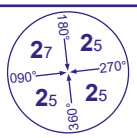
INSTRUMENT APPROACH CHART - ICAO

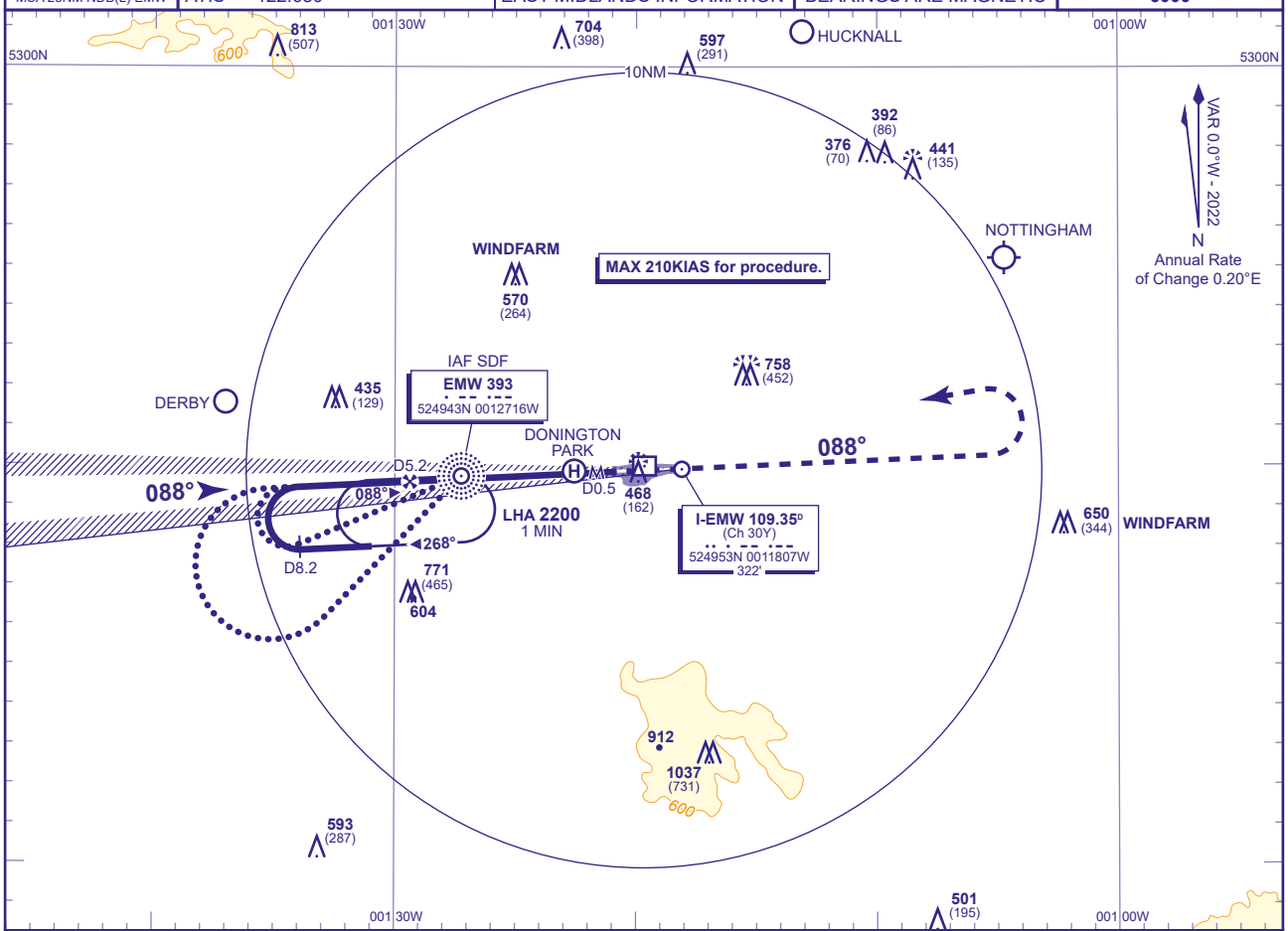
EAST MIDLANDS
LOC/DME/NDB(L)
RWY 09
(ACFT CAT A,B,C,D)



MSA 25NM NDB(L) EMW

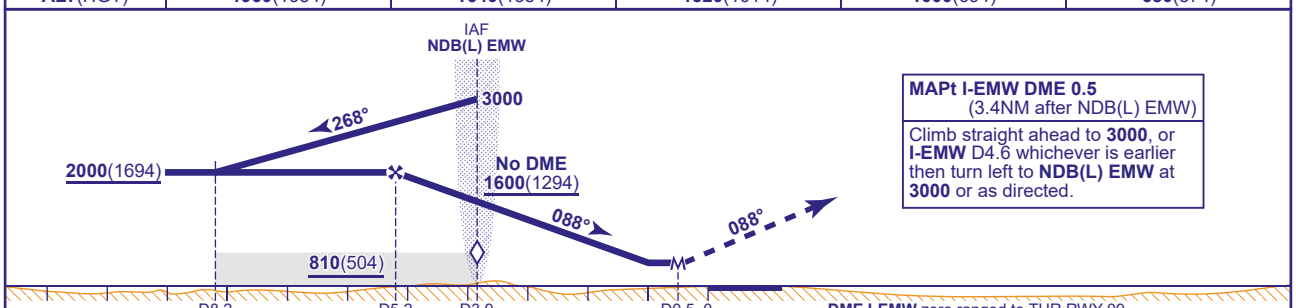
RAD	126.180, 134.180	EAST MIDLANDS RADAR	AD ELEVATION	**306**	
	120.130	EAST MIDLANDS DIRECTOR	THR ELEVATION	**306**	
TWR	124.005	EAST MIDLANDS TOWER	OBSTACLE ELEVATION	**1037 AMSL** (731) (ABOVE THR)	
	121.905	EAST MIDLANDS GROUND			
ATIS	122.680	EAST MIDLANDS INFORMATION	BEARINGS ARE MAGNETIC		

TRANSITION ALTITUDE **6000**



RECOMMENDED PROFILE Gradient 5.2%, 320FT/NM

DME I-EMW	5	4	3	2	1
ALT(HGT)	**1960**(1654)	**1640**(1334)	**1320**(1014)	**1000**(694)	**680**(374)



MAPt I-EMW DME 0.5
(3.4NM after NDB(L) EMW)

Climb straight ahead to **3000**, or **I-EMW** D4.6 whichever is earlier then turn left to **NDB(L) EMW** at **3000** or as directed.

Aircraft Category		**A**	**B**	**C**	**D**	Rate of descent	**G/S KT**	160	140	120	100	80
OCA (OCH)	**Procedure**	**640**(334)	**640**(334)	**640**(334)	**640**(334)		**FT/MIN**	850	740	640	530	420
VM(C)OCA (OCH AAL)	**Total Area**	**800**(494)	**800**(494)	**1200**(894)	**1200**(894)	**NDB(L) EMW to MAPt (3.4NM)**	**MIN:SEC**	1:16	1:27	1:42	2:02	2:33

ALTERNATIVE PROCEDURE
From overhead NDB(L) EMW **not below 3000**(2694) fly outbound on NDB(L) EMW QDR 248° (CAT A,B); NDB(L) EMW QDR 230° (CAT C,D), descending to **not below 2000**(1694). At I-EMW DME 8.2 baseturn right to intercept LOC. Once established on the LOC continue as for main procedure.

AIRCRAFT UNABLE TO RECEIVE DME I-EMW NOTIFY ATC
PRIMARY PROCEDURE: Fly outbound leg of racetrack for 1MIN 30SEC (CAT A,B), 1MIN (CAT C,D), then turn right to establish on the LOC. MAX 210KIAS. Once established on the LOC descend to cross SDF overhead NDB(L) EMW **not below 1600**(1294) and then to MDA(H).
ALTERNATIVE PROCEDURE: Fly outbound leg of baseturn for 1MIN 45SEC (CAT A,B), 1MIN 15SEC (CAT C,D), then turn right to establish on the LOC. MAX 210KIAS. Once established on the LOC descend to cross SDF overhead NDB(L) EMW **not below 1600**(1294) and then to MDA(H).

NOTE 1 Lowest altitude to commence procedure from hold is **3000**.
2 Aircraft will normally be required to hold not lower than **3000**.

CHANGE (1/21): MAG VAR. MAG TRACKS.