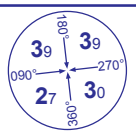
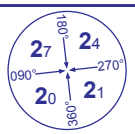
INSTRUMENT APPROACH CHART - ICAO

CARDIFF
RNAV (GNSS)
RWY 12
(ACFT CAT A,B,C,D)



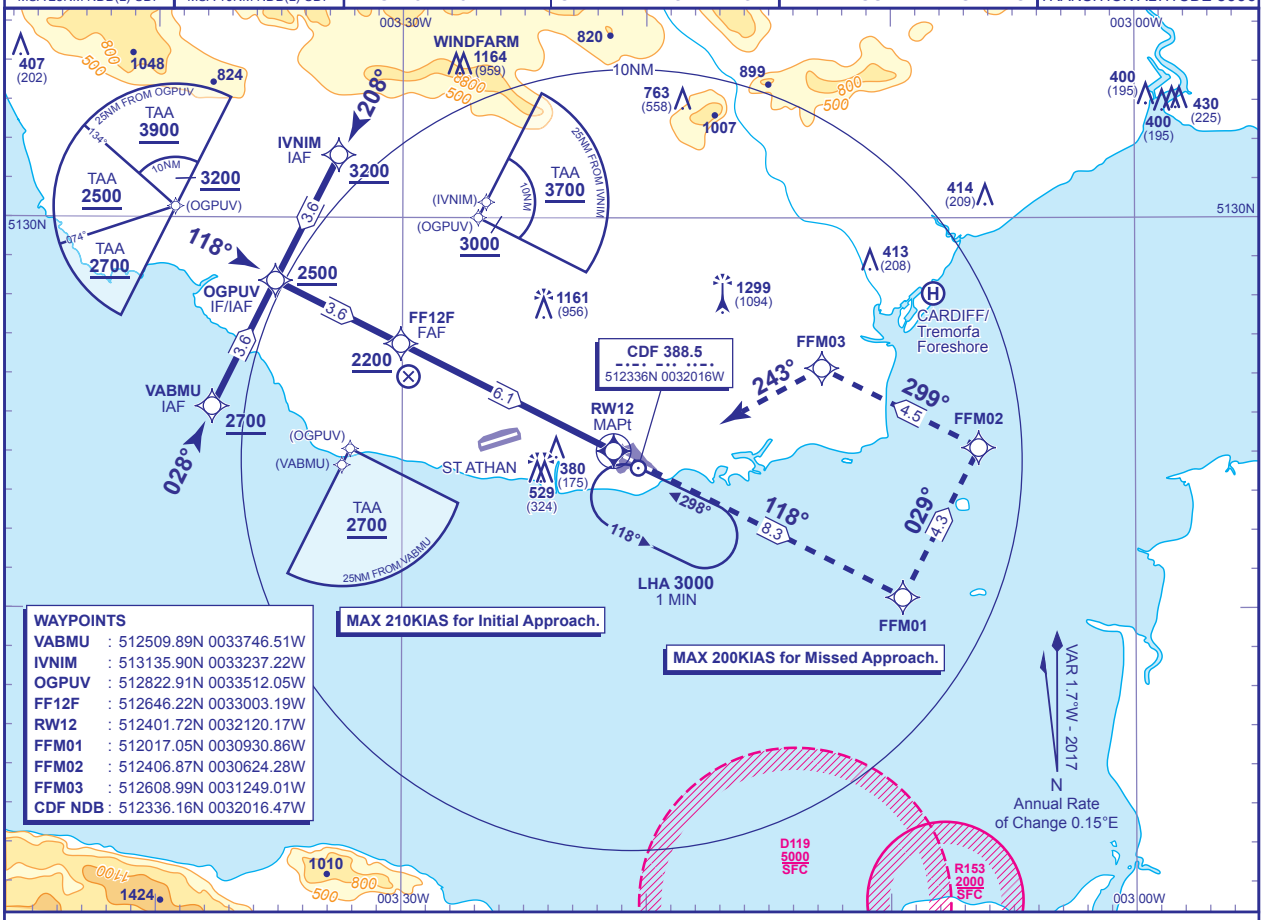
MSA 25NM NDB(L) CDF



MSA 10NM NDB(L) CDF

APP 119.150, 125.850	CARDIFF APPROACH	AD ELEVATION	220
TWR 133.100	CARDIFF TOWER	THR ELEVATION	205
RAD 125.850	CARDIFF RADAR	OBSTACLE ELEVATION 1299 AMSL (1094) (ABOVE THR)	
119.150 (LARS)			
ATIS 132.475	CARDIFF INFORMATION	BEARINGS ARE MAGNETIC	

EGNOS	CH 77380 E12A
MIN TEMP	-10°C
TRANSITION ALTITUDE	6000



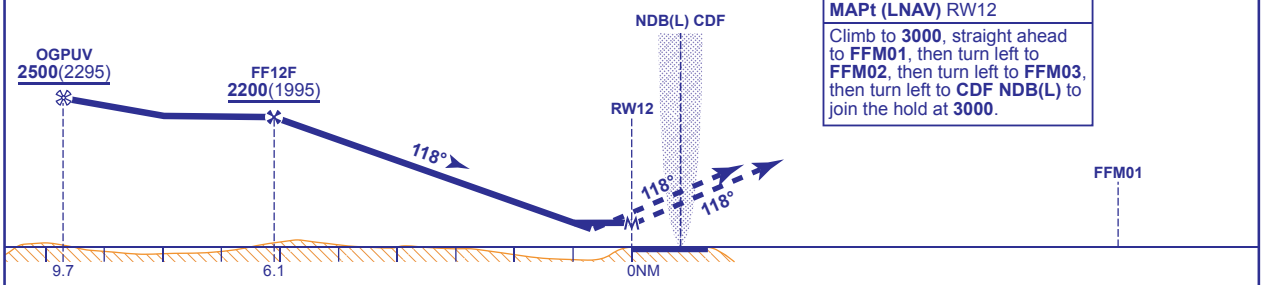
WAYPOINTS

VABMU	: 512509.89N 0033746.51W
IVNIM	: 513135.90N 0033237.22W
OGPUV	: 512822.91N 0033512.05W
FF12F	: 512646.22N 0033003.19W
RW12	: 512401.72N 0032120.17W
FFM01	: 512017.05N 0030930.86W
FFM02	: 512406.87N 0030624.28W
FFM03	: 512608.99N 0031249.01W
CDF NDB	: 512336.16N 0032016.47W

RECOMMENDED PROFILE VERTICAL PATH ANGLE 3.0° (LNAV 5.2%), 320FT/NM

NM to RW12	6	5	4	3	2	1
ALT(HGT)	**2170**(1965)	**1850**(1645)	**1530**(1325)	**1210**(1005)	**890**(685)	**570**(365)

TCH 50



MAPt (LNAV) RW12

Climb to **3000**, straight ahead to **FFM01**, then turn left to **FFM02**, then turn left to **FFM03**, then turn left to **CDF NDB(L)** to join the hold at **3000**.

Aircraft Category		A	B	C	D
OCA (OCH)	LNAV	**590**(385)	**590**(385)	**590**(385)	**590**(385)
	LNAV/VNAV	**460**(255)	**470**(265)	**480**(275)	**490**(285)
	LPV	**455**(250)	**467**(262)	**475**(270)	**486**(281)
VM(C)OCA (OCH AAL)	Total Area	**680**(460)	**820**(600)	**1560**(1340)	**1690**(1470)
	SW of RWY 12/30	**680**(460)	**820**(600)	**920**(700)	**920**(700)

Rate of descent					
G/S KT	160	140	120	100	80
FT/MIN	850	740	640	530	420

NOTE **NDB(L) CDF** required for missed approach hold.

CHANGE (11/16): NEW CHART.

AERO INFO DATE 4 JUL 16