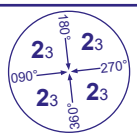
# INSTRUMENT APPROACH CHART - ICAO

# SOUTHAMPTON
## (IAF NDB(L) EAS)
## LOC/DME
## RWY 20
(ACFT CAT A,B,C)

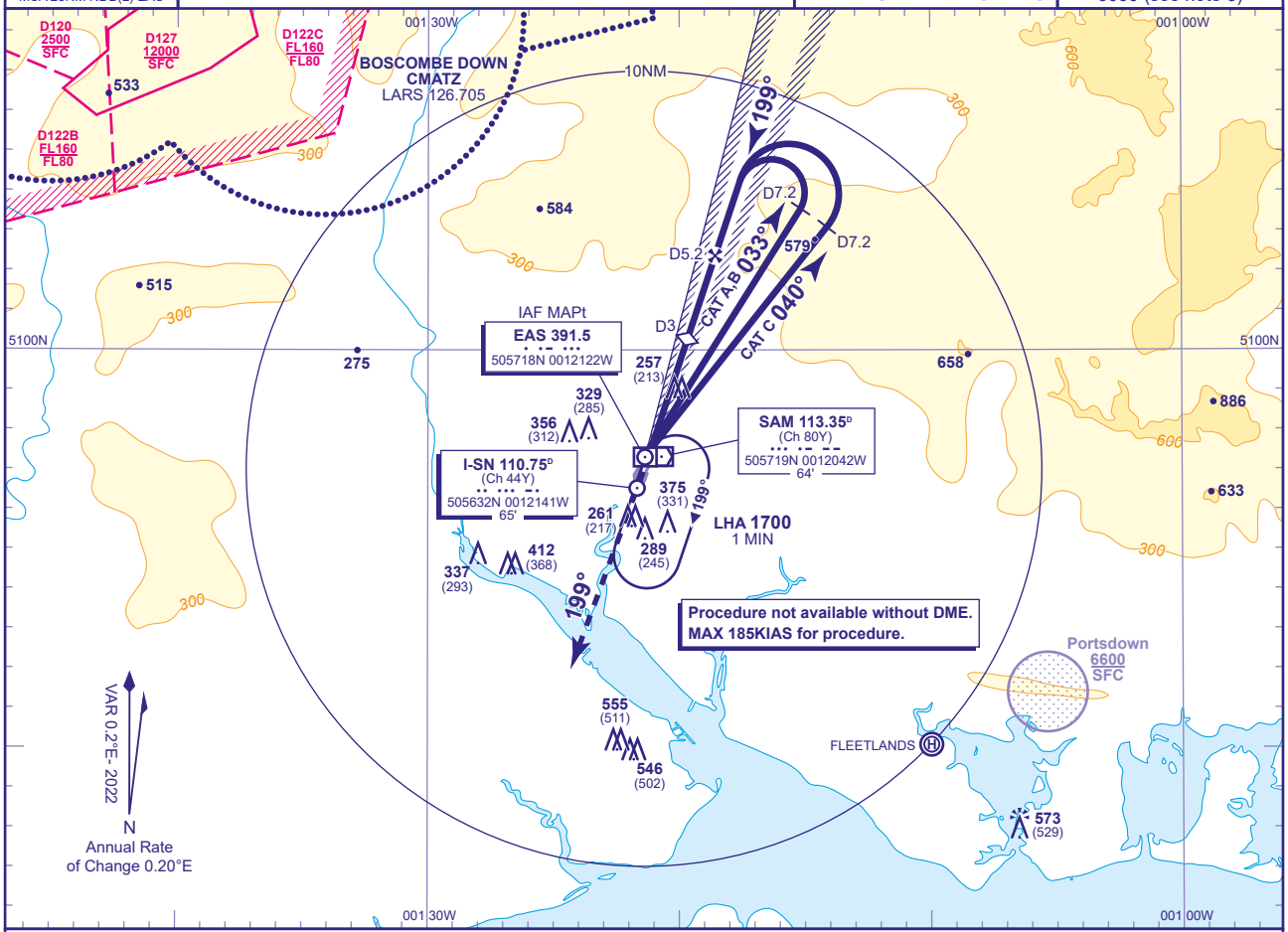



MSA 25NM NDB(L) EAS

| | | | |
|---|---|---|---|
| APP | 120.230 | SOLENT RADAR | |
| | 122.730 | SOUTHAMPTON RADAR | |
| TWR | 118.205 | SOUTHAMPTON TOWER | |
| ATIS | 130.880 | SOUTHAMPTON INFORMATION | |

| | |
|---|---|
| AD ELEVATION | 44 |
| THR ELEVATION | 44 |
| OBSTACLE ELEVATION | 648 AMSL (604) (ABOVE THR) |
| BEARINGS ARE MAGNETIC | |

TRANSITION ALTITUDE **6000** (see note 6)



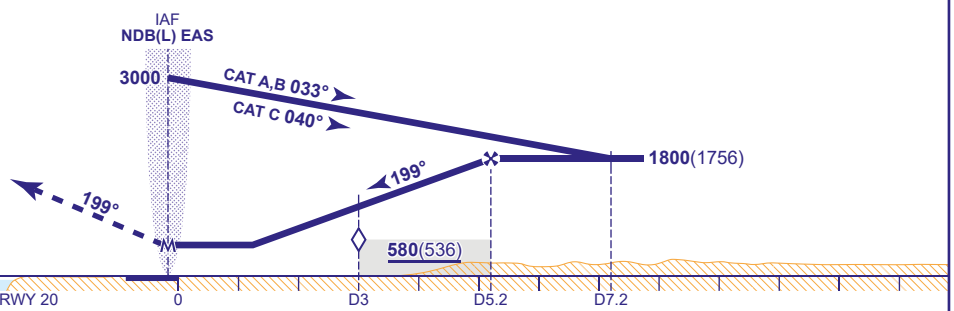

**RECOMMENDED PROFILE** Gradient 5.41%, 330FT/NM

| **DME I-SN** | 5 | 4 | 3 **(SDF)** | 2 |
|---|---|---|---|---|
| **ALT**(HGT) | **1740**(1696) | **1410**(1366) | **1080**(1036) | **750**(706) |

**MAPt NDB(L) EAS**

Continuous climb to **3000**, initially straight ahead then as directed.

RCF: Continuous climb to **3000**. Initially straight ahead to **2000** or I-SN DME 7.7 (SAM DME 8) whichever is later then climbing right turn to **NDB(L) EAS** to hold at **3000**.




| Aircraft Category | | A | B | C |
|---|---|---|---|---|
| OCA (OCH) | Procedure | **510**(466) | **510**(466) | **510**(466) |
| VM(C)OCA (OCH AAL) | Total Area | **680**(636) | **700**(656) | **890**(846) |

| Rate of descent | | | | | | |
|---|---|---|---|---|---|---|
| | G/S KT | 160 | 140 | 120 | 100 | 80 |
| | FT/MIN | 880 | 770 | 660 | 550 | 440 |

**NOTE 1** Lowest altitude to commence procedure from hold is **2000**.
**2** DME SAM is situated 0.3NM east of THR RWY 20.
**3** DME SAM may be substituted for DME I-SN if required. There are no changes to DME distances when DME SAM is used.
**4** Due to controlled airspace constraints, aircraft may temporarily leave controlled airspace in the base turn. Aircraft being radar vectored to the LOC may not be provided a period of level flight immediately prior to crossing the FAF.
**5** Aircraft will normally be required to hold not lower than **2000**.
**6** Outside the Solent CTA notified hours of operation the Transition Altitude is **3000**.

**CHANGE (12/25):** BOSCOMBE FREQUENCY.