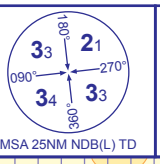
INSTRUMENT APPROACH CHART - ICAO

DURHAM TEES VALLEY ILS/DME/NDB(L) RWY 23
(ACFT CAT A,B,C,D)

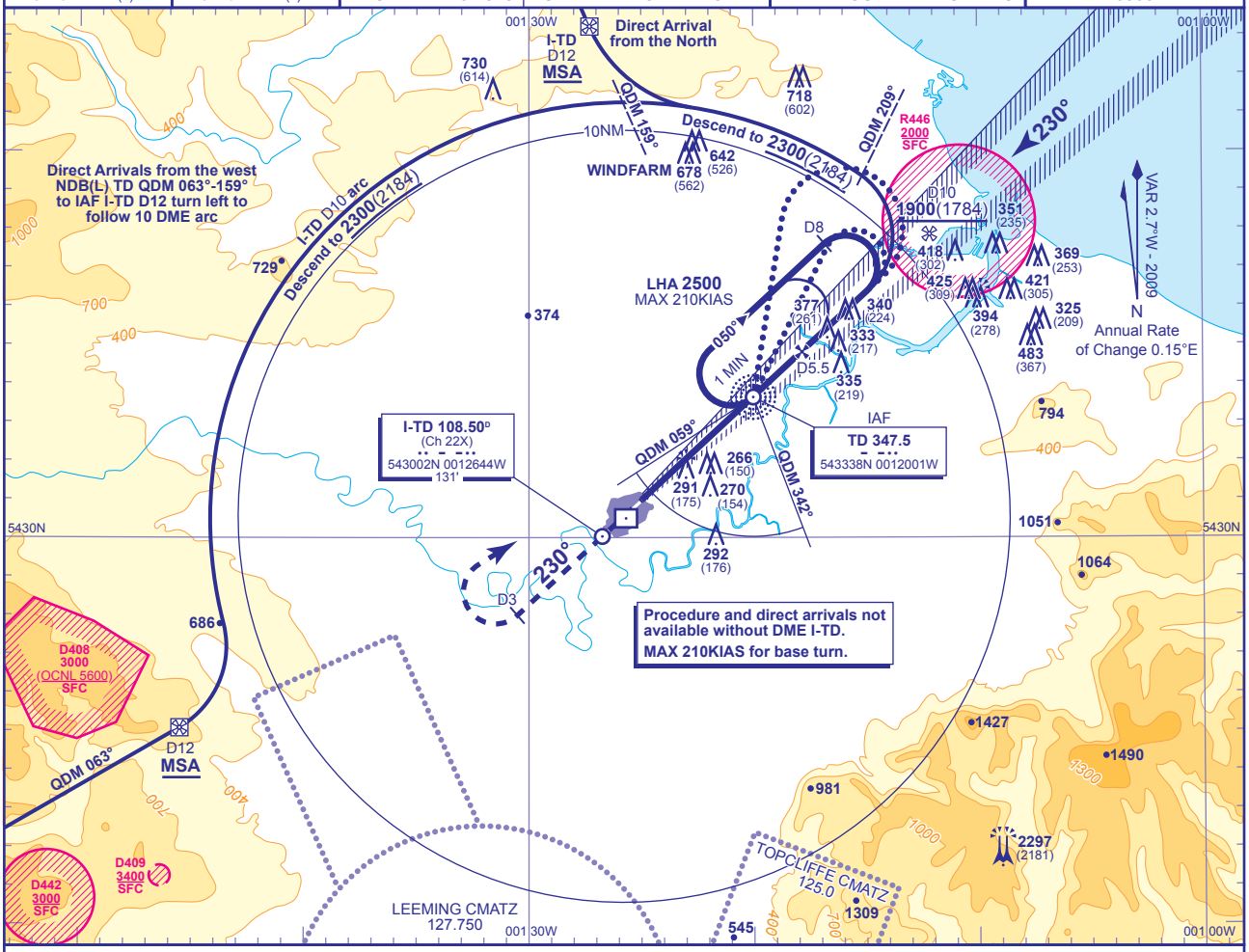


MSA 25NM NDB(L) TD

MSA 10NM NDB(L) TD

APP	118.850	DURHAM APPROACH	AD ELEVATION	120	
TWR	119.800	DURHAM TOWER	THR ELEVATION	116	
RAD	118.850	DURHAM RADAR	OBSTACLE ELEVATION		
RAD/SRAS	128.850	DURHAM DIRECTOR	2297 AMSL (2181) (ABOVE THR)		
ATIS	132.375	DURHAM INFORMATION	BEARINGS ARE MAGNETIC		

TRANSITION ALTITUDE **6000**



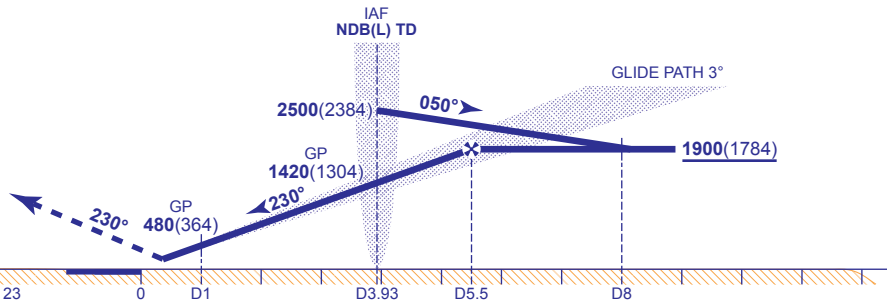
RECOMMENDED PROFILE GLIDE PATH 3°, 318FT/NM

DME I-TD	5	4	3	2	1
ALT(HGT)	**1760**(1644)	**1440**(1324)	**1120**(1004)	**800**(684)	**480**(364)

RDH 50

Arrival **not below MSA**.

Climb straight ahead to **1000** or **I-TD** D3 outbound whichever is later then turn right to return to **NDB(L) TD** to enter hold **not below 2500** or as directed.



Aircraft Category		A	B	C	D
OCA (OCH)	CAT I	**258**(142)	**268**(152)	**280**(164)	**294**(178)
VM(C)OCA (OCH AAL)	Total Area	**590**(470)	**620**(500)	**800**(680)	**810**(690)

Rate of descent	G/S KT	160	140	120	100	80
	FT/MIN	850	740	640	530	420

ALTERNATIVE PROCEDURE
Arrival overhead NDB(L) TD **not below MSA**, only from within sector entry between NDB(L) TD QDM 342° and NDB(L) TD QDM 059° fly outbound on NDB(L) TD QDR 029° CAT A,B and NDB(L) TD QDR 012° CAT C,D descending **not below 1900**(1784). At I-TD DME 8 baseturn right to intercept the LOC, continue as for main procedure.

NOTE 1 No sector 1 entries to racetrack authorised.
2 Direct/arc arrivals only available with ATC clearance.

CHANGE: MAG VAR. D408.

AERO INFO DATE 26 NOV 09