AIP NETHERLANDS

TWENTHE
INSTRUMENT APPROACH CHART

RWY 24 | SRE

AD 2.EHTW-IAC-24.2
20 NOV 08

TRANSITION ALTITUDE : 3000 ft AMSL

BREMEN FIR
AMSTERDAM FIR

ELEV 115

VAR 0° (2005)

NOTES:
1. Navigation in the initial / intermediate approach segment is primarily based on radar vectors provided by ATC.
2. Execution of the complete procedure overhead depicted by — — — at ATC discretion or in case of COM-failure.
3. Distances TWN are related to DME TWN.
4. Holding procedures standard ICAO. Speed limitations are depicted on the chart.

TWENTHE / TWN
110.7 / CH.44 X
52°16'28''N 006°53'30''E

235°
FAF

562
560

232°

3000

24

06

052°

6.4 TWN

TWENTHE / TWN - 335.5
52°16'05''N 006°52'34''E

646 646
BREMEN FIR
646
LANGEN FIR

611

624

530

607

540

APP	118.575	RAPCON North
TWR	119.950	Twenthe Tower
	121.500	General Emergency in Amsterdam FIR

10 NM

AMSTERDAM FIR
LANGEN FIR

645 650
650

690 689

6°35'E | 6°40' | 6°45' | 6°50' | 6°55' | 7°00'E | 7°05'E | 7°10'E

52°25'N
52°20'
52°15'
52°10'

DO NOT DESCEND BELOW THE DESCENT PROFILE
GIVEN ALTITUDES TO BE CONSIDERED AS MNM ALT

TRANSITION LEVEL BY ATC
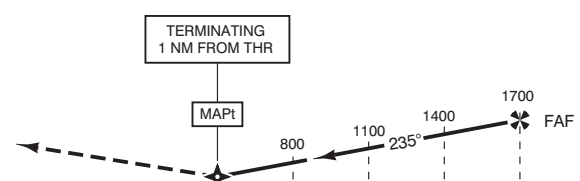TRANSITION ALTITUDE: 3000 ft AMSL

Missed Approach:
- At MAPt track 235° MAG.
- At 1500 ft AMSL turn right inbound IAF (NDB TWN). and climb to 2000 ft AMSL.
- Contact APP.

Missed Approach in case of communication failure:
- At MAPt track 235° MAG.
- At 1500 ft AMSL turn right inbound IAF (NDB TWN) and climb to 2000 ft AMSL.
- Cross TWN at 2000 ft, and execute the instrument approach procedure (NDB / DME RWY 24).

TERMINATING
1 NM FROM THR

DESCENT GRADIENT
300 ft / NM -2.83° -4.9%

1700
FAF
1400
1100
800
235°

MAPt

ELEV 114

THR 24

DIST RELATED TO THR 24

	8	7	6	5	4	3	2	1	0 NM	1	2	3	4	5	6	7	8
GS IN KT				60		80		100		120		140		160		180	
VERTICAL SPEED				ft/min		ft/min		ft/min		ft/min		ft/min		ft/min		ft/min	
				300		400		500		600		700		800		900	

OCA (OCH) ELEV THR 24: 113.91 ft

MSA BASED ON TWN NDB

2200

ACFT CAT	MAPt: 1 NM FROM THR 24	CIRCLING
A		620 (505)
B	500 (386)	700 (585)
C		800 (685)
D	NOT ALLOWED	NOT ALLOWED

CEILING AND VISIBILITY MINIMA

BEARINGS ARE MAGNETIC
DISTANCES IN NM
ALTITUDES AND ELEVATIONS
IN FEET

TAKE-OFF	DAY: NA	NIGHT: NA
LANDING	DAY:	NIGHT:

AIRAC AMDT 12/08

CHANGE : Tacan TWN withdrawn, DME TWN available, elevation, OCA/OCH, Missed Approach in case of communication failure, editorial.