

# Frankfurt FIR Airports

Note: Not for real navigation!

Effective: 23.12.2004

## Mannheim (EDFM )

ICAO-code: EDFM

IATA-code: MHG

Position: N49 28.4 E008 30.9

Altitude: 309 ft

Magnetic Variation: 00°

Transition Altitude: 5000 ft

Transition Level: by ATC

Summer LT: UTC(Z) plus 2 hours

Winter LT: UTC(Z) plus 1 hour

### Nav aids:

**LOC DME 27** 108.55 / 273° (IMAW)

**NKR** 292.0

**KIR** 117.50

**RID** 112.20

**MND** 113.55

**ZWN** 114.80

### Communication:

Station	Login	Frequenz
Tower	EDFM_V_TWR	118.40
Langen Radar	EDFF_V_CTR	127.50

### Holdings :

**NKR** Track 087° RT MSA 5000

**BANIK** Track 338° LT MSA 5000

IAF RWY 27

IAF RWY 27 (by ATC only)

### Standard Arrival Routes

None

## Standard Instrument Departure Routes :

### RWY 09:

<b>KIR 4C</b>	On track 093° to 3.0 DME MND; LT, on R069 ZWN to 42.0 DME ZWN; RT on R120 KIR via SURIL to KIR. Climb with 4.1% (249 ft/NM) or more until passing 600. Cross 39.0 DME KIR at 6000 or above.	5000 ft	
	<b>GPS/FMS-RNAV:</b> [A800+] – <u>FM041[L]</u> – FM042 – FM045[R] – FM046[A6000+] – SURIL – KIR.		
<b>MANEM 4C</b>	On track 093° to 3.0 DME MND; LT, on R069 ZWN to 42.0 DME ZWN; LT, on R197 RID to 29.0 DME RID; on R083 ZWN to MANEM. Climb with 4.1% (249 ft/NM) or more until passing 600.	5000 ft	During activity of ED-R205(TRA) max FL 080
	<b>GPS/FMS-RNAV:</b> [A800+] – <u>FM041[L]</u> – FM042 – FM043[L] – FM044[R] - MANEM.		
<b>NEKOM 1C</b>	On track 093° to 3.0 DME MND; RT, on track 149° NKR to NEKOM. Climb with 4.1% (249 ft/NM) or more until passing 600. Cross NEKOM at 5000 or above.	5000 ft	PDG: 1. 4.1% (249 ft/NM) or more until passing 600 due to obstacle  2. 6% (365 ft/NM) or more due to airspace structure
	<b>GPS/FMS-RNAV:</b> [A800+] – FM040[R] – NEKOM[A5000+].		

### RWY 27:

<b>KIR 4W</b>	On track 258° to 3.5 DME MND; RT, on R120 KIR via SURIL to KIR Climb with 6.6% (401 ft/NM) or more until passing 600. Cross 39.0 DME KIR at 6000 or above.	5000ft	PDG: 1. 6.6% (401 ft/NM) or more until passing 600 due to obstacle  2. 6% (365 ft/NM) or more due to airspace structure
	<b>GPS/FMS-RNAV:</b> [A800+] – FM053[R] – FM046[A6000+] – SURIL – KIR.		
<b>MANEM 4W</b>	On track 258° to 4.0 DME MND; LT, on R197 RID to 29.0 DME RID; RT, on R083 ZWN to MANEM. Climb with 6.6% (401 ft/NM) or more until passing 600. Cross 26.0 DME RID at 4000 or above.	5000 ft	PDG: 1. 6.6% (401 ft/NM) or more until passing 600 due to obstacle  2. 6% (365 ft/NM) or more due to airspace structure  3. During activity of ED-R205(TRA) max FL 080
	<b>GPS/FMS-RNAV:</b> [A800+] – FM050[L] - FM051[A4000+] – FM044[R] – MANEM.		
<b>NEKOM 1W</b>	On track 258° to 4.0 DME MND; LT, on R197 RID to 26.0 DME RID; LT, on track 088° NKR to NEKOM. Climb with 6.6% (401 ft/NM) or more until passing 600. Cross 26.0 DME RID at 4000 or above. ACFT crossing 4000 prior R197 RID 26.0 DME, LT direct NKR/NEKOM	5000 ft	PDG: 1. 6.6% (401 ft/NM) or more until passing 600 due to obstacle  2. 7.7% (468 ft/NM) or more due to airspace structure
	<b>GPS/FMS-RNAV:</b> [A800+] – FM050[L] - <u>FM051[A4000+;L]</u> – FM052 – NEKOM.		If unable to comply, request alternative instruction by ATC