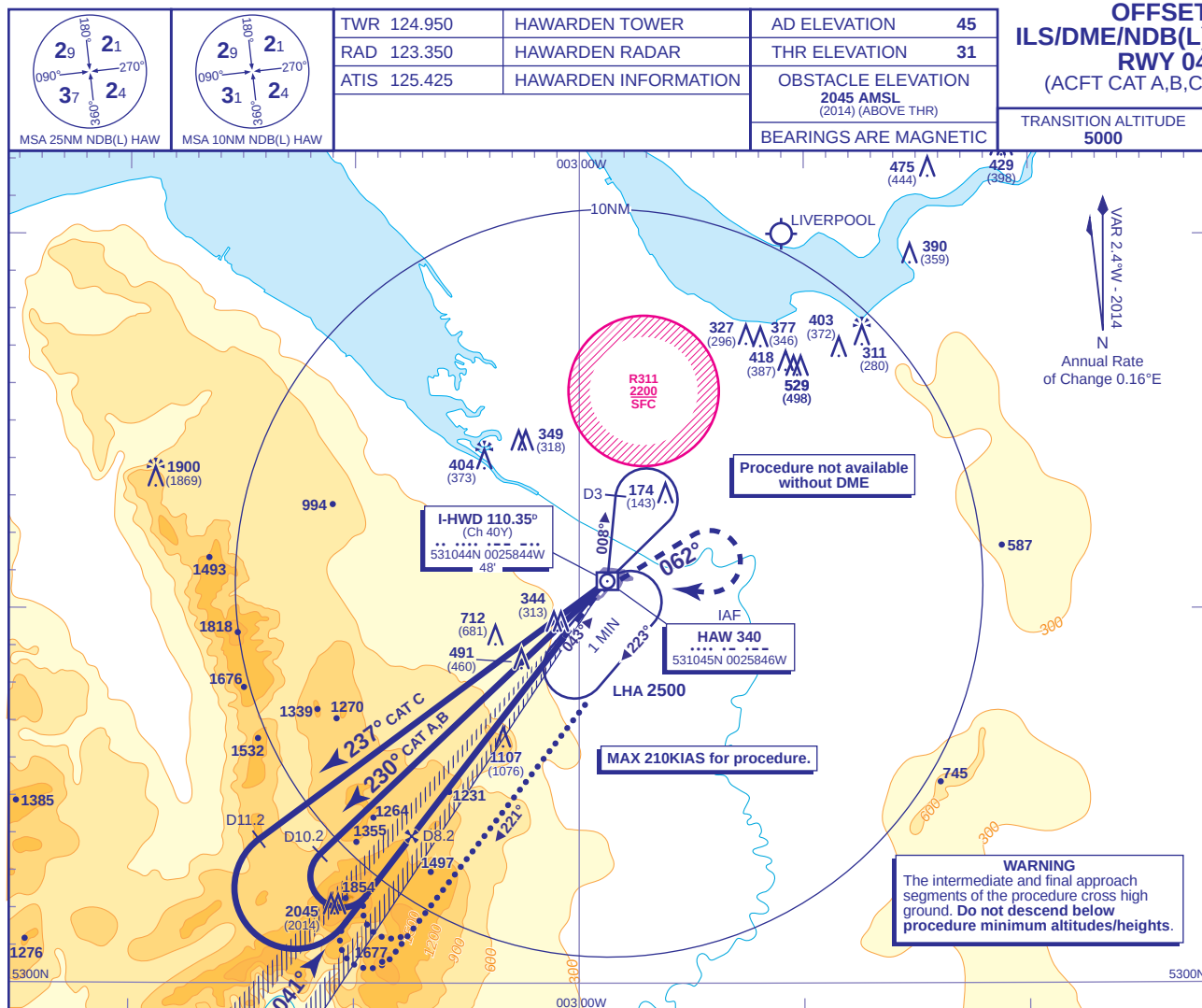


INSTRUMENT APPROACH CHART - ICAO

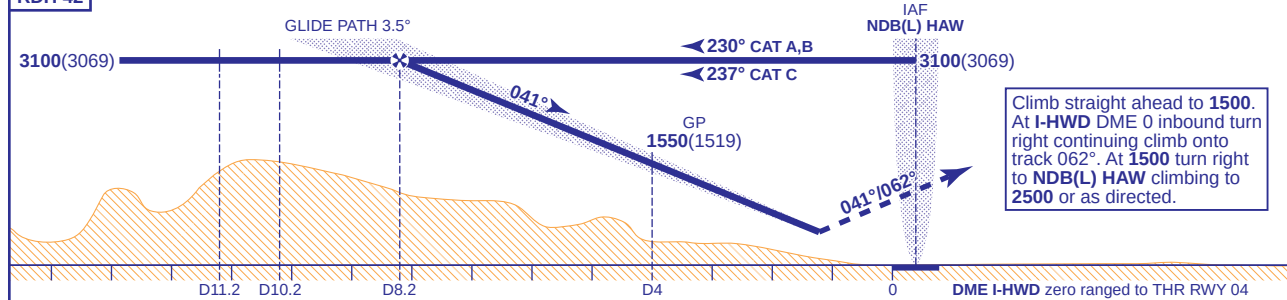
HAWARDEN
OFFSET
ILS/DME/NDB(L)
RWY 04
 (ACFT CAT A,B,C)



RECOMMENDED PROFILE GLIDE PATH 3.5°, 370FT/NM

DME I-HWD	8	7	6	5	4	3	2
ALT(HGT)	3030(2999)	2660(2629)	2290(2259)	1920(1889)	1550(1519)	1180(1149)	810(779)

RDH 42



Aircraft Category	A	B	C	Rate of descent	G/S KT	160	140	120	100	80
OCA (OCH)	UNCAT	530(499)	530(499)	530(499)	FT/MIN	980	860	740	620	490
VM(C)OCA (OCH AAL)	Total Area	800(755)	900(855)							
	East of RWY 04/22	700(655)	800(755)	1500(1455)						

ALTERNATIVE PROCEDURE

Overhead NDB(L) HAW at 3100(3069) turn right from the outbound leg of the hold turn left onto track 221°. At I-HWD DME 10.2 (CAT A,B) or I-HWD DME 11.2 (CAT C) commence right turn to establish on the localizer then continue as for basic procedure. Remain within I-HWD DME 15.

NOTE 1 LOC is offset 2.6° right of RWY 04 C/L and intercepts the RWY C/L 1NM from the THR.
NOTE 2 Reversal baseturn from NDB(L) HAW outbound on QDR 008° to I-HWD DME 3 (1 MIN).

CHANGE (5/14): MAG VAR. ANNUAL RATE OF CHANGE. HOLD. COM. OBSTACLES.

AERO INFO DATE 18 FEB 14