

INSTRUMENT APPROACH CHART - ICAO

29

21

090°

270°

360°

37

24

MSA 25NM NDB(L) HAW

29

21

090°

270°

360°

31

24

MSA 10NM NDB(L) HAW

TWR 124.955

RAD 120.055, 130.015°

ATIS 125.430

\*As directed by ATC, Not continuously monitored

HAWARDEN TOWER

HAWARDEN RADAR

HAWARDEN INFORMATION

AD ELEVATION 45

THR ELEVATION 31

OBSTACLE ELEVATION 2045 AMSL (2014) (ABOVE THR)

BEARINGS ARE MAGNETIC

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

TRANSITION ALTITUDE 5000

HAWARDEN

LOC/DME/NDB(L) RWY 04

(ACFT CAT A,B,C)

RECOMMENDED PROFILE Gradient 6.1%, 370FT/NM

DME I-HWD	8	7	6 (SDF)	5	4 (SDF)	3	2 (SDF)
ALT(HGT)	3030(2999)	2660(2629)	2290(2259)	1920(1889)	1550(1519)	1190(1159)	820(789)

Aircraft Category		A	B	C	Rate of descent	G/S KT	160	140	120	100	80
OCA (OCH)		570(539)	570(539)	570(539)		FT/MIN	980	860	740	610	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 and continue the outbound leg of the hold then turn left onto track 219°. 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.  
**2** Reversal baseturn from NDB(L) HAW outbound on QDR 006° to I-HWD DME 3 (1 MIN).

CHANGE (2/25): EGR323 ADDED.

AERO INFO DATE 26 NOV 24

AD 2-EGNR-8-2