EDDV

Airport information:

Country: Germany
City: HANNOVER
Coordinates: N 52° 27.6', E009 41.0
Elevation: 183
Customs: Customs: 0500-2300, 2300-0500 1 HR O/R
Fuel: 100LL, Jet A1
RFF: CAT 9
hours: H24

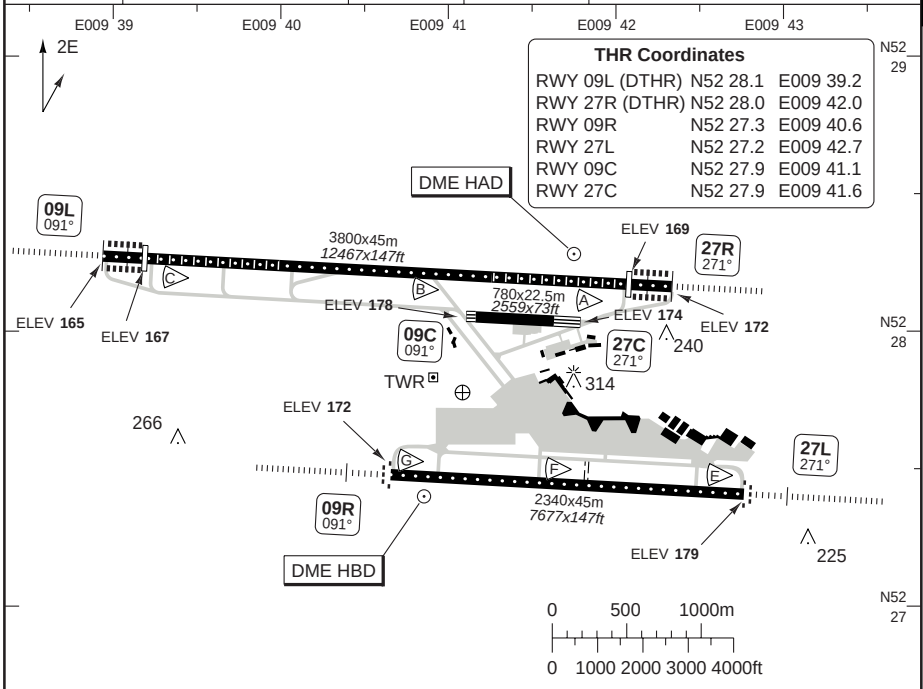
Runways:

Runway 09L
    Takeoff length: 3200, Landing length: 3200
Runway 09R
    Takeoff length: 2340, Landing length: 2340
Runway 27L
    Takeoff length: 2340, Landing length: 2340
Runway 27R
    Takeoff length: 3200, Landing length: 3200

AERODROME HANNOVER

Hannover GND	CLR Datalink only	De-icing	TWR	Bremen RAD	Hannover ATIS (D)
121.95		**135.225**	**120.175** **120.4**	**131.325**	**136.575**

AD Elev **183** | ARP: N52 27.6 E009 41.0 | RFF: CAT 8 | AD HR: H24



RWY	Slope	TORA m/*ft*	LDA m/*ft*	ALS	REDL	RCLL	Additional
09L	0	❶ 3200 / *10498*	3200 / *10498*	H-B	H ❷	15m	P 3° (61), REIL
27R	0	❶ 3200 / *10498*	3200 / *10498*	H-B	H ❷	15m	P 3° (54), REIL
09R	0	2340 / *7677*	2340 / *7677*	H-D	H ❸	30m	P 3° (64), REIL
27L	0	2340 / *7677*	2340 / *7677*	H-D	H ❸	30m	P 3° (54), REIL
09C ❹	- 0.2	610 / *2001*	550 / *1804*	-	-	-	-
27C ❹	+ 0.2	720 / *2362*	550 / *1804*	-	-	-	-

❶ From TWY H/N. 3500m / *11482ft* AVBL from TWY G/M.

❷ White. ❸ Edge lights and CLL white. ❹ ACFT < 5700kg.

EU OPS TAKE OFF MINIMA

RWY	Facilities	RVR A B C	RVR D
09L/27R	HRCLL + HREDL + Multiple RVR + HUD **Ap.O** **LVTO**	**75** m	**75** m
ALL	HRCLL + HREDL + Multiple RVR **Ap.O** **LVTO**	**125** m	**150** m
	RCLL + REDL + Multiple RVR **LVTO**	**150** m	**200** m
	RCLL + REDL **LVTO**	**200** m	**250** m
	RCL (day only) or RCL + REDL **LVTO**	**250** m	**300** m
	RCL (day only) or RCL + REDL	**400** m	**400** m
	NIL (day only)	**500** m	**500** m

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Change: QFU

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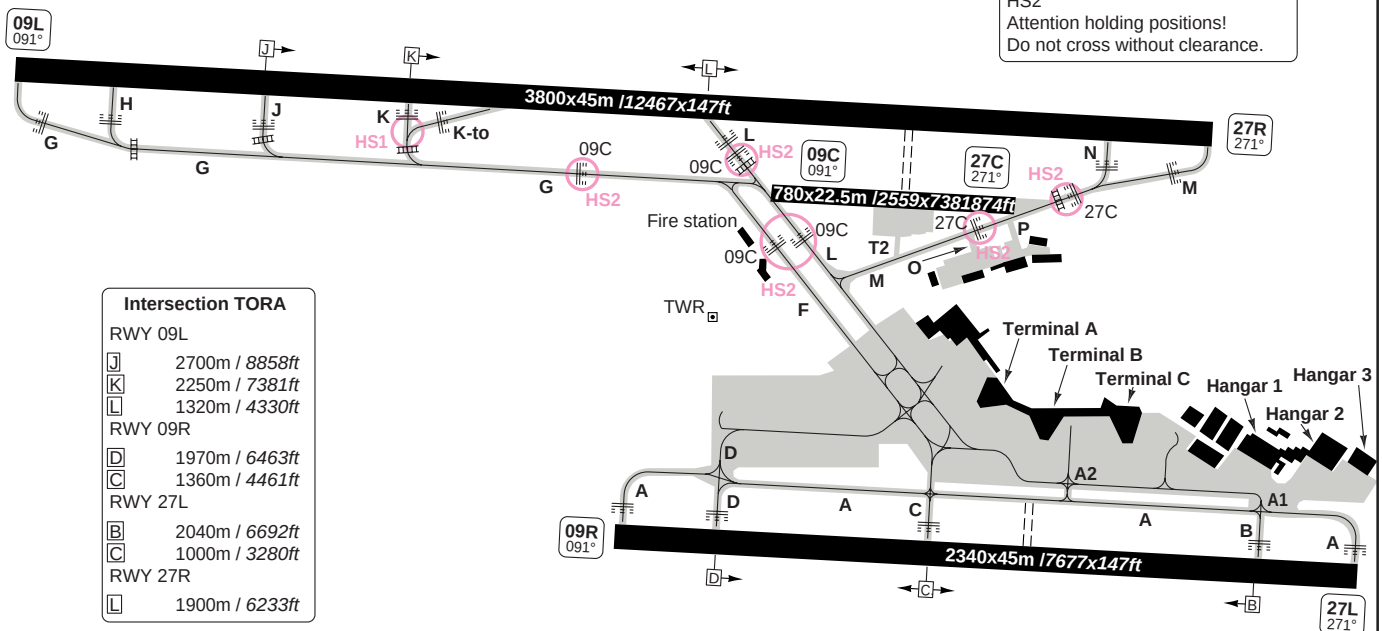
Hannover GND	CLR	De-icing	TWR	Bremen RAD	ATIS (D)
121.95	Datalink only	**135.225**	**120.175** **120.4**	**131.325**	**136.575**

Hot Spots
HS1
Intersection TKOF "Kilo"!
Do not mistake "Kilo" and "Kilo-to".
HS2
Attention holding positions!
Do not cross without clearance.



Intersection TORA

RWY 09L
J 2700m / *8858ft*
K 2250m / *7381ft*
L 1320m / *4330ft*
RWY 09R
D 1970m / *6463ft*
C 1360m / *4461ft*
RWY 27L
B 2040m / *6692ft*
C 1000m / *3280ft*
RWY 27R
L 1900m / *6233ft*

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Change: Hot Spots

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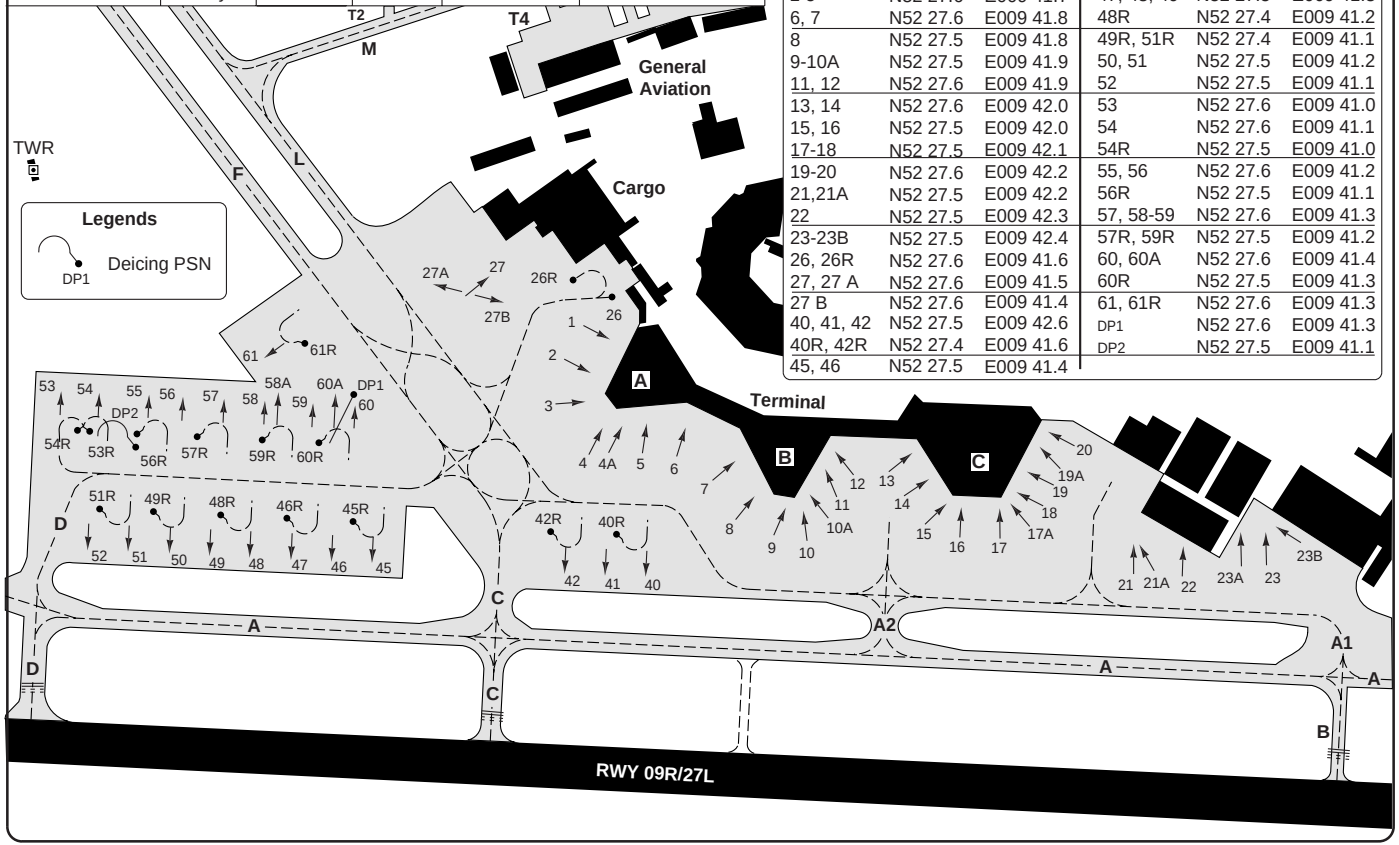
Hannover GND	CLR Datalink only	De-icing	TWR	Bremen RAD	Hannover ATIS (D)
121.95		**135.225**	**120.175** **120.4**	**131.325**	**136.575**



Parking position coordinates

1	N52 27.7	E009 41.7	45R, 46R	N52 27.4	E009 41.3
2-5	N52 27.6	E009 41.7	47, 48, 49	N52 27.5	E009 41.3
6, 7	N52 27.6	E009 41.8	48R	N52 27.4	E009 41.2
8	N52 27.5	E009 41.8	49R, 51R	N52 27.4	E009 41.1
9-10A	N52 27.5	E009 41.9	50, 51	N52 27.5	E009 41.2
11, 12	N52 27.6	E009 41.9	52	N52 27.5	E009 41.1
13, 14	N52 27.6	E009 42.0	53	N52 27.6	E009 41.0
15, 16	N52 27.5	E009 42.0	54	N52 27.6	E009 41.1
17-18	N52 27.5	E009 42.1	54R	N52 27.5	E009 41.0
19-20	N52 27.6	E009 42.2	55, 56	N52 27.6	E009 41.2
21,21A	N52 27.5	E009 42.2	56R	N52 27.5	E009 41.1
22	N52 27.5	E009 42.3	57, 58-59	N52 27.6	E009 41.3
23-23B	N52 27.5	E009 42.4	57R, 59R	N52 27.5	E009 41.2
26, 26R	N52 27.6	E009 41.6	60, 60A	N52 27.6	E009 41.4
27, 27 A	N52 27.6	E009 41.5	60R	N52 27.5	E009 41.3
27 B	N52 27.6	E009 41.4	61, 61R	N52 27.6	E009 41.3
40, 41, 42	N52 27.5	E009 42.6	DP1	N52 27.6	E009 41.3
40R, 42R	N52 27.4	E009 41.6	DP2	N52 27.5	E009 41.1
45, 46	N52 27.5	E009 41.4			

Change: COM.

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GENERAL

1. NIGHT FLIGHT RESTRICTION

1.1 ACFT not complying with noise levels acc ICAO Annex 16, volume 1, Chapter 3:
No TKOF/LDG: 21-05.

1.2 Noise certificated ACFT
ICAO Annex 16, Volume 1, Chapter 3 up to 25ton and following ACFT:

-A300/A310/A319/A320/A321/A330/A340
-BAe 146/AVRO RJ-series
-B717, B727-100 with 3 tay engines
-B737-300/-400/-500/-600/-700/-800
-B747-400, B757, B767, B777
-Canadair RJ
-F70, F100
-Gulfstream IV/V
-DC8-70, MD11, MD90
-TU204
TKOF/LDG: No restrictions.

1.3 MD80 (all versions) and DC10-30
No TKOF: 22-05.
LDG: No restrictions

1.4 L1011 and DC10
TKOF: No restrictions.
No LDG: 22-05.

1.5 Other ACFT (not mentioned above)
No TKOF/LDG: 22-05.

2. TWY RESTRICTION

2.1 TWY width B - 15m/*49ft*, Q - 18m/*59ft,* T3 and T4 - 10m/*32ft.*

2.2 MAX wingspan on TWY T3 - 17m/*55ft*, Q - 36m/*118ft,* T4 - 20m/*65ft.*

3. TRAFFIC NOTE

On aprons aircraft are permitted to taxi only at the indispensible minimum engine speed.

4. SPEED

MAX 250kt below FL100.

ARRIVAL

1. PARALLEL APPROACH

Reduced diagonal separation 1.5nm is applied on final during parallel APCH.

2. NOISE ABATEMENT PROCEDURE

2.1 Arrange flight to leave IAF at a speed which permit OPS in clean configuration. Maintain speed until 12nm from TDP. 210kt +/- 10kt recommended.

2.2 Recommended 160kt +/- 10kt to OM with intermediate flap setting.

2.3 Landing configuration shall be established shortly prior to or over the OM.

2.4 Between 20-05 do not use more than idle reverse.

DEPARTURE

1. DATALINK

1.1 Air Traffic Flow Management (ATFM) regulated flights: Earliest 30min prior CTOT request start-up approval an end en-route clearance via DLK. To be obtained latest 16min prior CTOT.

1.2 Flights not regulated by ATFM: Earliest 25min prior EOBT request start-up approval and en-route clearance via DLK. To be obtained latest 11min prior EOBT.

1. PUSH BACK

Push back from parking PSN 1-23B, 27, 40-61.

1. DE-ICING PROCEDURES

3.1 DE-ICING AREAS
De-icing will take place at the designated areas DP1 and DP2 (see chart 10-3).
In exceptional cases, de-icing may take place on the positions in between and will be assigned by the icehouse. The de-icing of jet acft will be carried out with engines running and APU switched off on the respective positions. This applies to ACFT type ATR 42/72 with propeller brakes applied.

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3.2 NOTIFICATION OF DE-ICING OPERATION
De-icing shall be requested to the icehouse 30min prior to OFB/CTOT by phone (0511-977- 1415), however, at the latest when obtaining start-up clearance.

3.3 TAXIING TO DE-ICING AREAS
The areas fall within the responsibility of the FHG. Traffic will be guided by DFS ground control. After start-up clearance/push back, ACFT will be guided to the immediate vicinity of the de-icingareas. The ACFT will then be guided by a follow-me car to a vacant position.

3.4 AERONAUTICAL STATION FOR THE DE-ICING OF ACFT
After parking report flight number to HANNOVER DE-ICING 135.225. On completion of de-icing pilot shall report “ready to taxi” to GROUND. If engines have to be restarted, this shall also be reported. During the de-icing process, the pilot shall maintain constant listening watch on respective frequency.

3.5 TAXIING FROM DE-ICING AREA
May only be carried out following the express clearance by the DFS ground controller and with absolute minimum number of engine revolutions required.

After de-icing the area shall be vacated as quickly as possible after receiving taxi clearances.

3.6 SPECIAL SERVICE
As far as meteorlogical conditions allow, pre de-icing measures with water can be conducted on the parking positions if notifi ed in good time. This serves merely to guarantee safe taxiing to the de-icing pads.

3.7 HANDS-ON CHECK
The Hands-on check will generally only be carried out by representatives of the air transport company concerned or by a crew member of the de-iced aircraft on the respective de-icing pad. A Hands-on check shall be requested by the crew through a handling agent only. On instructions from the icehouse, an aircraft may be towed to another position for the Hands-on check or planned for another de-icing position in the pre-planning stage already.

If Hands-on check becomes necessary, the control tower shall be informed in time, but at the latest when requesting start-up clearance. The employees of FHG and AGS (de-icing personnel) will not carry out these checks.

4. NOISE ABATEMENT PROC

4.1 Noise certified aircraft in accordance with ICAO Annex 16, Chapter 2:

a) TKOF to 1500ft GND.
- take-off power
- take-off flaps
- climb at V2+10kt

b) At 1500ft GND
- reduce power to not less than climb power

c) From 1500ft GND to 3000ft GND
- climb at V2+10kt

d) At 3000ft GND
- accelaration during climb and retraction of flaps
- normal transition to enroute climb

4.2 Noise certified aircraft in accordance with ICAO Annex 16, Chapter 3:

a) TKOF to 1500ft GND.
- take-off power
- take-off flaps
- climb at V2+10kt

b) At 1500ft GND
- reduce power to not less than climb power
- accelaration during climb and retraction of flaps
- normal transition to enroute climb

5. TKOF

Wake turbulence separation is provided using distance-based separation minima.

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Change: Sectors.

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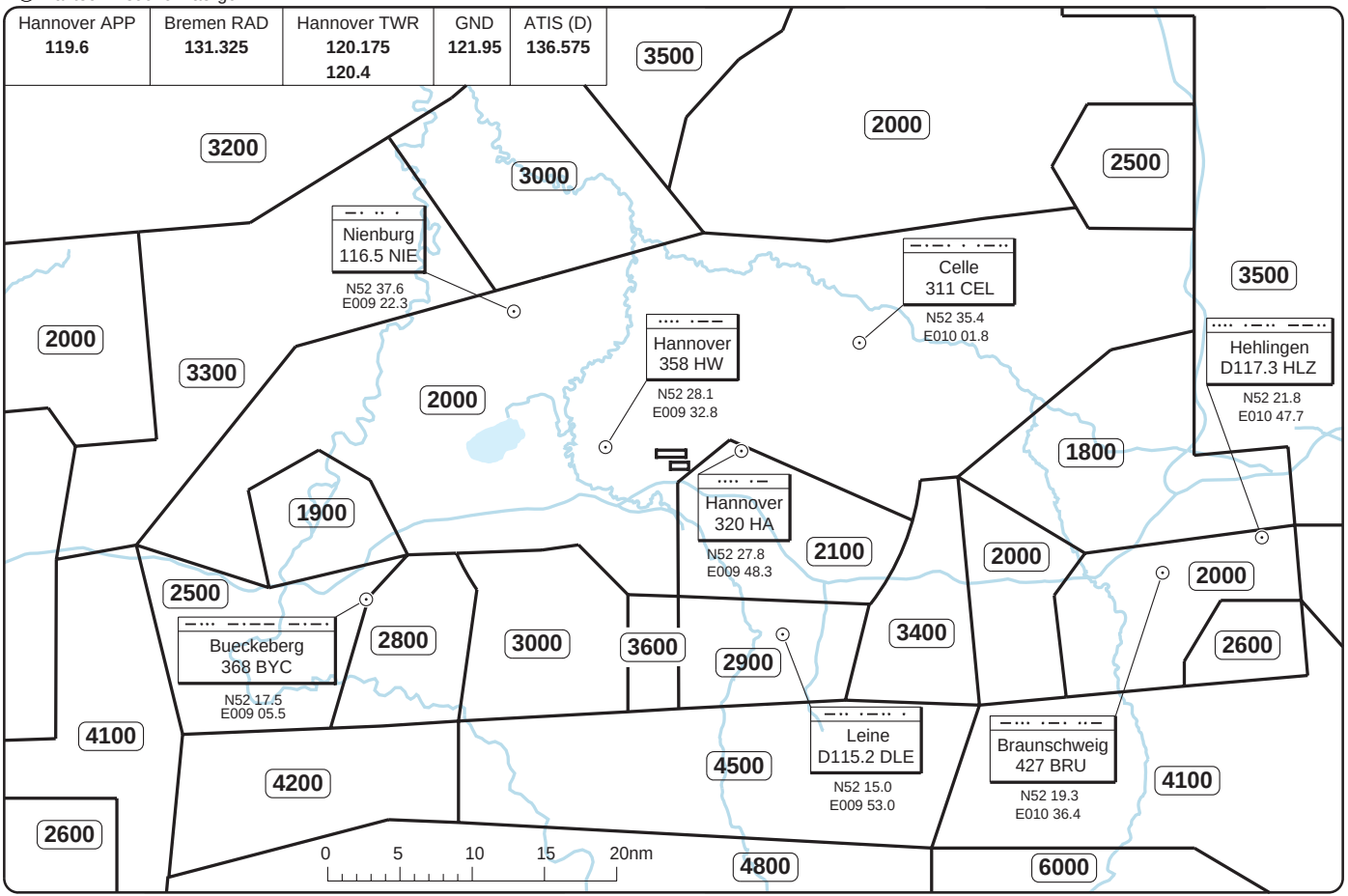
RADAR Minimum Altitudes

HANNOVER

Hannover APP	Bremen RAD	Hannover TWR	GND	ATIS (D)
119.6	131.325	120.175 120.4	121.95	136.575



Radar Procedures
HANNOVER

Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	**119.6**	**120.175** **120.4**	**121.95**	**136.575**

SRA RWY 09L

FAT **091°** | DTHR Elev **167** | AD Elev **183** | TL **ATC** | TA **5000**

ACFT	SRA
EU OPS A	**750** (590) 1500m
EU OPS B	
EU OPS C	**750** (590) 2000m
EU OPS D	

Note: Circling NA

Turn left to NIE
as soon as practicable
climbing to **4000** .

SRA RWY 09R

FAT **091°** | THR Elev **172** | AD Elev **183**

ACFT	SRA
EU OPS A	**750** (580) 1500m
EU OPS B	
EU OPS C	**750** (580) 1900m
EU OPS D	

Note: Circling NA

Climb on 091°. At D7.7
HBD turn right.
Intercept R008 DLE
to DLE. Turn right R267
DLE to ROBEG, climbing
to **4000**.

SRA RWY 27L

FAT **272°** | THR Elev **179** | AD Elev **183**

ACFT	SRA
EU OPS A	**750** (570) 1500m
EU OPS B	
EU OPS C	**750** (570) 1900m
EU OPS D	

Note: Circling NA

Climb on 272° to **1500**,
turn left to DLE
climbing to **4000** .

SRA RWY 27R

FAT **272°** | DTHR Elev **169** | AD Elev **183**

ACFT	SRA
EU OPS A	**750** (580) 1500m
EU OPS B	
EU OPS C	**750** (580) 1900m
EU OPS D	

Note: Circling NA

Turn right to CEL
as soon as practicable
climbing to **4000** .

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Reverse side blank

Change: Minima

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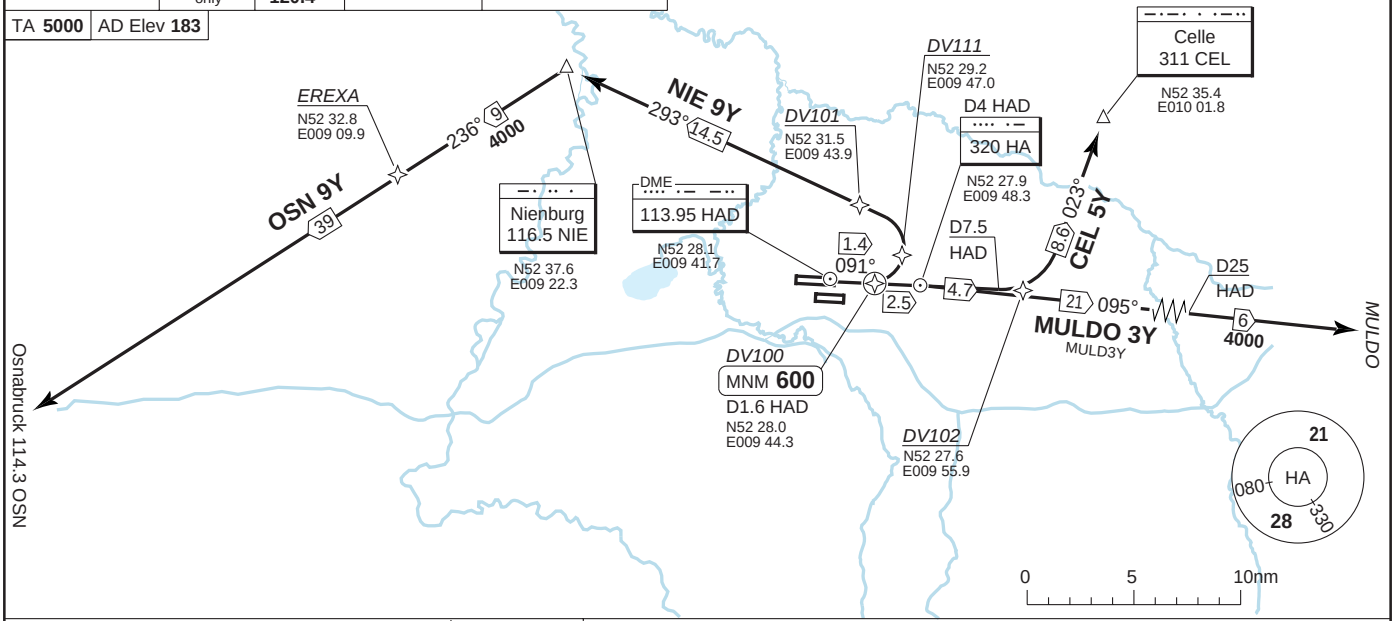
Hannover GND	CLR Datalink only	TWR	Bremen RAD	Hannover ATIS (D)
121.95		**120.175** **120.4**	**131.325**	**136.575**

TA **5000** | AD Elev **183**



COM: Contact Bremen RAD 131.325 immediately after TKOF.

SPEED: MAX 250kt below FL100.

ALT RESTRICTION: Climb to **4000**.

SID	Routeing
CEL 5Y	Climb on 091° via HA - at D7.5 HAD turn left - 023° - CEL RNAV: MNM **600** DV102 - CEL
MULDO 3Y	Climb on 091° - at HA turn right - 095° from HA - MULDO RNAV: MNM **600** HA - MULDO
NIE 9Y	Climb on 092° - at D1.6 HAD or **600** , whichever is late, turn left - 293°/R113 NIE - NIE RNAV: MNM **600** DV100 - DV111 - DV101 - NIE
OSN 9Y	Climb on 092° - at D1.6 HAD or **600** , whichever is later, turn left - 293°/R113 NIE - NIE - turn left - R236 NIE / R056 OSN - EREXA - OSN RNAV: MNM **600** DV100 - DV111 - DV101 - NIE - EREXA - OSN

Change: New print.

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SID RWY 09L **RNAV** GPS/FMS Overlay North, West, East

30 - 1 | 13 JUL 11

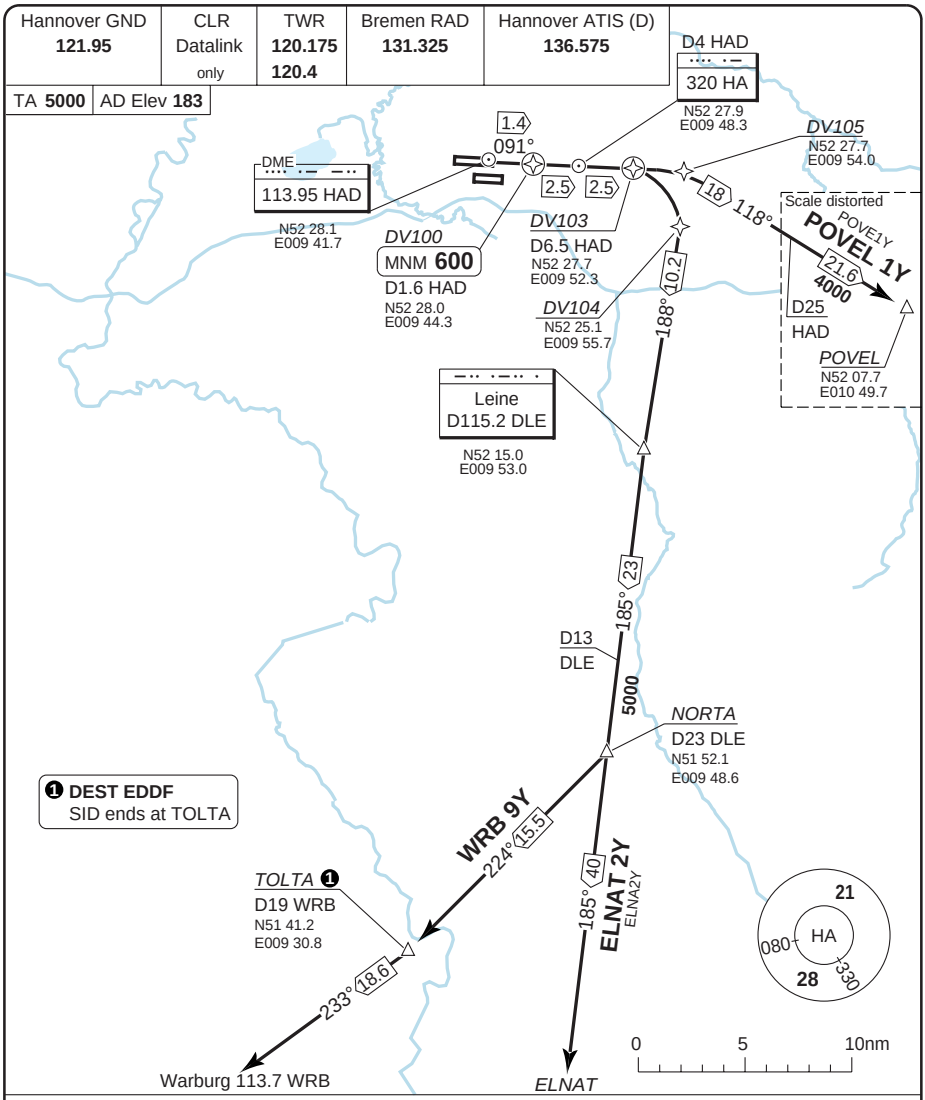
Germany - EDDV / HAJ

HANNOVER

SID RWY 09L RNAV GPS/FMS Overlay South — HANNOVER

Hannover GND	CLR Datalink only	TWR	Bremen RAD	Hannover ATIS (D)
121.95		120.175 120.4	131.325	136.575

TA 5000 | AD Elev 183



COM: Contact Bremen RAD 131.325 immediately after TKOF.
SPEED: MAX 250kt below FL100.
ALT RESTRICTION: Climb to **4000**.

SID	Routeing
ELNAT 2Y	Climb on 091° via HA - at D6.5 HAD turn right - 188°/R008 DLE - DLE - R185 DLE - NORTA - ELNAT RNAV: MNM **600** DV103 - DV104 - DLE - NORTA - ELNAT (BRNAV required after NORTA)
POVEL 1Y	Climb on 091° via HA - at D6.5 HAD turn right - 118° - POVEL RNAV: MNM **600** DV105 - POVEL
WRB 9Y 1	Climb on 091° via HA - at D6.5 HAD turn right - 188°/R008 DLE - DLE - R185 DLE - NORTA 224° - TOLTA - 233°/R053 WRB - WRB (BRNAV required after NORTA) RNAV: MNM **600** DV103 - DV104 - DLE - NORTA - TOLTA - WRB

Change: Tracks, SID designators, POVEL SID.

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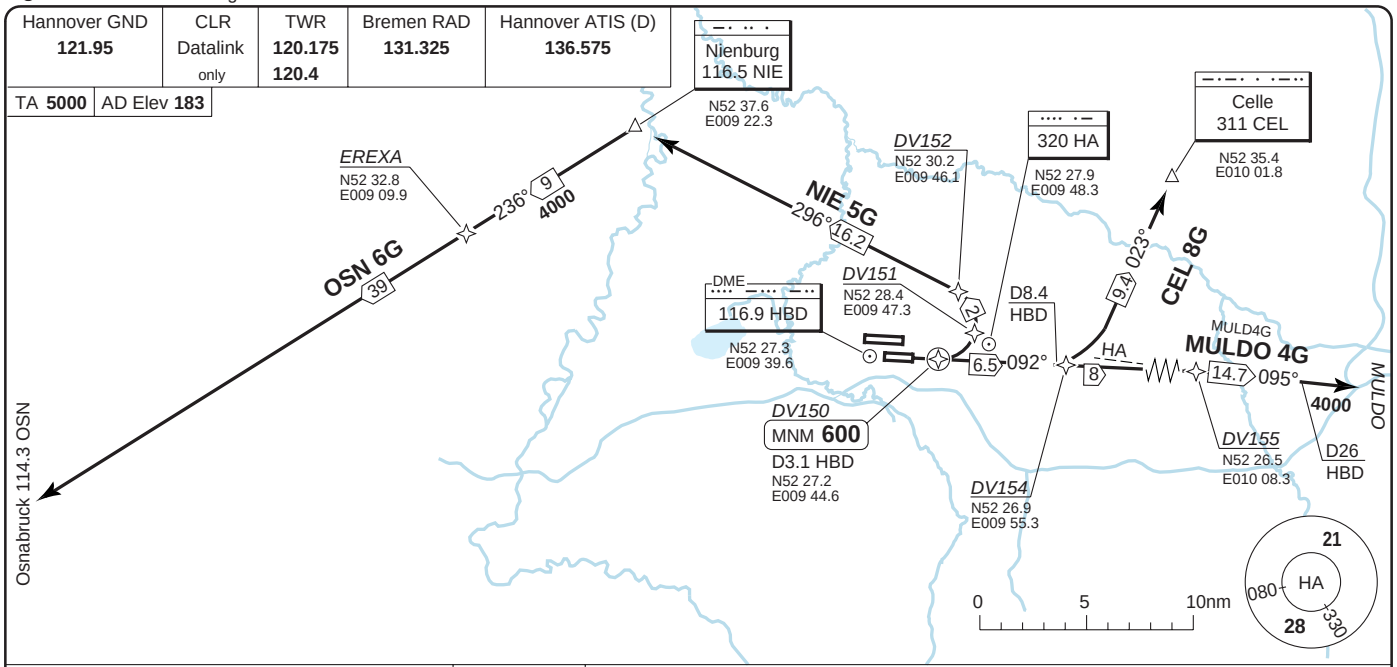
Hannover GND	CLR Datalink only	TWR	Bremen RAD	Hannover ATIS (D)
121.95		**120.175** **120.4**	**131.325**	**136.575**

TA **5000** | AD Elev **183**



COM: Contact Bremen RAD 131.325 immediately after TKOF.
SPEED: MAX 250kt below FL100.
ALT RESTRICTION: Climb to **4000**.

SID	Routeing
CEL 8G	Climb on 091° - at D8.4 HDB turn left - 023° - CEL RNAV: MNM **600** DV154 - CEL
MULDO 4G	Climb on 091° - intercept 095° from HA - MULDO RNAV: MNM **600** DV155 - MULDO
NIE 5G	Climb on 091° - at D3.1 HBD or 600, whichever is later, turn left - 296°/R116 NIE - NIE RNAV: MNM **600** DV150 - DV151 - DV152 - NIE
OSN 6G	Climb on 091° - at D3.1 HBD or 600, whichever later, turn left -296°/R116 NIE - NIE - turn left - R236 NIE / R056 NIE - EREXA - OSN RNAV: MNM **600** DV150 - DV151 - DV152 - NIE - EREXA - OSN

Change: SID deesignators, tracks, EREXA.

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SID RWY 09R RNAV GPS/FMS Overlay

WEF 21 OCT 10

30 - 3 | 22 SEP 10

Germany EDDV / HAJ

HANNOVER

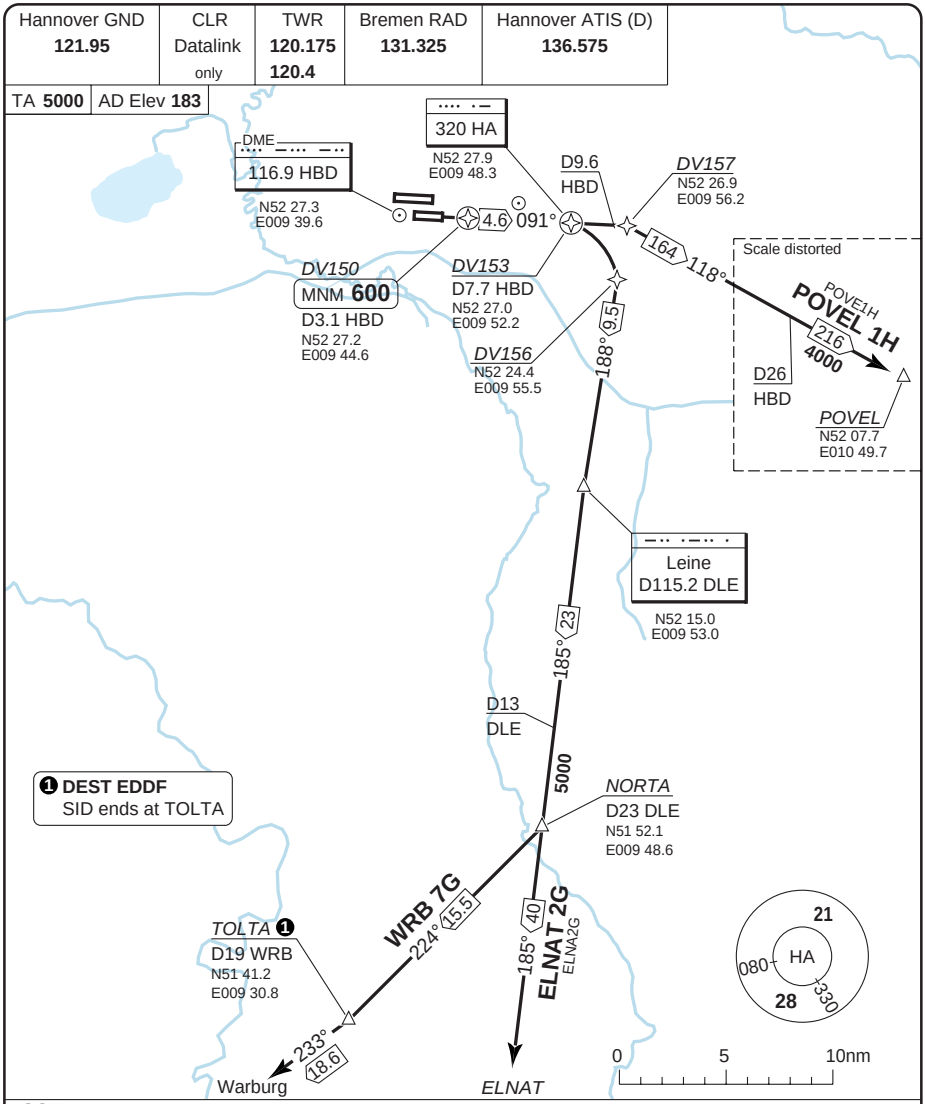
Germany EDDV / HAJ

SID RWY 09R RNAV GPS/FMS Overlay South

HANNOVER

Hannover GND	CLR Datalink only	TWR	Bremen RAD	Hannover ATIS (D)
121.95		120.175 120.4	131.325	136.575

TA 5000 | AD Elev 183



COM: Contact Bremen RAD 131.325 immediately after TKOF.
SPEED: MAX 250kt below FL100.
ALT RESTRICTION: Climb to **4000**.

SID	Routeing
ELNAT 2G	Climb on 091° - at D7.7 HBD turn right - 188°/R008 DLE - DLE - R185 DLE - NORTA - ELNAT RNAV: MNM **600** DV153 - DV156 - DLE - NORTA - ELNAT
POVEL 1H	Climb on 091° - at D9.6 HBD turn right - 118° - POVEL RNAV: MNM **600** DV157 - POVEL (BRNAV required after D9.6 HBD)
WRB 7G 1	Climb on 091° - at D7.7 HBD turn right - 188°/R008 DLE - DLE - R185 DLE - NORTA - 224° - TOLTA - 233°/R053 WRB - WRB (BRNAV required after NORTA) RNAV: MNM **600** DV153 - DV156 - DLE - NORTA - TOLTA - WRB

Change: New print.

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Change: New print.

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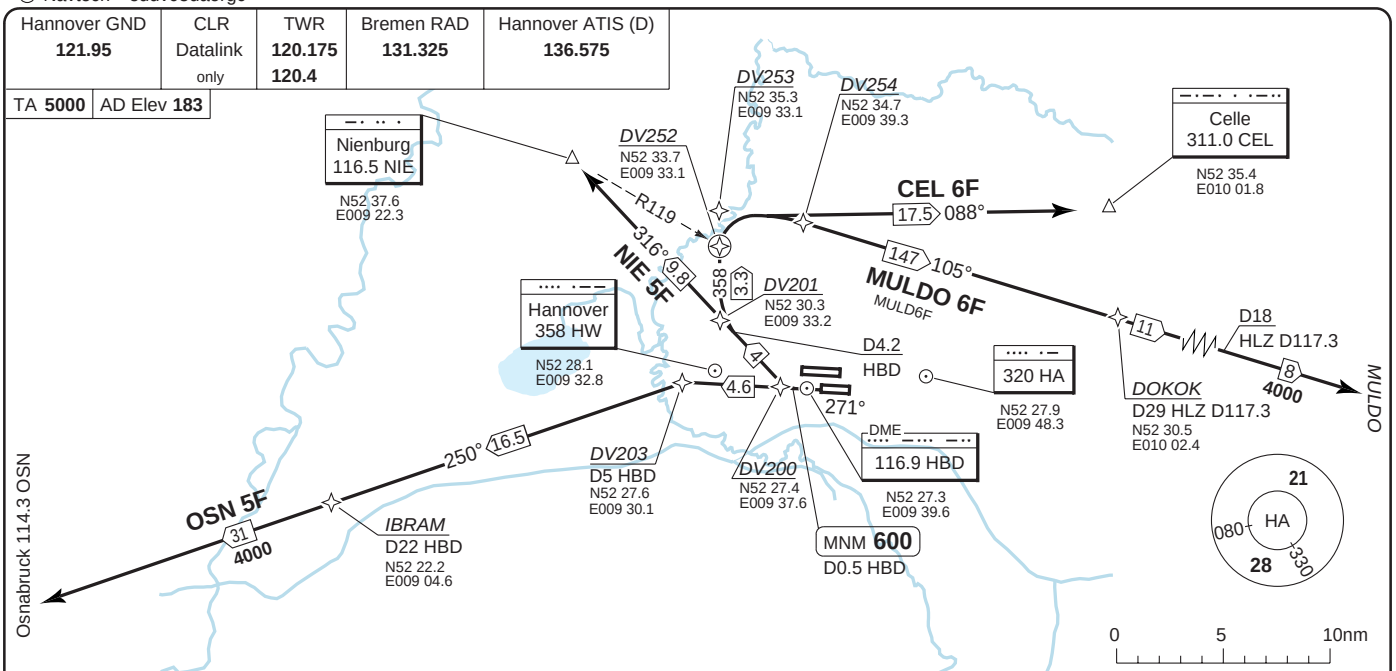
Hannover GND	CLR	TWR	Bremen RAD	Hannover ATIS (D)
121.95	Datalink only	**120.175** **120.4**	**131.325**	**136.575**

TA **5000** | AD Elev **183**



COM: Contact Bremen RAD 131.325 immediately after TKOF.

ALT RESTRICTION: Climb to **4000**.
SPEED: MAX 250kt below FL100.
MNM CLIMB GRADIENT: 7% to **3500**.
If unable to achieve climb gradient, inform TWR.

SID	Routeing
CEL 6F	Climb on 271° - at D0.5 HDB or **600** whichever is later, turn right - 316°/R136 NIE - at D4.2 HBD turn right - 358° - at R119 NIE turn right - 088° - CEL RNAV: MNM **600** DV200 - DV201 - DV253 - CEL
MULDO 6F	Climb on 271° - at D0.5 HDB or **600** whichever is later, turn right - 316°/R136 NIE - at D4.2 HDB turn right - 358° - at R119 NIE turn right - 105°/R285 HLZ - DOKOK - MULDO RNAV: MNM **600** DV200 - DV201 - DV252 - DV254 - DUKOK - MULDO
NIE 5F	Climb on 271° - at D0.5 HDB or **600** whichever is later, turn right - 316°/R136 NIE - NIE RNAV: MNM **600** DV200 - NIE
OSN 5F	Climb on 271° - at D5 HBD turn left - 250 from HW / R070 OSN - IBRAM - OSN RNAV: MNM **600** DV203 - IBRAM - OSN

SID RWY 27L **RNAV** GPS/FMS Overlay North, West, East

30 - 5 | 17 NOV 10

Germany - EDDV / HAJ

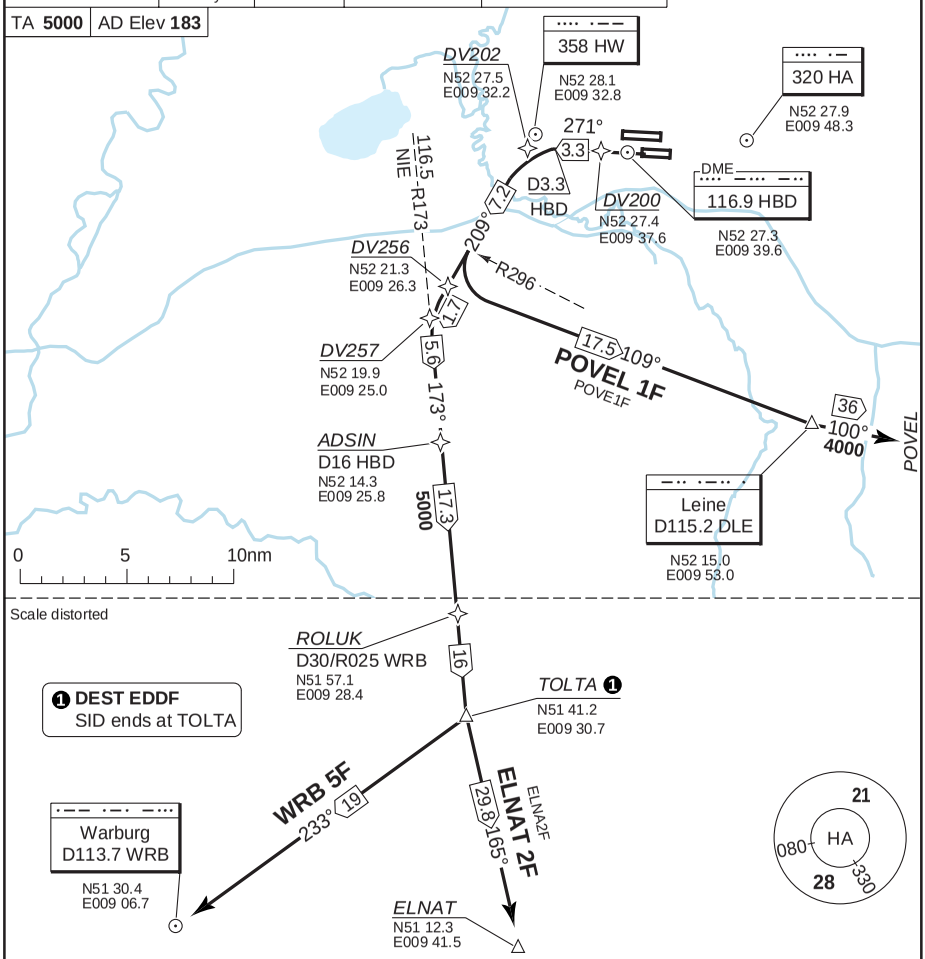
HANNOVER

SID RWY 27L RNAV GPS/FMS Overlay South

HANNOVER

Hannover GND	CLR Datalink only	TWR	Bremen RAD	Hannover ATIS (D)
121.95		120.175 120.4	131.325	136.575

TA 5000 | AD Elev 183



COM: Contact Bremen RAD 131.325 immediately after TKOF.
SPEED: MAX 250kt below FL100.
ALT RESTRICTION: Climb to **4000**.
MNM CLIMB GRADIENT: 7% to **3500** . If unable to achieve climb gradient, inform TWR.

SID	Routeing
ELNAT 2F	Climb on 271° - at D3.3 HBD turn left - 209° from HW - R173 NIE - ADSIN - ROLUK - TOLTA - 165° - ELNAT (BRNAV required after TOLTA) RNAV: MNM **600** DV202 - DV257 - ADSIN - ROLUK - TOLTA - ELNAT
POVEL 1F	Climb on 271° - at D3.3 HBD turn left - 209° from HW - at R296 DLE turn left - 109°/R289 DLE - DLE - R100 DLE - POVEL RNAV: MNM **600** DV202 - DV256 - DLE - POVEL
WRB 5F	Climb on 271° - at D3.3 HBD turn left - 209° from HW - R173 NIE - ADSIN - ROLUK - TOLTA - 233°/R053 WRB - WRB RNAV: MNM **600** DV202 - DV257 - ADSIN - ROLUK - TOLTA - WRB

Change: SID designators, tracks, POVEL.

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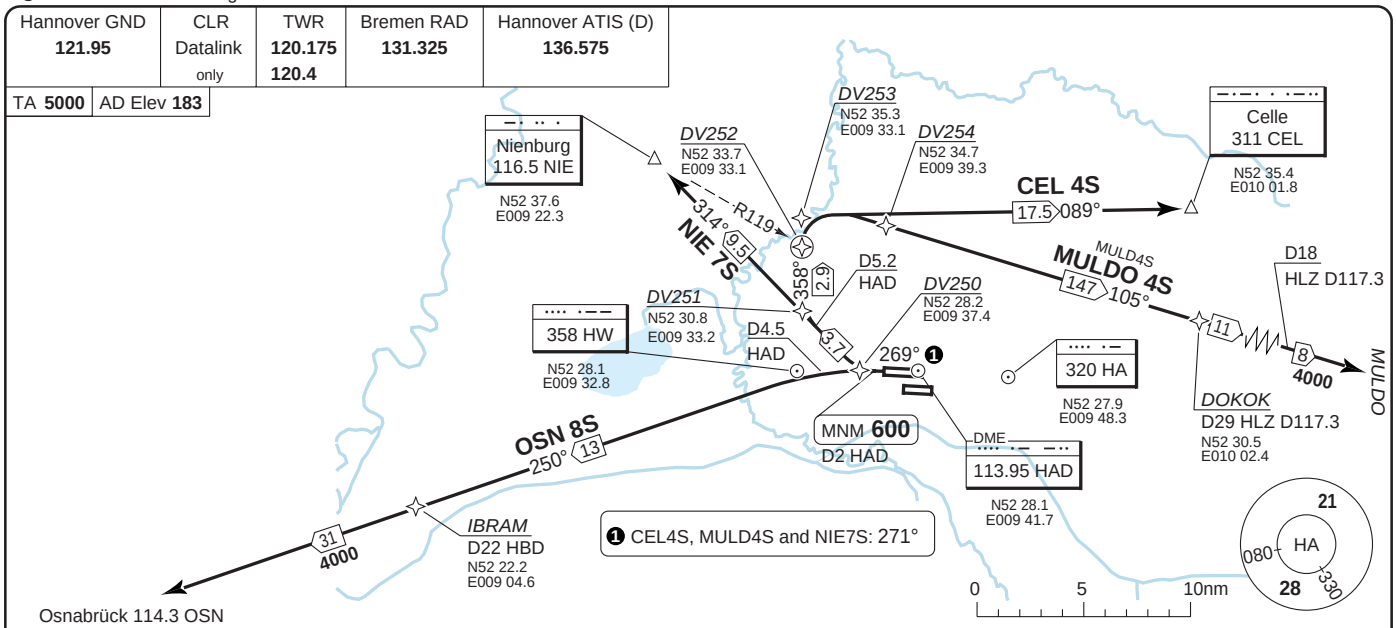
Hannover GND	CLR Datalink only	TWR	Bremen RAD	Hannover ATIS (D)
121.95		**120.175** **120.4**	**131.325**	**136.575**

TA **5000** | AD Elev **183**



COM: Contact Bremen RAD 131.325 immediately after TKOF.

ALT RESTRICTION: Climb to **4000**.

SPEED: MAX 250kt below FL100.

MNM CLIMB GRADIENT: 7% to **3500**.
If unable to achieve climb gradient, inform TWR.

SID	Routeing
CEL 4S	Climb on 271° - at D2 HAD or **600** whichever is later, turn right - 314°/R135 NIE - at D5.2 HAD turn right - 358° - at R119 NIE turn right - 088° - CEL RNAV: MNM **600** DV250 - DV251 - DV253 - CEL
MULDO 4S	Climb on 271° - at D2 HAD or **600** whichever is later, turn right - 314°/R135 NIE - at D5.2 HAD turn right - 358° - at R119 NIE turn right - 105°/R285 HLZ - DOKUK -MULDO RNAV: MNM **600** DV250 - DV251 - DV252 - DV254 - DOKUK - MULDO
NIE 7S	Climb on 271° - at D2 HAD or **600** whichever is later, turn right - 314°/R135 NIE - NIE RNAV: MNM **600** DV250 - NIE
OSN 8S	Climb on 269° to HW - at D4.5 HAD turn left - 250° from HW / R070 OSN - IBRAM - OSN RNAV: MNM **600** DV255 - IBRAM - OSN

Change: New print.

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SID RWY 27R RNAV GPS/FMS Overlay North, West, East

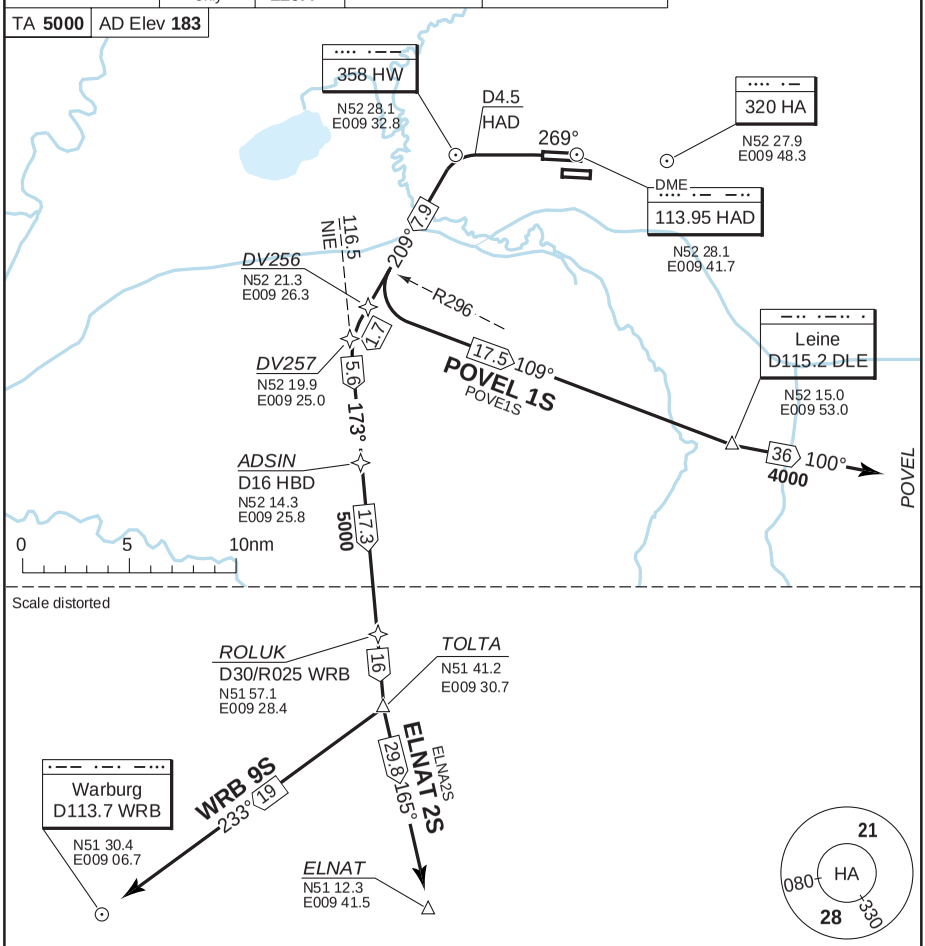
Germany - EDDV / HAJ

HANNOVER

SID RWY 27R RNAV GPS/FMS Overlay South — HANNOVER

Hannover GND	CLR Datalink only	TWR	Bremen RAD	Hannover ATIS (D)
121.95		120.175 120.4	131.325	136.575

TA 5000 | AD Elev 183



COM: Contact Bremen RAD 131.325 immediately after TKOF.

SPEED: MAX 250kt below FL100.

ALT RESTRICTION: Climb to **4000**.

MNM CLIMB GRADIENT: 7% to **3500**. If unable to achieve climb gradient, inform TWR.

SID	Routeing
ELNAT 2S	Climb on 269° to HW - at D4.5 HAD turn left - 209° from HW - R173 NIE - ADSIN - ROLUK - TOLTA - 165° - ELNAT (BRNAV required after TOLTA) RNAV: MNM **600** HW - DV257 - ADSIN - ROLUK - TOLTA - ELNAT
POVEL 1S	Climb on 269° to HW - at D4.5 HAD turn left - 209° from HW - at R296 DLE turn left - 109°/R289 DLE - DLE - R100 DLE - POVEL RNAV: MNM **600** HW - DV256 - DLE - POVEL
WRB 9S	Climb on 269° to HW - at D4.5 HAD turn left - 209° from HW - R173 NIE - ADSIN - ROLUK - TOLTA - 233°/R053 WRB - WRB RNAV: MNM **600** HW - DV257 - ADSIN - ROLUK - TOLTA - WRB

Change: SID designators, tracks, ADSIN, ROLUK, POVEL.

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Hannover DIR APP	Bremen RAD	Hannover TWR	GND	ATIS(D)
119.6	**131.325**	**120.175** **120.4**	**121.95**	**136.575**

TL **ATC** | AD Elev **183**

STAR RWY 09L/R from North, West

HANNOVER

Germany - EDDV / HAJ

40 - 1 | 22 JUN 09

Change: COM, Speed.

THIS CHART IS A PART OF NAVIGRAPH NDAC AND IS INTENDED FOR FLIGHT SIMULATION USE ONLY

SPEED:
MAX 250kt below FL100.

Elbe

LBE6R
ELBE 6R
186° 62 4000

ULSEN
R034/D44 DLE
N52 50.8
E010 34.9

D113.1 HAM
D52/R164

CLR-limit
Celle
311 CEL
N52 35.4
E010 01.8

OBATU
D34 DLE
N52 42.3
E010 24.9

ULSE4R
ULSEN 4R
214° 10 4000

DIRB4R
DIRBO 4R
243° 17 4000

R244 D117.7 BKD

DIRBO
D28 HLZ
D28 BKD
N52 49.9
E010 50.7

R003

D30/R344

MAX **FL80**

182° 4000 020°

079° 4000 259°

243° 16

274° 24

MAX **FL110**

VISKI
D44 DLE
N52 33.8
E008 48.4

OSN5R
OSNABRUCK 5R
21 078°

R295

R034

IAF
Nienburg
116.5 NIE
N52 37.6
E009 22.3

Hannover
320 HA
N52 27.9
E009 48.3

Leine
D115.2 DLE
N52 15.0
E009 53.0

Hehlingen
D117.3 HLZ
N52 21.8
E010 47.7

21
080 HA 330
28

29 040° 4000

Osnabruck

0 5 10 15 20nm

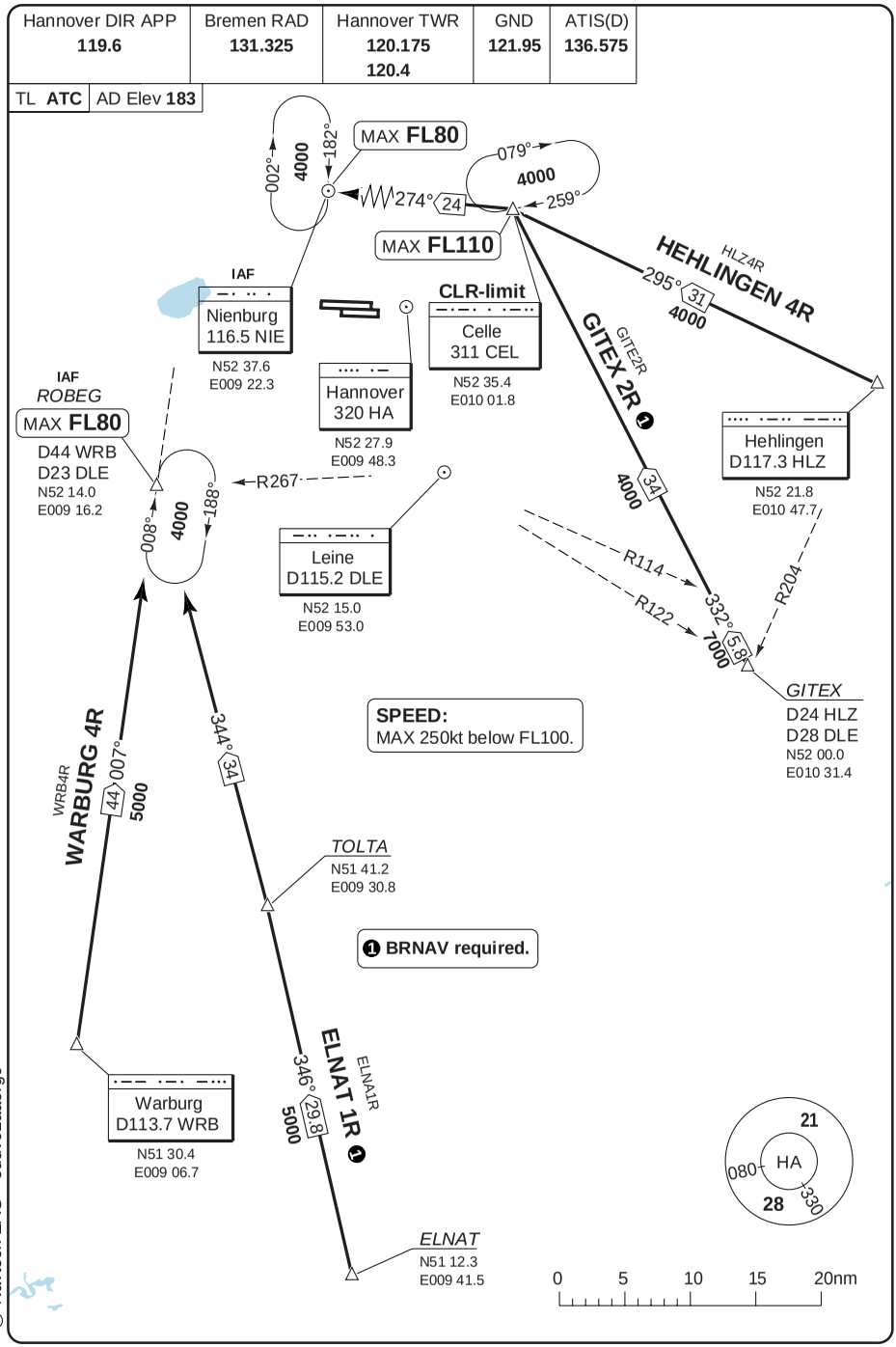
Germany - EDDV / HAJ

STAR RWY 09L/R from South, East

HANNOVER

Hannover DIR APP	Bremen RAD	Hannover TWR	GND	ATIS(D)
119.6	**131.325**	**120.175** **120.4**	**121.95**	**136.575**

TL **ATC** | AD Elev **183**



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Change: COM, Speed.

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Hannover DIR APP	Bremen RAD	Hannover TWR	GND	ATIS(D)
119.6	131.325	120.175 120.4	121.95	136.575

TL **ATC** | AD Elev **183**

STAR RWY 27L/R from North, West

HANNOVER

Germany - EDDV / HAJ

40 - 3 | 22 JUN 09

Change: COM, Speed.

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SPEED:
MAX 250kt below FL100.

Elbe

LBE8P **ELBE 8P** 62 186° 4000

D113.1 HAM

D52/R164

ULSEN
R034/D44 DLE
N52 50.8
E010 34.9

ULSE4P **ULSEN 4P** 10 214° 4000

DIRB4P **DIRBO 4P** 17 243° 4000

R244 D117.7 BKD

DIRBO
D28 HLZ
D28 BKD
N52 49.9
E010 50.7

R003

OBATU
D34 DLE
N52 42.3
E010 24.9

16 243°

D30/R344

CLR-limit
Nienburg
116.5 NIE
N52 37.6
E009 22.3

182° 4000 200°

079° 4000 259°

VISKI
D44 DLE
N52 33.8
E008 48.4

21 078°

24 094°

MAX **FL110**

MAX **FL70**

IAF
Celle
311 CEL
N52 35.4
E010 01.8

Hehlingen
D117.3 HLZ
N52 21.8
E010 47.7

R295

OSN7P **OSNABRUCK 7P** 29 040° 4000

Hannover
320 HA
N52 27.9
E009 48.3

Leine
D115.2 DLE
N52 15.0
E009 53.0

21 080 HA 330 28

0 5 10 15 20nm

Osnabrück

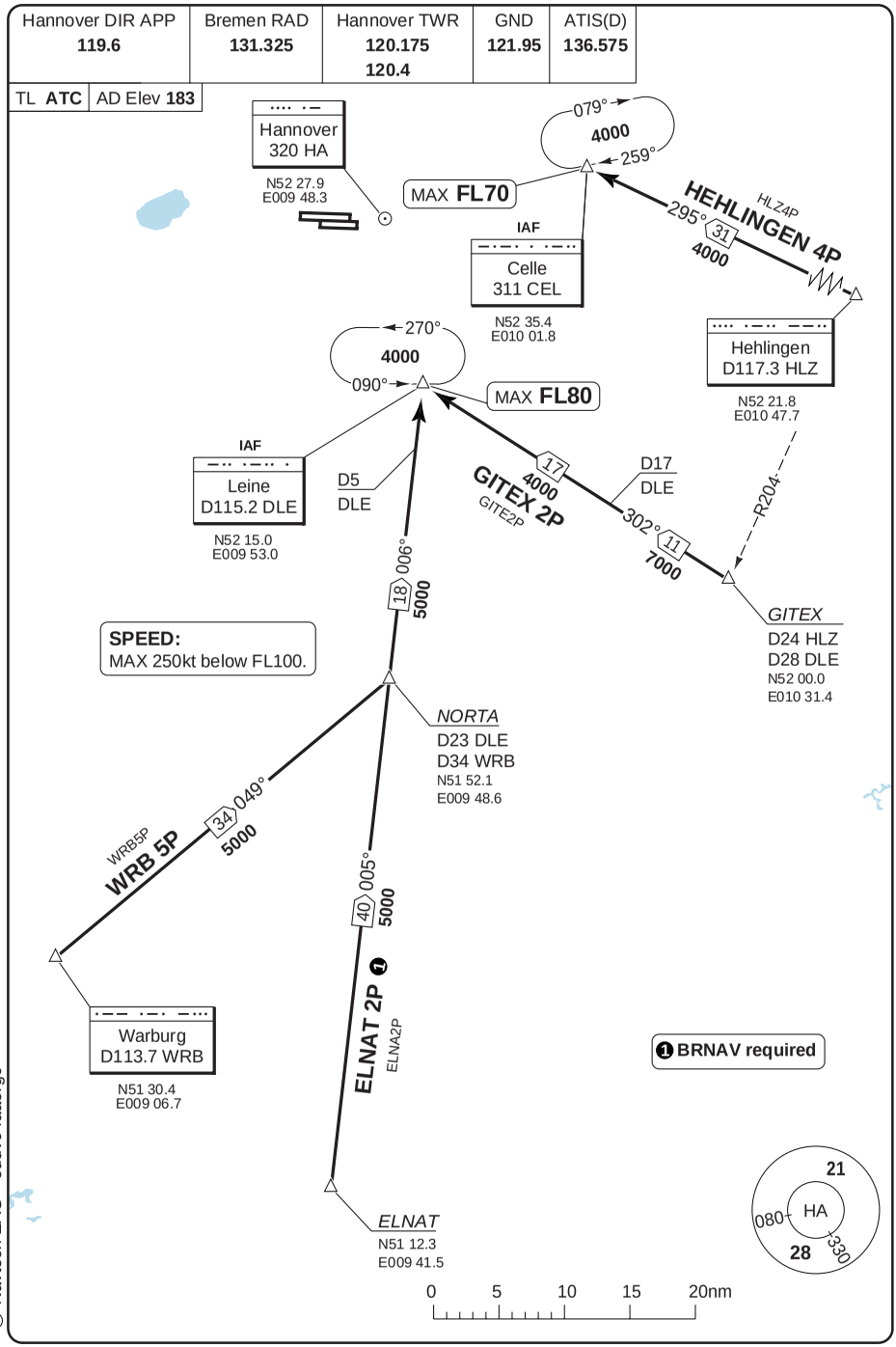
Germany - EDDV / HAJ

STAR RWY 27L/R from South, East

HANNOVER

Hannover DIR APP	Bremen RAD	Hannover TWR	GND	ATIS(D)
119.6	**131.325**	**120.175** **120.4**	**121.95**	**136.575**

TL **ATC** | AD Elev **183**



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Change: COM, Speed.

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Hannover DIR APP	Bremen RAD	Hannover TWR	GND	ATIS(D)
119.6	131.325	120.175 120.4	121.95	136.575

TL **ATC** | AD Elev **183**

STAR RWY 09L/R RNAV ❶

40 - 5 | 22 JUN 09

Germany - EDDV / HAJ

HANNOVER

Change: COM, Speed.

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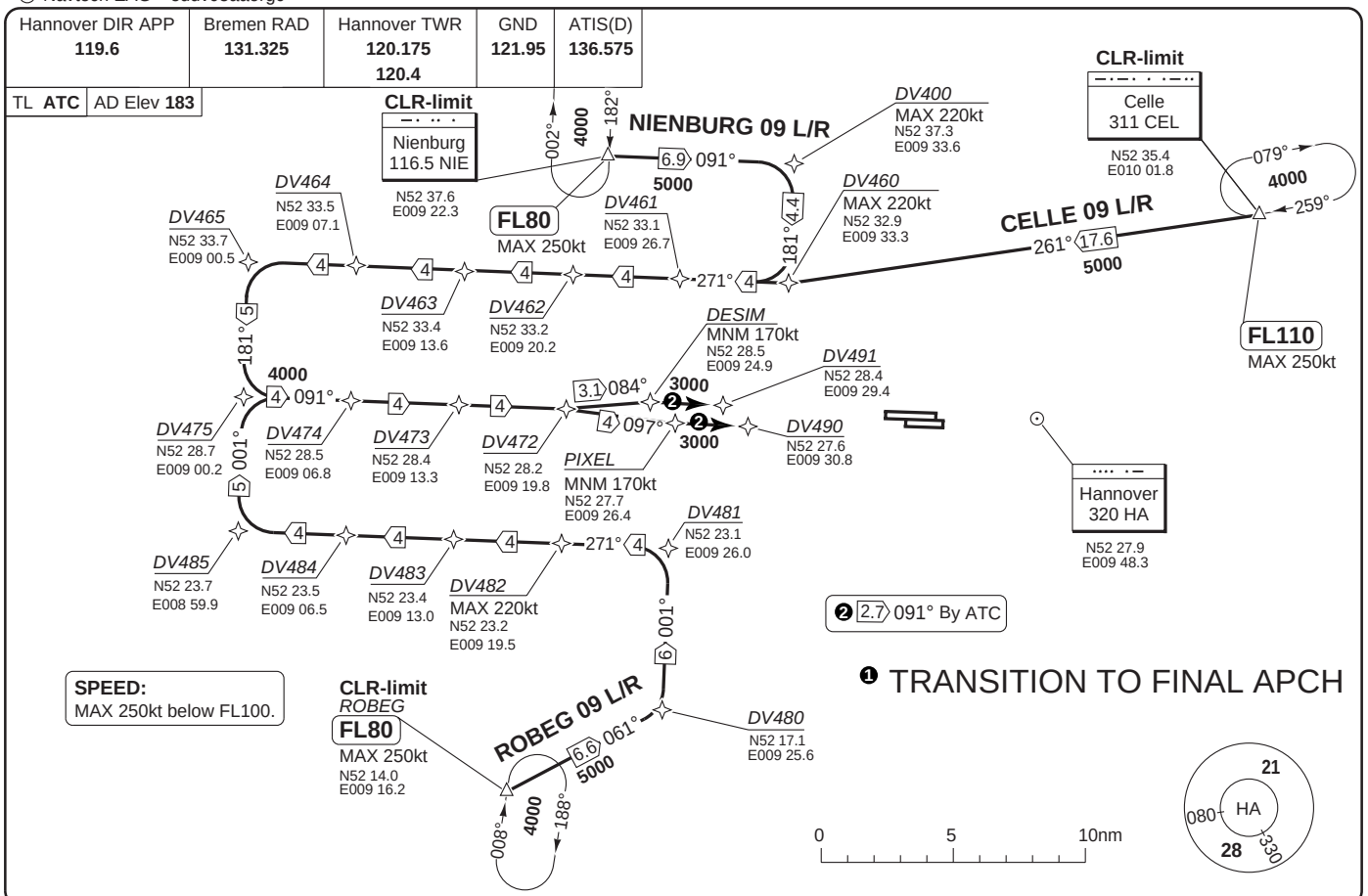

Germany - EDDV / HAJ

HANNOVER

Hannover DIR APP	Bremen RAD	Hannover TWR	GND	ATIS(D)
119.6	**131.325**	**120.175** **120.4**	**121.95**	**136.575**

TL **ATC** | AD Elev **183**

SPEED:
MAX 250kt below FL100.

FL110
MAX 250kt

CLR-limit
Nienburg
116.5 NIE
N52 37.6
E009 22.3

NIENBURG 27 L/R

CLR-limit
Celle
311 CEL
N52 35.4
E010 01.8

CELLE 27 L/R

FL70
MAX 250kt

CLR-limit
Leine
D115.2 DLE
N52 15.0
E009 53.0

ELBE 27 L/R

FL80
MAX 250kt

DV501 MAX 220kt N52 37.6 E009 44.4
DV500 N52 37.4 E009 50.9
DV502 MAX 220kt N52 32.6 E009 44.0
DV560 N52 32.4 E009 52.3
DV561 N52 32.2 E009 57.1
DV562 N52 32.0 E010 03.7
DV563 N52 31.8 E010 10.2
DV564 N52 31.6 E010 16.8
DV565 N52 31.4 E010 23.3
DV591 N52 27.7 E009 51.6
XAVER MNM 170kt N52 27.6 E009 56.3
DV573 N52 26.8 E010 09.8
DV574 N52 26.6 E010 16.3
DV575 N52 26.4 E010 22.8
DV590 N52 27.0 E009 51.8
ODINI MNM 170kt N52 26.8 E009 56.9
DV572 N52 27.0 E010 03.3
DV581 N52 22.3 E009 53.7
DV582 MAX 220kt N52 22.0 E010 02.8
DV583 N52 21.8 E010 09.4
DV584 N52 21.6 E010 15.9
DV585 N52 21.4 E010 22.4

Hannover
320 HA
N52 27.9
E009 48.3

❷ 272° 2.9 By ATC
❸ 272° 3.1 By ATC

❶ TRANSITION TO FINAL APCH

0 5 10nm

HA 21 28 080 330

STAR RWY 27L/R RNAV ❶

40 - 6 | 22 JUN 09

Change: COM, Speed.

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WEF 16 DEC 10 | 40 - 7 | 17 NOV 10

Germany - EDDV / HAJ

ARRIVAL ❶ RWY 09L/R RNAV GPS/FMS Overlay CDA

HANNOVER

Hannover DIR APP	Bremen RAD	Hannover TWR	GND	ATIS(D)
119.6	131.325	120.175 120.4	121.95	136.575

TL ATC | AD Elev 183

❶ TRANSITION TO FINAL APCH

CDA - Continuous Descent Approach

ATC authorisation required

Scale distorted

ESTAD
MNM FL240
MAX 250kt
N53 31.5
E009 33.9

ESTA1A/ESTA1E
ESTAD 1A/E
ATC
191° 60

Scale distorted

OBATU
MNM FL200
MAX 250kt
N52 42.3
E010 24.9

OBAT1A/OBAT1E
OBATU 1A/E
ATC
257° 44

DV463
N52 33.4
E009 13.6

181° 5

DESIM
MNM 3000
MAX 170kt
N52 28.5
E009 24.9

KUGA1A/
KUGA1E
KUGAV 1A/E
ATC
22.7 081°

Scale distorted

KUGAV
MNM FL120
MAX 250kt
N52 25.5
E008 36.5

DV473
N52 28.4
E009 13.3

4 091°

084° 3.1

DV472
N52 28.2
E009 19.8

091° 2.7

4 096°

2.7 091°

DV491
N52 28.4
E009 29.4

DV490
N52 27.6
E009 30.8

001° 5

PIXEL
MNM 3000
MAX 170kt
N52 27.7
E009 25.4

Hannover
320 HA
N52 27.9
E009 48.3

DV483
N52 23.4
E009 13.0

347° 9.6

WRB 1A/E
003° 53
ATC

ROBEG
MNM FL90
MAX 250kt
N52 14.0
E009 16.2

0 5 10nm

Scale distorted

MNM FL200
MAX 250kt
Warburg
113.7 WRB
N51 30.4
E009 06.7

TOLT1A/TOLT1E
TOLTA 1A/E
343° 34
ATC

TOLTA
MNM FL200
MAX 250kt
N51 41.2
E009 30.7

21
080 HA 330
28

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Change: New chart.

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WEF 16 DEC 10

40 - 8 | 17 NOV 10

Germany - EDDV / HAJ

ARRIVAL ❶ RWY 27L/R RNAV GPS/FMS Overlay CDA

HANNOVER

Hannover DIR APP	Bremen RAD	Hannover TWR	GND	ATIS(D)
119.6	131.325	120.175 120.4	121.95	136.575

TL ATC | AD Elev 183

CDA - Continuous Descent Approach

ATC authorisation required

❶ TRANSITION TO FINAL APCH

OBATU
MNM FL110
MAX 250kt
N52 42.3
E010 24.9

OBAT1D/OBAT1L
OBATU 1D/L
ATC
209° 18.1

Scale distorted

VISKI
MNM FL220
MAX 250kt
N52 26.8
E009 56.9

VISK1D/VISK1L
VISKI 1D/L
ATC
50 090°

DV563
N52 31.8
E010 10.2

182° 5

XAVER
MNM 3000
MAX 170kt
N52 27.6
E009 56.3

DV591
N52 27.7
E009 51.6

271° 2.9
276° 4.3
3.1
3.9
271°
266°
272° 4

DV590
N52 27.0
E009 51.8

ODINI
MNM 3000
MAX 170kt
N52 26.8
E009 56.9

DV572
N52 27.0
E010 03.3

DV573
N52 26.8
E010 09.8

Hannover
320 HA
N52 27.9
E009 48.3

HLZ 1D/L
281° 23.8
ATC

Hehlingen
117.3 HLZ

MNM FL120
MAX 250kt
N52 21.8
E010 47.7

Scale distorted

UPDA1D/UPDA1L
UPDAT 1D/L
355° 31.2
ATC

Scale distorted

UPDAT
MNM FL150
MAX 250kt
N52 26.8
E009 56.9

21
080 HA
28 330

0 5 10nm

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Change: New chart.

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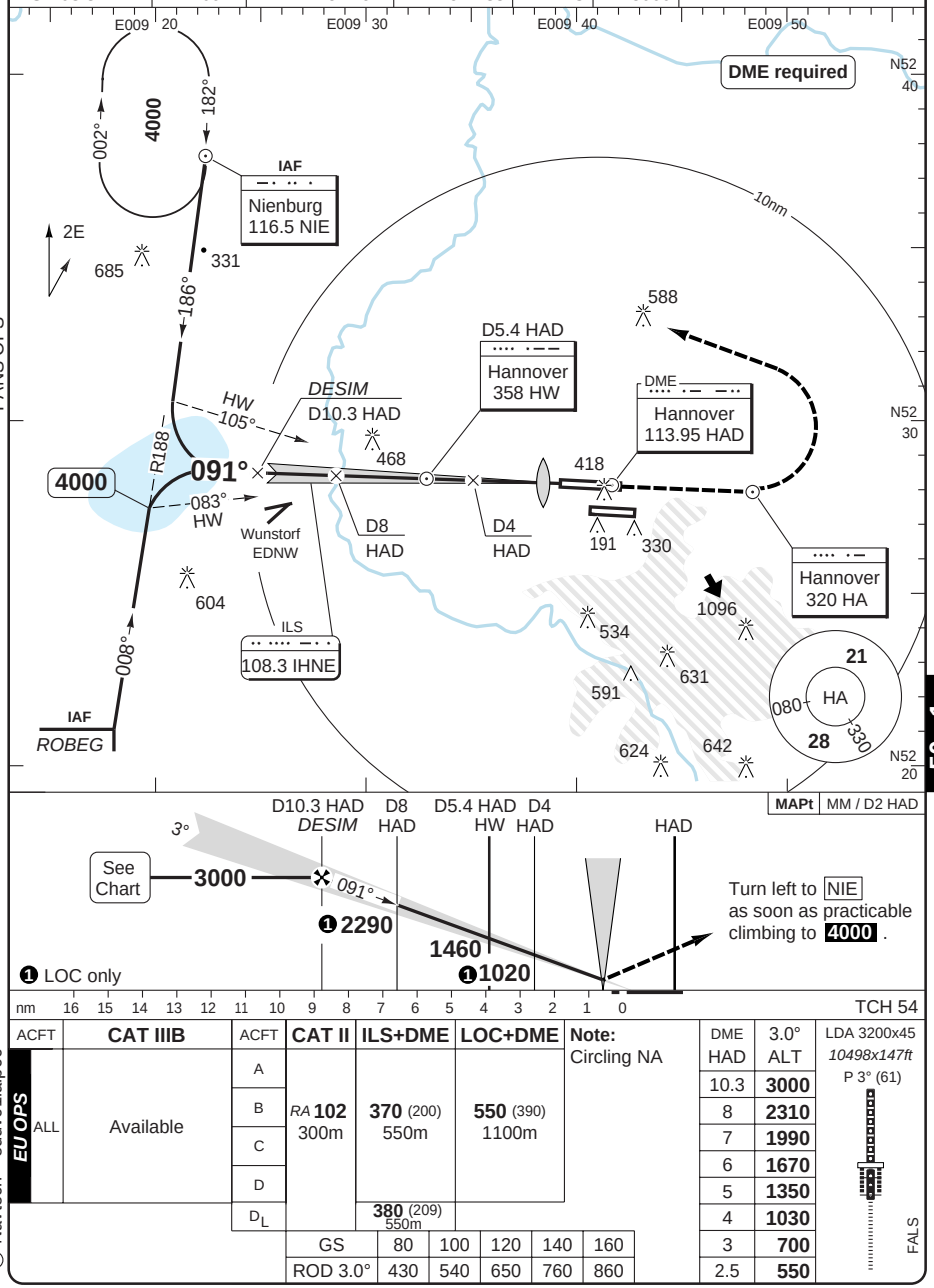
Germany - EDDV / HAJ

ILS RWY 09L

HANNOVER

Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

ILS **108.3 IHNE** | FAT **091°** | DTHR Elev **167** | AD Elev **183** | TL **ATC** | TA **5000**



ACFT	CAT IIIB	ACFT	CAT II	ILS+DME	LOC+DME
EU OPS ALL	Available	A	RA 102 300m	370 (200) 550m	550 (390) 1100m
		B			
		C			
		D			
		D_L		380 (209) 550m	

Note: Circling NA

GS	80	100	120	140	160
ROD 3.0°	430	540	650	760	860

DME HAD	3.0° ALT
10.3	3000
8	2310
7	1990
6	1670
5	1350
4	1030
3	700
2.5	550

LDA 3200x45
10498x147ft
P 3° (61)

FALS

PANS OPS

50 - 1

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Change: Minima.

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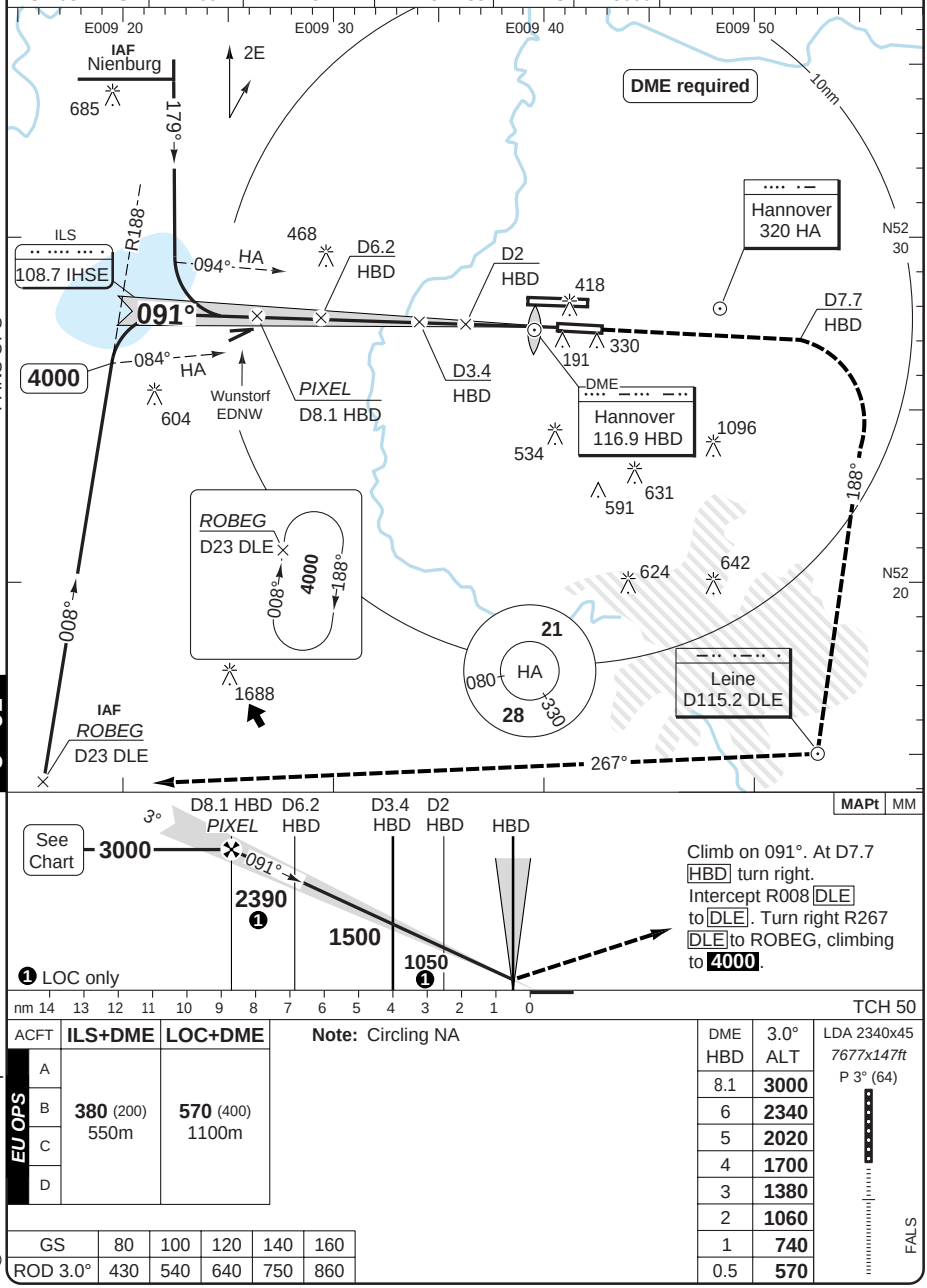
Germany - EDDV / HAJ

ILS RWY 09R

HANNOVER

Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

ILS **108.7 IHSE** | FAT **091°** | THR Elev **172** | AD Elev **183** | TL **ATC** | TA **5000**



ACFT	ILS+DME	LOC+DME
A	**380** (200) 550m	**570** (400) 1100m
B		
C		
D		

EU OPS

Note: Circling NA

GS	80	100	120	140	160
ROD 3.0°	430	540	640	750	860

DME HBD	3.0° ALT
8.1	**3000**
6	**2340**
5	**2020**
4	**1700**
3	**1380**
2	**1060**
1	**740**
0.5	**570**

LDA 2340x45
7677x147ft
P 3° (64)

FALS

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Change: Minima

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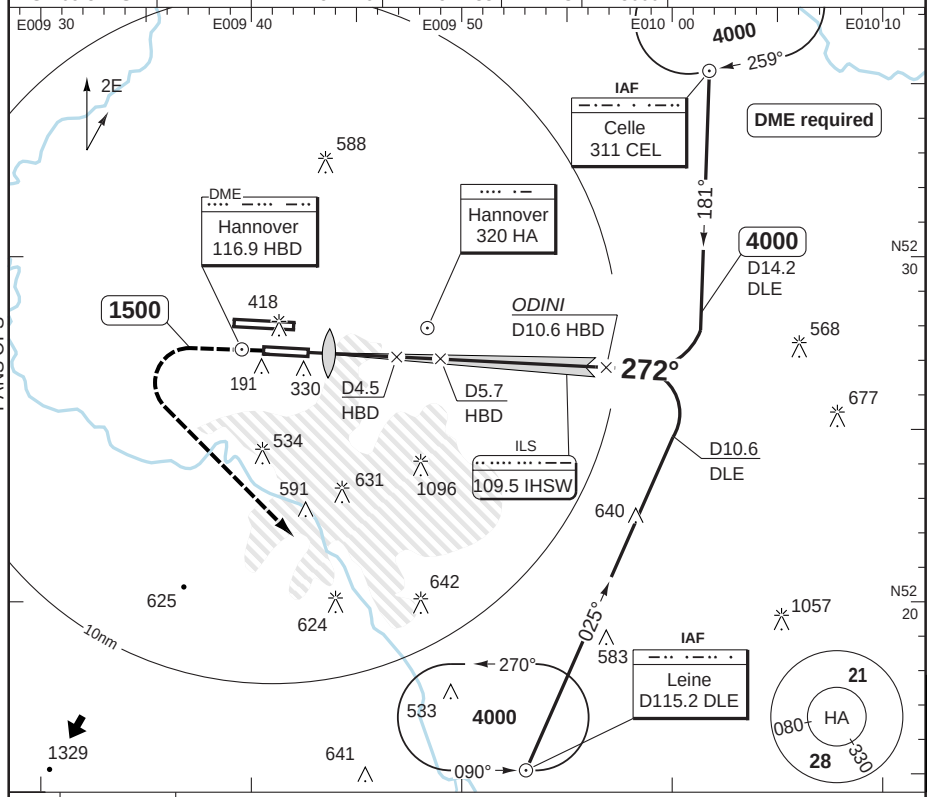
Germany - EDDV / HAJ

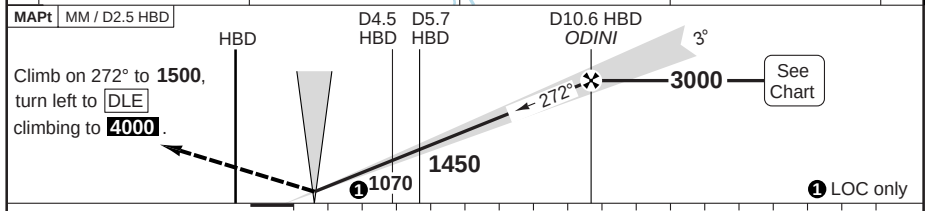
ILS RWY 27L

HANNOVER

Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

ILS **109.5 IHSW** | FAT **272°** | THR Elev **179** | AD Elev **183** | TL **ATC** | TA **5000**





ACFT	ILS+DME	LOC+DME
A	**380** (200) 550m	**560** (380) 1000m
B		
C		
D	**390** (204) 550m	

EU OPS

Note: Circling NA

GS	80	100	120	140	160
ROD 3.0°	440	540	650	760	870

DME HBD	3.0° ALT
10.6	**3000**
9	**2530**
8	**2210**
7	**1880**
6	**1560**
5	**1240**
4	**910**
2.9	**560**

LDA 2340x45
7677x147ft
P 3° (54)

FALS

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Change: Minima.

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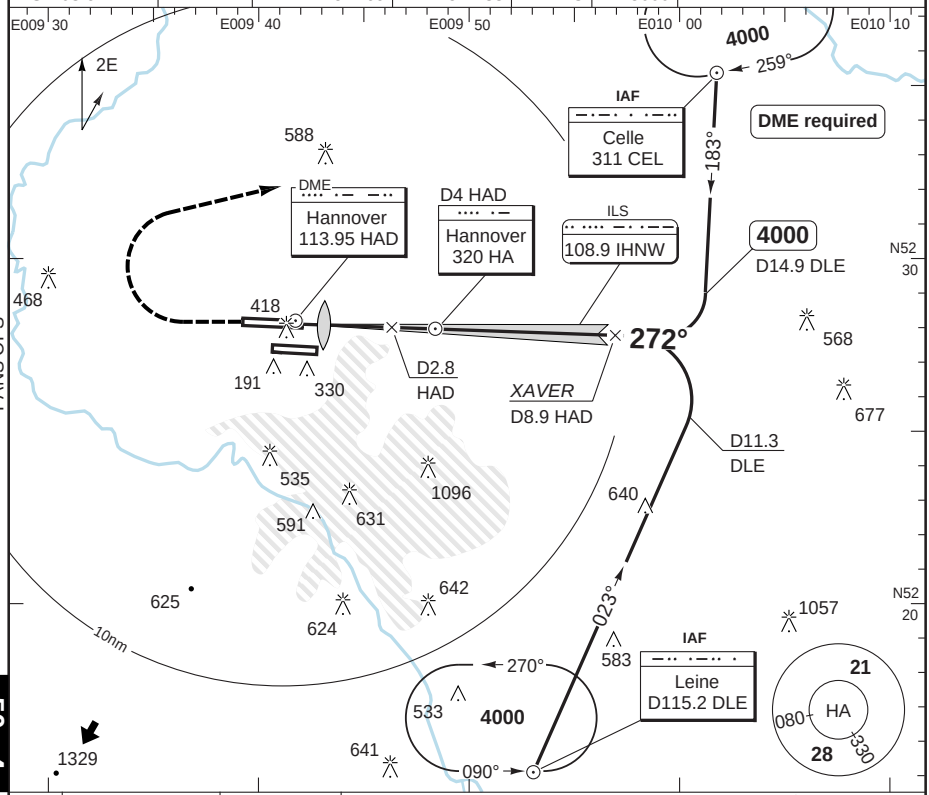
Germany - EDDV / HAJ

ILS OR NDB RWY 27R

HANNOVER

Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

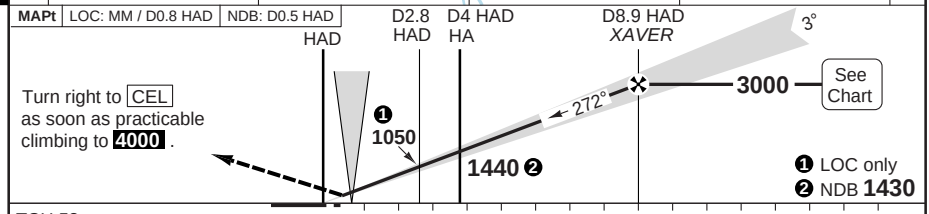
ILS **108.9 IHNW** | FAT **272°** | DTHR Elev **169** | AD Elev **183** | TL **ATC** | TA **5000**



PANS OPS

50 - 4

MAPt	LOC: MM / D0.8 HAD	NDB: D0.5 HAD



ACFT	CAT IIIB	ACFT	CAT II	ILS+DME	LOC+DME	NDB+DME
EU OPS ALL	Available	A	RA **97** 300m	**370** (200) 550m	**560** (390) 1100m	**700** (530) 1500m
		B				
		C				
		D			**590** (420) 1200m	**700** (530) 1700m
		D_L	RA **115** 300m		**Note:** Circling NA	

GS	80	100	120	140	160
ROD 3.0°	430	540	650	760	860

DME HAD	3.0° ALT
8.9	**3000**
7	**2410**
6	**2090**
5	**1770**
4	**1440**
3	**1120**
1.7	**700**
1.4	**590**

LDA 3200x45
10498x147ft
P 3° (54)

FALS

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Change: Minima.

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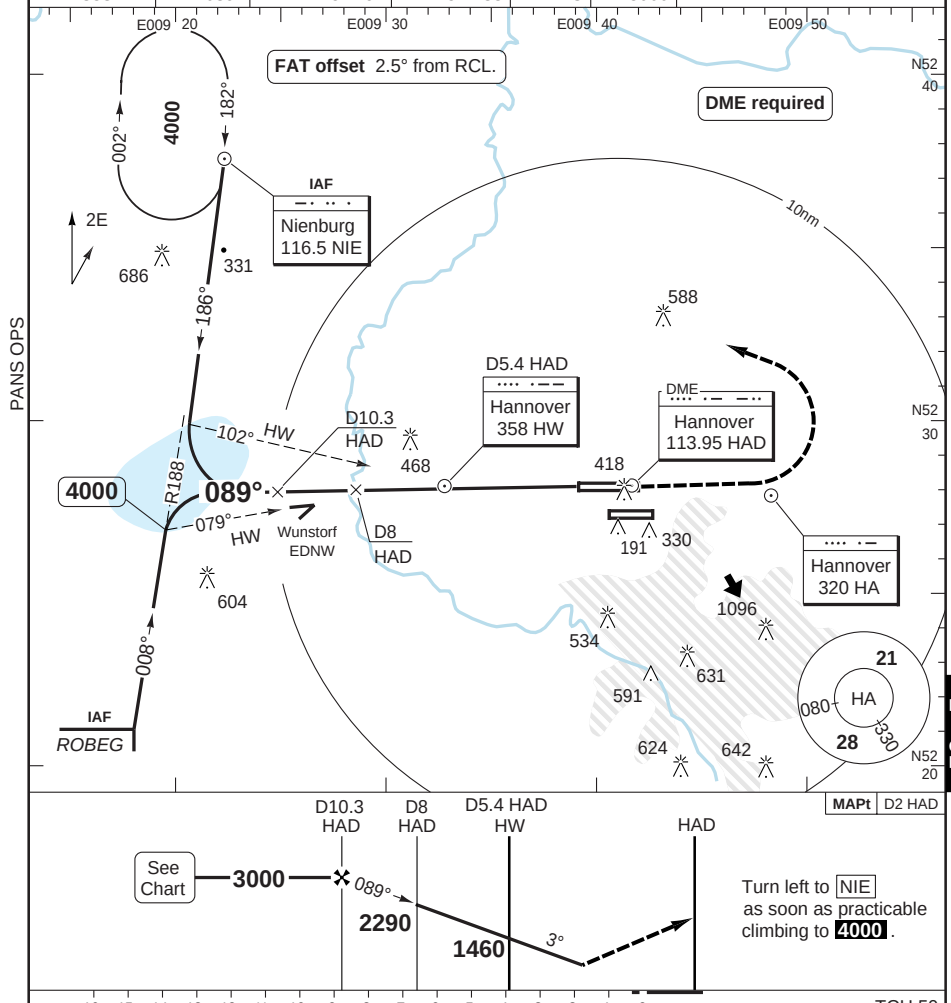
Germany - EDDV / HAJ

NDB RWY 09L

HANNOVER

Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

NDB **358 HW** | FAT **089°** | DTHR Elev **167** | AD Elev **183** | TL **ATC** | TA **5000**



PANS OPS

50 - 5

ACFT	NDB+DME
A	**750** (590) 1500m
B	
C	**750** (590) 2000m
D	

EU OPS

Note: Circling NA

GS	80	100	120	140	160
ROD 3.0°	430	540	640	750	860

DME HAD	3.0° ALT
10.3	**3000**
8	**2290**
7	**1980**
6	**1660**
5	**1340**
4	**1020**
3.2	**750**

LDA 3200x45
10498x147ft
P 3° (61)

FALS

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Change: New print

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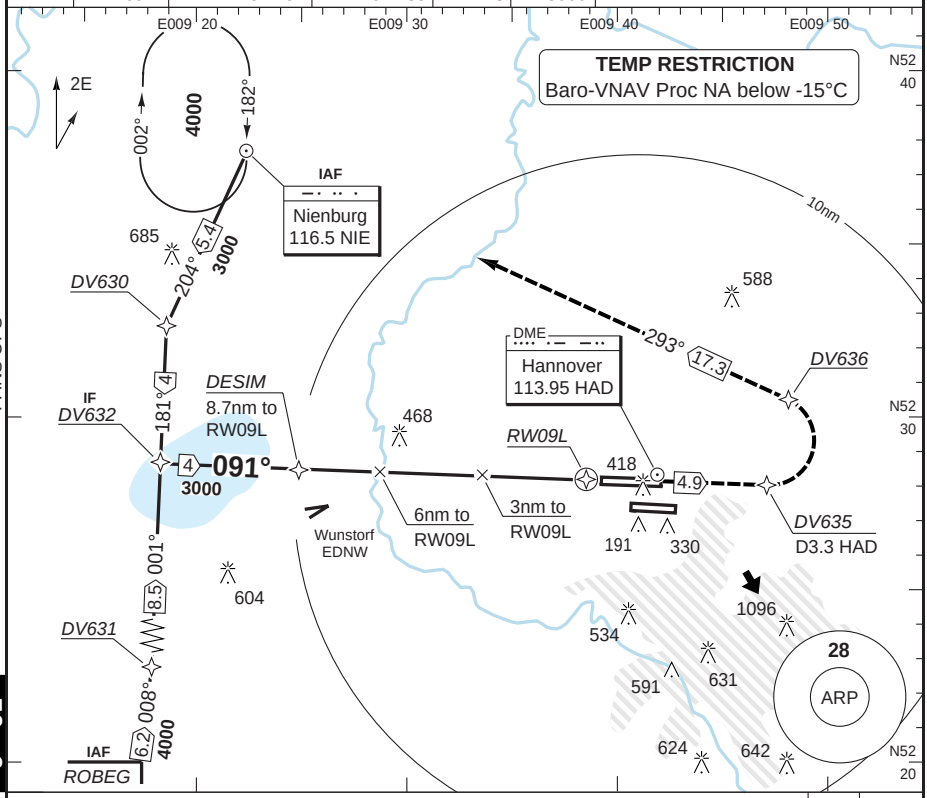
RNAV (GPS) RWY 09L

HANNOVER

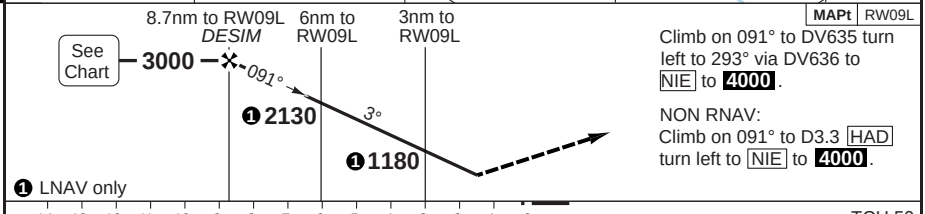
Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

RNAV | FAT **091°** | DTHR Elev **167** | AD Elev **183** | TL **ATC** | TA **5000**



PANS OPS

9 - 05



Climb on 091° to DV635 turn left to 293° via DV636 to NIE to **4000**.

NON RNAV:
Climb on 091° to D3.3 HAD turn left to NIE to **4000**.

ACFT	LNAV/VNAV	LNAV
EU OPS A	**670** (500) 1500m	**680** (510) 1500m
EU OPS B		
EU OPS C		**680** (510) 1600m
EU OPS D		

Note: Circling NA

GS	80	100	120	140	160
ROD 3.0°	430	540	650	750	860

THR 09L	3.0° ALT
8.7	**3000**
7	**2470**
6	**2150**
5	**1830**
4	**1500**
3	**1180**
2	**860**
1.4	**680**

LDA 3200x45
10498x147ft
P 3° (61)

FALS

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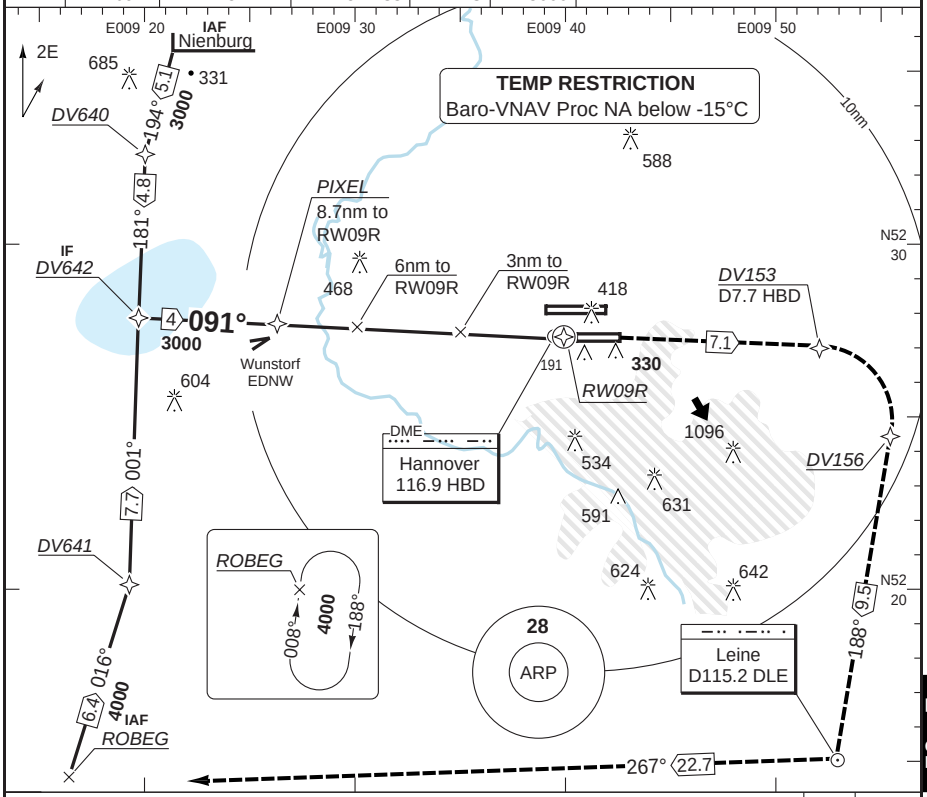
RNAV (GPS) RWY 09R

HANNOVER

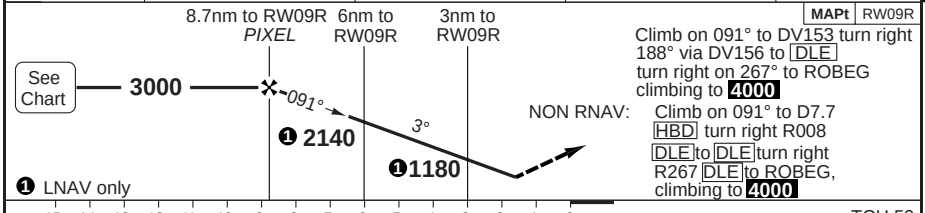
Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

RNAV | FAT **091°** | THR Elev **172** | AD Elev **183** | TL **ATC** | TA **5000**



PANS OPS

MAPt | RW09R



Climb on 091° to DV153 turn right 188° via DV156 to DLE turn right on 267° to ROBEG climbing to **4000**

NON RNAV: Climb on 091° to D7.7 HBD turn right R008 DLE to DLE turn right R267 DLE to ROBEG, climbing to **4000**

ACFT	LNAV/VNAV	LNAV
A	**500** (330) 800m	**670** (500) 1500m
B	**520** (340) 800m	
C	**530** (360) 900m	
D	**550** (370) 1000m	

EU OPS

Note: Circling NA

GS	80	100	120	140	160
ROD 3.0°	430	540	640	750	860

THR 09R	3.0° ALT
8.7	**3000**
7	**2460**
6	**2140**
5	**1820**
4	**1500**
3	**1190**
2	**870**
1.4	**670**

LDA 2340x45
7677x147ft
P 3° (64)

FALS

Change: Minima

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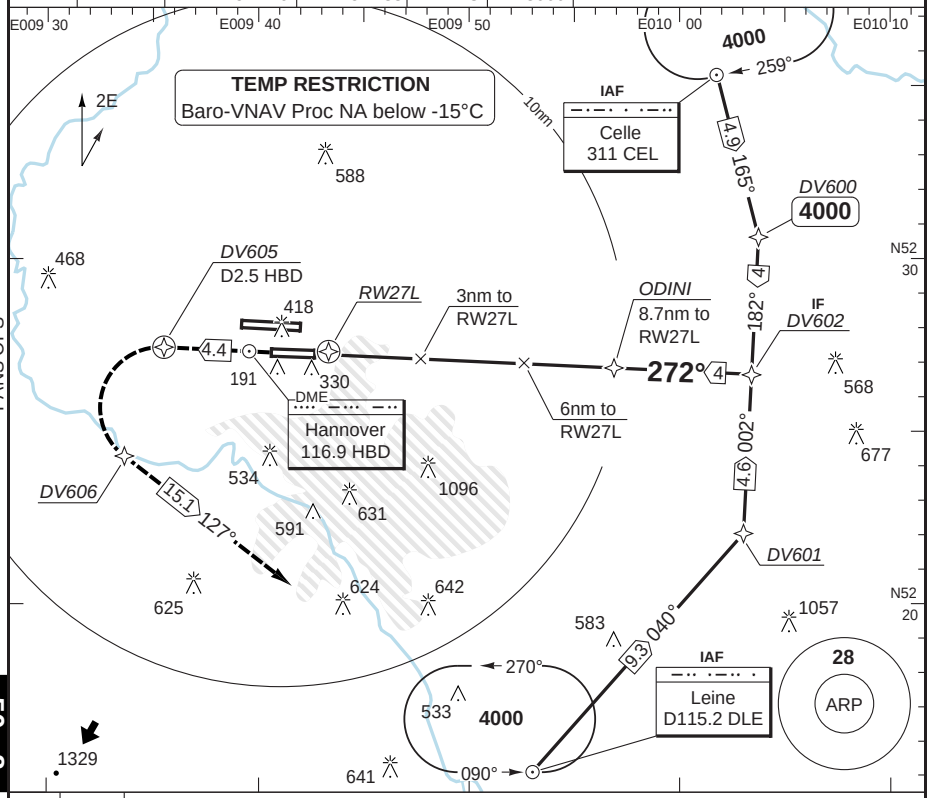
RNAV (GPS) RWY 27L

HANNOVER

Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

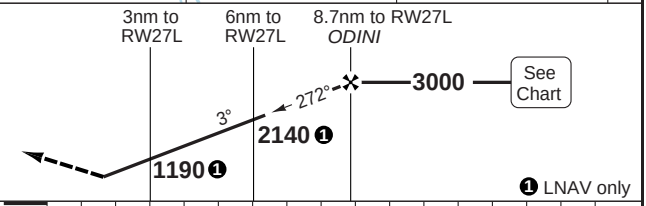
RNAV | FAT 272° | THR Elev 179 | AD Elev 183 | TL ATC | TA 5000



MAPt | RW27L

Climb on 271° to DV605 turn left to 127° via DV606 to DLE to **4000**.

NON RNAV:
Climb on 272° to D2.5 HBD turn left to DLE to **4000**.



TCH 50

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 nm

ACFT	LNAV/VNAV	LNAV
A	**640** (460) 1400m	**650** (480) 1500m
B		
C		**670** (490) 1500m
D		

EU OPS

Note: Circling NA

GS	80	100	120	140	160
ROD 3.0°	430	540	650	750	860

THR 27L	3.0° ALT
8.7	**3000**
7	**2470**
6	**2150**
5	**1830**
4	**1510**
3	**1190**
2	**870**
1.4	**670**

LDA 2340x45
7677x147ft
P 3° (54)

FALS

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Change: Minima

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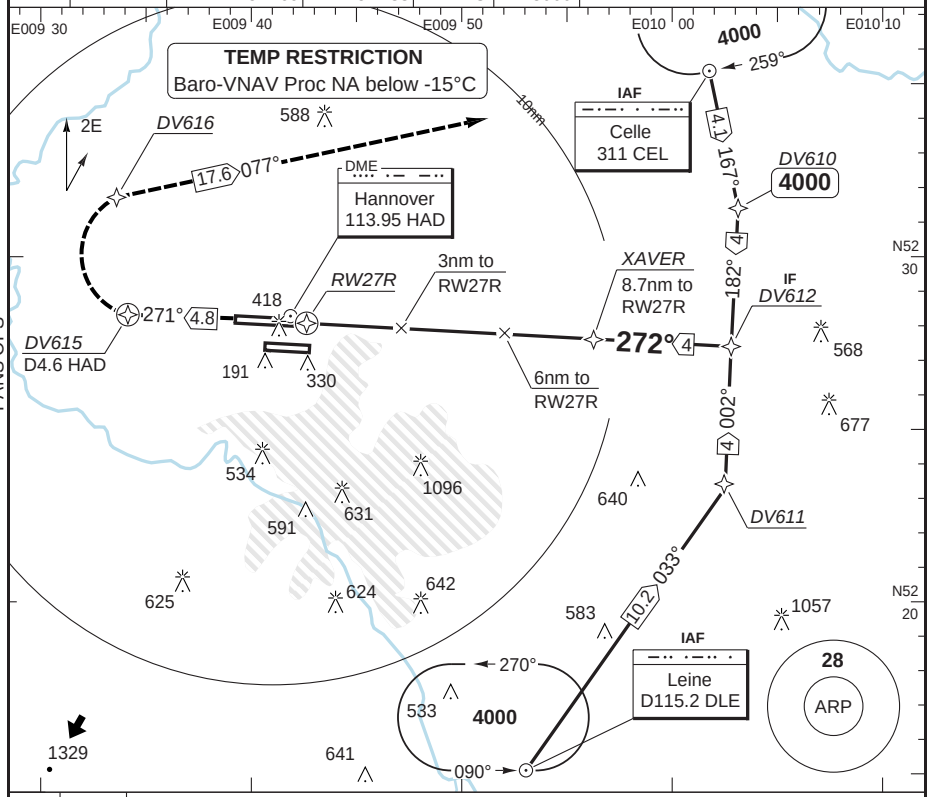
RNAV (GPS) RWY 27R

HANNOVER

Bremen RAD	Hannover DIR	TWR	GND	ATIS (D)
131.325	119.6	120.175 120.4	121.95	136.575

RNAV | FAT 272° | DTHR Elev 169 | AD Elev 183 | TL ATC | TA 5000



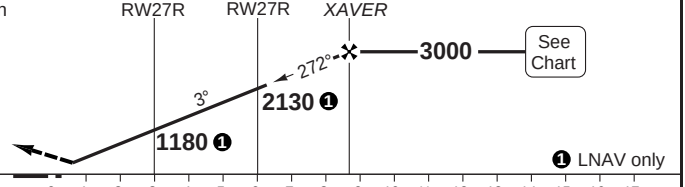
PANS OPS

50 - 9

MAPt | RW27R

Climb on 271° to DV615 turn right 077° via DV616 to CEL to **4000**.

NON RNAV:
Climb on 272° to D4.6 HAD turn right to CEL to **4000**.



ACFT	LNAV/VNAV	LNAV
A	570 (400) 1100m	670 (500) 1500m
B		
C		
D		

EU OPS

Note: Circling NA

GS	80	100	120	140	160
ROD 3.0°	430	540	650	750	860

THR 27R	3.0° ALT
8.7	3000
7	2460
6	2140
5	1820
4	1500
3	1180
2	860
1.4	670

LDA 3200x45
10498x147ft
P 3° (54)

FALS

Reverse side blank

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Change: Minima

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JAR-OPS Landing Minima

HANNOVER

The following Minima is for Public Transport aircraft and conforms to JAR-OPS1 regulations.

STRAIGHT-IN APPROACH		C				D			
R/W	Procedure	**DA/ MDA QNH** ft	DH/ MDH QFE ft	**RVR** m	RVR No ALS m	**DA/ MDA QNH** ft	DH/ MDH QFE ft	**RVR** m	RVR No ALS m
09L	ILS/DME (1)	**370**	200	550	1000	**370**	200	550	1000
09L	LOC/DME	**590**	420	1000	1800	**590**	420	1400	2000
09L	SRA (2)	**670**	500	1200	2000	**670**	500	1600	2000
09L	NDB/DME	**760**	590	1200	2000	**760**	590	1600	2000
09L	RNAV (L/VNAV)	**670**	500	1200	2000	**670**	500	1600	2000
09L	RNAV (LNAV)	**710**	540	1200	2000	**710**	540	1600	2000
09R	ILS/DME	**380**	200	550	1000	**380**	200	550	1000
09R	LOC/DME	**590**	410	1000	1800	**590**	410	1400	2000
09R	SRA (2)	**680**	500	1200	2000	**680**	500	1600	2000
09R	RNAV (L/VNAV)	**540**	360	1000	1800	**550**	370	1400	2000
09R	RNAV (LNAV)	**680**	500	1200	2000	**680**	500	1600	2000
27L	ILS/DME	**380**	200	550	1000	**380**	200	550	1000
27L	LOC/DME	**580**	400	1000	1800	**580**	400	1400	2000
27L	SRA (2)	**670**	490	1200	2000	**670**	490	1600	2000
27L	RNAV (L/VNAV)	**660**	480	1200	2000	**660**	480	1600	2000
27L	RNAV (LNAV)	**670**	490	1200	2000	**670**	490	1600	2000
27R	ILS/DME (1)	**370**	200	550	1000	**370**	200	550	1000
27R	LOC/DME	**600**	430	1000	1800	**600**	430	1400	2000
27R	SRA (2)	**670**	500	1200	2000	**670**	500	1600	2000
27R	NDB/DME	**750**	580	1200	2000	**750**	580	1600	2000
27R	RNAV (L/VNAV)	**590**	420	1000	1800	**590**	420	1400	2000
27R	RNAV (LNAV)	**670**	500	1200	2000	**670**	500	1600	2000

Notes:

(1) Includes Cat DL.

(2) Receipt of temperature-corrected altitudes not applicable during cold temperatures.

CIRCLING		C			D		
R/W	Procedure	**MDA QNH ft**	MDH QFE ft	Vis m	**MDA QNH ft**	MDH QFE ft	Vis m
Not Authorised							

Notes:

TAKE-OFF		C	D
Runway	**Facilities**	m	m
09L, 09R, 27L, 27R	RCLL(H)+REDL(H)+Multi RVR (1)	125	150
09L, 09R, 27L, 27R	RCLL+REDL+Multi RVR	150	200
09L, 09R, 27L, 27R	RCLL+REDL	200	250
09L, 09R, 27L, 27R	RCL and/or REDL (2)	250	300
All	Nil (Day only)	500	500

Notes:

(1) Subject to Approval.

(2) For night operations, at least runway edge and end lights required.

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JAR-OPS Landing Minima

HANNOVER

The following Minima is for Public Transport aircraft and conforms to JAR-OPS1 regulations.

STRAIGHT-IN APPROACH		A				B			
R/W	Procedure	**DA/ MDA QNH** ft	DH/ MDH QFE ft	**RVR** m	RVR No ALS m	**DA/ MDA QNH** ft	DH/ MDH QFE ft	**RVR** m	RVR No ALS m
09L	ILS/DME (1)	**370**	200	550	1000	**370**	200	550	1000
09L	LOC/DME	**590**	420	900	1500	**590**	420	1000	1500
09L	SRA (2)	**670**	500	1000	1500	**670**	500	1200	1500
09L	NDB/DME	**760**	590	1000	1500	**760**	590	1200	1500
09L	RNAV (L/VNAV)	**670**	500	1000	1500	**670**	500	1200	1500
09L	RNAV (LNAV)	**710**	540	1000	1500	**710**	540	1200	1500
09R	ILS/DME	**380**	200	550	1000	**380**	200	550	1000
09R	LOC/DME	**590**	410	900	1500	**590**	410	1000	1500
09R	SRA (2)	**680**	500	1000	1500	**680**	500	1200	1500
09R	RNAV (L/VNAV)	**540**	360	900	1500	**540**	360	1000	1500
09R	RNAV (LNAV)	**680**	500	1000	1500	**680**	500	1200	1500
27L	ILS/DME	**380**	200	550	1000	**380**	200	550	1000
27L	LOC/DME	**580**	400	900	1500	**580**	400	1000	1500
27L	SRA (2)	**670**	490	1000	1500	**670**	490	1200	1500
27L	RNAV (L/VNAV)	**660**	480	1000	1500	**660**	480	1200	1500
27L	RNAV (LNAV)	**670**	490	1000	1500	**670**	490	1200	1500
27R	ILS/DME (1)	**370**	200	550	1000	**370**	200	550	1000
27R	LOC/DME	**600**	430	900	1500	**600**	430	1000	1500
27R	SRA (2)	**670**	500	1000	1500	**670**	500	1200	1500
27R	NDB/DME	**750**	580	1000	1500	**750**	580	1200	1500
27R	RNAV (L/VNAV)	**590**	420	900	1500	**590**	420	1000	1500
27R	RNAV (LNAV)	**670**	500	1000	1500	**670**	500	1200	1500

Notes:

(1) Includes Cat DL.

(2) Receipt of temperature-corrected altitudes not applicable during cold temperatures.

CIRCLING		A			B		
R/W	Procedure	**MDA QNH ft**	MDH QFE ft	Vis m	**MDA QNH ft**	MDH QFE ft	Vis m

Not Authorised

Notes:

TAKE-OFF		A	B
Runway	**Facilities**	m	m
09L, 09R, 27L, 27R	RCLL(H)+REDL(H)+Multi RVR (1)	125	125
09L, 09R, 27L, 27R	RCLL+REDL+Multi RVR	150	150
09L, 09R, 27L, 27R	RCLL+REDL	200	200
09L, 09R, 27L, 27R	RCL and/or REDL (2)	250	250
All	Nil (Day only)	500	500

Notes:

(1) Subject to Approval.

(2) For night operations, at least runway edge and end lights required.

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JAR-OPS Landing Minima

HANNOVER

The following Minima is for Public Transport aircraft and conforms to JAR-OPS1 regulations.

CAT II

Special aircrew and aircraft certification required.

	C				D			
Runways	**DA QNH ft**	DH QFE ft	**RA ft**	RVR m	**DA QNH ft**	DH QFE ft	**RA ft**	RVR m
09L (**1**)(3)	**267**	100	102	300	**267**	100	102	350
27R (**1**)	**269**	100	97	300	**269**	100	97	350
27R (**1**)(2)	**-**	-	-	-	**289**	120	115	350

Notes:

1) Cat D RVR may be reduced to 300m when conducting autoland.

2) Cat DL aeroplanes only.

3) Includes Cat DL aeroplanes.

	A				B			
Runways	**DA QNH ft**	DH QFE ft	**RA ft**	RVR m	**DA QNH ft**	DH QFE ft	**RA ft**	RVR m
09L	**267**	100	102	300	**267**	100	102	300
27R	**269**	100	97	300	**269**	100	97	300

Notes:

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