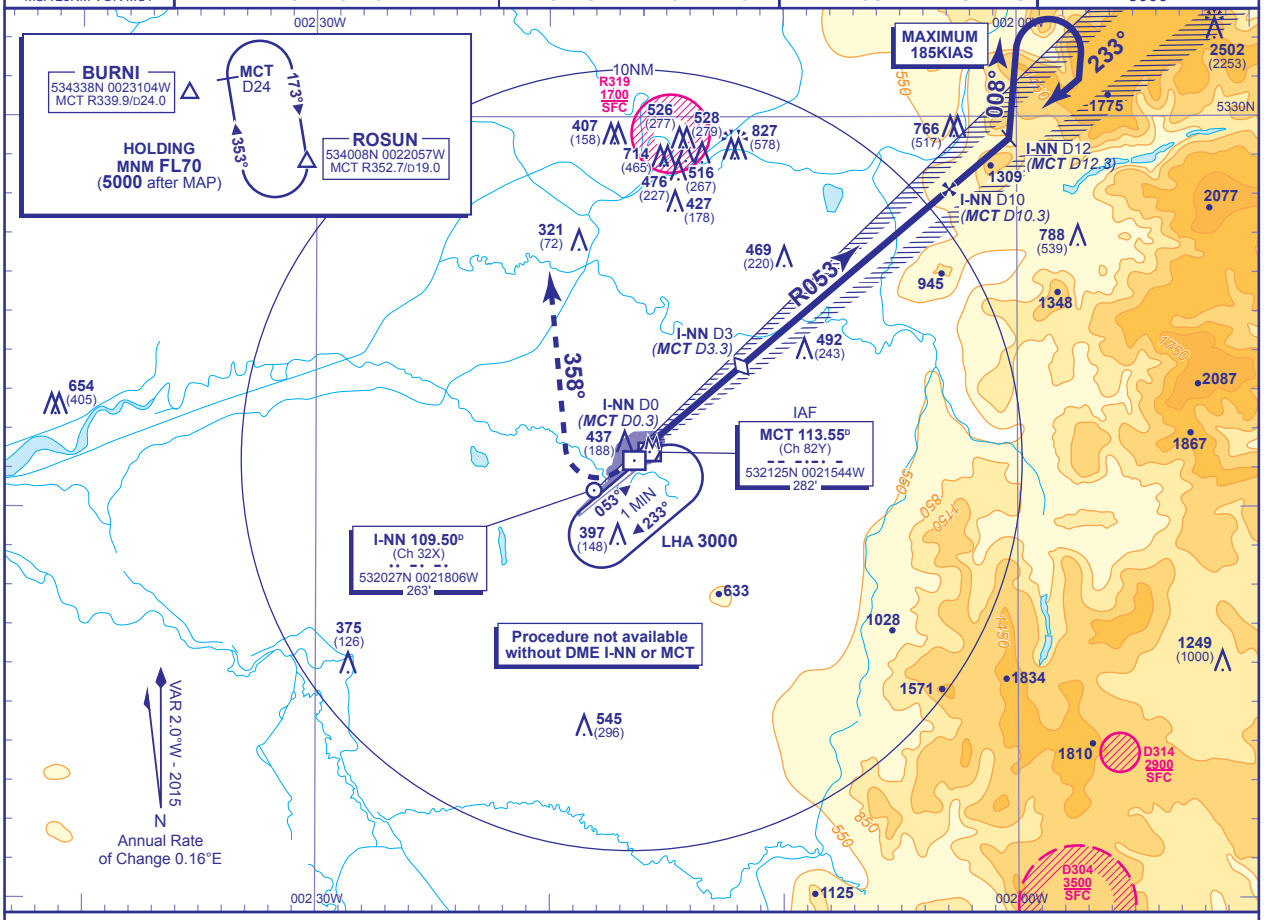
INSTRUMENT APPROACH CHART - ICAO

MANCHESTER LOC/DME RWY 23R
(ACFT CAT A,B,C,D)

MSA 25NM VOR MCT (3₅ 3₅ 2₄ 3₁)	APP	118.575, 135.000	MANCHESTER RADAR	AD ELEVATION	257
		121.350	MANCHESTER DIRECTOR	THR ELEVATION	249
	TWR	118.625, 119.400	MANCHESTER TOWER	OBSTACLE ELEVATION 2502 AMSL (2253) (ABOVE THR)	
		121.850, 121.700	MANCHESTER GROUND		
	ARRIVAL ATIS	128.175	MANCHESTER INFORMATION	BEARINGS ARE MAGNETIC	

TRANSITION ALTITUDE 5000



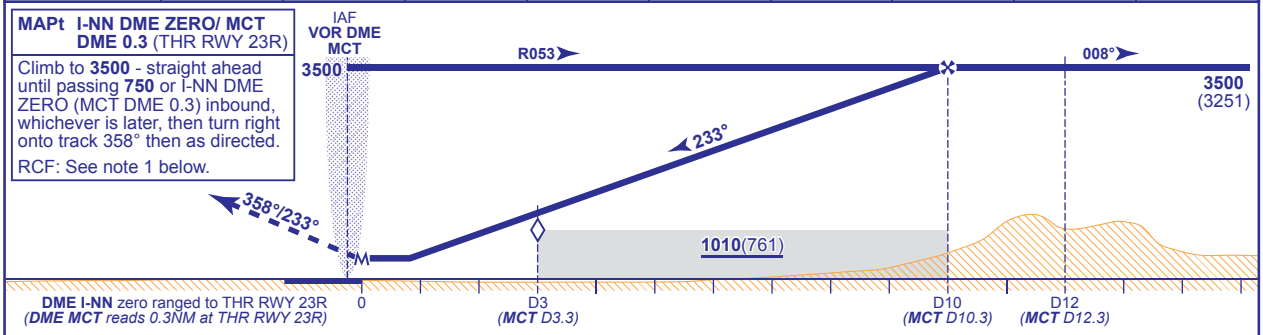
RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

DME I-NN(MCT)	9(9.3)	8(8.3)	7(7.3)	6(6.3)	5(5.3)	4(4.3)	3(3.3) (SDF)	2(2.3)	1(1.3)
ALT(HGT)	3180(2931)	2860(2611)	2540(2291)	2220(1971)	1900(1651)	1580(1331)	1260(1011)	940(691)	620(371)

MAPt I-NN DME ZERO/ MCT DME 0.3 (THR RWY 23R)

Climb to **3500** - straight ahead until passing **750** or I-NN DME ZERO (MCT DME 0.3) inbound, whichever is later, then turn right onto track 358° then as directed.

RCF: See note 1 below.



Aircraft Category		A	B	C	D
OCA (OCH)	Procedure	640(391)	640(391)	640(391)	640(391)
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	750	640	530	430

NOTE 1 In the event of RCF follow the standard MAP on to track 358°. At MCT DME 10 turn direct to BURNI (MCT R340/MCT DME 24) climbing to **5000** to enter the ROSUN hold. Aircraft unable to make **3500** before MCT DME 10, commence climbing turn left to **3500** at MCT DME 10. At **3500** or above continue left turn and proceed direct to BURNI.

2 DME MCT may be used if DME I-NN is not available.

3 Procedure turns restricted to maximum 185KIAS.

CHANGE (4/16): MAG VAR. OBSTACLES.

AERO INFO DATE 19 JAN 16