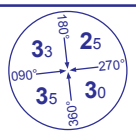
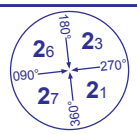
INSTRUMENT APPROACH CHART - ICAO

LEEDS BRADFORD
NDB(L)/DME y
RWY 14
(ACFT CAT A,B)



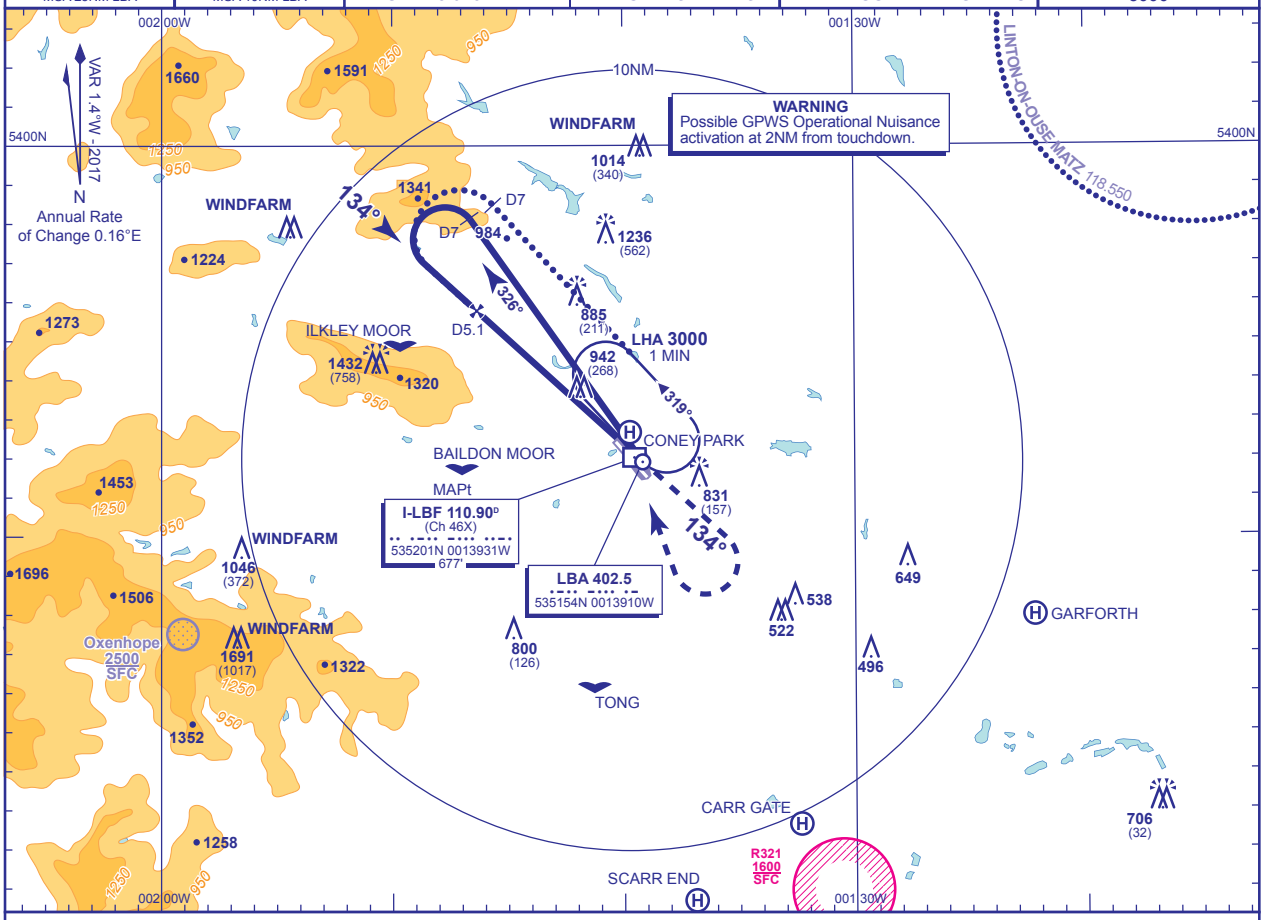
MSA 25NM LBA



MSA 10NM LBA

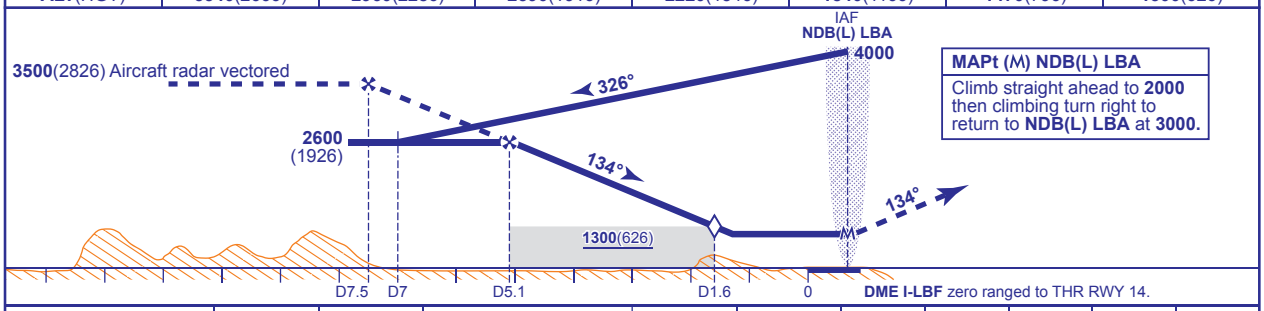
APP	134.575	LEEDS APPROACH	AD ELEVATION	681	
TWR	120.300	LEEDS TOWER	THR ELEVATION	674	
	121.800	LEEDS DELIVERY	OBSTACLE ELEVATION		
RAD	134.575, 125.375	LEEDS RADAR	1691 AMSL (1017) (ABOVE THR)		
ATIS	118.025	LEEDS INFORMATION	BEARINGS ARE MAGNETIC		

TRANSITION ALTITUDE **5000**



RECOMMENDED PROFILE Gradient 6.1%, 370FT/NM

DME I-LBF	7	6	5	4	3	2	1.6 (SDF)
ALT(HGT)	**3340**(2666)	**2960**(2286)	**2590**(1916)	**2220**(1546)	**1840**(1166)	**1470**(796)	**1300**(626)



MAPt (M) NDB(L) LBA
Climb straight ahead to **2000** then climbing turn right to return to **NDB(L) LBA** at **3000.**

Aircraft Category		A	B
OCA (OCH)	WITH DME	**1190**(516)	**1190**(516)
	NO DME	**1860**(1186)	**1860**(1186)
VM(C)OCA (OCH AAL)	Total Area	**1320**(639)	**1320**(639)

Rate of descent	G/S KT	160	140	120	100	80
	FT/MIN	990	870	750	620	500

ALTERNATIVE PROCEDURE EXTENDED HOLDING PATTERN Overhead NDB(L) LBA in holding pattern, turn left and descend on extended outbound leg to **2600**(1926). At I-LBF DME 7 turn left onto FAT. When established continue as Main Procedure.

ALTERNATIVE TIMED PROCEDURE AIRCRAFT CAT A,B ONLY
Fly procedures, substituting timing of 3MIN on outbound leg, when established inbound on extended FAT descend to MDH.

NOTES
1 FAT offset by 5° from RWY C/L.
2 Lowest altitude to commence procedure from hold is **3000.**
3 Due to controlled airspace constraints, aircraft may temporarily leave controlled airspace in the baseturn.

CHANGE (3/17): APP & RAD FREQ. MAG VAR. HOLD TRACK.

AERO INFO DATE 22 NOV 16