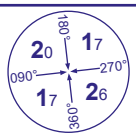
INSTRUMENT APPROACH CHART - ICAO

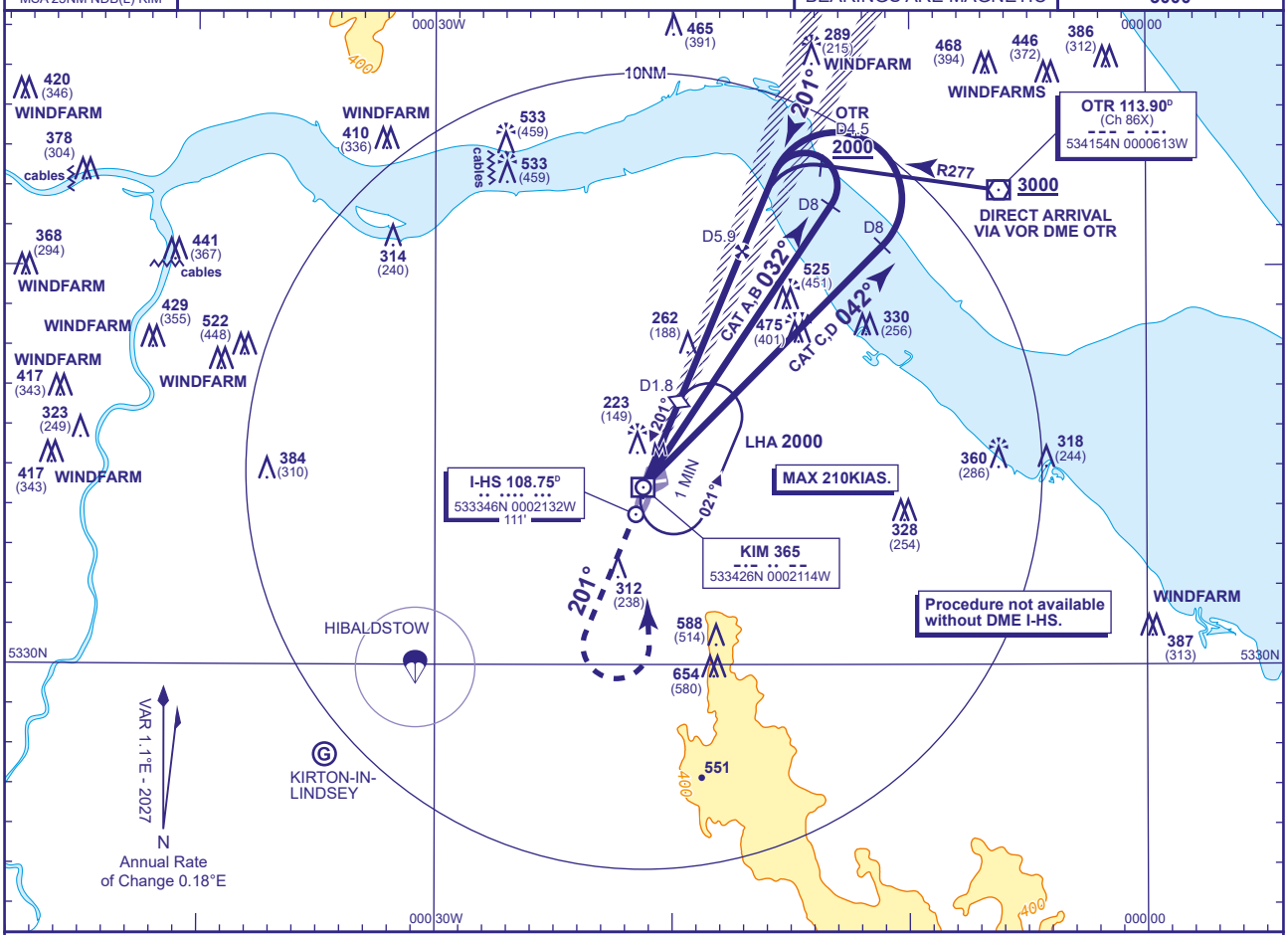
HUMBERSIDE LOC/DME/NDB(L) RWY 20
(ACFT CAT A,B,C,D)



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**

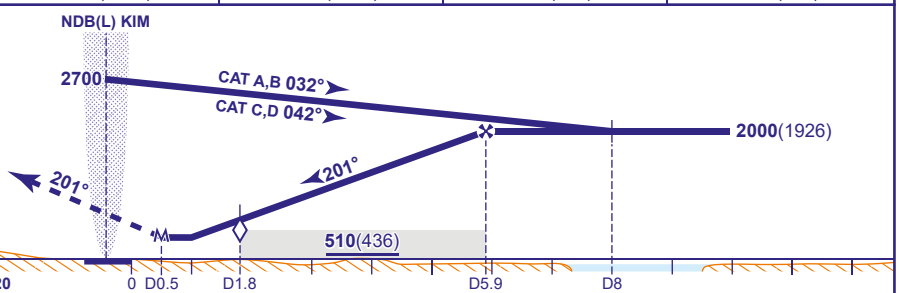


RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

DME I-HS	5	4	3	1.8 **(SDF)**	1
ALT(HGT)	**1710**(1636)	**1400**(1326)	**1080**(1006)	**700**(614)	**450**(376)

MAPt (M) I-HS DME 0.5

Climb straight ahead to **1700** or **I-HS DME 2** whichever is the later, then climbing turn left to return to **NDB(L) KIM** at **2000** or as directed.



DME I-HS zero ranged to THR RWY 20

Aircraft Category		A	B	C	D
OCA (OCH)	Procedure	**460**(386)	**460**(386)	**460**(386)	**460**(386)
VM(C)OCA (OCH AAL)	Total Area	**690**(569)	**690**(569)	**990**(869)	**1050**(929)

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

DIRECT ARRIVAL VIA VOR DME OTR (Subject to ATC approval)
Overhead VOR DME OTR **not below 3000,** depart on R277 descending **not below 2000.** At OTR DME 4.5 left turn to intercept LOC inbound. When established continue as for Main Procedure.

NOTE 1 Lowest altitude to commence procedure from hold is **2000.**

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