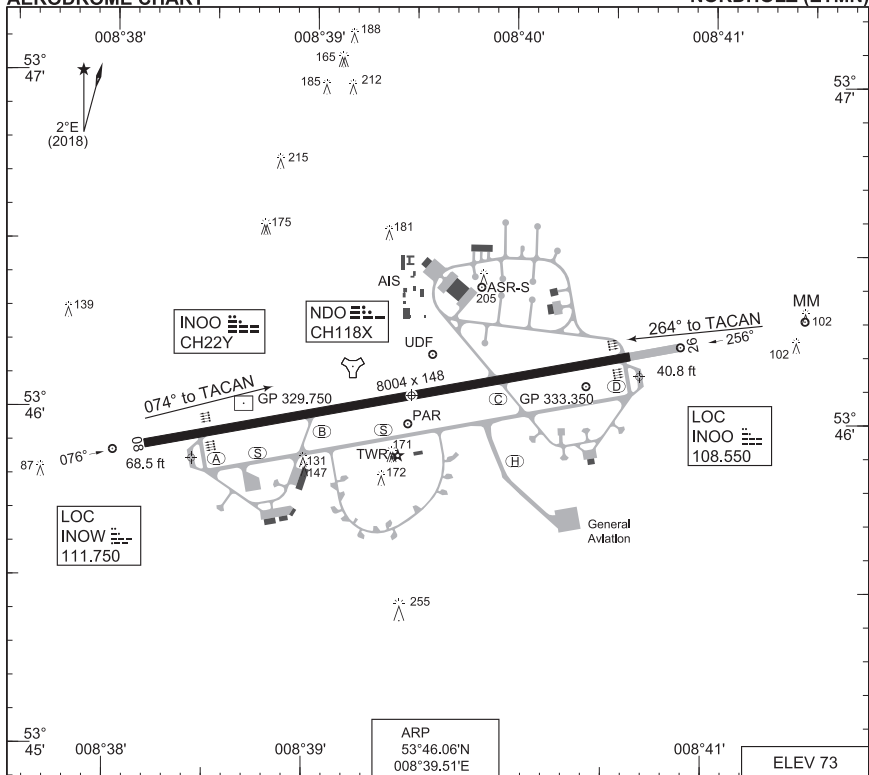


AERODROME CHART

NORDHOLZ (ETMN)



RWY	PCN	TORA	ASDA	TODA	LDA	PAPI	TDZE	THR PSN
08	86 F/A/W/T	8004	8004	8004	8004	3.0°	73	53°45.93'N 008°38.42'E
26	86 F/A/W/T	8004	8906	8906	8004	3.0°	64	53°46.19'N 008°40.60'E

NORDHOLZ TOWER 315.700 142.900
 NORDHOLZ RADAR 356.125 129.850 278.350 376.125 SSR 4240 - 4247

	PROC. CRITERIA	RWY	GS	TCH	OTCH	RPI	CAT	MINIMA CRITERIA	MINIMA
PAR	TERPS	08	3.0°	43		751	ABCDE	TERPS	274 - 0.8 200 (200-0.8/1.2)
	TERPS	26	3.0°	68		1085	ABCDE	TERPS	267 - 0.8 200 (200-0.8/1.2)
	TERPS	079	3.0°				COPTER	TERPS	174 - 0.4 100 (100-0.4/0.8)
SRA	TERPS	08					AB C DE	TERPS	440 - 0.8 366 (400-0.8/1.6) 440 - 1.2 366 (400-1.2/1.6) 440 - 1.2 366 (400-1.2/2.0)
	TERPS	26					AB C DE	TERPS	420 - 0.8 353 (400-0.8/1.6) 420 - 1.2 353 (400-1.2/1.6) 420 - 1.2 353 (400-1.2/2.0)

AERODROME CHART

NORDHOLZ (ETMN)

TERPS

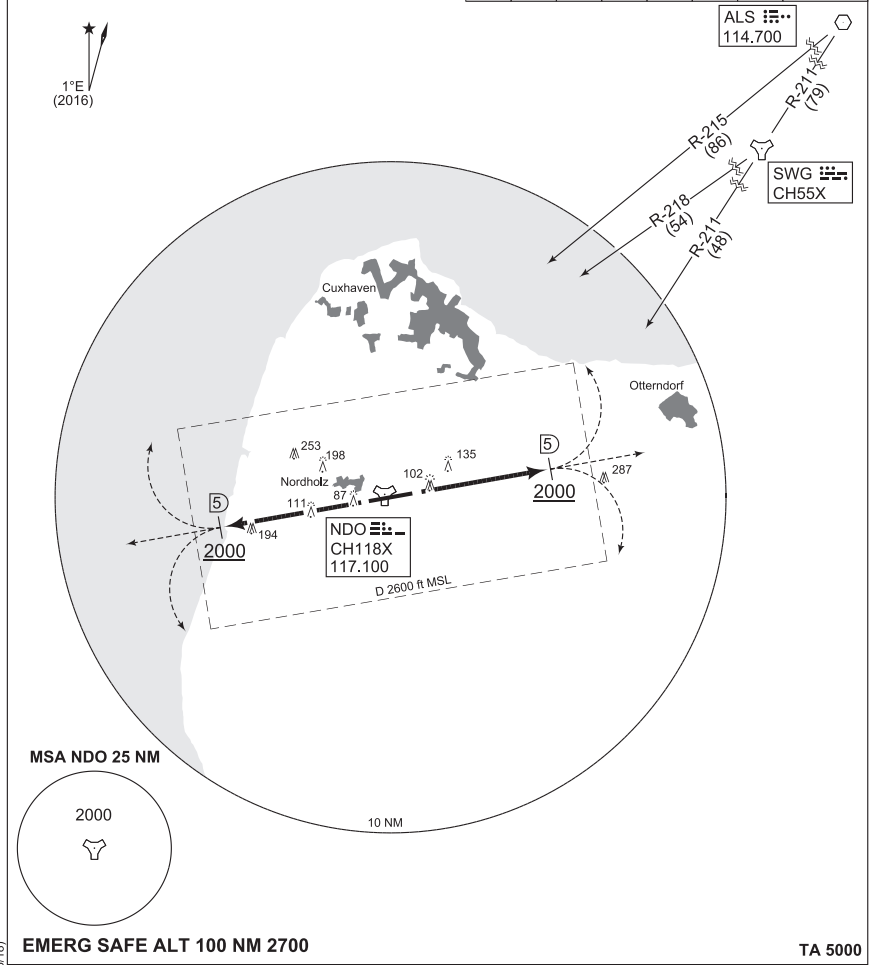
OPERATIONAL INSTRUMENT DEPARTURE CHART

AD ELEV 73

MN 108 - 126

NORDHOLZ (ETMN)

NORDHOLZ TOWER 315.700 131.250		NORDHOLZ RADAR 278.350 129.850			BREMEN RADAR 371.750 124.075				
		RWY	60	120	180	240	300	360	to
		08	468	936	1404	1872	2340	2808	2000 ft
		26	430	860	1290	1720	2150	2580	2000 ft



PANS-OPS INSTRUMENT APPROACH CHART

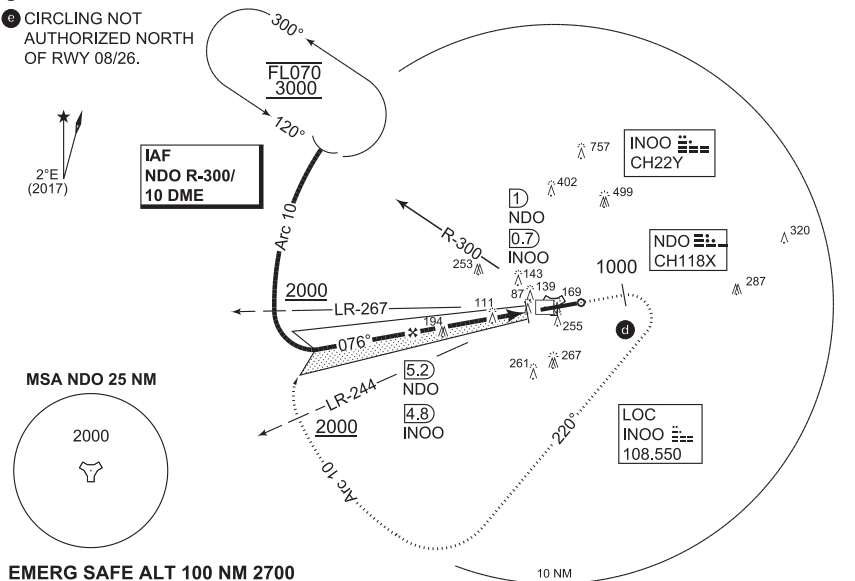
AD ELEV 73

ILS or LOC RWY 08
NORDHOLZ (ETMN)

BREMEN RADAR 313.225 120.225		NORDHOLZ RADAR 278.350 129.850		NORDHOLZ TOWER 315.700 131.250 122.100		
TACAN / LOCALIZER CH 118X / INOO 108.55	APP COURSE 076°	GS INTCP ALT 1600	DESCENT GR 3.0° (5.2%)	DA See Cat	THR ELEV 69	ALS-LENGTH 900 M
				LDA 8004		

NOTE:

- a) NO TURN BEFORE MAPt.
- b) TIMING NOT AUTHORIZED FOR DEFINING MAPt.
- c) TACAN REQUIRED.
- d) MISSED APPROACH LIMITED TO 230 KIAS MAX.
- e) CIRCLING NOT AUTHORIZED NORTH OF RWY 08/26.



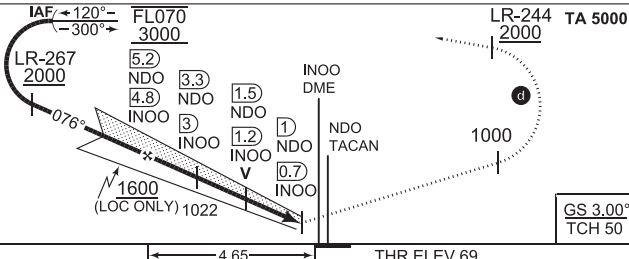
EMERG SAFE ALT 100 NM 2700

MISSED APPROACH

Climb on RWY Track to 2000 ft MSL. When passing 1000 ft MSL turn right heading 220° and intercept arc 10 DME NDO TACAN and return to final.

DIST INOO	4	3	2	1
DIST NDO	4.3	3.3	2.3	1.3
Altitude	1340	1020	700	380

CAT I



CATEGORY	A	B	C	D
ILS 08	269 - 0.8 200 (200-0.8/1.2)			
LOC 08	440 - 0.8 367 (400-0.8/1.6)		440 - 1.2 367 (400-1.2/1.6)	440 - 1.2 367 (400-1.2/2.0)
CIRCLING e	560 - 1.6 487 (500-1.6)	580 - 1.6 507 (600-1.6)	780 - 3.2 707 (800-3.2)	930 - 4.0 857 (900-4.0)

ILS or LOC RWY 08

53°46.06'N
008°39.51'E

NORDHOLZ (ETMN)

TERPS INSTRUMENT APPROACH CHART

AD ELEV 73

**TACAN RWY 08
NORDHOLZ (ETMN)**

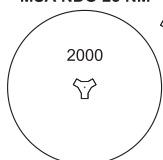
BREMEN RADAR 371.750 124.075	NORDHOLZ RADAR 278.350 129.850			NORDHOLZ TOWER 315.700 131.250		
TACAN NDO CH118X	APP COURSE 074°	FAF ALT 1600	MDA 400	TDZE 74	ALS-LENGTH 900 M	LDA 8004

CAUTION:
CIRCLING CAT E: REMAIN
WITHIN CONTROL ZONE

SWG CH55X

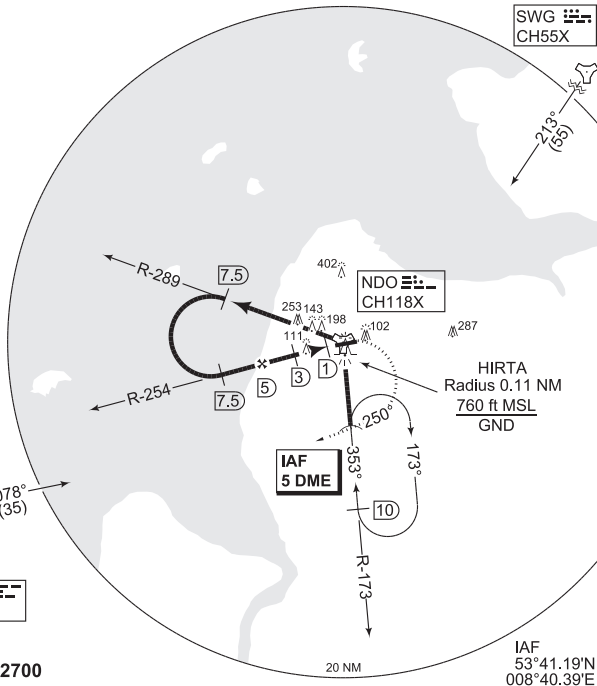
1°E
(2008)

MSA NDO 25 NM



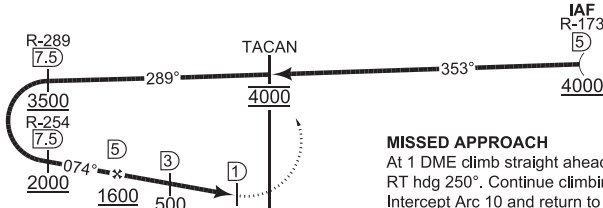
WTM CH82X

EMERG SAFE ALT 100 NM 2700



IAF
53°41.19'N
008°40.39'E

TA 5000



MISSED APPROACH

At 1 DME climb straight ahead to 1000 ft,
RT hdg 250°. Continue climbing to 2500 ft.
Intercept Arc 10 and return to final.

CAT I

TDZE 74

TERPS	CATEGORY	A	B	C	D	E
	S-TACAN 08	400 - 0.8 326 (400-0.8/1.6)		400 - 1.2 326 (400-1.2/1.6)		400 - 1.2 326 (400-1.2/2.0)
	CIRCLING	560 - 1.6 487 (500-1.6)	570 - 1.6 497 (500-1.6)	780 - 3.6 707 (800-3.6)	930 - 4.8 857 (900-4.8)	1030 - 4.8 957 (1100-4.8)
	PAR 08	274 - 0.8 200 (200-0.8/1.2) GS 3.0°				

TACAN RWY 08

53°46.06'N
008°39.51'E

NORDHOLZ (ETMN)

PANS-OPS INSTRUMENT APPROACH CHART

AD ELEV 73

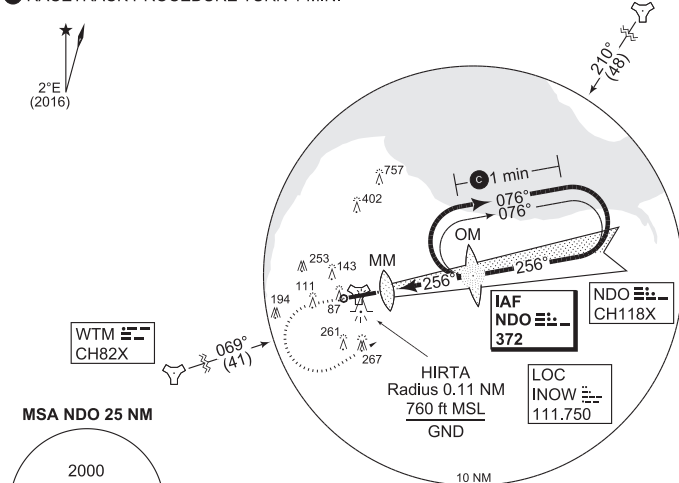
ILS or LOC RWY 26
NORDHOLZ (ETMN)

BREMEN RADAR 371.750 124.075		NORDHOLZ RADAR 278.350 129.850		NORDHOLZ TOWER 315.700 131.250	
TACAN / LOCALIZER CH 118X / INOW 111.750	APP COURSE 256°	GS INTCP ALT 1600	GS 3.0° (5.2%)	DA See CAT	TDZE 64
					ALS-LENGTH 900 M
					LDA 8004

NOTE:

- a) PROCEDURE LIMITED TO 230 KIAS.
- b) CIRCLING NOT AUTHORIZED NORTH OF RWY.
- c) RACETRACK PROCEDURE TURN 1 MIN.

IAF
53°47.11'N
008°48.37'E

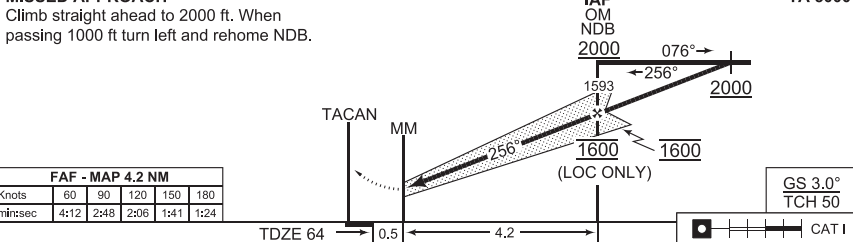


EMERG SAFE ALT 100 NM 2700

MISSED APPROACH

Climb straight ahead to 2000 ft. When passing 1000 ft turn left and rehome NDB.

TA 5000



MIPS	CATEGORY	A	B	C	D
	S-ILS 26	264 - 0.8/550 200 (200-0.8/1.2)			
	S-LOC 26	480 - 0.8 416 (500-0.8/1.6)		480 - 1.2 416 (500-1.2/2.0)	
	b) CIRCLING	560 - 1.6 487 (500-1.6)	570 - 1.6 497 (500-1.6)	780 - 3.6 707 (800-3.6)	930 - 4.8 857 (900-4.8)

ILS or LOC RWY 26

53°46.06'N
008°39.51'E

NORDHOLZ (ETMN)

TERPS INSTRUMENT APPROACH CHART

AD ELEV 73

TACAN RWY 26
NORDHOLZ (ETMN)

BREMEN RADAR 371.750 124.075		NORDHOLZ RADAR 278.350 129.850		NORDHOLZ TOWER 315.700 131.250		
TACAN NDO CH118X	APP COURSE 264°	FAF ALT 1600	MDA 380	TDZE 67	ALS-LENGTH 900 M	LDA 8004

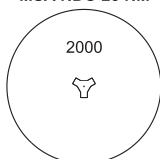
CAUTION:

CIRCLING CAT E: REMAIN
WITHIN CONTROL ZONE

SWG CH55X

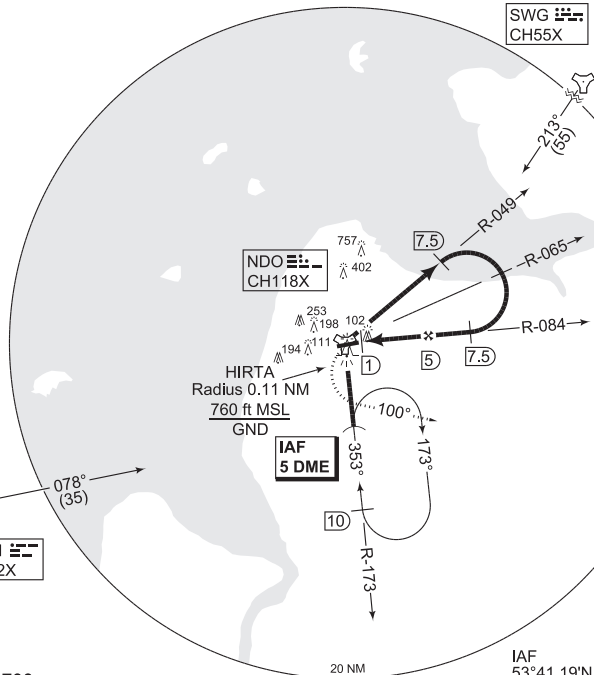


MSA NDO 25 NM



WTM CH82X

EMERG SAFE ALT 100 NM 2700



IAF
53°41.19'N
008°40.39'E

TA 5000

IAF

R-173

5

4000

353°

TACAN

4000

049°

R-049

7.5

3500

3000

R-065

7.5

R-084

2000

1600

264°

MISSED APPROACH

At 1 DME turn left climbing
to 2500 ft on heading 100°
and intercept Arc 10.

TDZE 64

4.2

CAT I

TERPS	CATEGORY	A	B	C	D	E
	S-TACAN 26	380 - 0.8 313 (400-0.8/1.6)		380 - 1.2 313 (400-1.2/1.6)		
	CIRCLING	560 - 1.6 487 (500-1.6)	570 - 1.6 497 (500-1.6)	780 - 3.6 707 (800-3.6)	930 - 4.8 857 (900-4.8)	1030 - 4.8 957 (1100-4.8)
	PAR 26	267 - 0.8 200 (200-0.8/1.2) GS 3.0°				

TACAN RWY 26

53°46.06'N
008°39.51'E

NORDHOLZ (ETMN)

PANS-OPS INSTRUMENT APPROACH CHART

AD ELEV 73

NDB RWY 26
NORDHOLZ (ETMN)

BREMEN RADAR 371.750 124.075		NORDHOLZ RADAR 278.350 129.850		NORDHOLZ TOWER 315.700 131.250	
NDB NDO 372	APP COURSE 257°	FAF ALT 1600	MDA See CAT	TDZE 64	ALS-LENGTH 900 M
					LDA 8004

NOTE:

a) HOLDING/RT LIMITED TO 230 KIAS MAX.

b) CIRCLING NOT AUTHORIZED NORTH OF RWY 08/26

IAF
53°47.11'N
008°48.37'E

SWG CH55X

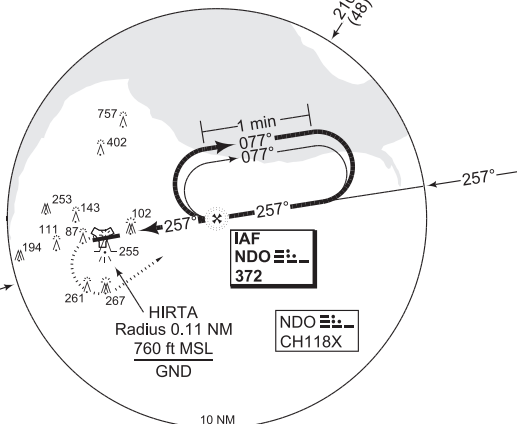
2°E
(2016)

WTM CH82X

MSA NDO 25 NM

2000

069°
(41)



NDO CH118X

EMERG SAFE ALT 100 NM 2700

MISSSED APPROACH

Climb on track 257° to 2000ft MSL.

When passing 1000ft MSL turn left and rehome NDB.

IAF
NDB

TA 5000

TACAN

077°
257°
2000

FAF - MAP 4.7 NM					
Knots	60	90	120	150	180
minsec	4:42	3:08	2:21	1:53	1:34

TDZE 64

4.7

CAT I

CATEGORY	A	B	C	D
NDB 26	480 - 0.8 416 (500-0.8/1.6)		480 - 1.2 416 (500-1.2/2.0)	
b) CIRCLING	560 - 1.6 487 (500-1.6)	570 - 1.6 497 (500-1.6)	780 - 3.6 707 (800-3.6)	930 - 4.8 857 (900-4.8)

NDB RWY 26

53°46.06'N
008°39.51'E

NORDHOLZ (ETMN)