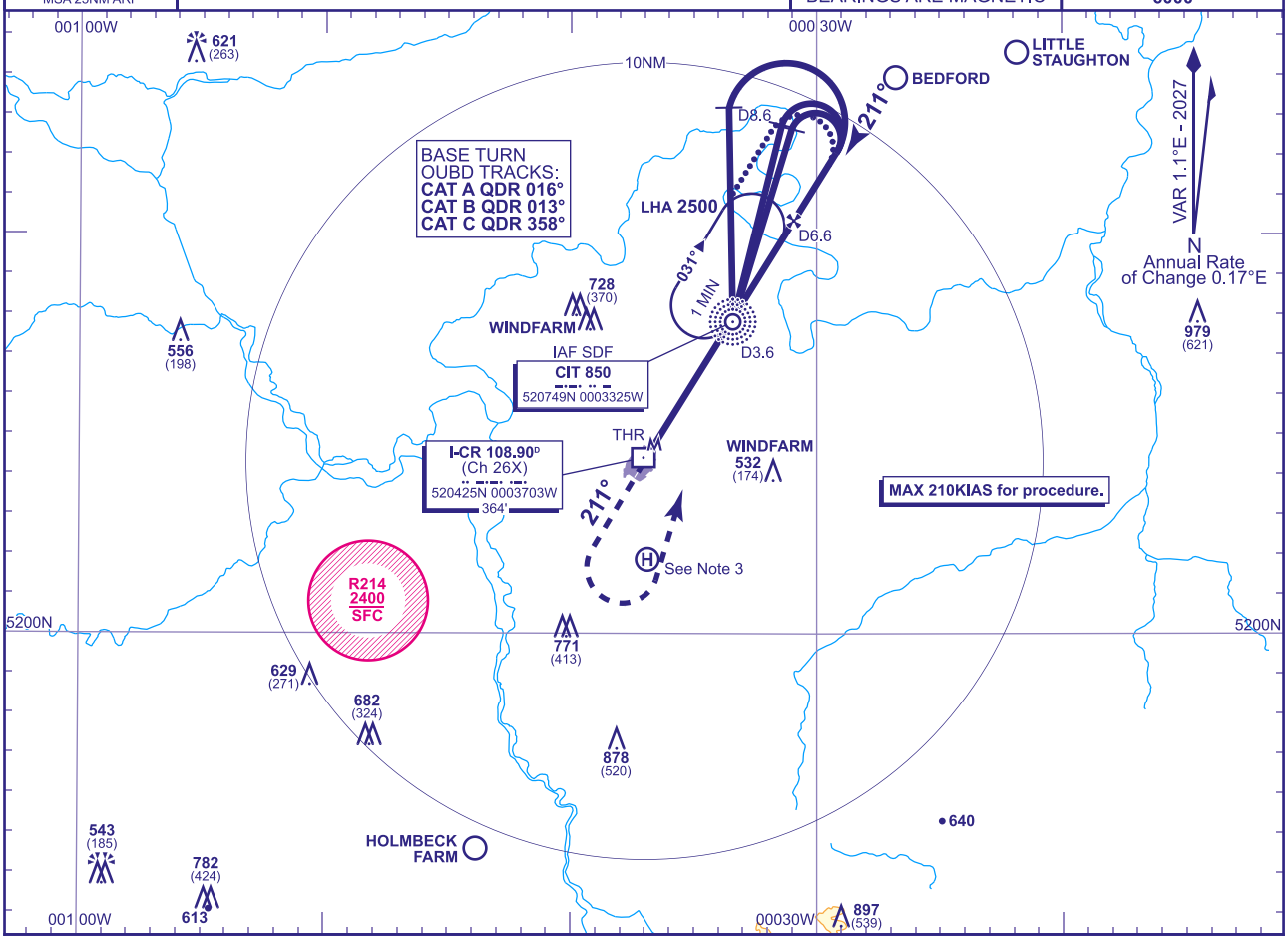
INSTRUMENT APPROACH CHART - ICAO

CRANFIELD NDB(L)/DME RWY 21

(ACFT CAT A,B,C)

MSA 25NM ARP	APP 122.855	CRANFIELD APPROACH	AD ELEVATION 360
	TWR 134.930, 122.855	CRANFIELD TOWER	THR ELEVATION 358
			OBSTACLE ELEVATION 979 AMSL (621) (ABOVE THR)
			BEARINGS ARE MAGNETIC
			TRANSITION ALTITUDE 6000

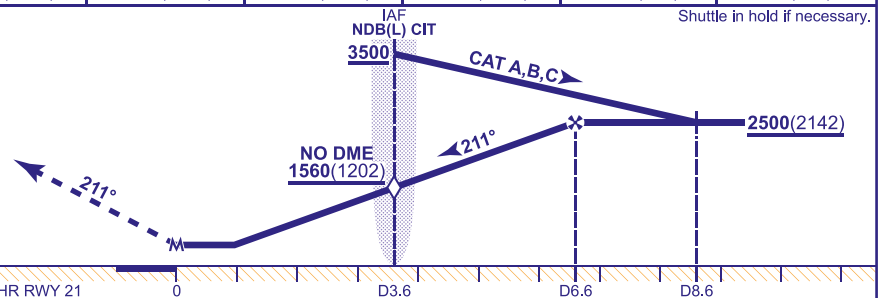


RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

DME I-CR	6	5	4	3.6 (SDF)	3	2	1
ALT(HGT)	**2310**(1952)	**1990**(1632)	**1680**(1322)	**1560**(1202)	**1360**(1002)	**1040**(682)	**730**(372)

MAPt DME I-CR ZERO (THR RWY 21)
(3.64NM after NDB(L) CIT)

Climb straight ahead to **1500**, then climbing left turn to **2500** to join the **NDB(L) CIT** hold.



Aircraft Category		A	B	C
OCA (OCH)	Procedure	**690**(332)	**690**(332)	**690**(332)
VM(C)OCA (OCH AAL)	Total Area	**800**(440)	**970**(610)	**1150**(790)

Rate of descent	G/S KT	160	140	120	100	80
	FT/MIN	860	750	640	540	430
NDB(L) CIT to MAPt	MIN:SEC	1:25	1:35	1:50	2:12	2:46

ALTERNATIVE PROCEDURE EXTENDED HOLDING PATTERN
Extend the outbound leg of the NDB(L) CIT holding pattern to D8.6; descending to **2500**(2142), then turn right to intercept the FAT. Continue as for main Procedure.

AIRCRAFT UNABLE TO RECEIVE DME
Fly outbound prior to baseturn or extend outbound leg of the NDB(L) CIT hold for 2.5MIN (CAT A); 2MIN (CAT B); 1.5MIN (CAT C) descending to **2500**(2142). Then turn right to intercept the FAT. When established inbound descend not below **1560**(1202) at the SDF (NDB(L) CIT), then to MDH.

NOTES
1 ATC will normally require holding **not below 3500**. Lowest altitude to commence procedure after missed approach is **2500**.
2 CIT NDB(L) hold restrictions: MAX holding level **5000**, MAX 180KIAS.
3 Occasional helicopter activity at Helimech Helipad (520152N 0003653W).

CHANGE (13/25): MAG INFO REVISED. MAG HEADINGS.