

EDLN 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 |
| Duesseldorf DVOR/DME (2° E/2024) | DUS | 115.15 MHz CH98y | H24 | N 51 16 59.48 E 006 45 13.41 | 139 | - | Operational coverage sector 0°–360°: 40 NM, FL 250 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. A rough course structure can be expected on all radials. DME unusable in sector 0°–360°: below 0 – 5 NM 500 ft MSL 5 – 10 NM 1200 ft MSL 10 – 20 NM 2500 ft MSL 20 – 30 NM 3800 ft MSL 30 – 40 NM 5400 ft MSL |
| Duesseldorf Interim DME | DID | CH126x (117.90 MHz *) | H24 | N 51 17 01.22 E 006 45 16.48 | 126 | - | Operational coverage sector 0°–360°: 40 NM, 25000 ft MSL DME unusable in sector 330°–338°: below 0 – 10 NM 2100 ft MSL 10 – 20 NM 4300 ft MSL DME unusable in sector 338°–330°: below 0 – 10 NM 1200 ft MSL 10 – 20 NM 2500 ft MSL 20 – 30 NM 3900 ft MSL 30 – 40 NM 5400 ft MSL The DME cannot be used on the arrival radial 23L between 1.5 NM - 1.9 NM and 4.5 NM - 8 NM, as well as on the arrival radial 23R between 1.3 NM - 1.7 NM. Apart from that, the DME can be used for the published procedures. * Ghost frequency |