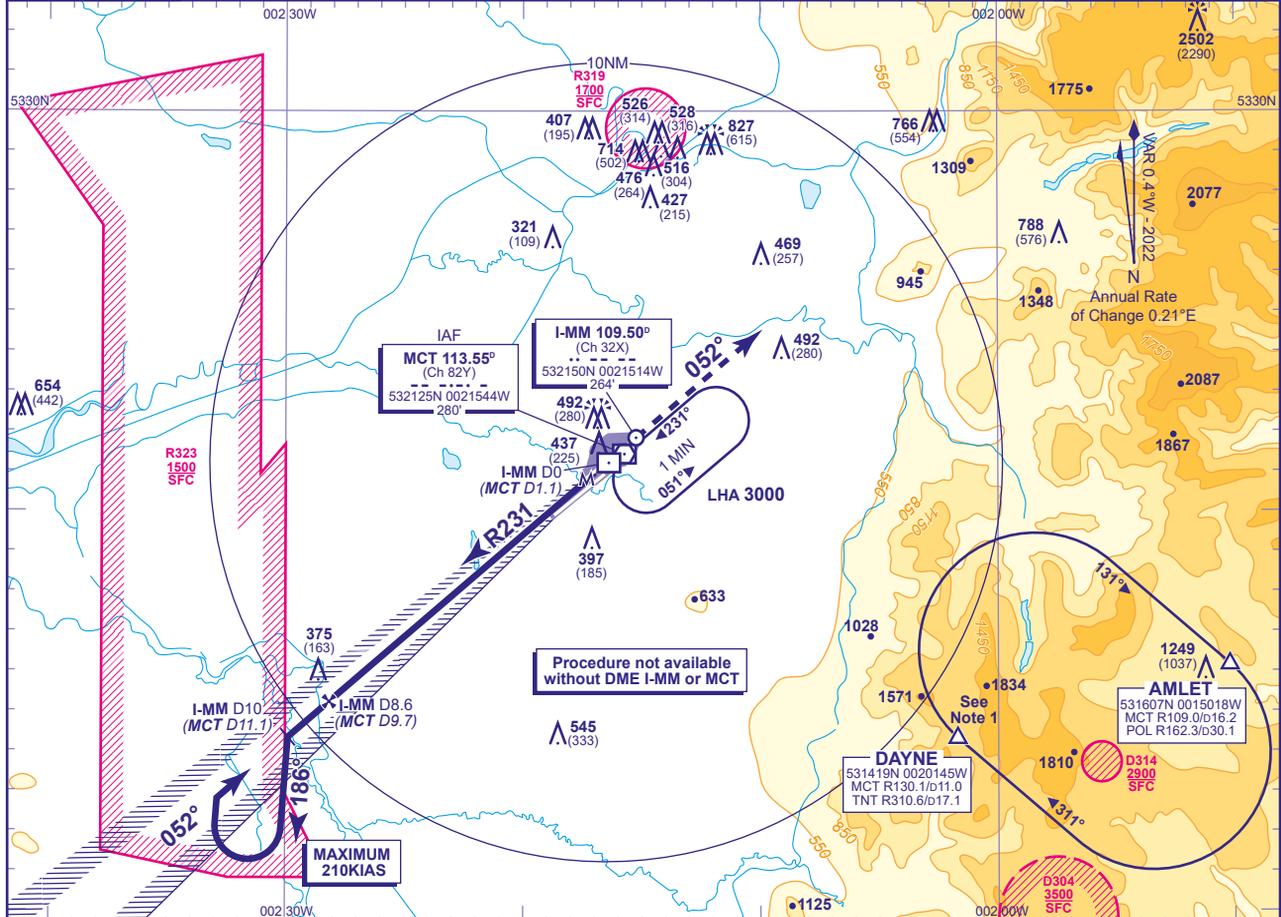




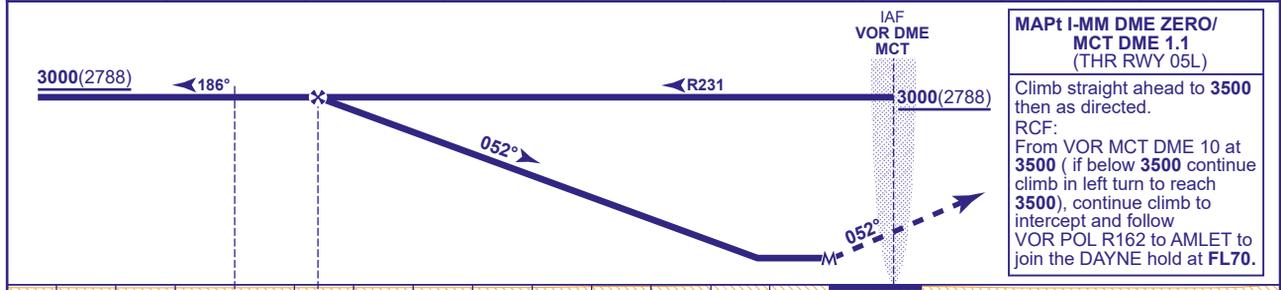
APP	118.580, 135.005	MANCHESTER RADAR	AD ELEVATION	257
	121.355	MANCHESTER DIRECTOR	THR ELEVATION	212
TWR	118.630, 119.405	MANCHESTER TOWER	OBSTACLE ELEVATION	2502 AMSL (2290) (ABOVE THR)
	121.855, 121.705	MANCHESTER GROUND		
ARRIVAL ATIS	128.180	MANCHESTER INFORMATION	BEARINGS ARE MAGNETIC	

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)



D10 (MCT D11.1) D8.6 (MCT D9.7) 0 DME I-MM zero ranged to THR RWY 05L (DME MCT reads 1.1NM at THR RWY 05L)

Aircraft Category		A	B	C	D	Rate of descent	G/S KT	160	140	120	100	80
OCA (OCH)	Procedure	670(458)	670(458)	670(458)	670(458)		FT/MIN	850	740	640	530	420
VM(C)OCA (OCH AAL)	Total Area	790(533)	820(563)	1110(853)	1110(853)							

**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 (2/25):** RESTRICTED AREA R323 ADDED.