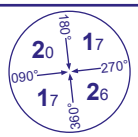
INSTRUMENT APPROACH CHART - ICAO

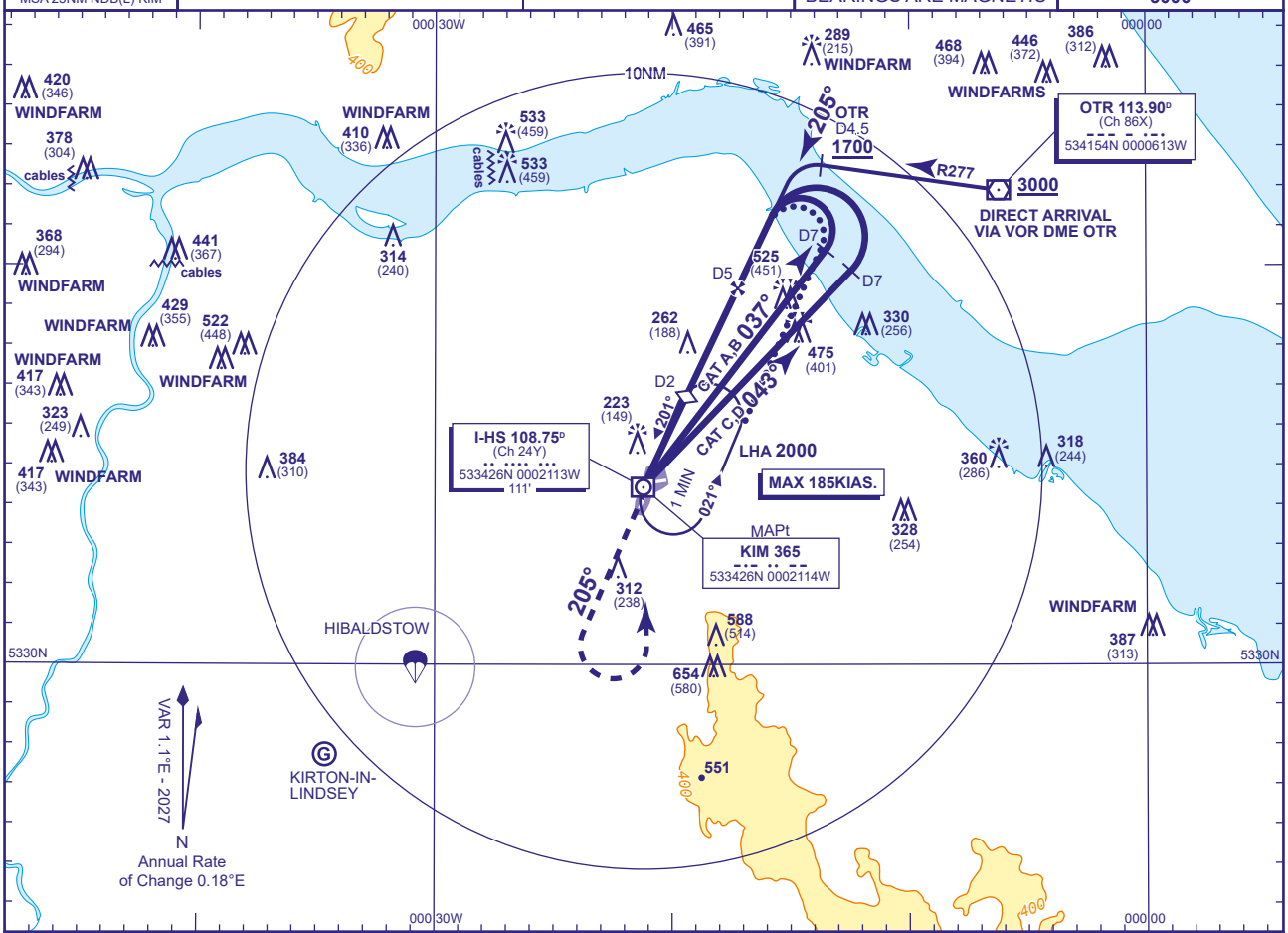
HUMBERSIDE
NDB(L)/DME
RWY 20
(ACFT CAT A,B,C,D)



MSA 25NM NDB(L) KIM

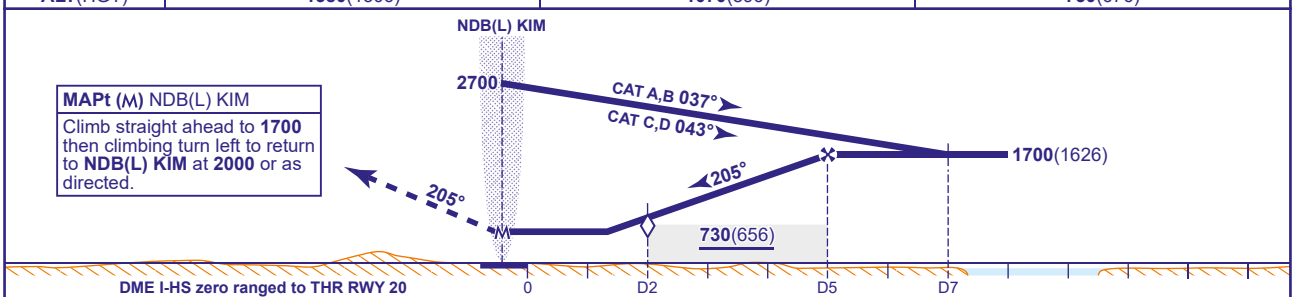
APP	119.130	HUMBERSIDE APPROACH	AD ELEVATION	121
TWR	124.905, 119.130	HUMBERSIDE TOWER	THR ELEVATION	74
RAD	119.130, 129.255	HUMBERSIDE RADAR	OBSTACLE ELEVATION	654 AMSL (580) (ABOVE THR)
ATIS	124.130	HUMBERSIDE INFORMATION	BEARINGS ARE MAGNETIC	

TRANSITION ALTITUDE **3000**



RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

DME I-HS	4	3	2 **(SDF)**
ALT(HGT)	**1380**(1306)	**1070**(896)	**750**(676)



MAPt (M) NDB(L) KIM

Climb straight ahead to **1700** then climbing turn left to return to **NDB(L) KIM** at **2000** or as directed.

Aircraft Category		**A**	**B**	**C**	**D**
OCA (OCH)	**WITH DME**	**550**(476)	**550**(476)	**550**(476)	**550**(476)
	NO DME	**800**(726)	**800**(726)	**800**(726)	**800**(726)
VM(C)OCA (OCH AAL)	**Total Area DME**	**690**(569)	**690**(569)	**990**(869)	**1050**(929)
	Total Area NO DME	**800**(679)	**800**(679)	**990**(869)	**1050**(929)

Rate of descent						
G/S KT	160	140	120	100	80
FT/MIN	860	750	640	540	430

ALTERNATIVE PROCEDURE EXTENDED HOLDING PATTERN
Overhead NDB(L) KIM at **2700** in holding pattern, turn left and descend on the extended outbound leg to **1700**(1626). At I-HS DME 7 turn left to intercept FAT inbound. When established continue as for Main Procedure.

DIRECT ARRIVAL VIA VOR DME OTR (Subject to ATC approval)
Overhead VOR DME OTR **not below 3000,** depart on R277 descending to **1700**(1626)**.** At OTR DME 4.5 turn left to intercept extended FAT. When established continue as for Main Procedure.

AIRCRAFT UNABLE TO RECEIVE DME I-HS
As for Main and Alternative Procedures with DME except fly outbound for 3MIN (CAT A,B); 2MIN (CAT C,D) prior to base turn. When established on FAT descend to MDH.

NOTE Lowest altitude to commence procedure from hold is **2000.**

CHANGE (13/25): MAG VAR UPDATED. PAGE RENUMBERED.