (EKRN)

Table with 8 columns: EGNOS CHANNEL, APP COURSE, FAF ALT, Descent GR, DA, THR ELEV, ALS length, LDA. Values include SWEDEN CONTROL, ROENNE TOWER, 134.980 128.180, 257.800 118.330, etc.

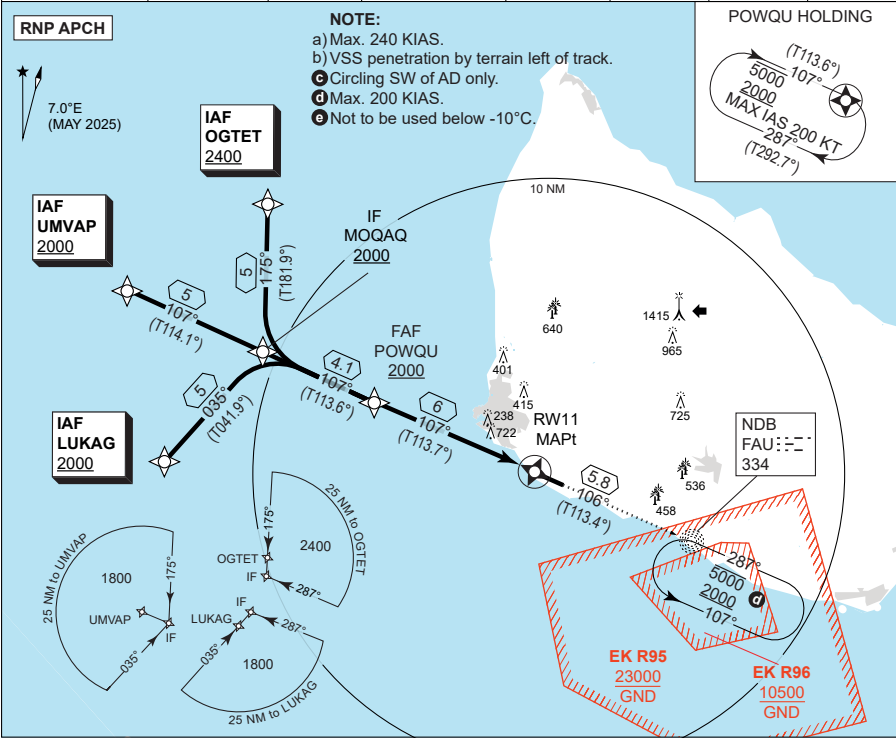


Table with 2 rows: TA 5000, GS 3.00°, RDH 55; and CDFA: 3.00° / 5.24% with DIST THR and ALT values.

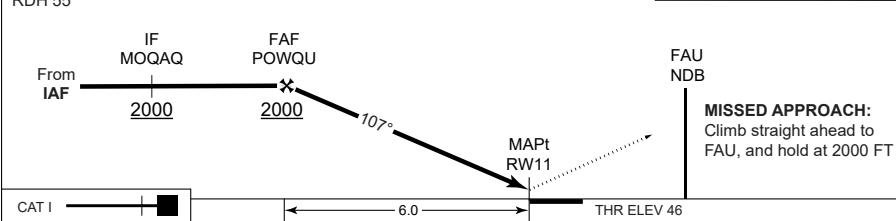


Table with 6 columns: CATEGORY, A, B, C, D, E. Rows include S-LPV, S-LNAV/VNAV, S-LNAV, and CIRCLING with associated altitudes and distances.

RNP X RWY 11 ROENNE (EKRN)
55°03.80'N
014°45.58'E
10-5

CHANGES: VAR AND DIRECTIONS CHANGED. HOLDING SPEEDS AND ALTITUDES CHANGED. EDITORIAL.

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026 - RDAF FLIP SUP.

EKRN RNP RWY 11 waypoint coordinates:

RWY 11 from OGTET (Initial LEFT) APPROACH RNP

		CODING		DISPLAY	
OGTET	IAF	55 13 04.93N	014 28 53.52E	55 13.082N	014 28.892E
MOQAQ	IF	55 08 03.45N	014 28 36.48E	55 08.058N	014 28.608E
POWQU	FAF	55 06 24.93N	014 35 08.92E	55 06.416N	014 35.149E
RW11	MAPt	55 04 00.78N	014 44 42.77E	55 04.013N	014 44.713E
FAU	MAHF	55 01 41.49N	014 54 01.79E	55 01.692N	014 54.030E

RWY 11 from UMVAP (Initial STRAIGHT) APPROACH RNP

		CODING		DISPLAY	
UMVAP	IAF	55 10 05.95N	014 20 38.82E	55 10.099N	014 20.647E
MOQAQ	IF	55 08 03.45N	014 28 36.48E	55 08.058N	014 28.608E
POWQU	FAF	55 06 24.93N	014 35 08.92E	55 06.416N	014 35.149E
RW11	MAPt	55 04 00.78N	014 44 42.77E	55 04.013N	014 44.713E
FAU	MAHF	55 01 41.49N	014 54 01.79E	55 01.692N	014 54.030E

RWY 11 from LUKAG (Initial RIGHT) APPROACH RNP

		CODING		DISPLAY	
LUKAG	IAF	55 04 22.18N	014 22 49.96E	55 04.370N	014 22.833E
MOQAQ	IF	55 08 03.45N	014 28 36.48E	55 08.058N	014 28.608E
POWQU	FAF	55 06 24.93N	014 35 08.92E	55 06.416N	014 35.149E
RW11	MAPt	55 04 00.78N	014 44 42.77E	55 04.013N	014 44.713E
FAU	MAHF	55 01 41.49N	014 54 01.79E	55 01.692N	014 54.030E

Threshold coordinates RWY 11

		CODING		DISPLAY	
RWY 11		55 04 00.78N	014 44 42.77E	55 04.013N	014 44.713E

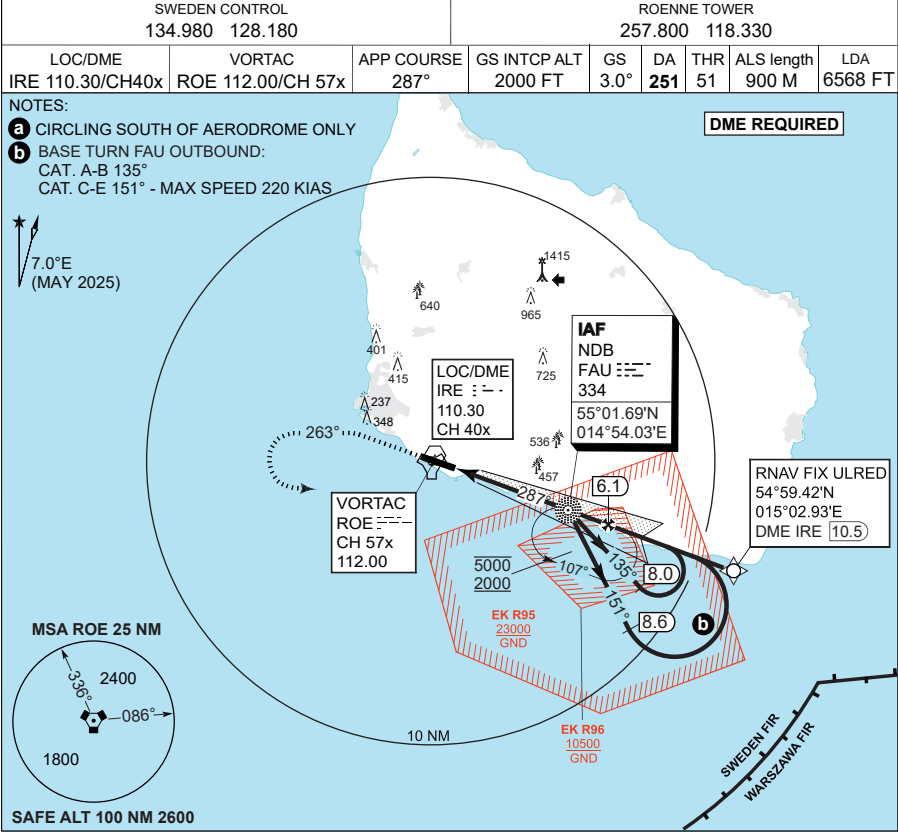
MIPS

INSTRUMENT APPROACH CHART

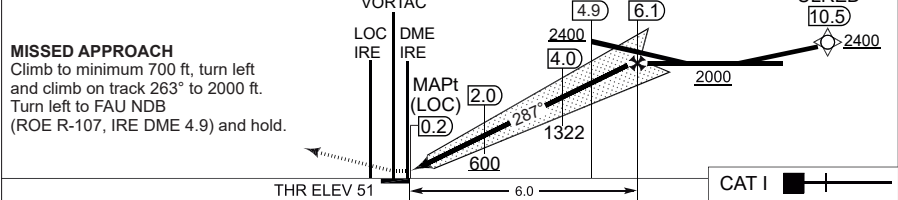
AD ELEV 52

ILS or LOC Z RWY 29

ROENNE (EKRN)



LOC CDFA 3.00° / 5.2%										TA 5000			
DME IRE	2	3	4	5	6					GS 3°			
DIST THR	1.8	2.8	3.8	4.8	5.8					RDH 52			
ALT	690	1010	1330	1640	1960								



CATEGORY	A	B	C	D	E
S-ILS 29	251 - 550 200 (200-0.8/1.2)				265 - 550 214 (300-0.8/1.2)
S-LOC 29	430 - 1000 378 (400-1.0/1.7)				
CIRCLING a	470 - 1.5 418 (500-1.5)	650 - 1.6 598 (600-1.6)	730 - 2.4 678 (700-2.4)	750 - 3.6 698 (700-3.6)	840 - 3.6 788 (800-3.6)

MIPS

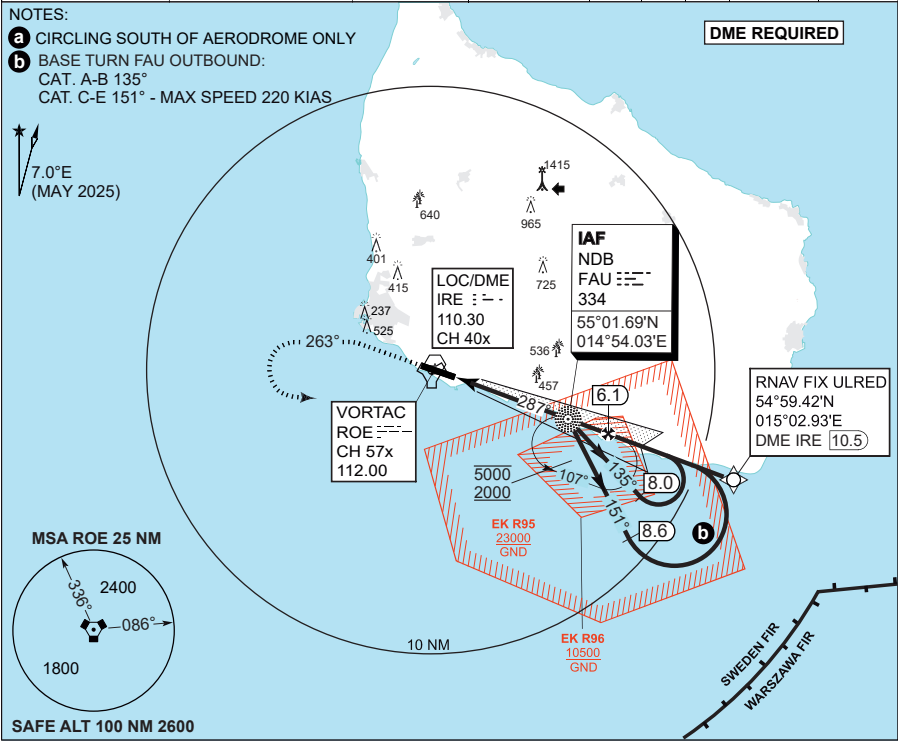
INSTRUMENT APPROACH CHART

AD ELEV 52

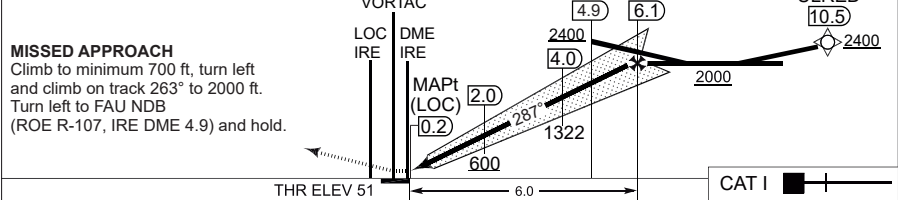
ILS or LOC Y RWY 29

ROENNE (EKRN)

SWEDEN CONTROL			ROENNE TOWER				
134.980 128.180			257.800 118.330				
LOC/DME	VORTAC	APP COURSE	GS INTCP ALT	GS	DA	THR	ALS length
IRE 110.30/CH40x	ROE 112.00/CH 57x	287°	2000 FT	3.0°	-	51	900 M
			LDA	6568 FT			



LOC CDFA 3.00' / 5.2%						TA 5000
DME IRE	2	3	4	5	6	GS 3°
DIST THR	1.8	2.8	3.8	4.8	5.8	RDH 52
ALT	690	1010	1330	1640	1960	



CATEGORY		A		B		C		D		E	
MIPS	S-ILS 29	251 - 550 200 (200-0.8/1.2)								265 - 550 214 (300-0.8/1.2)	
	S-LOC 29	430 - 1000 378 (400-1.0/1.7)									
	CIRCLING a	780 - 1.5 728 (800-1.5)	830 - 1.6 778 (800-1.6)	920 - 2.4 868 (900-2.4)	920 - 3.6 868 (900-3.6)	1020 - 3.6 968 (1000-3.6)					

ILS or LOC Y RWY 29

55 03.80'N
014 45.58'E
10-7

ROENNE (EKRN)

CHANGES: VAR. DIRECTIONS, HOLDING ALTITUDE, MINIMA

AIR COMMAND DENMARK - MIL AIM 22 JAN 2028 - RDAF FLIP SUP.

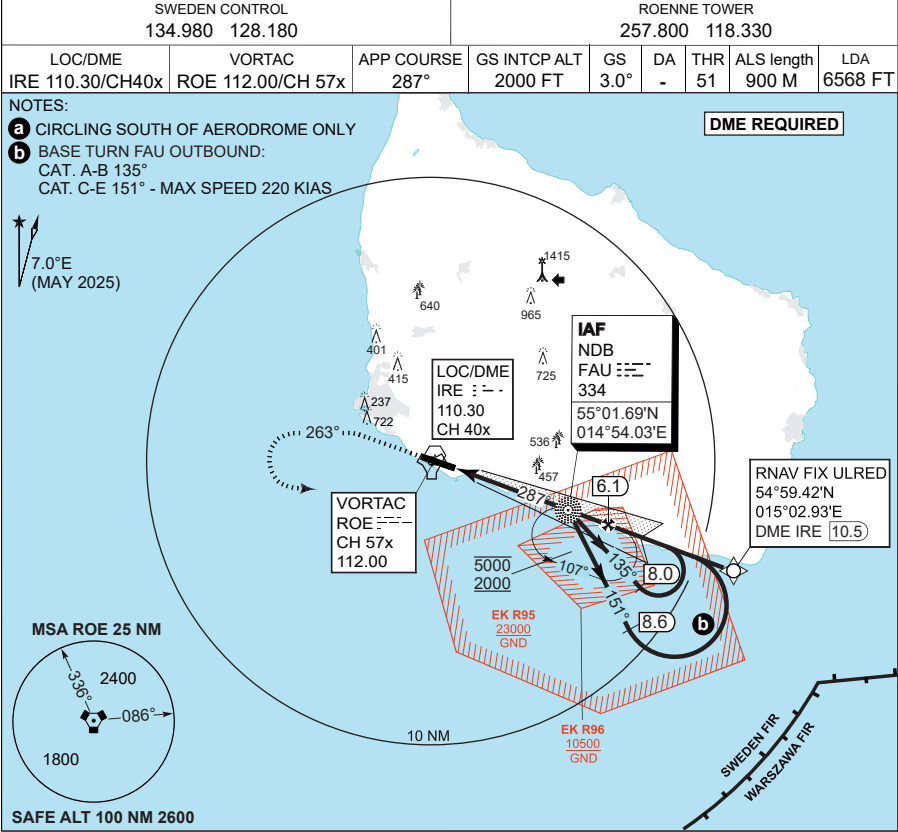
MIPS

INSTRUMENT APPROACH CHART

AD ELEV 52

ILS or LOC X RWY 29

ROENNE (EKRN)



LOC CDFA 3.00' / 5.2%						
DME IRE	2	3	4	5	6	
DIST THR	1.8	2.8	3.8	4.8	5.8	
ALT	690	1010	1330	1640	1960	

IAF
NDB
FAU
(LOC)
2400
4.0
281°
1322
600
MAPt
(LOC)
2.0
0.2

ROE
VORTAC
LOC
IRE
DME
IRE

FAF
(LOC)
2400
6.1
2000

ULRED
10.5
2400

TA 5000
GS 3°
RDH 52

THR ELEV 51

6.0

CAT I

MISSED APPROACH
Climb to minimum 700 ft, turn left and climb on track 263° to 2000 ft. Turn left to FAU NDB (ROE R-107, IRE DME 4.9) and hold.

CATEGORY	A	B	C	D	E
S-ILS 29	308 - 600 257 (300-0.8/1.3)	318 - 600 267 (300-0.8/1.3)	328 - 600 277 (300-0.8/1.3)	341 - 650 290 (300-0.8/1.4)	413 - 1000 362 (400-1.0/1.7)
S-LOC 29	590 - 1700 538 (600-1.7/2.4)				
CIRCLING a	860 - 1.5 808 (900-1.5)	1020 - 1.6 968 (1000-1.6)	1120 - 2.4 1068 (1100-2.4)	1120 - 3.6 1068 (1100-3.6)	1220 - 3.6 1168 (1200-3.6)

ILS or LOC X RWY 29

55 03.80'N
014 45.58'E
10-7

ROENNE (EKRN)

CHANGES: VAR. DIRECTIONS, HOLDING ALTITUDE, MINIMA

AIR COMMAND DENMARK - MIL AIM 22 JAN 2028 - RDAF FLIP SUP.

SWEDEN CONTROL 134.980 128.180			ROENNE TOWER 257.800 118.330				
LOC IRE 110.30	VORTAC ROE 112.00/CH 57x	APP COURSE 287°	GS INTCP ALT 2000 FT	GS 3.0° 251	THR 51	ALS length 900 M	LDA 6568 FT

CAUTION:
THE DME INDICATIONS ARE FROM ROE TACAN
- NOT FROM THE DME ASSOCIATED WITH THE ILS

DME REQUIRED

7.0°E
(MAY 2025)

10 NM

MSA ROE 25 NM

SAFE ALT 100 NM 2600

LOC IRE --- 110.300

VORTAC ROE --- CH 57x 112.00

IAF ROE R-107 DME 5.4
55°01.70'N
014°54.03'E

RNAV FIX ULRED
54°59.42'N
015°02.93'E
DME ROE 11.0

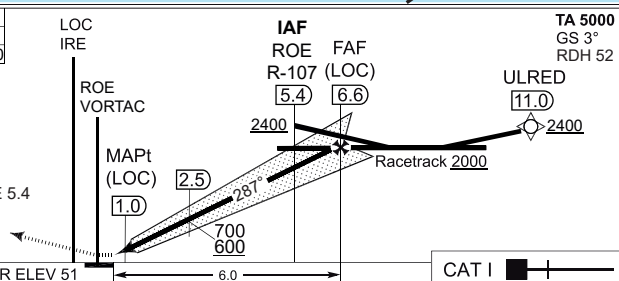
EK R95 23000 GND

EK R96 10500 GND

SWEDEN FIR
WARSAWA FIR

DME ROE	2	3	4	5	6
DIST THR	1.4	2.4	3.4	4.4	5.4
ALT	540	860	1180	1500	1820

MISSED APPROACH
Climb to minimum 700 ft, turn left
and climb on track 263° to 2000 ft.
Turn left to hold at ROE R-107 DME 5.4



CATEGORY		H
MIPS	H-ILS 29	251 - 400 200 (200-0.4/0.8)
	H-LOC 29	430 - 400 378 (400-0.4/0.8)

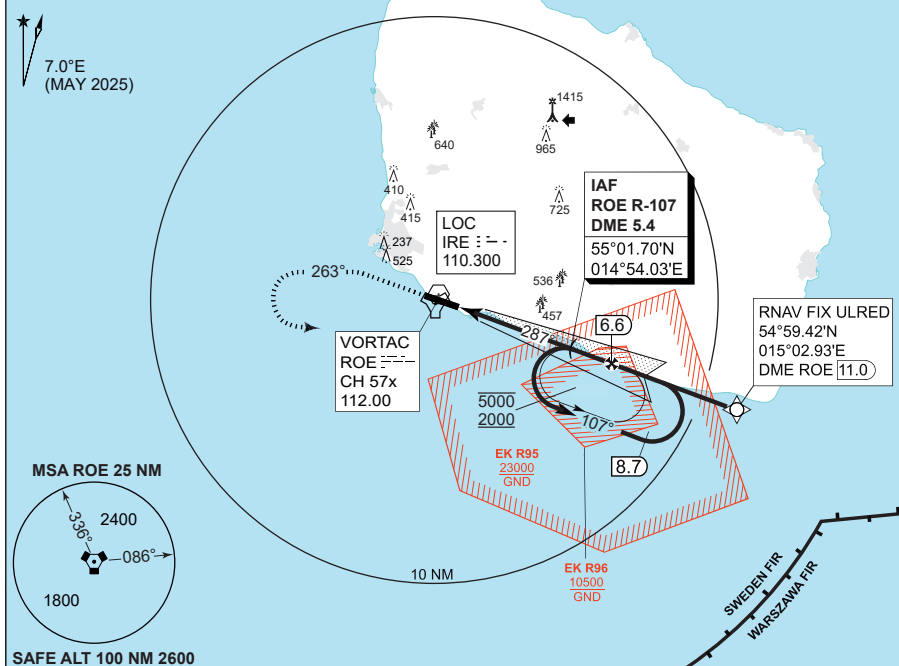
COPTER ILS or LOC Z RWY 29	55 03.80'N 014 45.58'E 10-R	ROENNE (EKRN)
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CHANGES: VAR, DIRECTIONS, HOLDING ALTITUDE MINIMA.

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026 - RDAF FLIP SUP.

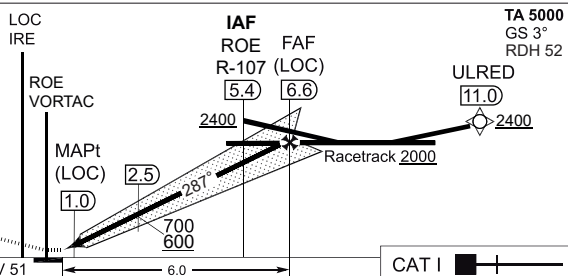
SWEDEN CONTROL 134.980 128.180			ROENNE TOWER 257.800 118.330				
LOC IRE 110.30	VORTAC ROE 112.00/CH 57x	APP COURSE 287°	GS INTCP ALT 2000 FT	GS 3.0° 251	THR 51	ALS length 900 M	LDA 6568 FT

DME REQUIRED



DME ROE	2	3	4	5	6
DIST THR	1.4	2.4	3.4	4.4	5.4
ALT	540	860	1180	1500	1820

MISSED APPROACH
Climb to minimum 700 ft, turn left
and climb on track 263° to 2000 ft.
Turn left to hold at ROE R-107 DME 5.4



MIPS	CATEGORY	H
	H-ILS 29	251 - 400 200 (200-0.4/0.8)
	H-LOC 29	430 - 400 378 (400-0.4/0.8)

COPTER ILS or LOC Y RWY 29

55 03.80'N
014 45.58'E
10-8

ROENNE (EKRN)

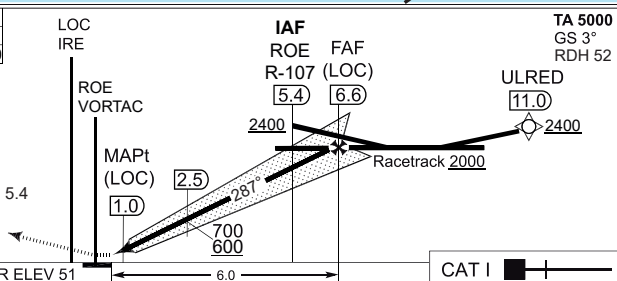
CHANGES: VAR. DIRECTIONS. HOLDING ALTITUDE. MINIMA.

AIR COMMAND DENMARK - MIL- AIM 22 JAN 2026 - RDAF FLIP SUP.

SWEDEN CONTROL 134.980 128.180			ROENNE TOWER 257.800 118.330					
LOC IRE 110.30	VORTAC ROE 112.00/CH 57x	APP COURSE 287°	GS INTCP ALT 2000 FT	TSR 3.0°	DA 338	THR 51	ALS length 900 M	LDA 6568 FT

DME ROE	2	3	4	5	6
DIST THR	1.4	2.4	3.4	4.4	5.4
ALT	540	860	1180	1500	1820

MISSED APPROACH
Climb to minimum 700 ft, turn left
and climb on track 263° to 2000 ft.
Turn left to hold at ROE R-107 DME 5.4



CATEGORY		H
MIPS	H-ILS 29	338 - 400 287 (300-0.4/0.8)
	H-LOC 29	430 - 400 378 (400-0.4/0.8)

COPTER ILS or LOC X RWY 29	55 03.80'N 014 45.58'E 10-R	ROENNE (EKRN)
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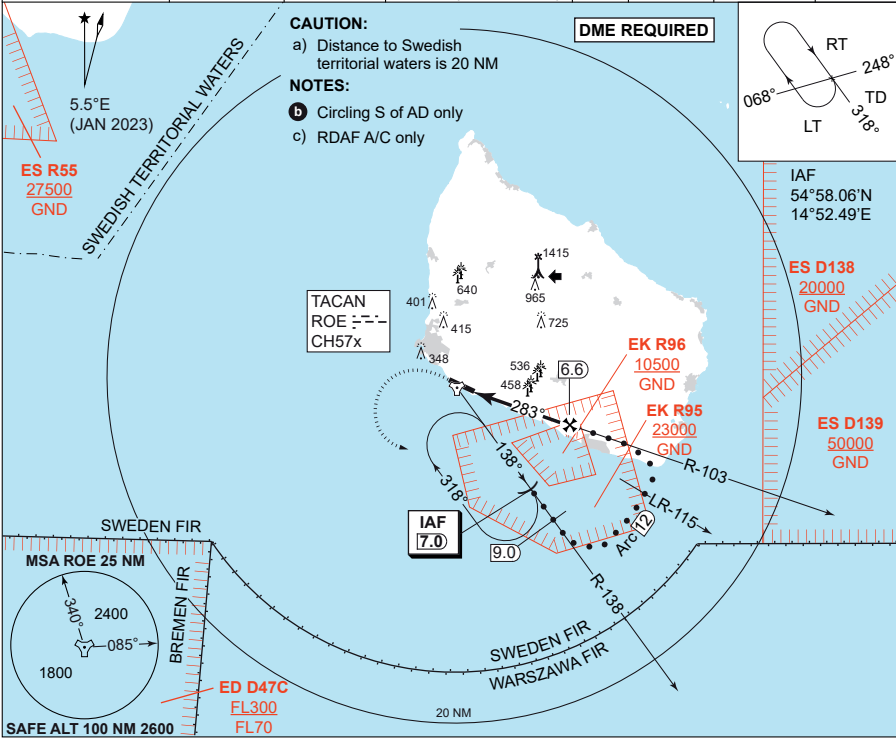
CHANGES: VAR, DIRECTIONS, HOLDING ALTITUDE MINIMA.

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026 - RDAF FLIP SUP.

MIPS
INSTRUMENT APPROACH CHART

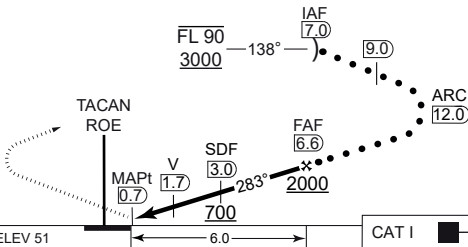
HPMA TACAN Z RWY 29
ROENNE (EKRN)

SWEDEN CONTROL 134.980 128.180		ROENNE TOWER 257.800 118.330			
TACAN ROE CH 57x	APP COURSE 283°	FAF ALT 2000 FT	DESCENT GR. 5.24% (318 FT/NM)	MDA 460	THR ELEV 51
		ALS LENGTH 900 M		LDA 6568 FT	



CDFA 3.00 / 5.24%						
DME ROE	2	3	4	5	6	
DIST THR	1.4	2.4	3.4	4.4	5.4	
ALT	540	860	1180	1500	1820	

MISSED APPROACH
Climb on track 283 to 3000 ft.
When passing 700 ft
turn left inbound IAF
(ROE R-138 DME 7).



CATEGORY	HPMA
S-TACAN 29	460 - 1200 408 (500-1.2/1.9)
CIRCLING	650 - 3.2 598 (600-3.2)

HPMA TACAN Z RWY 29

55°03.80'N
014°45.58'E
10-9

ROENNE (EKRN)

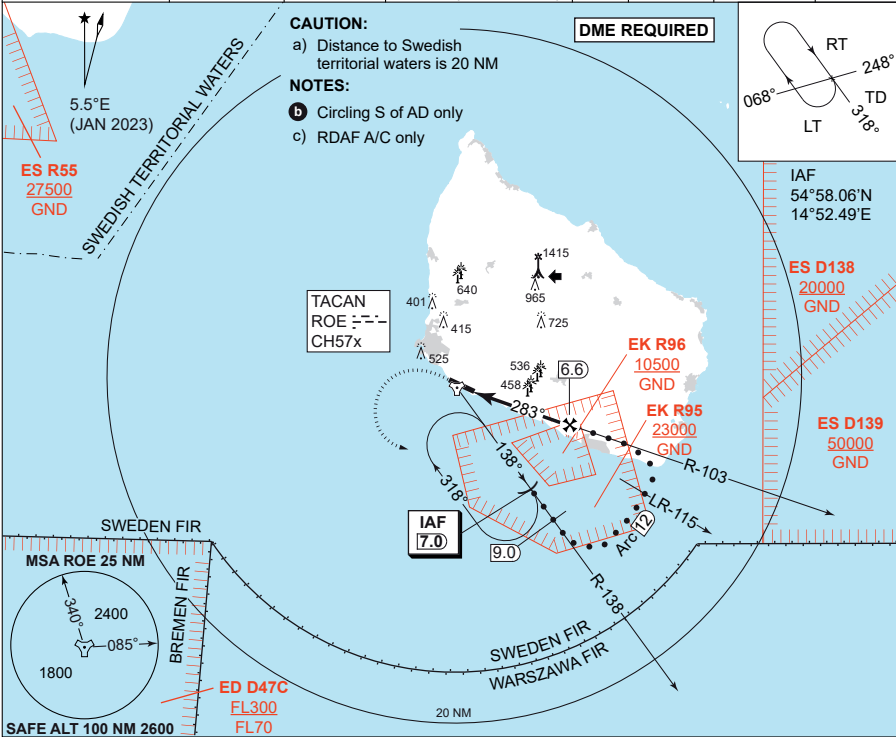
CHANGES: PAGE NR.

AIR COMMAND DENMARK - MILAIM 10 JUL 2025 - RDAF FLIP SUP.

MIPS
INSTRUMENT APPROACH CHART

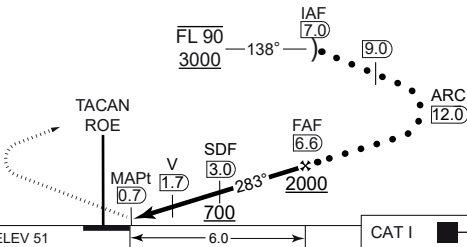
HPMA TACAN Y RWY 29
ROENNE (EKRN)

SWEDEN CONTROL 134.980 128.180		ROENNE TOWER 257.800 118.330			
TACAN ROE CH 57x	APP COURSE 283°	FAF ALT 2000 FT	DESCENT GR. 5.24% (318 FT/NM)	MDA 460	THR ELEV 51
		ALS LENGTH 900 M		LDA 6568 FT	



CDFA 3.00' / 5.24%						
DME ROE	2	3	4	5	6	
DIST THR	1.4	2.4	3.4	4.4	5.4	
ALT	540	860	1180	1500	1820	

MISSED APPROACH
Climb on track 283 to 3000 ft.
When passing 700 ft
turn left inbound IAF
(ROE R-138 DME 7).



CATEGORY	HPMA
S-TACAN 29	460 - 1200 408 (500-1.2/1.9)
CIRCLING	830 - 3.2 778 (800-3.2)

HPMA TACAN Y RWY 29

55°03.80'N
014°45.58'E
10-9

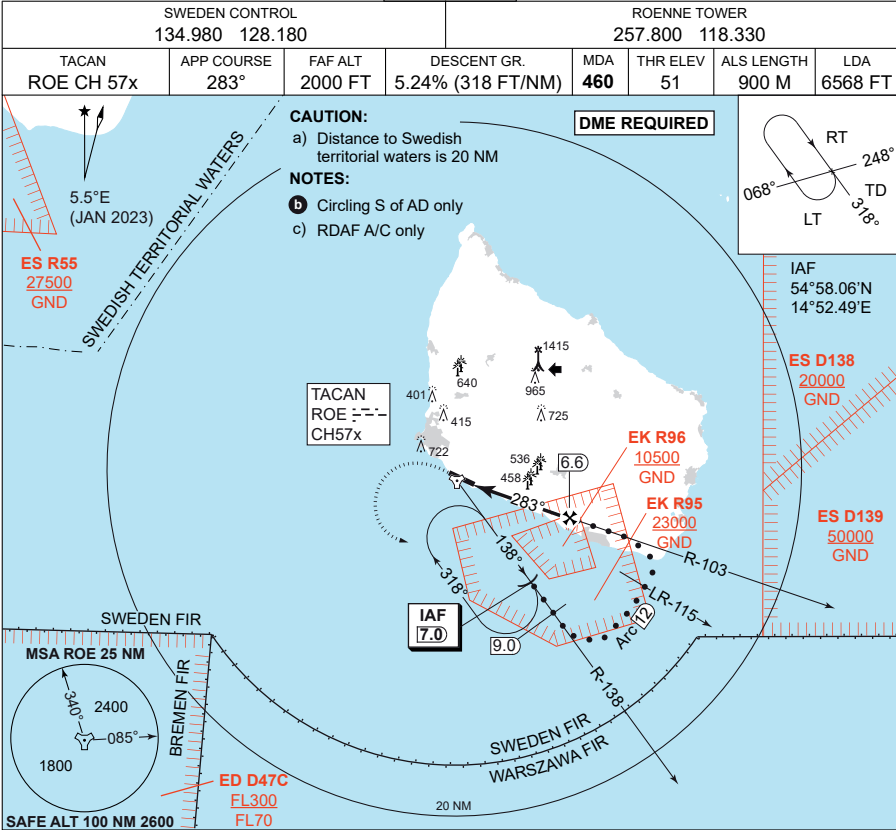
ROENNE (EKRN)

CHANGES: PAGE NR.

AIR COMMAND DENMARK - MILAIM 10 JUL 2025 - RDAF FLIP SUP.

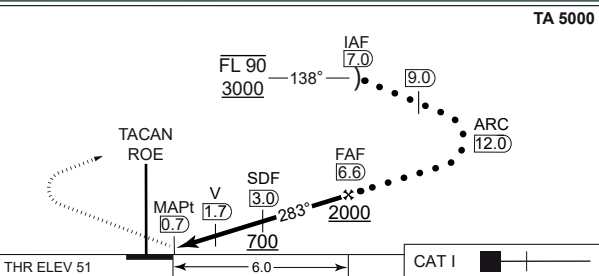
MIPS
INSTRUMENT APPROACH CHART

HPMA TACAN X RWY 29
ROENNE (EKRN)



CDFA 3.00' / 5.24%						
DME ROE	2	3	4	5	6	
DIST THR	1.4	2.4	3.4	4.4	5.4	
ALT	540	860	1180	1500	1820	

MISSED APPROACH
Climb on track 283 to 3000 ft.
When passing 700 ft
turn left inbound IAF
(ROE R-138 DME 7).



CATEGORY		HPMA
MIPS	S-TACAN 29	460 - 1200 408 (500-1.2/1.9)
	CIRCLING	1030 - 3.2 978 (1000-3.2)

HPMA TACAN X RWY 29

55°03.80'N
014°45.58'E
10-9

ROENNE (EKRN)

AIR COMMAND DENMARK - MIL AIN 22 JAN 2026 - RDAF FLIP SUP.

MIPS
INSTRUMENT APPROACH CHART

RNP Z RWY 29
ROENNE (EKRN)

Table with 6 columns: EGNOS CHANNEL, APP COURSE, FAF ALT, Descent GR, DA, THR ELEV, ALS length, LDA. Values include 92778 / E29A, 287, 2000 FT, 3.00° (5.24%), See CAT, 51, 900, 6568 FT.

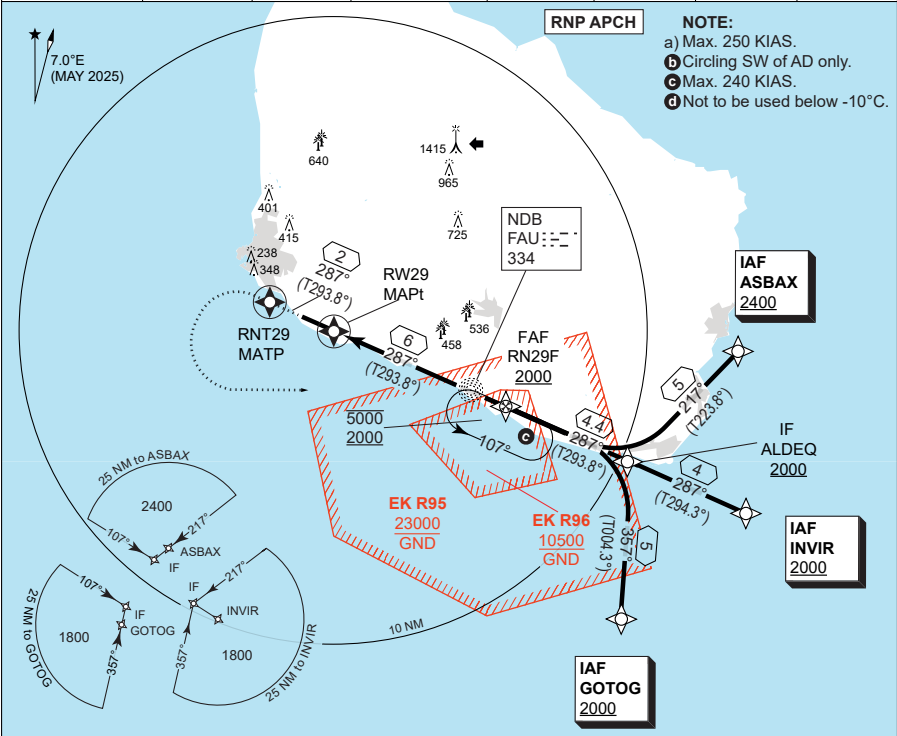
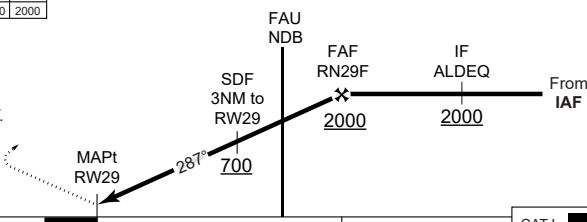


Table with 7 columns: DIST, THR, 2, 3, 4, 5, 6. Values include 740, 1050, 1370, 1690, 2000.

MISSED APPROACH:
Climb straight ahead to RNT29, then turn left to FAU and hold at 2000 FT.



TA 5000
GS 3.00°
RDH 52

Table with 6 columns: CATEGORY, A, B, C, D, E. Rows include S-LPV, S-LNAV/VNAV, S-LNAV, and CIRCLING with various altitude and distance values.

MIPS
INSTRUMENT APPROACH CHART

RNP Y RWY 29
ROENNE (EKRN)

Table with 7 columns: EGNOS CHANNEL, APP COURSE, FAF ALT, Descent GR, DA, THR ELEV, ALS length, LDA. Values include SWEDEN CONTROL, ROENNE TOWER, 84087 / E29B, 287, 2000 FT, 3.00° (5.24%), See CAT, 51, 900, 6568 FT.

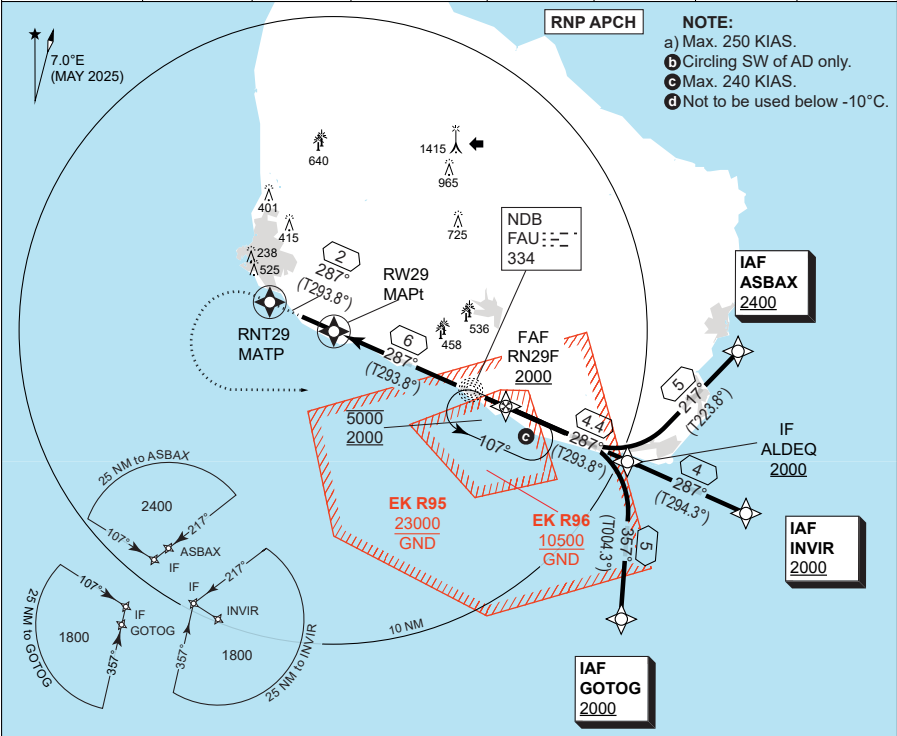
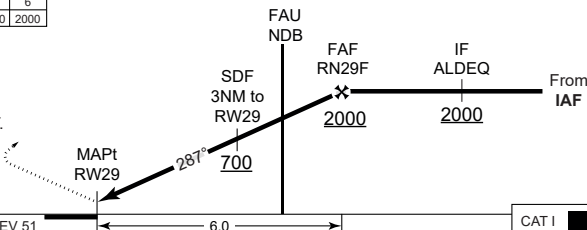


Table with 7 columns: DIST, THR, 2, 3, 4, 5, 6. Values include 740, 1050, 1370, 1690, 2000.

MISSED APPROACH:
Climb straight ahead to RNT29, then turn left to FAU and hold at 2000 FT.



TA 5000
GS 3.00°
RDH 52

Table with 6 columns: CATEGORY, A, B, C, D, E. Rows include LPV MACG 2.5%, LPV MACG 3.4%, LNAV/VNAV, LNAV, and CIRCLING with various altitude and distance values.

RNP Y RWY 29 55°03.80'N 014°45.58'E 10-10 ROENNE (EKRN)

CHANGES: VAR. DIRECTIONS, HOLDING SPEED, HOLDING ALTITUDE, MINIMA

AIR COMMAND DENMARK - MIL AIM 22 JAN 2026 - RDAF FLIP SUP.

MIPS
INSTRUMENT APPROACH CHART

RNP X RWY 29
ROENNE (EKRN)

Table with 7 columns: EGNOS CHANNEL, APP COURSE, FAF ALT, Descent GR, DA, THR ELEV, ALS length, LDA. Values include 49425 / E29D, 287, 2000 FT, 3.00° (5.24%), See CAT, 51, 900, 6568 FT.

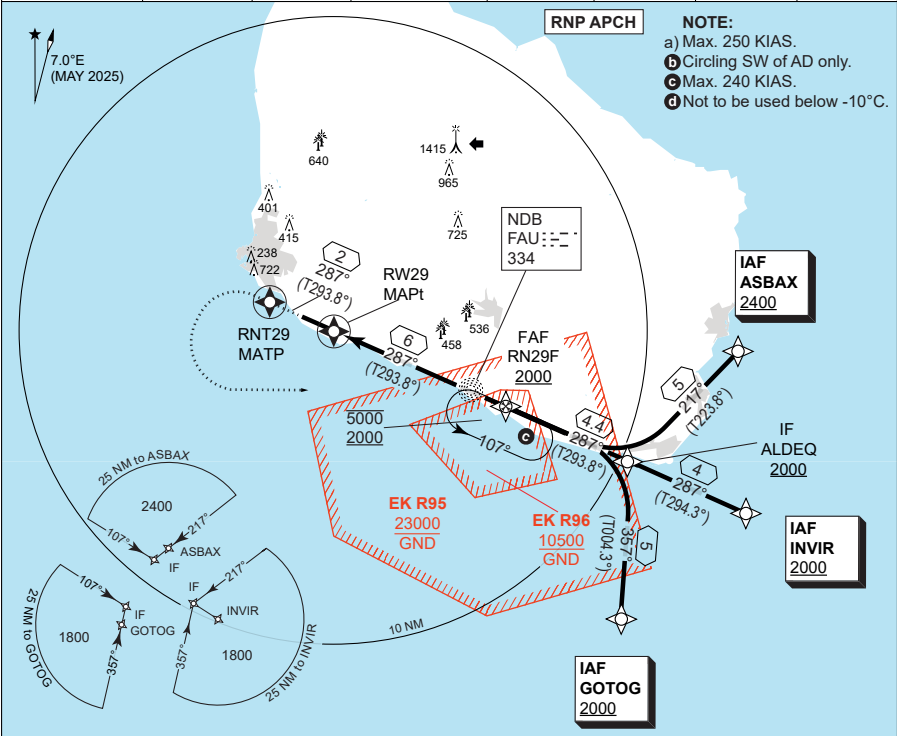


Table with 7 columns: DIST, THR, 2, 3, 4, 5, 6. Values include 740, 1050, 1370, 1690, 2000.

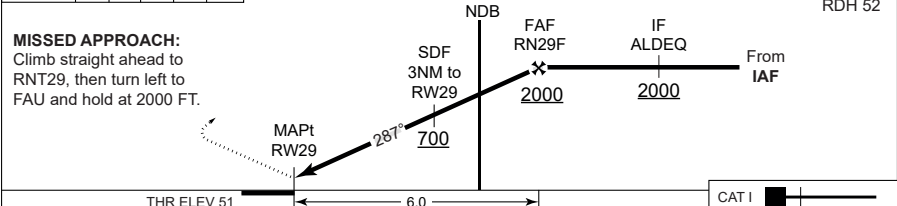


Table with 6 columns: CATEGORY, A, B, C, D, E. Contains performance data for various aircraft categories and weights, including altitudes and distances.

RNP X RWY 29
55°03.80'N
014°45.58'E
10-10
ROENNE (EKRN)

EKRN RNP RWY 29 waypoint coordinates:

RWY 29 from GOTOG (Initial LEFT) APPROACH RNP

		CODING		DISPLAY	
GOTOG	IAF	54 54 24.69N	015 02 19.26E	54 54.412N	015 02.321E
ALDEQ	IF	54 59 23.86N	015 02 58.40E	54 59.398N	015 02.973E
RN29F	FAF	55 01 09.98N	014 55 58.76E	55 01.166N	014 55.979E
RW29	MAPt	55 03 34.73N	014 46 26.05E	55 03.579N	014 46.434E
RNT29	MATP	55 04 24.04N	014 43 11.23E	55 04.401N	014 43.187E
FAU	MAHF	55 01 41.49N	014 54 01.79E	55 01.692N	014 54.030E

RWY 29 from INVIR (Initial STRAIGHT) APPROACH RNP

		CODING		DISPLAY	
INVIR	IAF	54 57 46.11N	015 09 15.45E	54 57.769N	015 09.258E
ALDEQ	IF	54 59 23.86N	015 02 58.40E	54 59.398N	015 02.973E
RN29F	FAF	55 01 09.98N	014 55 58.76E	55 01.166N	014 55.979E
RW29	MAPt	55 03 34.73N	014 46 26.05E	55 03.579N	014 46.434E
RNT29	MATP	55 04 24.04N	014 43 11.23E	55 04.401N	014 43.187E
FAU	MAHF	55 01 41.49N	014 54 01.79E	55 01.692N	014 54.030E

RWY 29 from ASBAX (Initial RIGHT) APPROACH RNP

		CODING		DISPLAY	
ASBAX	IAF	55 02 58.91N	015 08 57.25E	55 02.982N	015 08.058E
ALDEQ	IF	54 59 23.86N	015 02 58.40E	54 59.398N	015 02.973E
RN29F	FAF	55 01 09.98N	014 55 58.76E	55 01.166N	014 55.979E
RW29	MAPt	55 03 34.73N	014 46 26.05E	55 03.579N	014 46.434E
RNT29	MATP	55 04 24.04N	014 43 11.23E	55 04.401N	014 43.187E
FAU	MAHF	55 01 41.49N	014 54 01.79E	55 01.692N	014 54.030E

Threshold coordinates RWY 29

		CODING		DISPLAY	
RWY 29		55 03 34.73N	014 46 26.05E	55 03.579N	014 46.434E