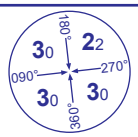
INSTRUMENT APPROACH CHART - ICAO

BRISTOL
NDB(L)/DME
RWY 09
(ACFT CAT A,B,C,D)

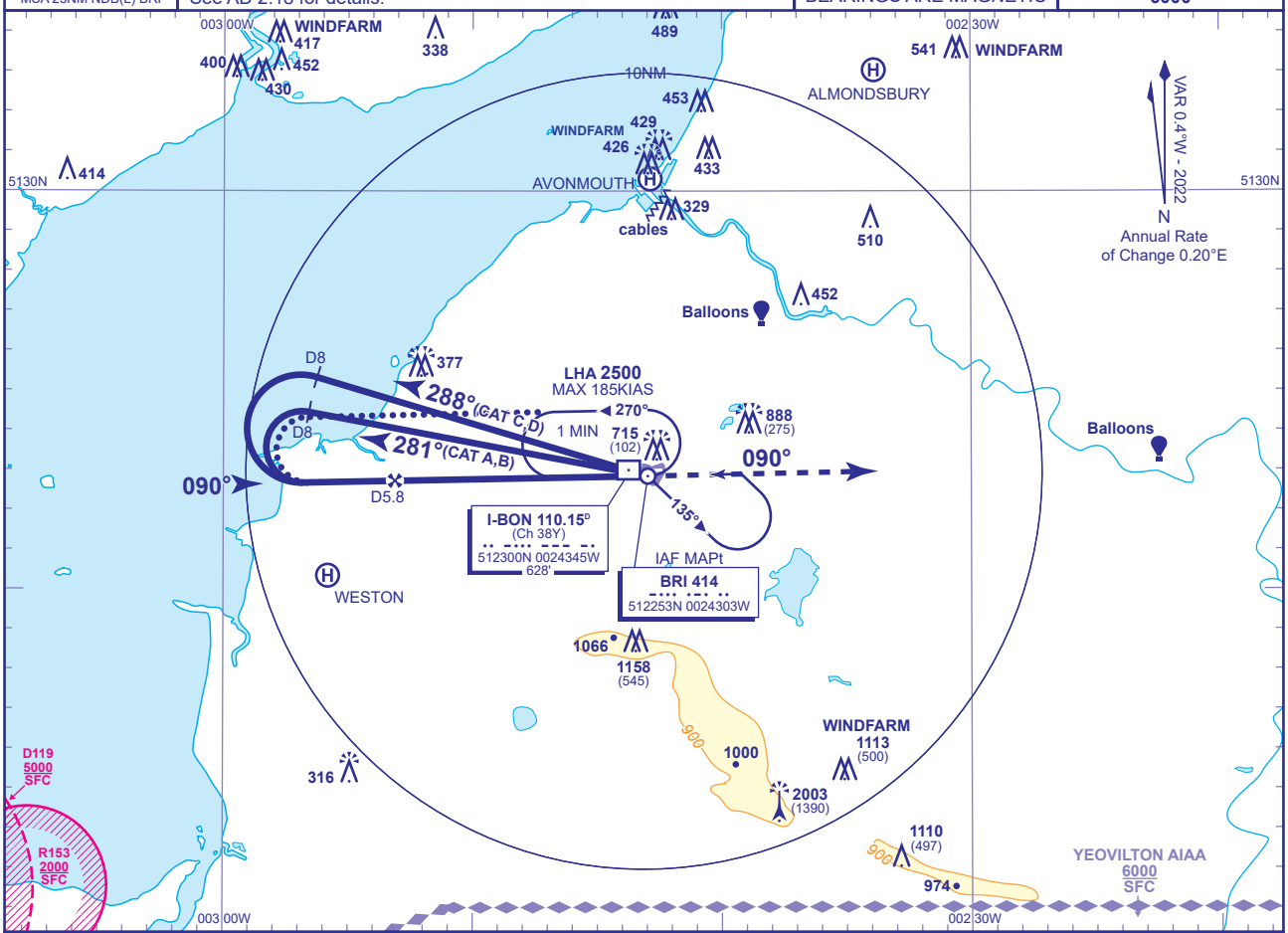


MSA 25NM NDB(L) BRI

TWR	133.850, 136.080*	BRISTOL TOWER
APP	125.650, 136.080*	BRISTOL RADAR
RAD	136.080*	BRISTOL DIRECTOR
ATIS	126.030	BRISTOL INFORMATION
*See AD 2.18 for details.		

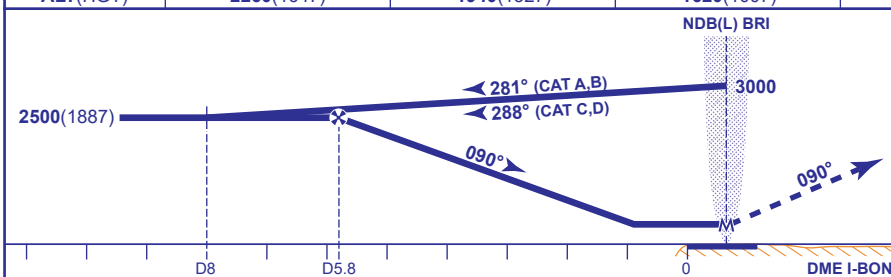
AD ELEVATION	622
THR ELEVATION	613
OBSTACLE ELEVATION 2003 AMSL (1390) (ABOVE THR)	
BEARINGS ARE MAGNETIC	

TRANSITION ALTITUDE
6000



RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

DME I-BON	5	4	3	2	1
ALT(HGT)	**2260**(1647)	**1940**(1327)	**1620**(1007)	**1300**(687)	**980**(367)



MAPt NDB(L) BRI
Climb straight ahead to **3000** then as directed.
RCF:Climb straight ahead. at **I-BON DME 4.7** turn right to **NDB(L) BRI** at **3000**.

Aircraft Category		A	B	C	D
OCA (OCH)	With DME or RADAR	**940**(327)	**940**(327)	**940**(327)	**940**(327)
	No DME or RADAR	**N/A**	**N/A**	**1000**(387)	**1000**(387)
VM(C)OCA (OCH AAL)	Total Area	**1050**(428)	**1190**(568)	**1460**(838)	**1560**(938)
	North of RWY 09/27	**1050**(428)	**1190**(568)	**1290**(668)	**1320**(698)

Rate of descent	G/S KT	160	140	120	100	80
	FT/MIN	840	740	630	530	420

ALTERNATIVE PROCEDURE EXTENDED HOLDING PATTERN Overhead IAF (NDB(L) BRI) at **3000** in holding pattern, turn left and descend on the extended outbound leg to **2500**(1887). At I-BON DME 8 turn left onto FAT. From FAF (I-BON DME 5.8) descend to MDH.

AIRCRAFT UNABLE TO RECEIVE DME I-BON Advise ATC. Radar Ranges will be passed at 8NM outbound and at 5.8NM inbound (See note 4).

ALTERNATIVE TIMED PROCEDURE CAT C and D aircraft may, in the absence of either DME I-BON or radar ranges, fly outbound on baseturn procedure for 2MIN 12SEC. (Note: timed procedure **not available for CAT A or B aircraft**).

NOTES
1 Lowest altitude to commence procedure from hold is **2500**.
2 Maximum KIAS for procedure is 110KIAS (CAT A); 140KIAS (CAT B); 185KIAS (CAT C,D).
3 FAT offset 3.11° from RWY C/L.
4 ATC unable to provide Radar Ranges when operating SSR only.

CHANGE (6/24): OCA(OCH) WITH DME OR RADAR. OBSTACLE ADDED.