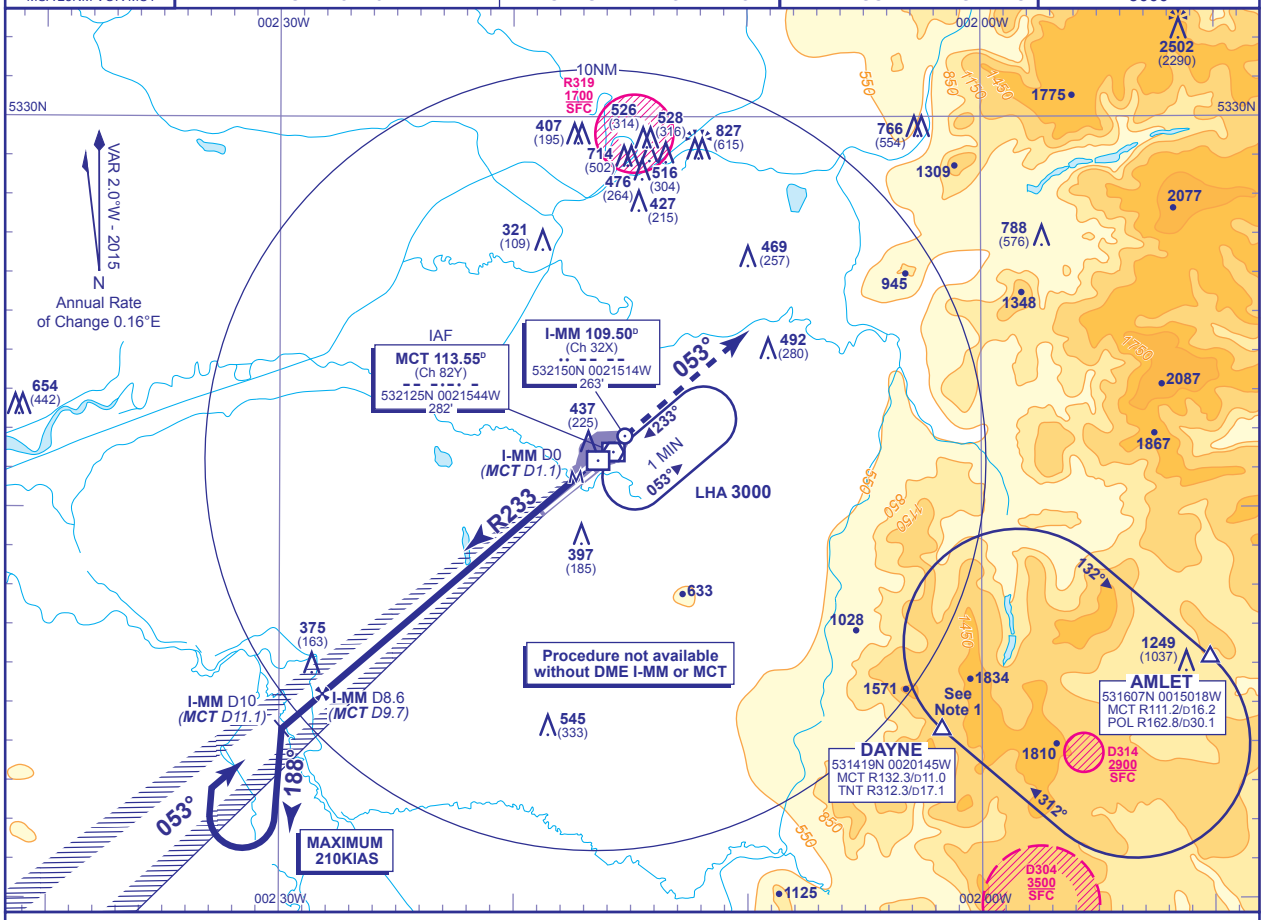
INSTRUMENT APPROACH CHART - ICAO

MANCHESTER LOC/DME RWY 05L
(ACFT CAT A,B,C,D)

MSA 25NM VOR MCT

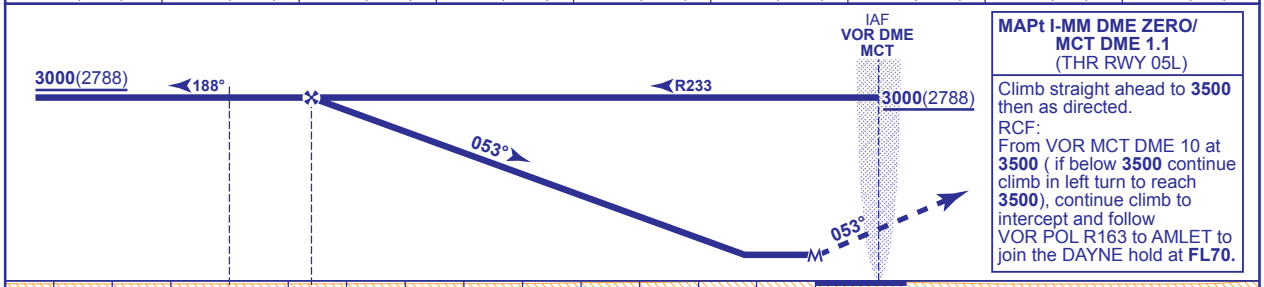
APP	118.575, 135.000	MANCHESTER RADAR	AD ELEVATION	257
	121.350	MANCHESTER DIRECTOR	THR ELEVATION	212
TWR	118.625, 119.400	MANCHESTER TOWER	OBSTACLE ELEVATION 2502 AMSL (2290) (ABOVE THR)	
	121.850, 121.700	MANCHESTER GROUND		
ARRIVAL ATIS	128.175	MANCHESTER INFORMATION	BEARINGS ARE MAGNETIC	

TRANSITION ALTITUDE **5000**



RECOMMENDED PROFILE Gradient 5.2%, 318FT/NM

DME I-MM(MCT)	8(9.1)	7(8.1)	6(7.1)	5(6.1)	4(5.1)	3(4.1)	2(3.1)	1(2.1)
ALT(HGT)	**2810**(2598)	**2490**(2278)	**2170**(1958)	**1860**(1648)	**1540**(1328)	**1220**(1008)	**900**(688)	**590**(378)



MAPt I-MM DME ZERO/ MCT DME 1.1
(THR RWY 05L)

Climb straight ahead to **3500** then as directed.
RCF:
From VOR MCT DME 10 at **3500** (if below **3500** continue climb in left turn to reach **3500**), continue climb to intercept and follow VOR POL R163 to AMLET to join the DAYNE hold at **FL70.**

Aircraft Category		**A**	**B**	**C**	**D**
OCA (OCH)	**Procedure**	**640**(428)	**640**(428)	**640**(428)	**640**(428)
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	740	640	530	420

NOTE 1 DAYNE HOLD:- Limiting outbound distance MCT DME 16/TNT DME 14. Minimum holding level is FL70.
2 DME MCT may be used if DME I-MM is not available.
3 Procedure turns restricted to maximum 210KIAS.

CHANGE (4/16): MAG VAR. OBSTACLES. AMLET VOR POL RADIAL.

AERO INFO DATE 20 JAN 16