

EDFM AD 2.18 ATS communication facilities

Service designation	Call sign	Channel/Frequency (MHZ)	Sat-voice	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
ATIS	MANNHEIM ATIS	132.415	-	-	0450 (0350) – 2050 (1950)	Designated operational coverage 40 NM, FL 100
APP	LANGEN RADAR	129.355	-	-	H24	
AFIS	MANNHEIM INFORMATION	129.780	-	-	HX	Designated operational coverage 25 NM, 4000 ft AMSL
TWR	MANNHEIM TOWER	129.780	-	-	Mon – Fri 0500 (0400) – 2000 (1900) Sat, Sun, HOL 0700 (0600) – 1900 (1800) Other times: PPR	Designated operational coverage 25 NM, 4000 ft AMSL

EDFM AD 2.19 Radio navigation and landing aids

Type of aid MAG VAR Type of supported OPS VOR/ILS/MLS declination	ID	Frequency/ Channel service provider RPI	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Service volume radius GBAS	Remarks
1	2	3	4	5	6	7	8
Karlsruhe DVOR/DME (1° E/2012)	KRH	115.95 MHz CH106y	H24	N 48 59 34.60 E 008 35 03.25	909	-	Operational coverage sector 068°–315°: 60 NM, 50000 ft MSL sector 315°–068°: 40 NM, 50000 ft MSL The DVOR may only be used for the radials in the published en-route, approach and departure procedures and is not permitted for area navigation. DME unusable in sector 068°–315°: below <hr/> 0 – 10 NM 4000 ft MSL 10 – 20 NM 7200 ft MSL 20 – 30 NM 10600 ft MSL 30 – 40 NM 14000 ft MSL 40 – 50 NM 17700 ft MSL 50 – 60 NM 21400 ft MSL DME unusable in sector 315°–068°: below <hr/> 0 – 10 NM 2000 ft MSL 10 – 20 NM 3300 ft MSL 20 – 30 NM 4700 ft MSL 30 – 40 NM 6200 ft MSL
Luburg VOR/DME (2° E/2012)	LBU	109.20 MHz CH29x	H24	N 48 54 46.71 E 009 20 24.82	1052	-	Operational coverage sector 135°–315°: 40 NM, FL 500 sector 315°–135°: 60 NM, FL 500 The VOR may only be used for the radials in the published en-route, approach and departure procedures and is not permitted for area navigation. DME unusable in sector 0°–360°: below <hr/> 0 – 10 NM 2400 ft MSL 10 – 20 NM 3000 ft MSL 20 – 30 NM 5700 ft MSL 30 – 40 NM 7600 ft MSL DME unusable in sector 315°–135°: below <hr/> 40 – 50 NM 9500 ft MSL 50 – 60 NM 11600 ft MSL
Mannheim DME	MND	CH82y (113.55 MHz *)	H24	N 49 28 14.30 E 008 30 57.53	341	-	Operational coverage sector 0°–360°: 15 NM, FL 100 * Ghost frequency