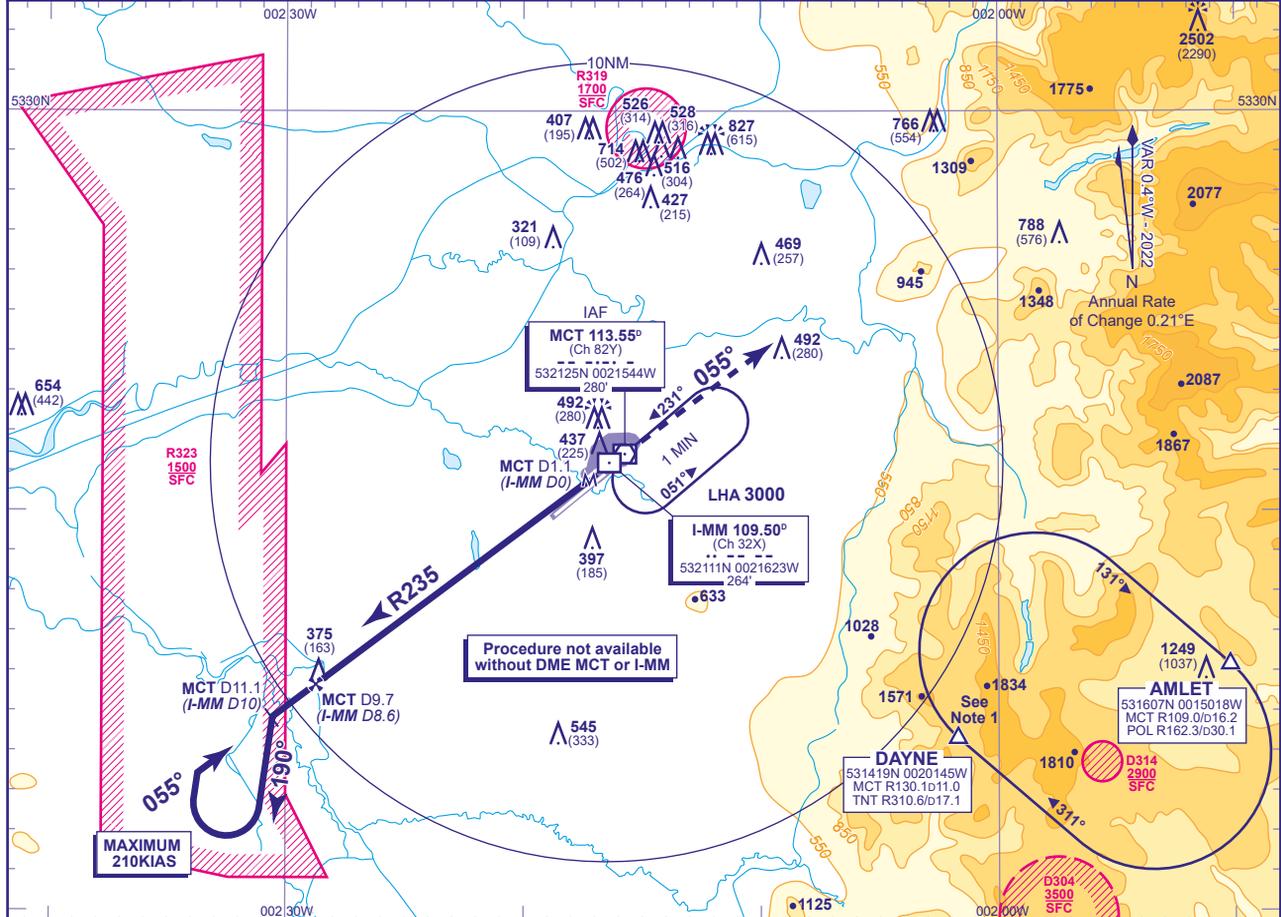




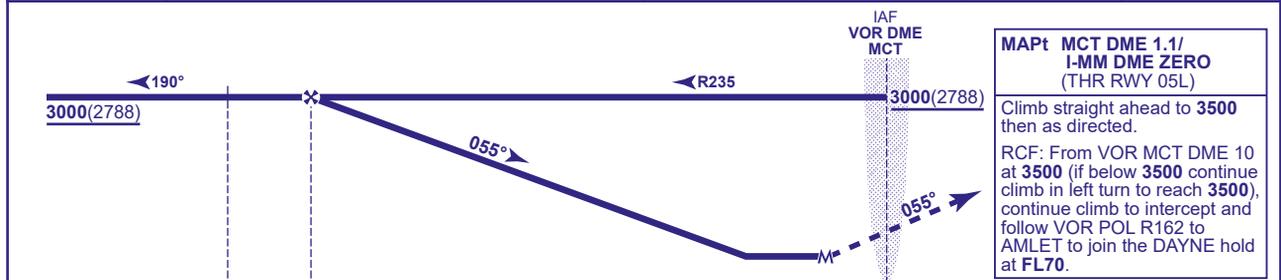
APP	118.580, 135.005	MANCHESTER RADAR	AD ELEVATION	257
		MANCHESTER DIRECTOR	THR ELEVATION	212
TWR	118.630, 119.405	MANCHESTER TOWER	OBSTACLE ELEVATION	2502 AMSL (2290) (ABOVE THR)
		MANCHESTER GROUND		
ARRIVAL ATIS	128.180	MANCHESTER INFORMATION	BEARINGS ARE MAGNETIC	

TRANSITION ALTITUDE
5000



RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

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



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

Aircraft Category		A	B	C	D	Rate of descent	G/S KT				
OCA (OCH)	Procedure	690(478)	690(478)	690(478)	690(478)		FT/MIN	160	140	120	100
VM(C)OCA (OCH AAL)	Total Area	790(533)	820(563)	1110(853)	1110(853)		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 I-MM may be used if DME MCT is not available.
3 FAT offset 4° from RWY C/L and crosses RWY C/L 0.82NM (nominal) before THR RWY 05L.
4 Procedure turns restricted to maximum to 210KIAS.

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