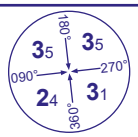
INSTRUMENT APPROACH CHART - ICAO

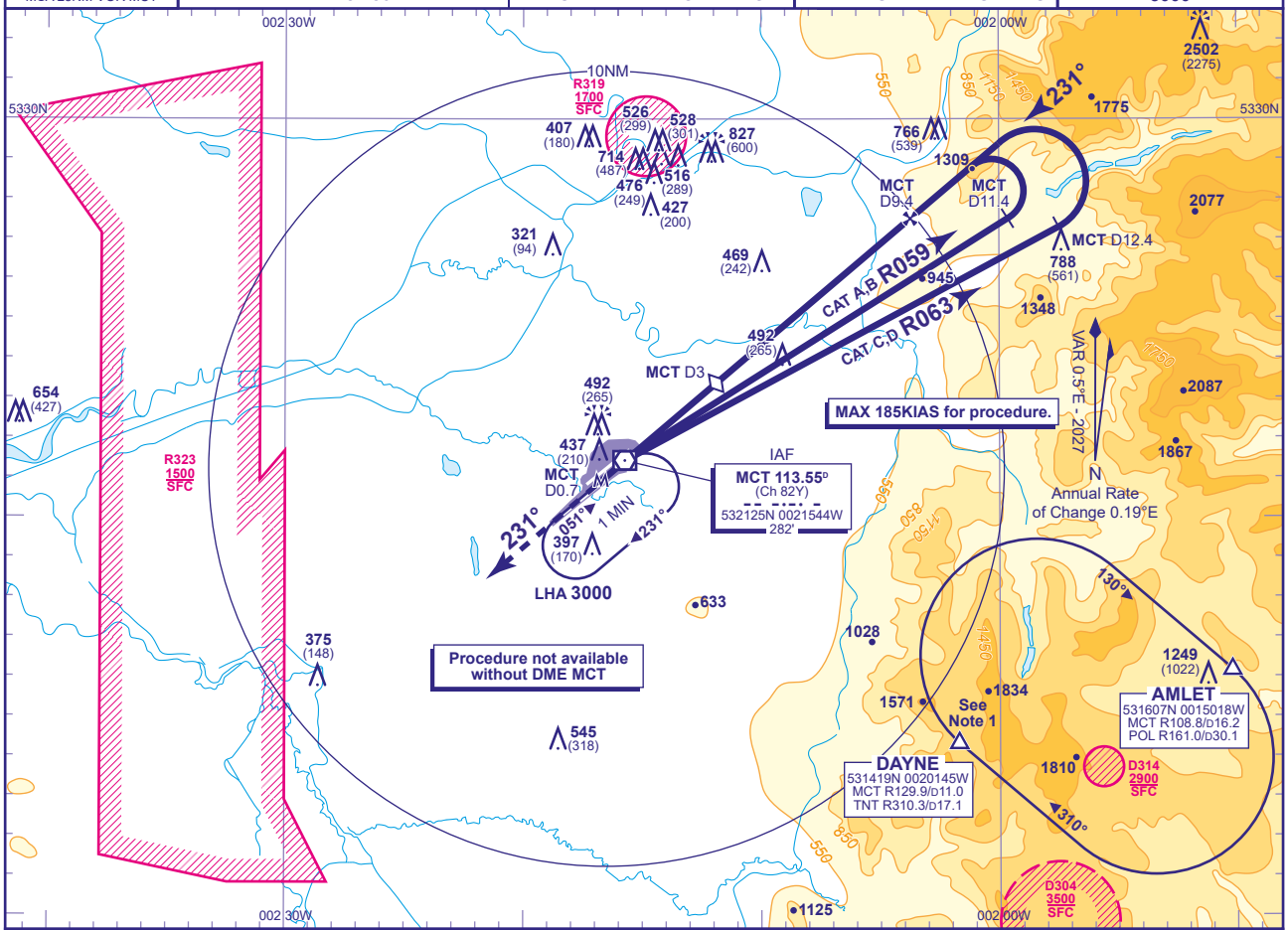
MANCHESTER VOR/DME RWY 23L
(ACFT CAT A,B,C,D)



MSA 25NM VOR MCT

APP	118.580, 135.005	MANCHESTER RADAR	AD ELEVATION	257	
	121.355	MANCHESTER DIRECTOR	THR ELEVATION	227	
TWR	118.630, 119.405	MANCHESTER TOWER	OBSTACLE ELEVATION	2502 AMSL (2275) (ABOVE THR)	
	121.855, 121.705	MANCHESTER GROUND			
ARRIVAL ATIS	128.180	MANCHESTER INFORMATION	BEARINGS ARE MAGNETIC		

TRANSITION ALTITUDE **5000**



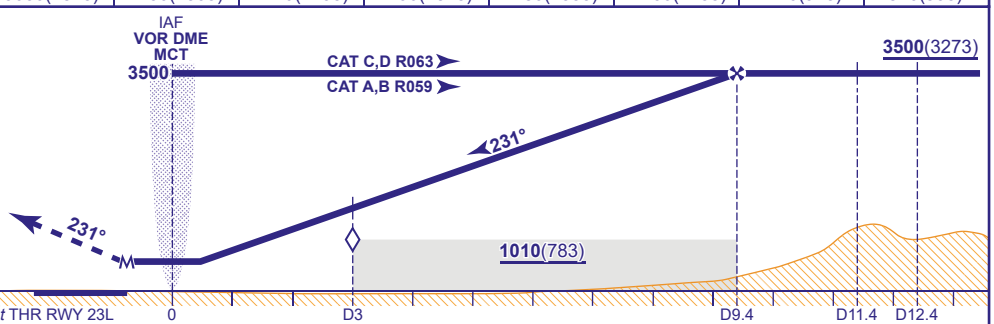
RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

DME MCT	9	8	7	6	5	4	3(SDF)	2	1
ALT(HGT)	**3370**(3143)	**3050**(2823)	**2730**(2503)	**2420**(2193)	**2100**(1873)	**1780**(1553)	**1460**(1233)	**1140**(913)	**820**(593)

MAPt MCT DME 0.7
(THR RWY 23L)

Climb straight ahead to **3500** continue as directed.

RCF: From VOR MCT DME 10 at **3500**, (if below **3500** continue climb in left turn to **3500**), turn left onto track 068° continuing climb to **FL70** to join the DAYNE hold.



Aircraft Category		A	B	C	D
OCA (OCH)	Procedure	**690**(463)	**690**(463)	**690**(463)	**690**(463)
VM(C)OCA (OCH AAL)	Total Area	**790**(533)	**820**(563)	**1110**(853)	**1110**(853)

Rate of descent	G/S KT	160	140	120	100	80
	FT/MIN	850	750	640	530	430

NOTE 1 DAYNE HOLD:- Limiting outbound distance MCT DME 16/TNT DME 14. Minimum holding level is FL70.
2 Procedure restricted to maximum 185KIAS.

CHANGE (12/25): MCT VOR RECALIBRATED. MAG VAR. WAYPOINT RADIALS.