

EDGS 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
Cola DVOR/DME (1° E/2012)	COL	108.80 MHz CH25x	H24	N 50 47 00.70 E 007 35 39.03	968	-	Operational coverage sector 225°–315°: 60 NM, FL 250 sector 315°–225°: 40 NM, FL 250 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 225°–315°: below 0 – 10 NM 2000 ft MSL 10 – 20 NM 3500 ft MSL 20 – 30 NM 5000 ft MSL 30 – 40 NM 6600 ft MSL 40 – 50 NM 8400 ft MSL 50 – 60 NM 10300 ft MSL DME unusable in sector 315°–225°: below 0 – 10 NM 2000 ft MSL 10 – 20 NM 3500 ft MSL 20 – 30 NM 5000 ft MSL 30 – 40 NM 6600 ft MSL
Noervenich DVORTAC (3° E/2025)	NVO	116.20 MHz CH109x	H24	N 50 49 21.63 E 006 38 11.52	430	-	Operational coverage sector 0°–360°: 60 NM 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.
Siegerland ILS 31 (CAT I) LOC (2° E/2022)	ISIW	108.90 MHz	H24	N 50 42 47.91 E 008 04 17.64		-	Usable: Up to 10 NM in the area 013°(L)/013°(R) in relation to RCL MIN interception altitude: 4000 ft MSL. From 10 NM to 18 NM in the area 007°(L)/ 006°(R) in relation to RCL MIN interception altitude: 4000 ft MSL.
GP	-	329.30 MHz	H24	N 50 42 15.23 E 008 05 13.49		-	
MM	dot- dash	75.00 MHz	H24	N 50 41 53.71 E 008 06 04.69		-	0.52 NM THR 31
Siegerland DME	SLD	CH17y (108.05 MHz *)	H24	N 50 42 24.37 E 008 04 42.64	2010	-	Operational coverage sector 0°–360°: 20 NM, FL 100 DME unusable in sector 0°–360°: below beyond 10 NM 3500 ft MSL beyond 15 NM 5000 ft MSL * Ghost frequency
L (1° E/2012)	SIL	489.00 KHz	H24	N 50 40 48.13 E 008 08 18.60		-	Operational range sector 0°–360°: 25 NM unusable: in sector from station 020°–300° 23 NM 300°–020° 18 NM