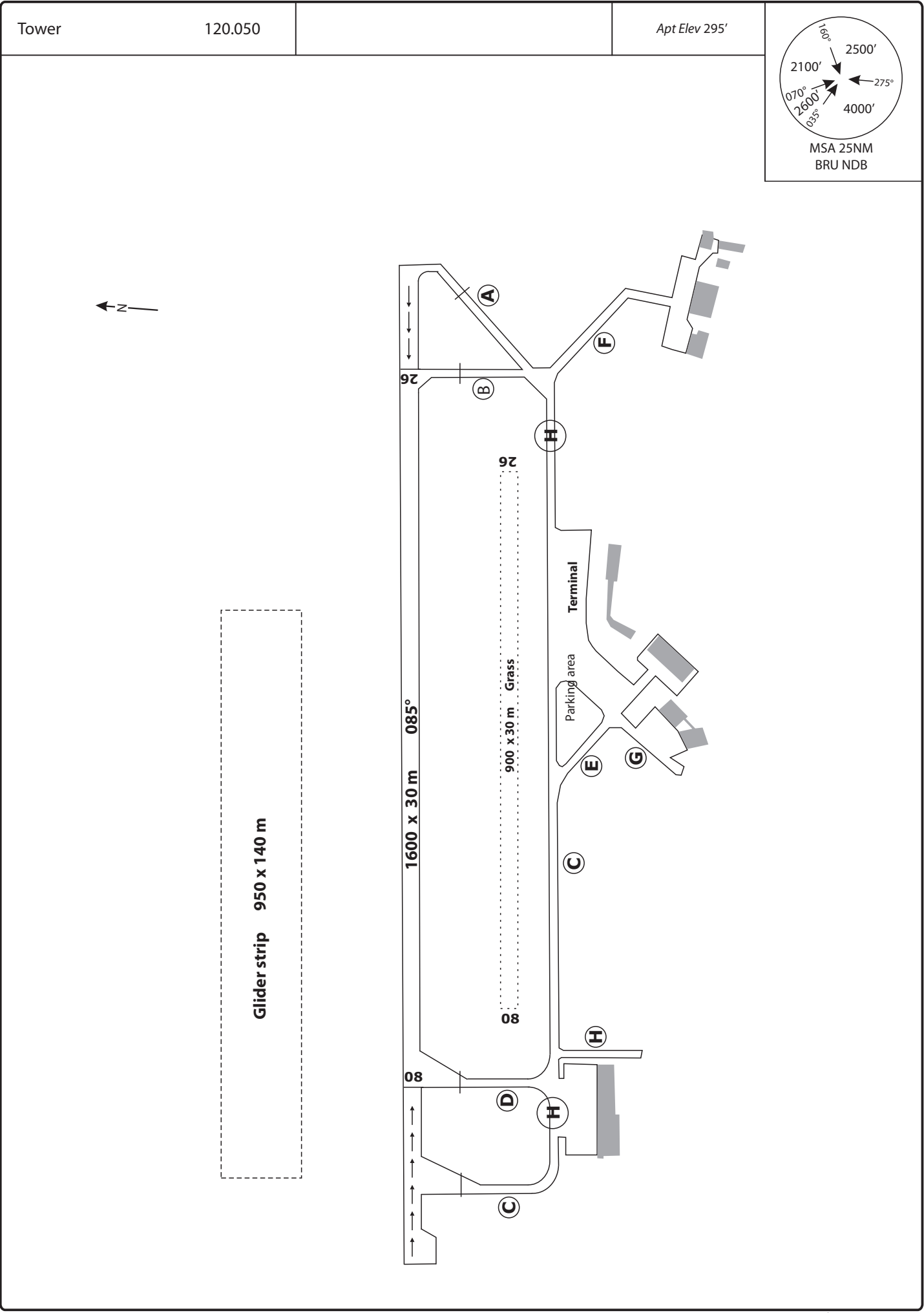




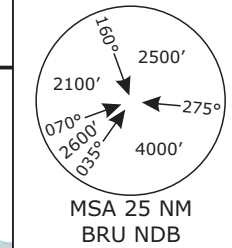
Bremen Radar

131.325

Tower

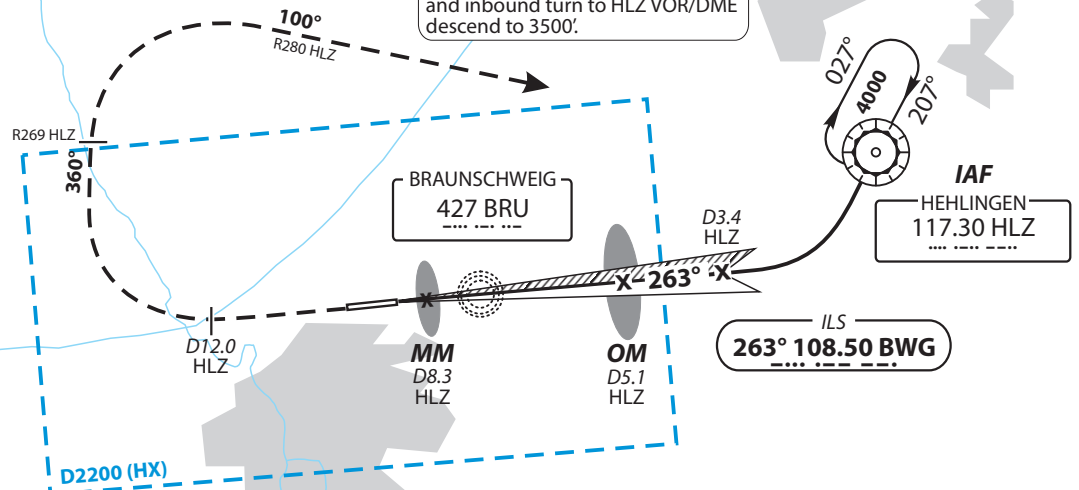
120.050

BEARINGS ARE MAGNETIC
ALTITUDES, ELEVATIONS
AND HEIGHTS IN FT.



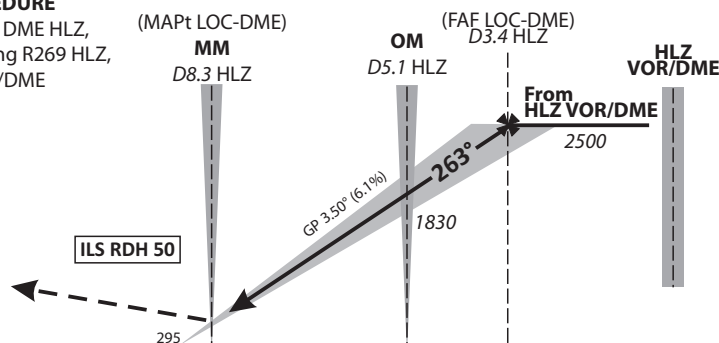
LOC: DME REQUIRED

NOTE FOR HOLDING AIRCRAFT:
After Approach Clearance reception
and inbound turn to HLZ VOR/DME
descend to 3500'.



MISSED APPROACH PROCEDURE

Climb straight ahead to 12.0 DME HLZ,
RT, on track 360° until crossing R269 HLZ,
RT, on R280 HLZ to HLZ VOR/DME
climbing to 4000.



OCA (OCH)	A	B	C	
ILS CAT I	508 (217)	520 (229)	532 (241)	
LOC-DME	670 (380)	670 (380)	670 (380)	
CIRCLING *	720	850	1000	

* NORTH OF AERODROME ONLY.

DME-HLZ	8	7	6	5	4			
DIST THR	0.9	2.0	3.0	4.1	5.2			
ALTITUDE	680	1090	1460	1870	2280			

LOC-DME: Timing not authorized for defining the MAPt.

GS	kt	80	100	120	140	160	180
OM - THR (4.0 NM)	MIN:SEC	3:00	2:24	2:00	1:43	1:30	1:20
Rate of descent (6.1 %)	Ft / MIN	490	620	740	860	990	1110

Do not use for real life navigation

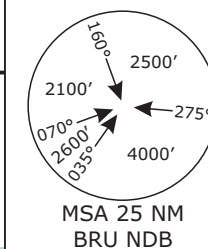
Bremen Radar

131.325

Tower

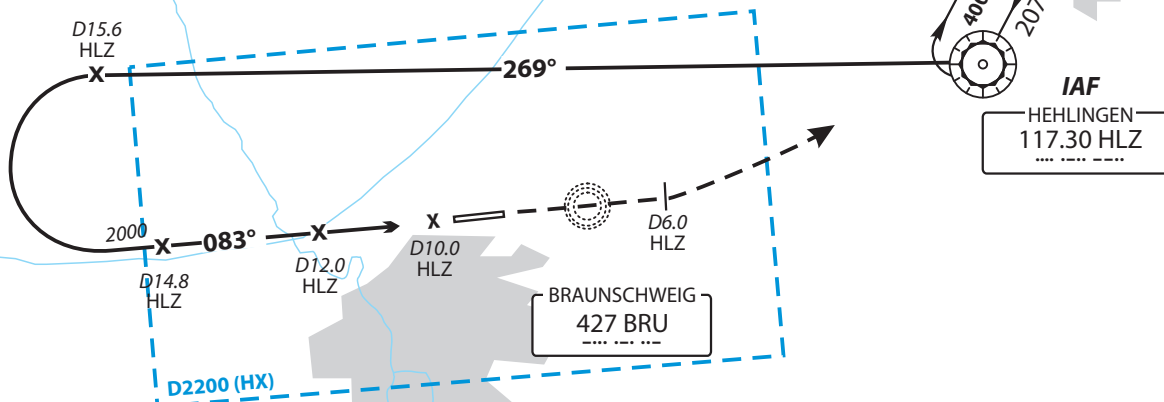
119.350

BEARINGS ARE MAGNETIC
ALTITUDES, ELEVATIONS
AND HEIGHTS IN FT.



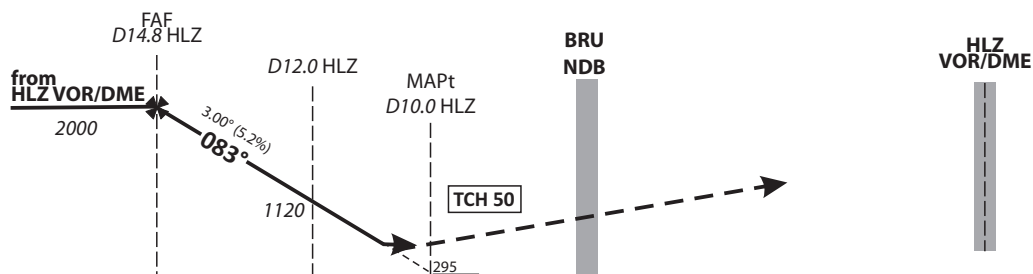
DME REQUIRED

NOTE FOR HOLDING AIRCRAFT:
After Approach Clearance reception
and inbound turn to HLZ VOR/DME
descend to 3500'.



MISSED APPROACH PROCEDURE

Climb straight ahead to 6.0 DME HLZ,
LT to HLZ VOR/DME climbing to 4000.



OCA (OCH)	A	B	C	D
NDB-DME	670 (400)	670 (400)	670 (400)	670 (400)
CIRCLING *	720	850	1000	1000

* NORTH OF AERODROME ONLY.

DME HLZ	14	13	12	11				
DIST THR	4.5	3.5	2.5	1.5				
ALTITUDE	1760	1440	1120	810				

Timing not authorized for defining the MAPt.

GS	kt	80	100	120	140	160	180
D14.7 HLZ - MAPt (4.8 NM)	MIN:SEC	3:36	2:53	2:24	2:03	1:48	1:36
Rate of descent (5.2 %)	ft / MIN	420	530	640	740	850	960

Do not use for real life navigation

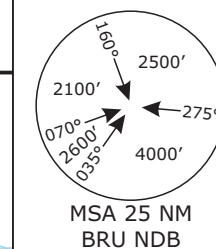
Bremen Radar

131.325

Tower

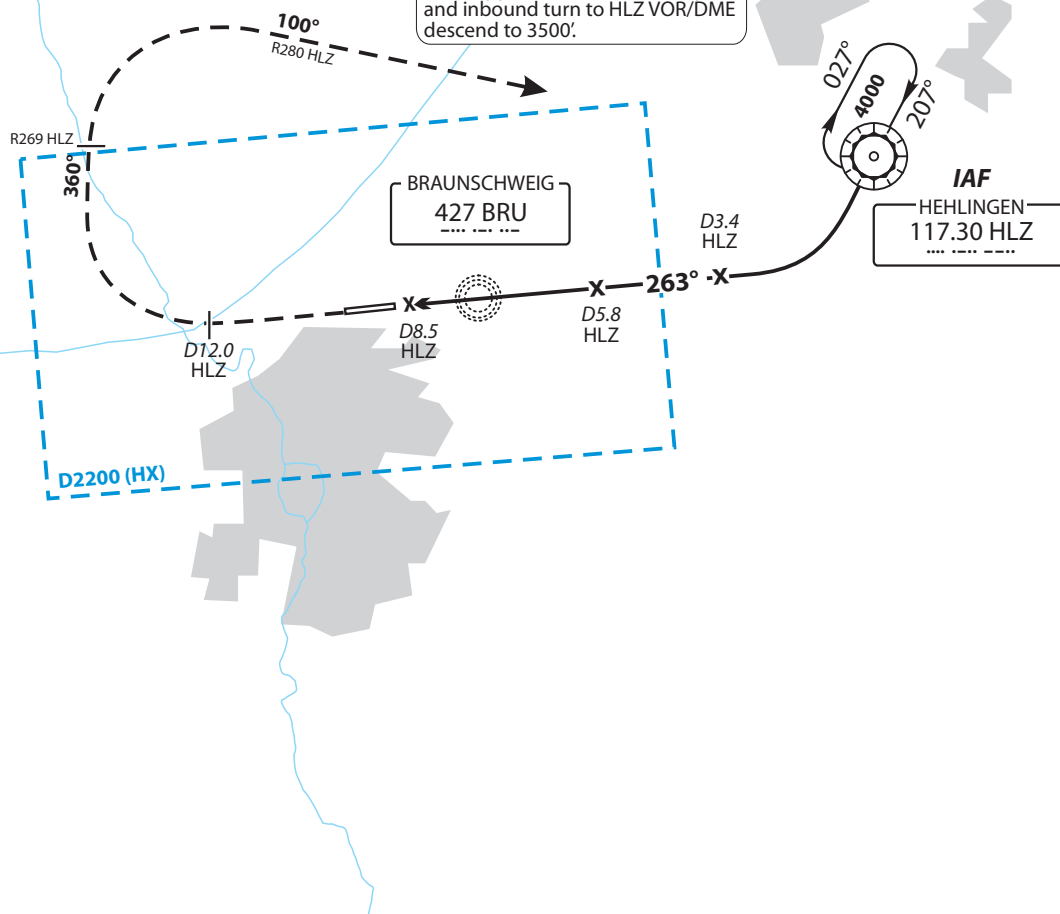
120.050

BEARINGS ARE MAGNETIC
ALTITUDES, ELEVATIONS
AND HEIGHTS IN FT.



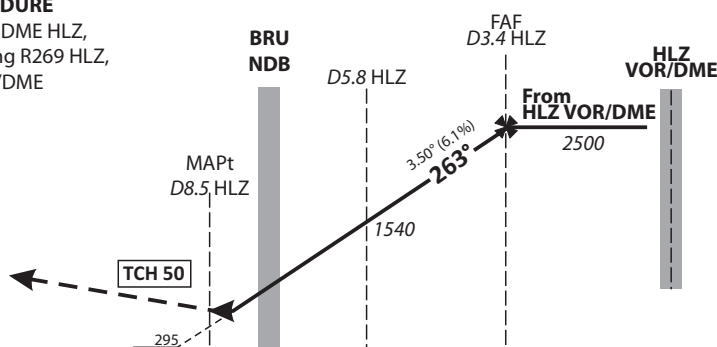
DME REQUIRED

NOTE FOR HOLDING AIRCRAFT:
After Approach Clearance reception
and inbound turn to HLZ VOR/DME
descend to 3500'.



MISSED APPROACH PROCEDURE

Climb straight ahead to 12.0 DME HLZ,
RT, on track 360° until crossing R269 HLZ,
RT, on R280 HLZ to HLZ VOR/DME
climbing to 4000.



OCA (OCH)	A	B	C	D
NDB-DME	670 (380)	670 (380)	670 (380)	670 (380)
CIRCLING *	720	850	1000	1000

* NORTH OF AERODROME ONLY.

DME HLZ	7	6	5	4				
DIST THR	2.0	3.0	4.1	5.2				
ALTITUDE	1090	1460	1870	2280				

Timing not authorized for defining the MAPt.

GS	kt	80	100	120	140	160	180
D5.8 HLZ - MAPt (2.8 NM)	MIN:SEC	2:06	1:41	1:24	1:12	1:03	0:56
Rate of descent (6.1 %)	ft / MIN	490	620	740	860	990	1110

Do not use for real life navigation

Bremen Radar

131.325

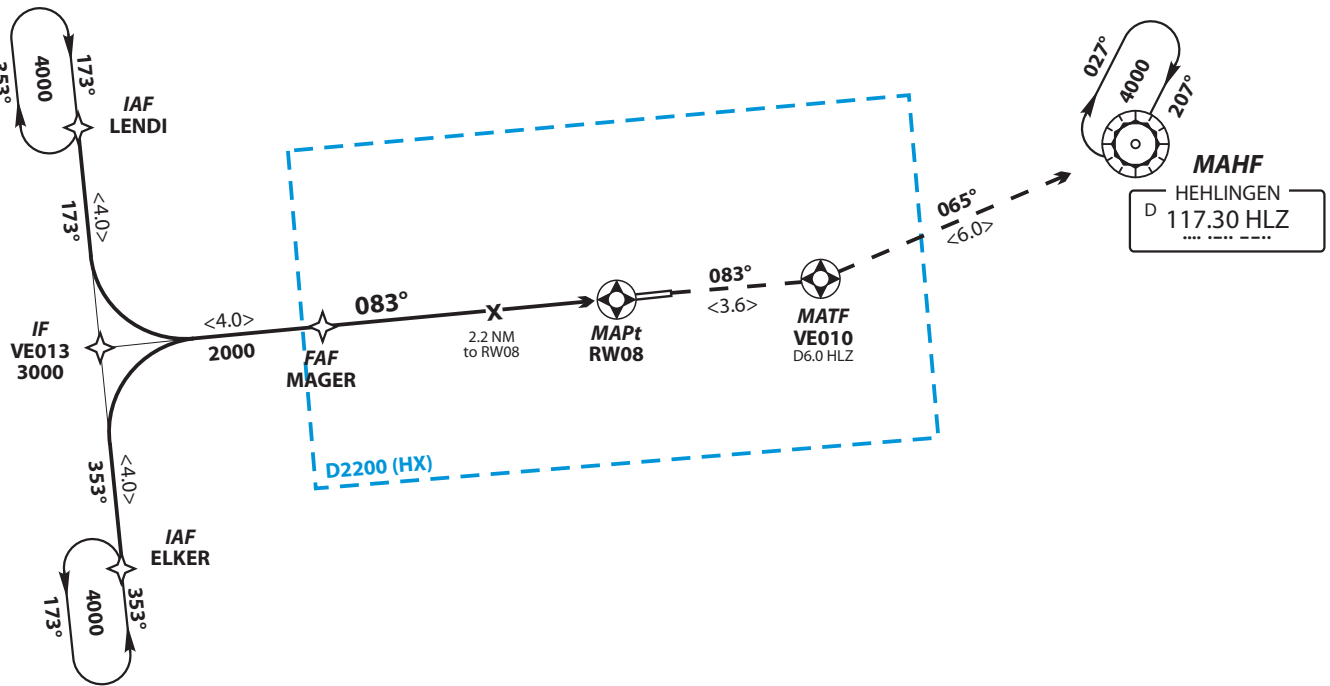
Tower

120.050

BEARINGS ARE MAGNETIC
ALTITUDES, ELEVATIONS
AND HEIGHTS IN FT.

4000'

MSA 25 NM
from ARP



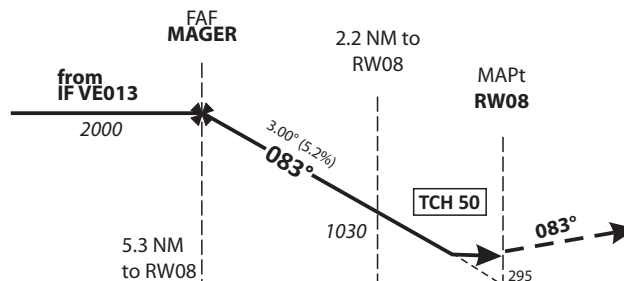
**MISSED APPROACH PROCEDURE
RNAV (GPS)**

Climb on track 083° to VEO10; LT on track 065° to HLZ climbing to 4000.

VEO10 [L] - HLZ [A4000]

NON-RNAV

Climb straight ahead to 6.0 DME HLZ;
LT to HLZ VOR/DME climbing to 4000.



OCA (OCH)	A	B	C	D
GPS	670 (400)	670 (400)	670 (400)	670 (400)

DIST THR / RW08	5	4	3	2				
ALTITUDE	1920	1600	1280	960				

Timing not authorized for defining the MAPt.

GS	kt	80	100	120	140	160	180
MAGER - RW08 (5.3 NM)	MIN:SEC	3:59	3:11	2:39	2:16	1:59	1:46
Rate of descent (5.2 %)	ft / MIN	420	530	640	740	850	960

Bremen Radar

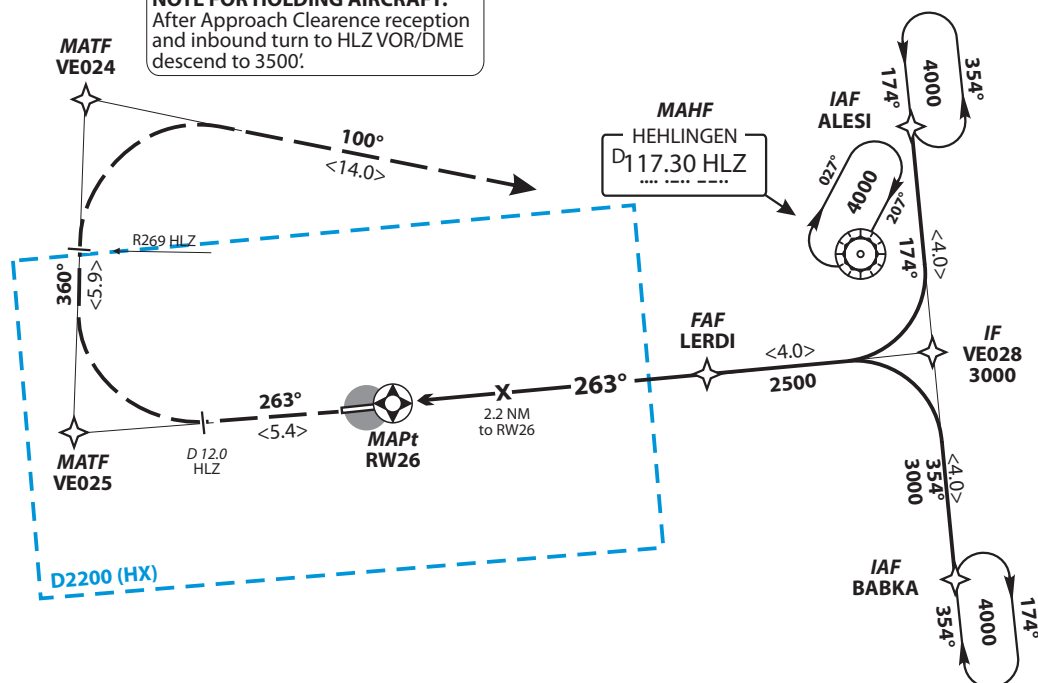
131.325

Tower

120.050

BEARINGS ARE MAGNETIC
ALTITUDES, ELEVATIONS
AND HEIGHTS IN FT.

NOTE FOR HOLDING AIRCRAFT:
After Approach Clearance reception
and inbound turn to HLZ VOR/DME
descend to 3500'.



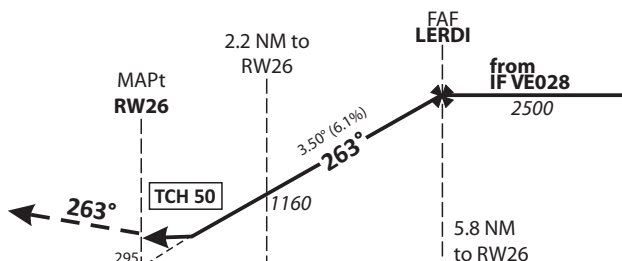
MISSED APPROACH PROCEDURE
RNAV (GPS)

Climb on track 263° to VE025, RT, on track 360° to VE024,
RT, on track 100° to HLZ climbing to 4000.

VE025 [R] - VE024 [R] - HLZ [A4000]

NON-RNAV

Climb straight ahead to 12.0 DME HLZ,
RT, on track 360° until crossing R269 HLZ,
RT, on track 100° to HLZ VOR/DME
climbing to 4000.



OCA (OCH)	A	B	C	D
GPS	670 (380)	670 (380)	670 (380)	670 (380)

DIST THR / RW08	1	2	3	4	5			
ALTITUDE	720	1090	1460	1830	2200			

Timing not authorized for defining the MAPt.

GS	kt	80	100	120	140	160	180
LERDI - RW26 (5.8 NM)	MIN:SEC	4:21	3:29	2:54	2:29	2:11	1:56
Rate of descent (6.1 %)	ft / MIN	490	620	740	860	990	1110

Do not use for real life navigation

Do not use for real life navigation

DESIGNATOR	ROUTE	After Take-Off		Remarks
		climb to	contact	
DIRBO 6U	DIRBO SIX UNIFORM Direct BRU; LT, on R249 HLZ to 2.3 DME HLZ; LT on R324 HLZ to 17.0 DME HLZ; RT on R044 DLE to DIRBO. GPS/FMS RNAV: [A700+] - BRU[L] - <u>VE084</u> [L] - VE085 - VE086[R] - DIRBO.	4000 ft	Bremen Radar 131.325	
BATEL 4U	BATEL FOUR UNIFORM Direct BRU; LT, on R249 HLZ to HLZ; LT on R044 HLZ to BATEL. GPS/FMS RNAV: [A700+] - BRU[L] - HLZ[L] - BATEL.			Only for flights with destination EDDB, EDDT or EDDI.
HLZ 6U	HEHLINGEN SIX UNIFORM Direct BRU; LT, on R249 HLZ to HLZ. GPS/FMS RNAV: [A700+] - BRU[L] - HLZ.			No access to UL980.
POVEL 4U	POVEL FOUR UNIFORM Direct BRU; LT, on R249 HLZ to 2.3 DME HLZ; RT, on R174 HLZ to POVEL. GPS/FMS RNAV: [A700+] - BRU[L] - <u>VE084</u> [R] - VE087 - POVEL.			
NORTA 5U	NORTA FIVE UNIFORM Direct BRU; cross BRU () at 700 or above; RT, on R230 HLZ to NORTA. GPS/FMS RNAV: [A700+] - <u>BRU</u> [R] - VE081 - NORTA.			
DLE 6U	LEINE SIX UNIFORM Direct BRU; cross BRU at 700 or above; LT, on R074 DLE to DLE. GPS/FMS RNAV: [A700+] - <u>BRU</u> [L] - VE083 - DLE.			
NIE 6U	NIENBURG SIX UNIFORM Direct BRU; cross BRU at 700 or above, LT, on track 301° CEL to CEL; LT, on R094 NIE to NIE. GPS/FMS RNAV: [A700+] - <u>BRU</u> [L] - VE082 - CEL[L] - NIE.			

(Sample: VE084 fly-over way point.)

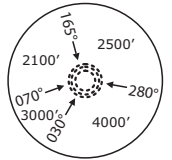
Contact Bremen Radar immediately after take-off!

Tower 120.050

Bremen Radar 131.325

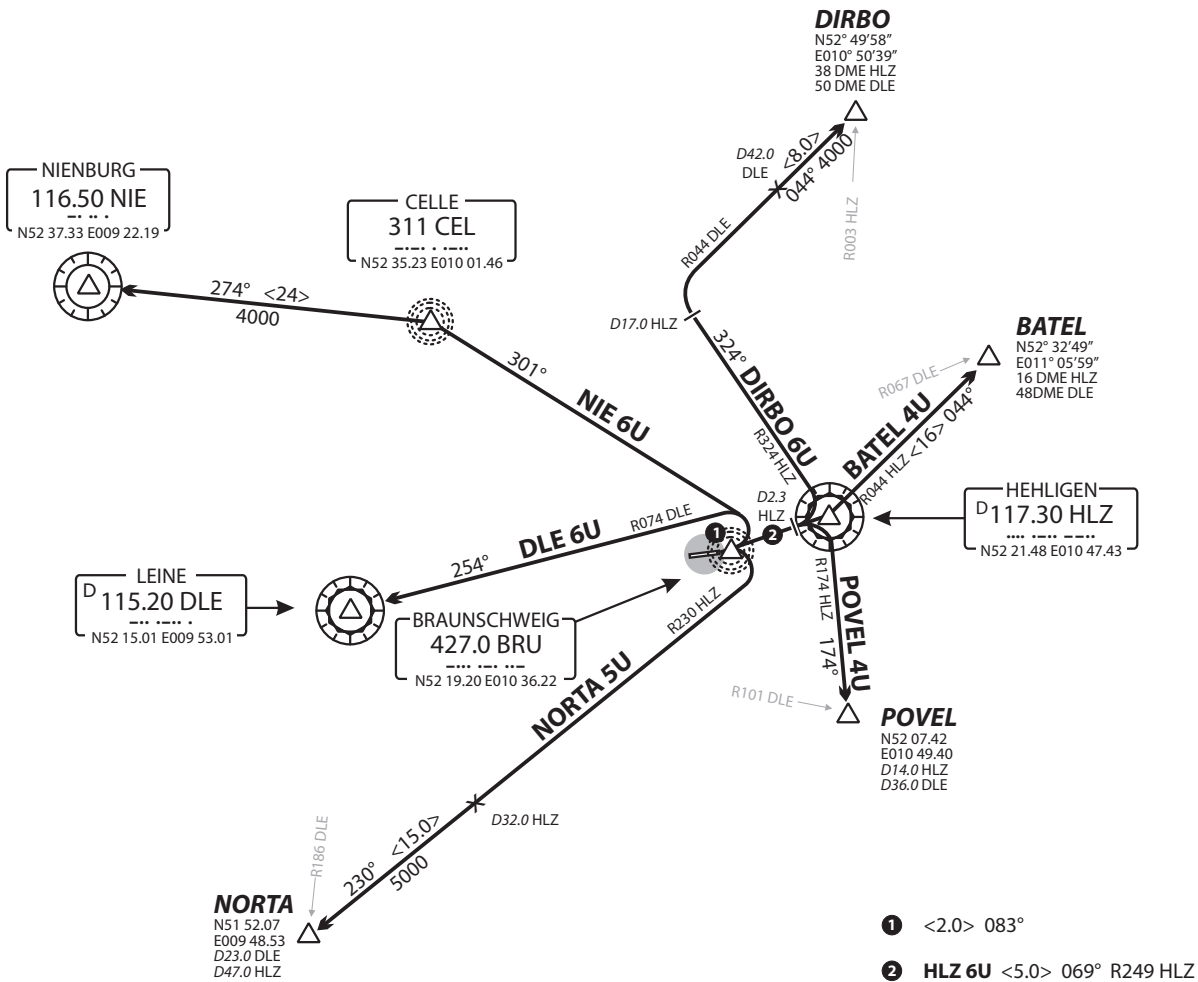
Transition altitude 5000

BEARINGS AND TRACKS
ARE MAGNETIC
ALTITUDES IN FT MSL



MSA 25 NM
from BRU NDB

Do not use for real life navigation



Do not use for real life navigation

DESIGNATOR	ROUTE	After Take-Off		Remarks
		climb to	contact	
NIE 6T	NIENBURG SIX TANGO On track 264° BRU to 12.0 DME HLZ; RT, on track 316° CEL to CEL; LT, on R094 NIE to NIE. GPS/FMS RNAV: [A700+] - VE263[R] - CEL[L] - NIE.	4000 ft	Bremen Radar 131.325	
DIRBO 6T	DIRBO SIX TANGO On track 264° BRU to 12.0 DME HLZ; RT, on track 316° CEL inbound CEL until crossing R051 DLE; RT, on R044 DLE to DIRBO. GPS/FMS RNAV: [A700+] - VE263[R] - VE264[R] - DIRBO.			
BATEL 4G	BATEL FOUR GOLF On track 264° BRU to 12.0 DME HLZ; RT, on R067 DLE to BATEL. GPS/FMS RNAV: [A700+] - <u>VE260</u> [R] - VE261 - BATEL.			Only for flights with destination EDDB, EDDT or EDDI.
HLZ 5T	HEHLINGEN FIVE TANGO On track 264° BRU to 12.0 DME HLZ; RT, on R277 HLZ to HLZ GPS/FMS RNAV: [A700+] - <u>VE260</u> [R] - VE262 - HLZ.			No access to UL980.
POVEL 4W	POVEL FOUR WHISKEY On track 264° BRU to 12.0 DME HLZ; LT, on track 180° until passing R095 DLE; LT, on R101 DLE to POVEL. GPS/FMS RNAV: [A700+] - VE265[L] - VE266[L] - POVEL.			
NORTA 5T	NORTA FIVE TANGO On track 264° BRU to 12.0 DME HLZ; LT, on track 180° until passing R097 DLE; RT, on R230 HLZ to NORTA. GPS/FMS RNAV: [A700+] - VE265[L] - VE266[R] - NORTA.			
DLE 5T	LEINE FIVE TANGO On track 264° BRU to 12.0 DME HLZ; LT, on R079 DLE to DLE. GPS/FMS RNAV: [A700+] - VE263[L] - DLE.			

(Sample: VE260 fly-over way point.)

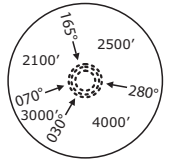
Contact Bremen Radar immediately after take-off!

Tower 120.050

Bremen Radar 131.325

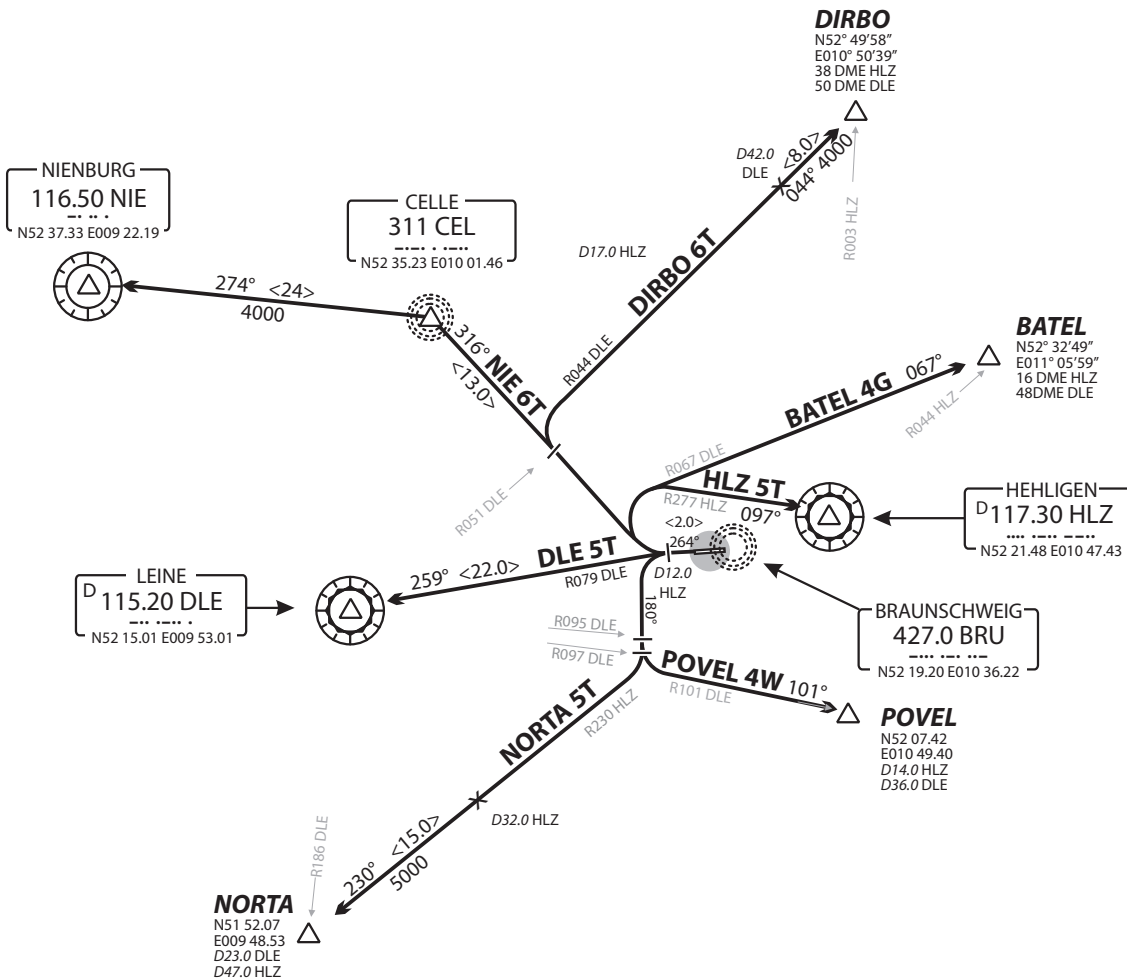
Transition altitude 5000

BEARINGS AND TRACKS
ARE MAGNETIC
ALTITUDES IN FT MSL



MSA 25 NM
from BRU NDB

Do not use for real life navigation

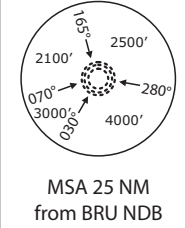


Contact Bremen Radar immediately after take-off!

Bremen Radar 131.325

Transition altitude 5000

BEARINGS AND TRACKS
ARE MAGNETIC.
ALTITUDES IN FEET MSL.



NIENBURG
116.50 NIE
N52 37.33 E009 22.19



NIE 3H
<36.8> 113° 4000
Hannover

ULSEN
N52 50.45
E010 34.55

ULSEN 3B
<30.5> 200° 4000

DIRBO
N52 49.56
E010 50.39

BKD 6B
<28.2> 244° 5000 (FL120*)

BRÜNKENDORF
D 117.70 BKD
N53 02.04 E011 32.46

* OPERATIONAL FL.

LEINE
D 115.20 DLE
N52 15.01 E009 53.01

DLE 4A
<15.6> 091° 4000

BRAUNSCHWEIG-
WOLFSBURG

IAF
ELKER

POVEL 2B
<20.3> 288° 4000

POVEL
N52 07.42
E010 49.40

NORTA 3B
<28.8> 038° 5000

NORTA
N51 52.07
E009 48.39

LARET 4H
<22.0> 318° 6000

LARET
N52 50.04
E010 52.10

ELNAT 1B
<56.2> 019° 6000

ELNAT
N51 12.16
E009 41.28

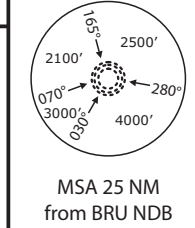
- ① <10.0> 4000
- ② <10.0> 4000

Do not use for real life navigation

Bremen Radar 131.325

Transition altitude 5000

BEARINGS AND TRACKS
ARE MAGNETIC.
ALTITUDES IN FEET MSL.



NIENBURG
116.50 NIE
N52 37.33 E009 22.19



* OPERATIONAL FL.

Hannover

LEINE
D 115.20 DLE
N52 15.01 E009 53.01



**BRAUNSCHWEIG-
WOLFSBURG**

ULSEN
N52 50.45
E010 34.55

ULSEN 3A
<28.1> 19° 5000 (FL120*)

BRÜNKENDORF
D 117.70 BKD
N53 02.04 E011 32.46



NIE 3R
<54.8> 103° 4000

DLE 4R
<35.2> 086° 4000

ULSEN
N52 50.45
E010 34.55

ULSEN 3A
<28.1> 19° 5000 (FL120*)

BKD 4V
<36.4> 214° 5000

10.0 NM
to ALESI

IAF ALESI

IAF BABKA

POVEL
N52 07.42
E010 49.40

20.0 NM
to BABKA

NORTA 5R
<25.0> 056° 6000

NORTA
N51 52.07
E009 48.39

10.0 NM
to BABKA

POVEL
N52 07.42
E010 49.40

LARET 4R
<16.1> 356° 6000

LARET
N52 50.04
E010 52.10

① **POVEL 3R**
<8.4> 001°
4000

② <10.0>
4000

ELNAT 1B
<56.2> 019° 6000

ELNAT
N51 12.16
E009 41.28

Do not use for real life navigation

MSA 25 NM
from BRU NDB