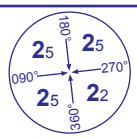
INSTRUMENT APPROACH CHART - ICAO

BIRMINGHAM ILS/DME/NDB(L) RWY 33

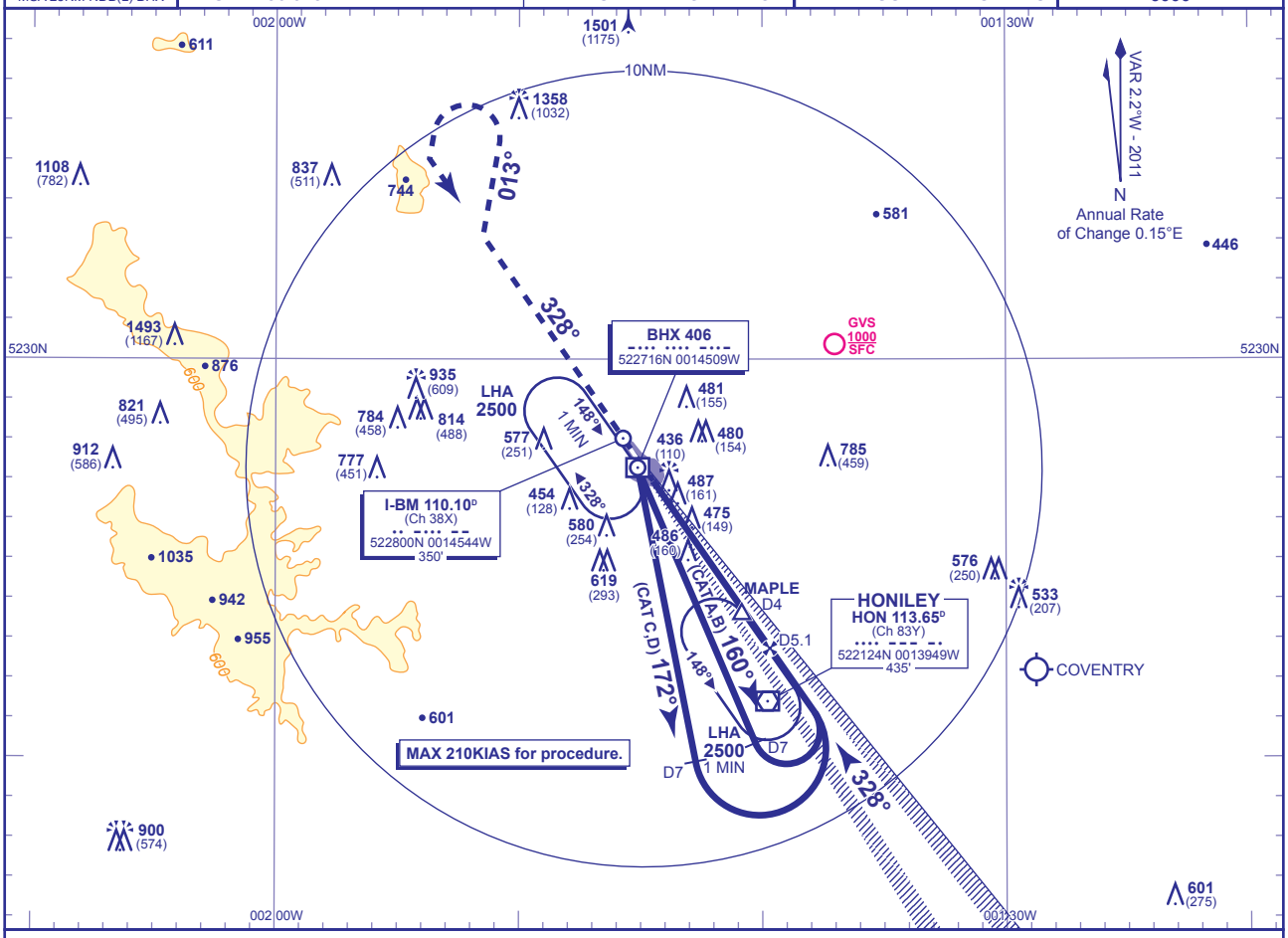
(ACFT CAT A,B,C,D)



MSA 25NM NDB(L) BHX

APP	118.050, 131.000	BIRMINGHAM APPROACH	AD ELEVATION	328	
TWR	118.300	BIRMINGHAM TOWER	THR ELEVATION	326	
	121.800	BIRMINGHAM GROUND	OBSTACLE ELEVATION		
RAD	118.050, 131.325	BIRMINGHAM RADAR	1501 AMSL (1175) (ABOVE THR)		
ATIS	136.025	BIRMINGHAM INFORMATION	BEARINGS ARE MAGNETIC		

TRANSITION ALTITUDE **6000**

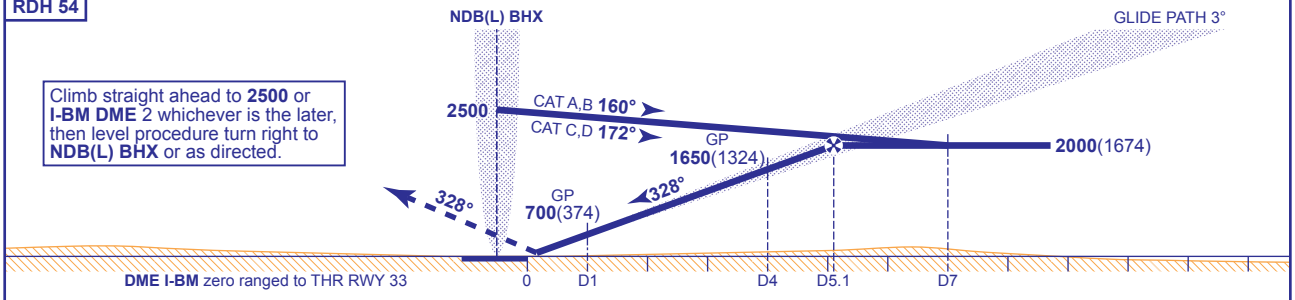


RECOMMENDED PROFILE GLIDE PATH 3°, 320FT/NM

DME I-BM	5	4	3	2	1
ALT(HGT)	**1970**(1644)	**1650**(1324)	**1330**(1004)	**1020**(694)	**700**(374)

RDH 54

Climb straight ahead to **2500** or **I-BM DME** 2 whichever is the later, then level procedure turn right to **NDB(L) BHX** or as directed.



Aircraft Category		A	B	C	D
OCA (OCH)	CAT I	**487**(161)	**494**(168)	**505**(179)	**517**(191)
	CAT II	**378**(52)	**392**(66)	**405**(79)	**424**(98)
VM(C)OCA (OCH AAL)	Total Area	**810**(482)	**920**(592)	**1080**(752)	**1180**(852)

Rate of descent	G/S KT	160	140	120	100	80
	FT/MIN	860	740	640	540	420

ALTERNATIVE PROCEDURE FROM EXTENDED MAPLE HOLD
Overhead MAPLE at **2500**. Extend the outbound leg of the MAPLE holding pattern to **2000**(1674). At I-BM DME 7 turn left onto LOC. When established continue as for main procedure.

AIRCRAFT UNABLE TO RECEIVE DME
Advise ATC and continue as for normal procedure. Radar ranges will be provided at 7NM outbound and at 4NM inbound.

NOTE Direct arrivals are detailed on AD 2-EGBB-8-8.

CHANGE: MAG VAR. PROCEDURE. MINIMA. RECOMMENDED PROFILE. OBSTACLES. NOTE.

AERO INFO DATE 14 FEB 11