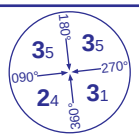
INSTRUMENT APPROACH CHART - ICAO

MANCHESTER VOR/DME RWY 05L

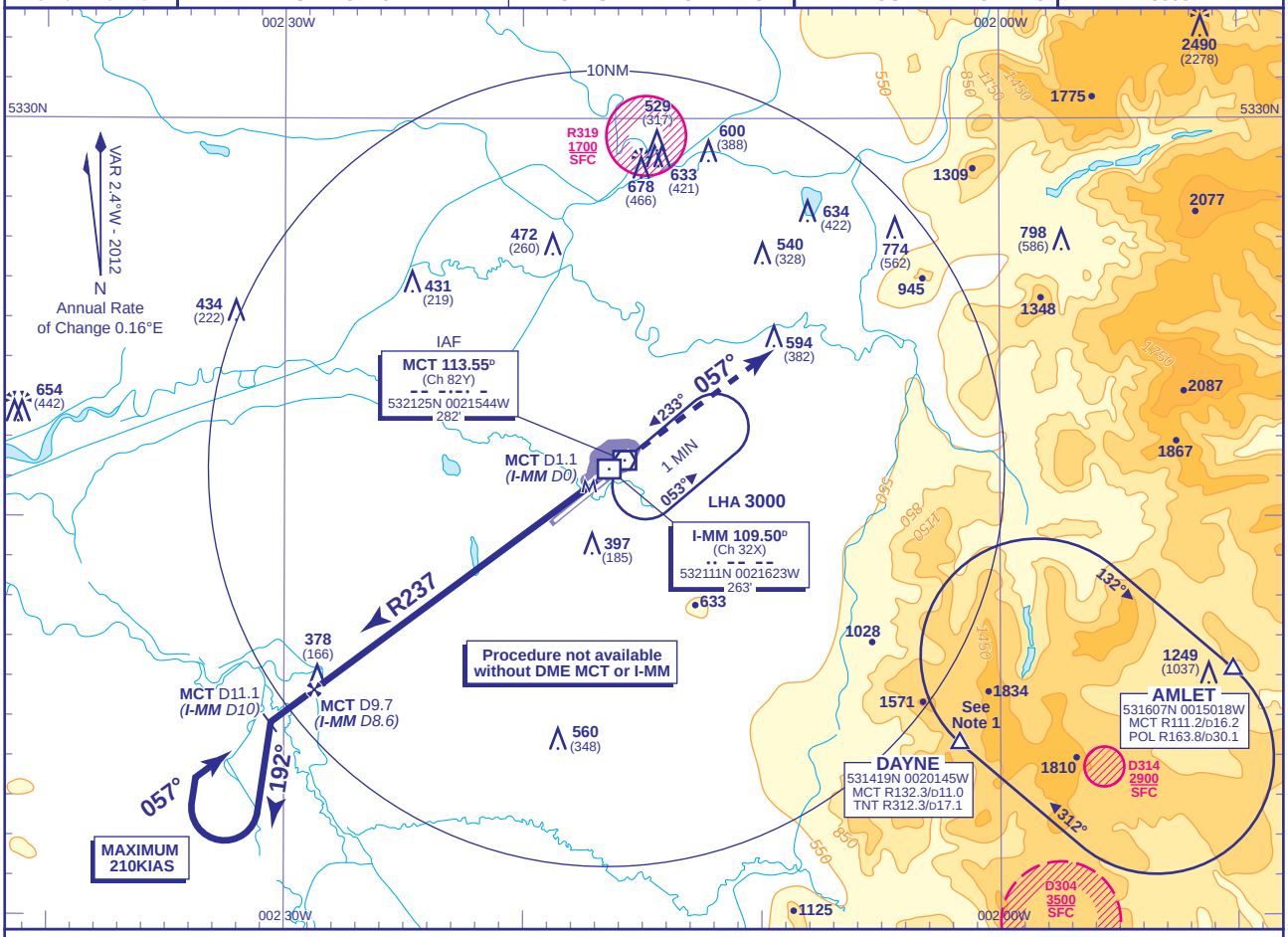
(ACFT CAT A,B,C,D)



MSA 25NM VOR MCT

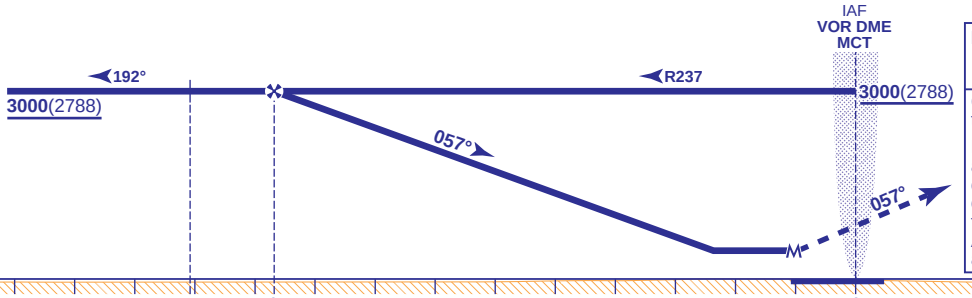
APP	118.575, 135.000	MANCHESTER RADAR	AD ELEVATION	257	
	121.350	MANCHESTER DIRECTOR	THR ELEVATION	212	
TWR	118.625, 119.400	MANCHESTER TOWER	OBSTACLE ELEVATION		
	121.850, 121.700	MANCHESTER GROUND	2490 AMSL (2278) (ABOVE THR)		
ARRIVAL ATIS	128.175	MANCHESTER INFORMATION	BEARINGS ARE MAGNETIC		

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)



MAPt MCT DME 1.1/ I-MM DME ZERO (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 R164 to AMLET to join the DAYNE hold at **FL70**.

DME MCT reads 1.1NM at THR RWY 05L
(***DME I-MM*** *zero ranged to THR RWY 05L)*

Aircraft Category		**A**	**B**	**C**	**D**
OCA (OCH)	**Procedure**	**690**(478)	**690**(478)	**690**(478)	**690**(478)
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 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 (7/12): MAG VAR. ANNUAL RATE OF CHANGE. AMLET & DAYNE REPORTING POINTS. PROCEDURE. DAYNE HOLD. OCA(OCH).

AERO INFO DATE 17 APR 12