Approach Briefing

Briefing (VFR)

- **VFR approach to EDLS runway 29**
- **Approach briefing for landing in Stadtlohn. Runway in use 29. QFU285 set as inbound on HSI.**
- **Normal landing with flaps 25.**
  Landing mass approximately 1.100 kg, V_{REF} 64 kt, V_{TGT} 70 kt
- **Approaching from the south (example), so the approach strategy depends on traffic situation.**
  Option One: In case traffic situation permits, entering the final via lefthand base.
  Option Two: If Option One does not work and if there is no glider traffic or prachute activities at the airport, crossing midfields and entering the righthand downwind for runway 29.
  Option Three: In case of a busy traffic situation in the traffic pattern passing the airport in the east, east of the city of Stadtlohn for noise abatement and approaching the traffic pattern from the north. Entering right downwind at 45° angle.
  Decide which option will use as soon as having a clear overview about traffic situation.
- **Traffic pattern altitude: 1.200 ft**
- **Airport elevation 157 ft**
- **Landing distance available: 1.240 m**
- **Vacating the runway to the right via taxiways A, B or C.**

Briefing IFR

- **Dortmund Standard ILS or LOC Approach Runway 06**
- **Minimum Sector Altitude is 2.800 ft in the north, 3.700 ft in the south; within 25 NM of DOR VOR**
- **Approach is loaded via DOR VOR in the GNS 430, tracks and distances are crosschecked with GPS flightplan.**

  ***VOR-Approaches*: Flying the approach as GPS overlay and perform crosschecks with the bearing pointer.**

  For Standard Approach:
  - Departing DOR with minimum 3.000 ft on Radial 228° outbound, set NAV2.
  - At 8.6 DOR turn right to intercept the final approach course 059.
  - When established on final approach course, expect to capture the glideslope out of 2.500 ft at 7.5 DOR and start a 3° descent to the minimum of 618 ft, which is 418 ft AGL.
  - Cloudbase and visibility are above minimum according to ATIS.
- **In case of radar vectors we intercept the localizer 059°, when cleared by ATC.**
  In this case activate „vectors to final“ on GNS430.
- **Intermediate Approach Altitude is 2.500 ft**
- **Descent starts at KOLOT, 7.5 of DOR DME**
  Check-Distance is 5.2 NM and Check-Altitude is 1.780 ft
- **Follow 3° Glideslope; DA/Minimum is 618 ft for the ILS, and 850 ft for LOC (GS out).**
  Actual cloud base is 700 ft AGL according ATIS.
- **Missed Approach: Climb straight ahead to D3.0 DOR, then turn left to DOR VOR climbing to 3.000 ft. Entry procedure for the holding will be a Teardrop**
- **Tower 134.180 is set standby on COM1, Ground 121.830 is set active on COM2**
- **Approach speed 100 kt, configuration flaps 25° at 4 NM before RWY, target speed 70 kts.**
- **Alternate is Düsseldorf, Minimum fuel for Düsseldorf including final reserve is 50 liter, approaching EDLW with 110 liter, so we have 60 liter for holdings or approaches.**