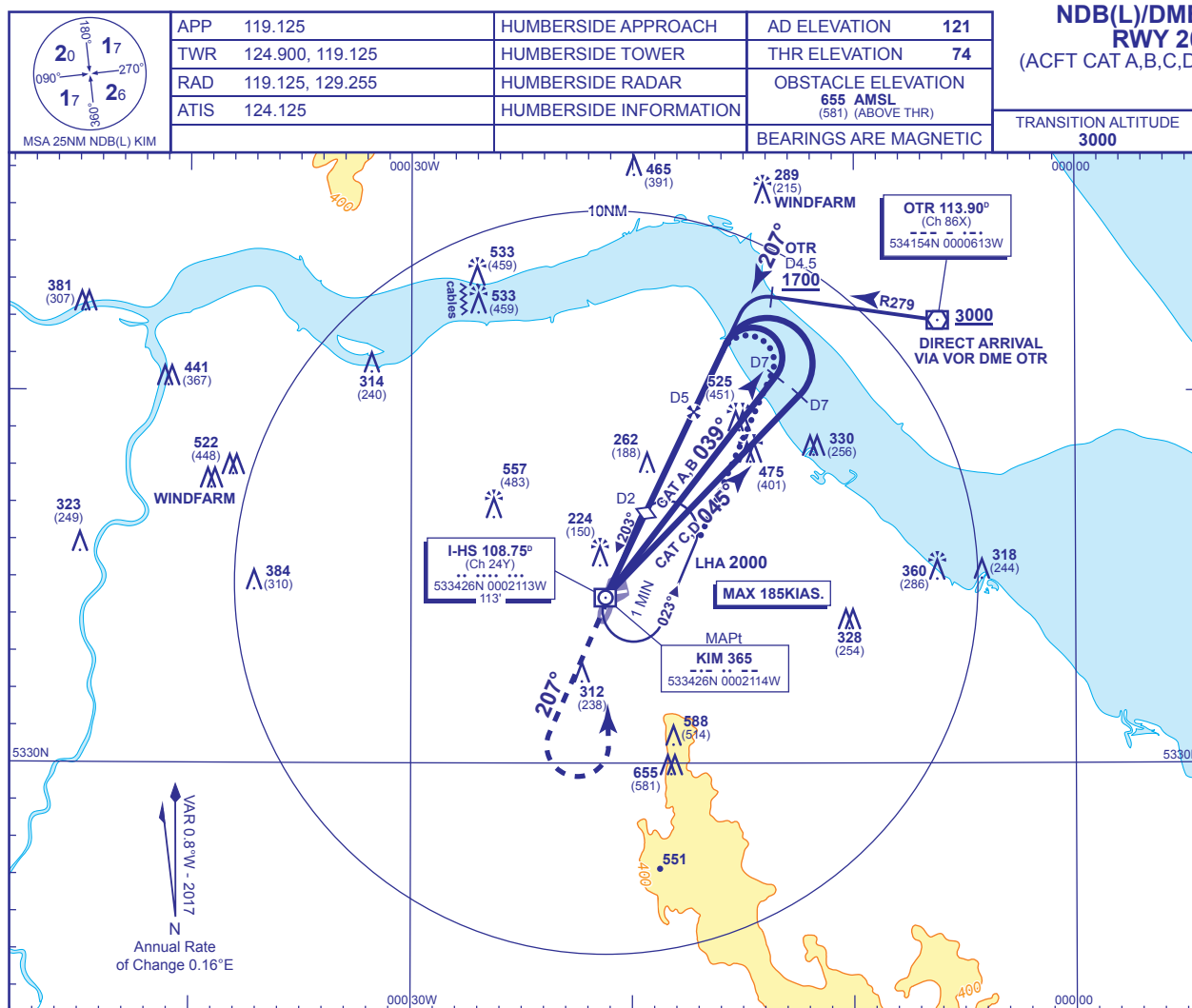


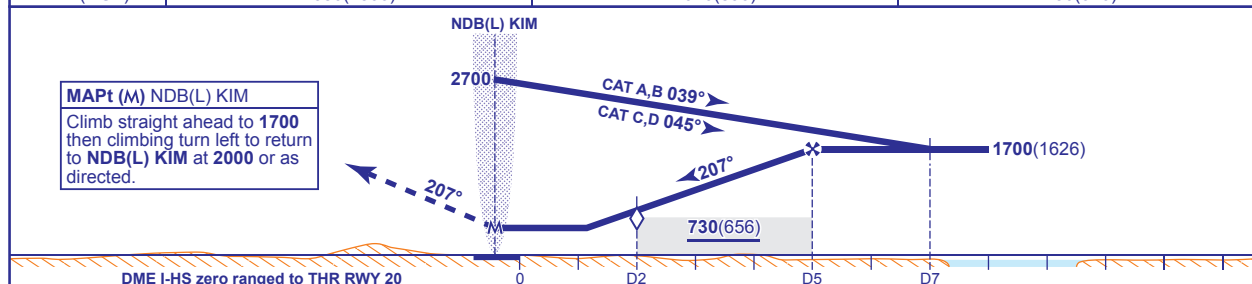
INSTRUMENT APPROACH CHART - ICAO

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



RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

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



Aircraft Category		A	B	C	D	Rate of descent	G/S KT	160	140	120	100	80
OCA (OCH)	WITH DME	490(416)	490(416)	490(416)	490(416)		FT/MIN	860	750	640	540	430
	NO DME	770(696)	770(696)	770(696)	770(696)							
VM(C)OCA (OCH AAL)	Total Area DME	670(549)	670(549)	990(869)	1050(929)							
	Total Area NO DME	800(679)	800(679)	990(869)	1050(929)							

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 R279 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 (1/17): MAG TRACKS AND BEARINGS. OCA(OCH) NO DME. VM(C)OCA WITH DME CAT A B. OBSTACLES. MAG VAR. ANNUAL RATE OF CHANGE.

AERO INFO DATE 24 OCT 16