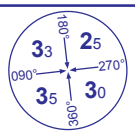
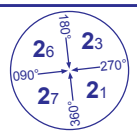
INSTRUMENT APPROACH CHART - ICAO

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

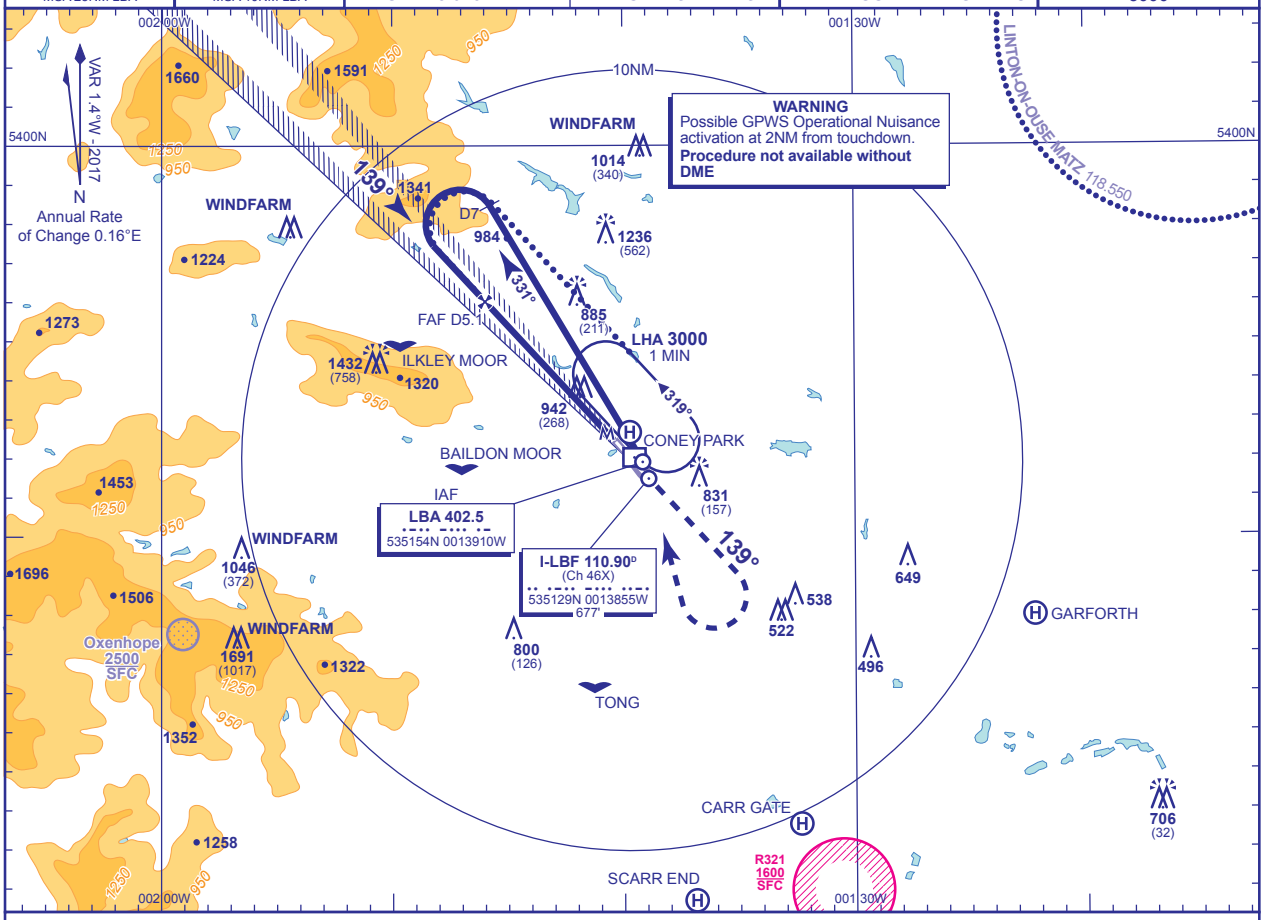


MSA 25NM LBA



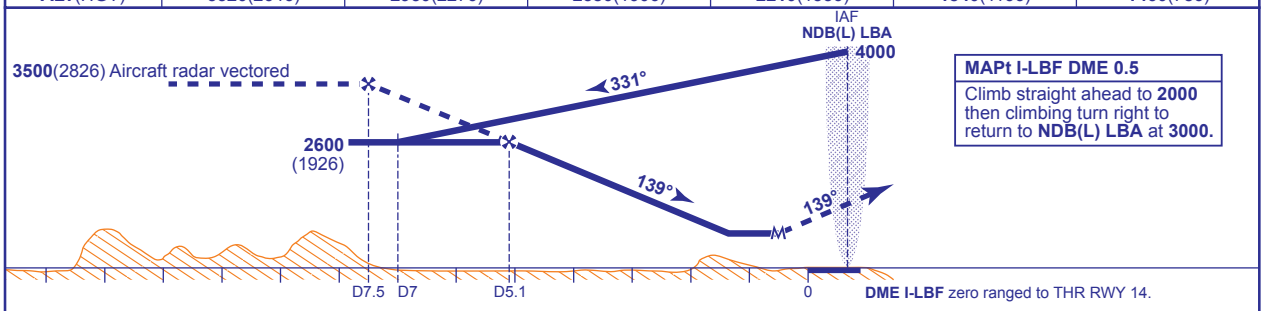
MSA 10NM LBA

APP	134.575	LEEDS APPROACH	AD ELEVATION	681	TRANSITION ALTITUDE 5000
TWR	120.300	LEEDS TOWER	THR ELEVATION	674	
	121.800	LEEDS DELIVERY	OBSTACLE ELEVATION 1691 AMSL (1017) (ABOVE THR)		
RAD	134.575, 125.375	LEEDS RADAR			
ATIS	118.025	LEEDS INFORMATION	BEARINGS ARE MAGNETIC		



RECOMMENDED PROFILE Gradient 6.1%, 370FT/NM

DME I-LBF	7	6	5	4	3	2
ALT(HGT)	**3320**(2646)	**2950**(2276)	**2580**(1906)	**2210**(1536)	**1840**(1166)	**1460**(786)



MAPt I-LBF DME 0.5
Climb straight ahead to **2000** then climbing turn right to return to **NDB(L) LBA** at **3000.**

Aircraft Category		A	B
OCA (OCH)	Procedure	**1190**(516)	**1190**(516)
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	740	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 to intercept the localizer. When established continue as Main Procedure.

NOTE **1** Lowest altitude to commence procedure from hold is **3000.**
2 Due to controlled airspace constraints, aircraft may temporarily leave controlled airspace in the base turn.

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

AERO INFO DATE 22 NOV 16