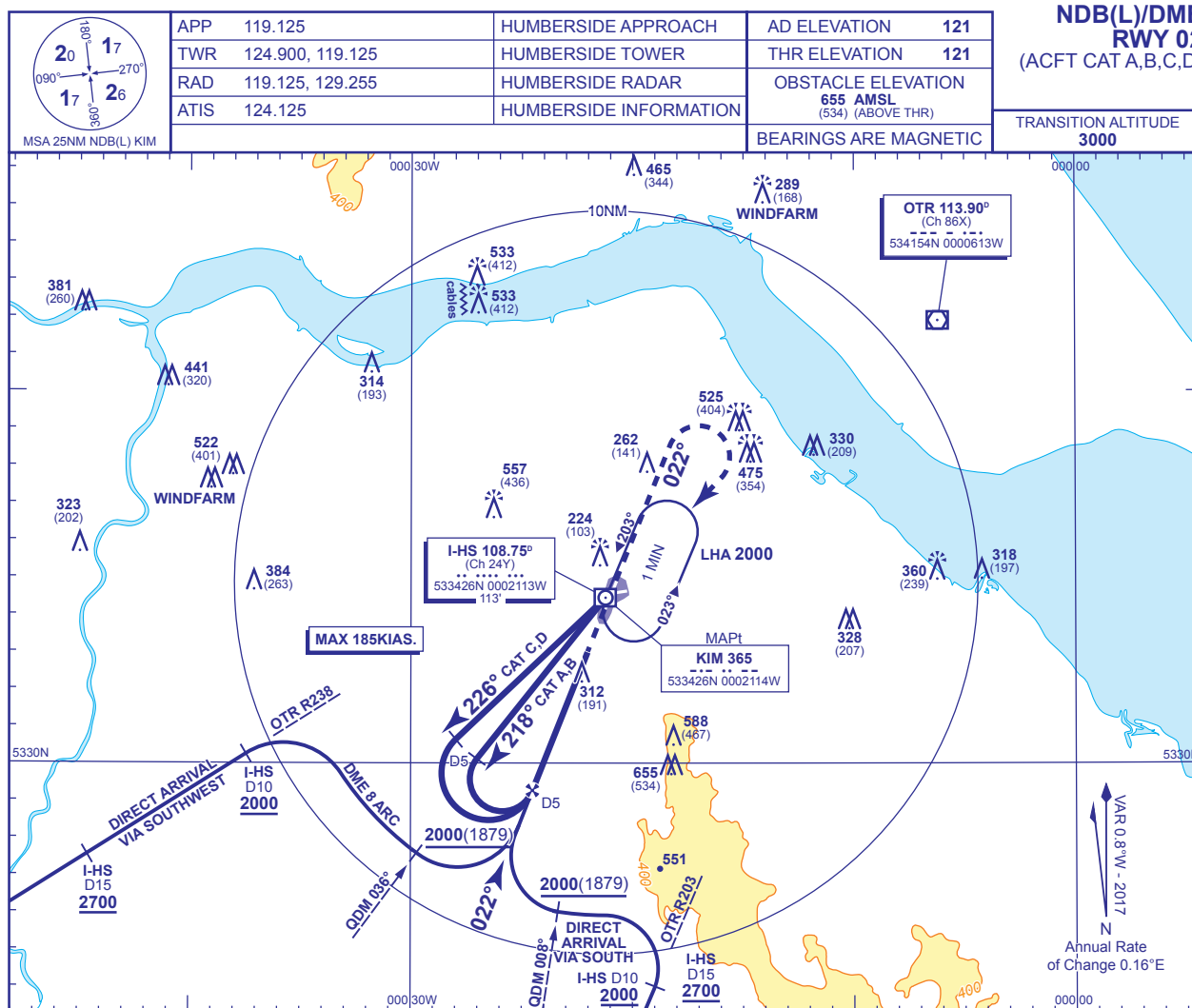
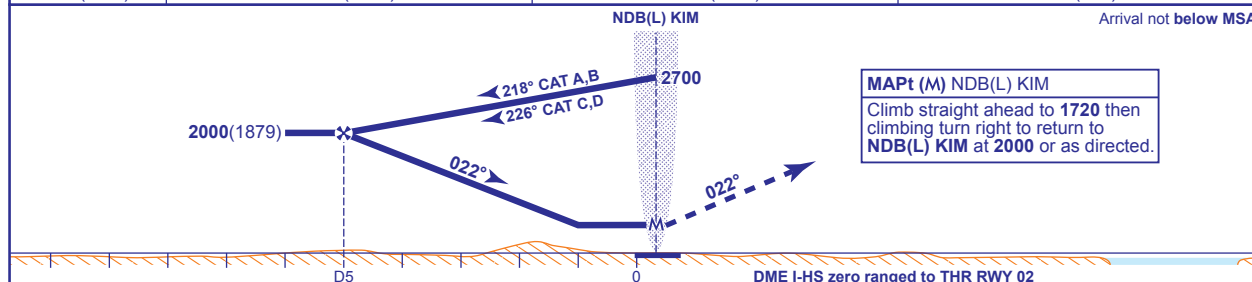


INSTRUMENT APPROACH CHART - ICAO

**HUMBERSIDE
NDB(L)/DME
RWY 02**
(ACFT CAT A,B,C,D)



RECOMMENDED PROFILE Gradient 6%, 360FT/NM			
DME I-HS	4	3	2
ALT(HGT)	1640(1519)	1270(1149)	910(789)



Aircraft Category		A	B	C	D	Rate of descent	G/S KT	160	140	120	100	80
OCA (OCH)	WITH DME	590(469)	590(469)	590(469)	590(469)		FT/MIN	970	850	720	610	490
	NO DME	640(519)	640(519)	640(519)	640(519)							
VM(C)OCA (OCH AAL)	Total Area	670(549)	670(549)	990(869)	1050(929)							

AIRCRAFT UNABLE TO RECEIVE DME I-HS

As for procedure with DME except substitute timings for outbound legs 2.2MIN (CAT A,B); 1.7MIN (CAT C,D) prior to base turn. When established descend to MDP.

DIRECT ARRIVAL PROCEDURES (Subject to ATC approval). For aircraft able to receive VOR DME OTR and DME I-HS in addition to NDB(L) KIM.

DIRECT ARRIVAL FROM SOUTH
Arrival **not below MSA** to intercept and establish on OTR VOR R203 (QDM 023°). After passing I-HS DME 15 descent **not below 2000**. See plan for continuation.

DIRECT ARRIVAL FROM SOUTHWEST

Arrival **not below** MSA to intercept and establish on OTR VOR R238 (QDM 058°). After passing I-HS DME 15 descent **not below** 2000. See plan for continuation.

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

CHANGE (1/17): MAG TRACKS AND BEARINGS, OCA(OCH), VM(C)OCA CAT A B, OBSTACLES, MAG VAR, ANNUAL RATE OF CHANGE.

AERO INFO DATE 24 OCT 16