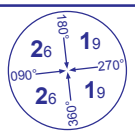
INSTRUMENT APPROACH CHART - ICAO

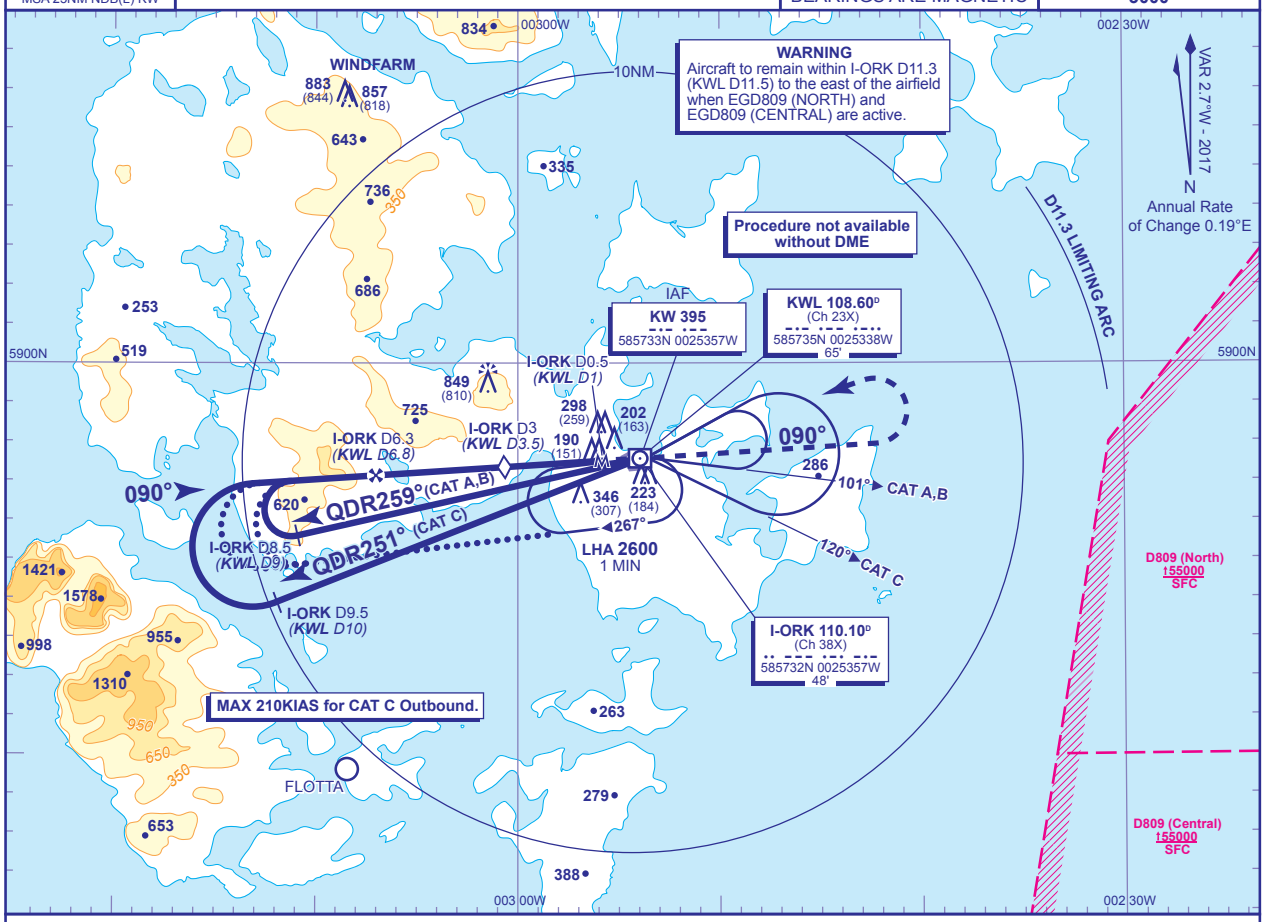
KIRKWALL NDB(L)/DME RWY 09
(ACFT CAT A,B,C)



MSA 25NM NDB(L) KW

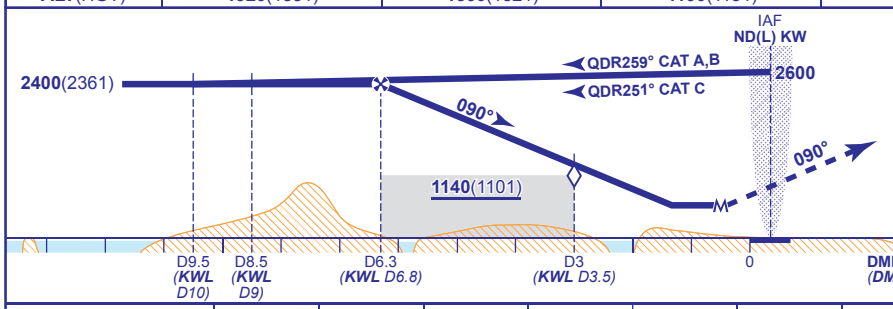
APP	118.300	KIRKWALL APPROACH	AD ELEVATION	58
TWR	118.300	KIRKWALL TOWER	THR ELEVATION	39
AFIS	118.300	KIRKWALL INFORMATION	OBSTACLE ELEVATION	
ATIS	108.600	KIRKWALL INFORMATION	883 AMSL (844) (ABOVE THR)	
			BEARINGS ARE MAGNETIC	

TRANSITION ALTITUDE **3000**



RECOMMENDED PROFILE Gradient 6.1%, 370FT/NM

DME I-ORK(KWL)	5(5.5)	4(4.5)	3(3.5) **(SDF)**	2(2.5)	1(1.5)
ALT(HGT)	**1920**(1881)	**1560**(1521)	**1190**(1151)	**820**(781)	**460**(421)



Arrival **not below MSA**.

MAPt I-ORK DME 0.5 (KWL DME 1)

Climb straight ahead. At **1500** or, **I-ORK** DME 3 (**KWL** DME 3.2) whichever is later, climbing turn left to return to **NDB(L) KW** at **2600** or as directed.

Note: Pilots should take account of the climb performance of their aircraft to arrange their flight to reach **NDB(L) KW** at **2600**.

DME I-ORK zero ranged to THR RWY 09 (*DME KWL reads 0.5NM at THR RWY 09*)

Aircraft Category		A	B	C
OCA (OCH)	**Procedure**	**570**(532)	**570**(532)	**570**(532)
VM(C)OCA (OCH AAL)	**Total Area**	**650**(592)	**660**(602)	**1250**(1192)
	South of RWY 09/27	**650**(592)	**660**(602)	**760**(702)

Rate of descent						
	G/S KT	160	140	120	100	80
	FT/MIN	990	870	740	620	500

ALTERNATIVE PROCEDURE
Arrival **not below MSA**. Overhead NDB(L) KW (IAF) at **2600** turn to establish on the outbound leg of the holding pattern. Extend the outbound leg of the hold descending to **2400**. At I-ORK DME 8.5 (KWL DME 9) (CAT A,B) or I-ORK DME 9.5 (KWL DME 10) (CAT C) turn right to establish on the extended FAT; when established continue as for basic procedure.

ENTRY TO BASE TURN PROCEDURE AFTER HOLDING
If required, the Base Turn procedure may be entered after holding by flying a teardrop reversal manouevre from overhead the holding facility after flying inbound in the hold as follows: Fly outbound on track 101°M (CAT A,B) or 120°M (CAT C) for 1 MIN then turn left to return to the overhead to enter the base turn procedure. Lowest altitude to commence procedure from the hold is **2600**.

NOTE FAT is parallel to RWY C/L but offset 136 metres north.

CHANGE (8/16): MAG VAR. MAG TRACKS/RADIALS. PAGE NUMBER.

AERO INFO DATE 7 APR 16