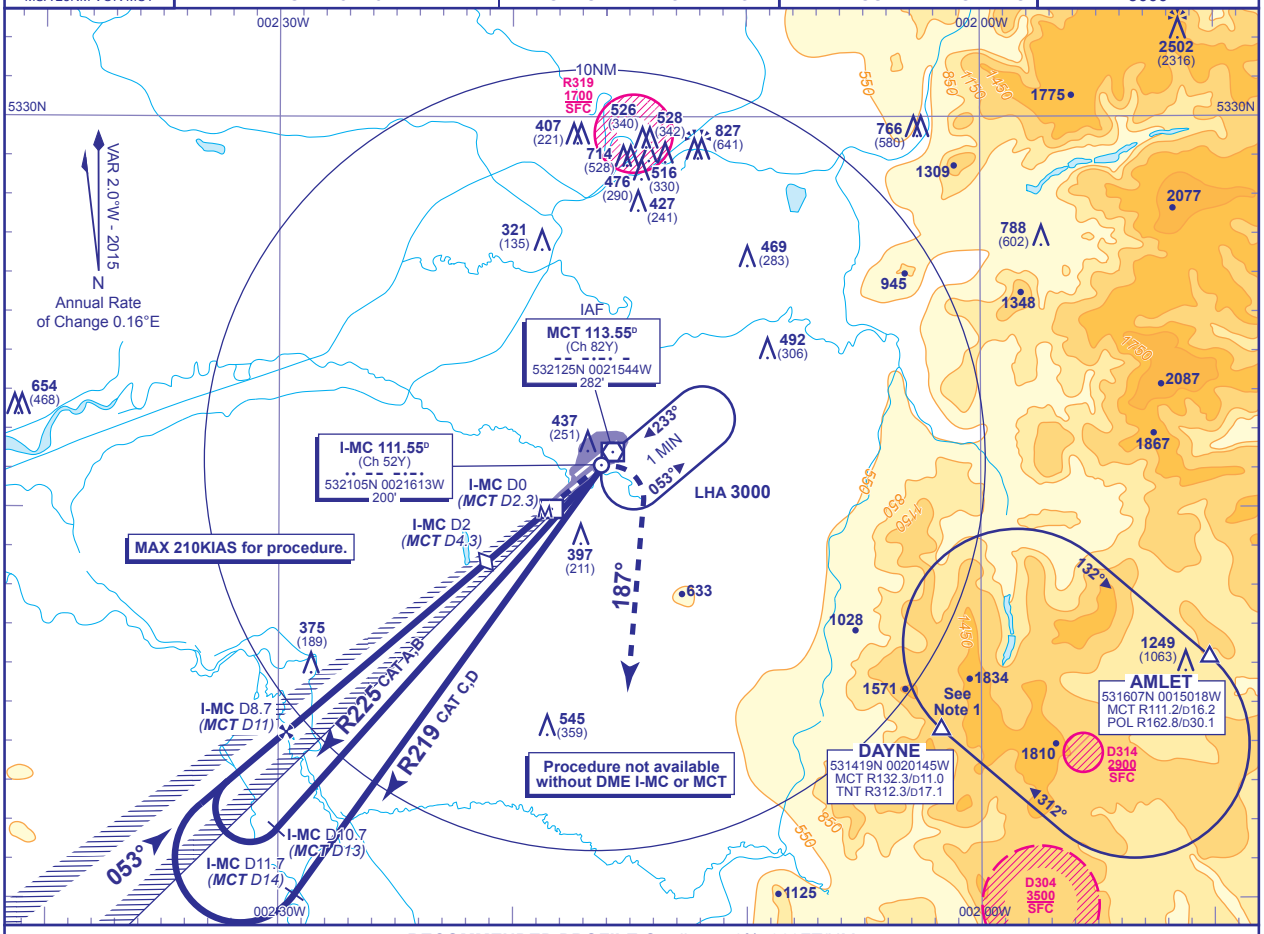
INSTRUMENT APPROACH CHART - ICAO

MANCHESTER LOC/DME (I-MC) RWY 05R
(ACFT CAT A,B,C,D)

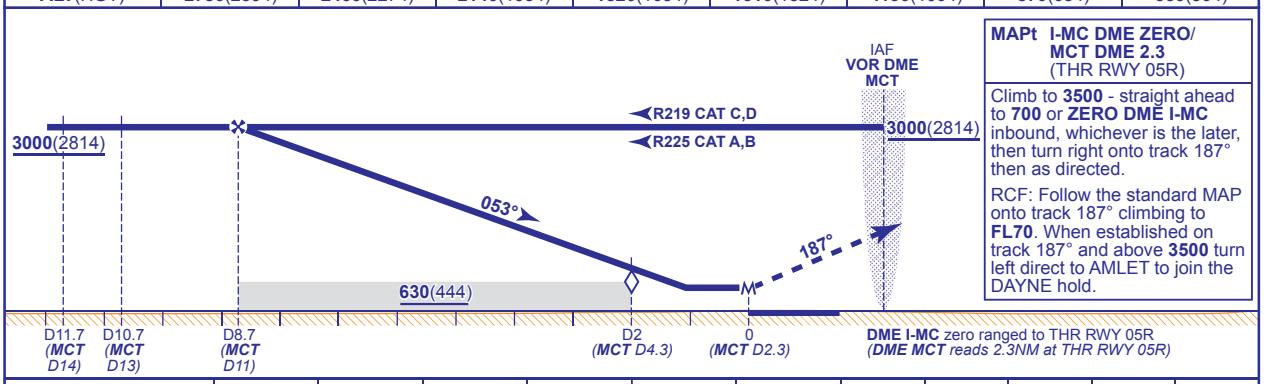
MSA 25NM VOR MCT: 3 5 (180°–270°), 2 4 (090°–360°), 3 1	APP	118.575, 135.000	MANCHESTER RADAR	AD ELEVATION	257
		121.350	MANCHESTER DIRECTOR	THR ELEVATION	186
	TWR	118.625, 119.400	MANCHESTER TOWER	OBSTACLE ELEVATION 2502 AMSL (2316) (ABOVE THR)	
		121.850, 121.700	MANCHESTER GROUND		
	ARRIVAL ATIS	128.175	MANCHESTER INFORMATION	BEARINGS ARE MAGNETIC	

TRANSITION ALTITUDE **5000**



RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

DME I-MC(MCT)	8(10.3)	7(9.3)	6(8.3)	5(7.3)	4(6.3)	3(5.3)	2(4.3)**(SDF)**	1(3.3)
ALT(HGT)	**2780**(2594)	**2460**(2274)	**2140**(1954)	**1820**(1634)	**1510**(1324)	**1190**(1004)	**870**(684)	**550**(364)



MAPt I-MC DME ZERO/ MCT DME 2.3 (THR RWY 05R)

Climb to **3500** - straight ahead to **700** or **ZERO DME I-MC** inbound, whichever is the later, then turn right onto track 187° then as directed.

RCF: Follow the standard MAP onto track 187° climbing to **FL70**. When established on track 187° and above **3500** turn left direct to AMLET to join the DAYNE hold.

Aircraft Category		A	B	C	D
OCA (OCH)	**Procedure**	**530**(344)	**530**(344)	**530**(344)	**530**(344)
VM(C)OCA (OCH AAL)	**Total Area**	**750**(493)	**820**(563)	**1110**(853)	**1110**(853)

Rate of descent					
G/S KT	160	140	120	100	80
FT/MIN	850	750	640	530	420

NOTE 1 DAYNE HOLD:- Limiting outbound distance MCT DME 16/TNT DME 14. Minimum holding level is FL70.
2 Procedure restricted to maximum 210KIAS.

CHANGE (4/16): MAG VAR. OBSTACLES. BEARINGS AND FIXES.

AERO INFO DATE 18 JAN 16