

EDDW AD 2.17 ATS airspace

1	Designation and lateral limits	CTR Bremen
2	Vertical limits	2500 ft MSL
3	Airspace classification	D
4	ATS unit call sign Language(s)	BREMEN TOWER English, German
5	Transition altitude	5000 ft MSL
6	Hours of applicability	NIL
7	Remarks	For detailed airspace description see ENR 2.1

EDDW 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
		121.500	-	-	H24	Emergency frequencies for all services
		243.000	-	-	H24	
ATIS	BREMEN ATIS	132.380	-	-	H24	Designated operational coverage 25 NM, FL 200
APP	BREMEN RADAR	124.800	-	-	H24	
TWR	BREMEN TOWER	120.330	-	-	0445 (0345) – 2300 (2200) On request: Mon – Fri each night from 2300 (2200) until 0445 (0345) the next day	Primary frequency Designated operational coverage 25 NM, 4000 ft AGL
		134.830	-	-	0445 (0345) – 2300 (2200) On request: Mon – Fri each night from 2300 (2200) until 0445 (0345) the next day	Designated operational coverage 25 NM, 4000 ft AGL
		340.850	-	-	0445 (0345) – 2300 (2200) On request: Mon – Fri each night from 2300 (2200) until 0445 (0345) the next day	Designated operational coverage 25 NM, 4000 ft AGL
	BREMEN GROUND	121.755	-	-	0500 (0400) – 2100 (2000)	

EDDW 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/ GBAS reference point coordinates	Elevation of DME transmitting antenna/ elevation GBAS reference point	Service volume radius from GBAS- reference point (NM)	Remarks
1	2	3	4	5	6	7	8
Bremen DVOR/DME (1° E/2012)	BMN	117.45 MHz CH121y	H24	N 53 02 46.51 E 008 45 37.61	42	-	Operational coverage sector 0°–360°: 60 NM, FL 500 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 0°–360°: below 0 – 10 NM 1100 ft MSL 10 – 20 NM 2400 ft MSL 20 – 30 NM 3800 ft MSL 30 – 40 NM 5300 ft MSL 40 – 50 NM 7000 ft MSL 50 – 60 NM 8800 ft MSL