INSTRUMENT APPROACH CHART- ICAO

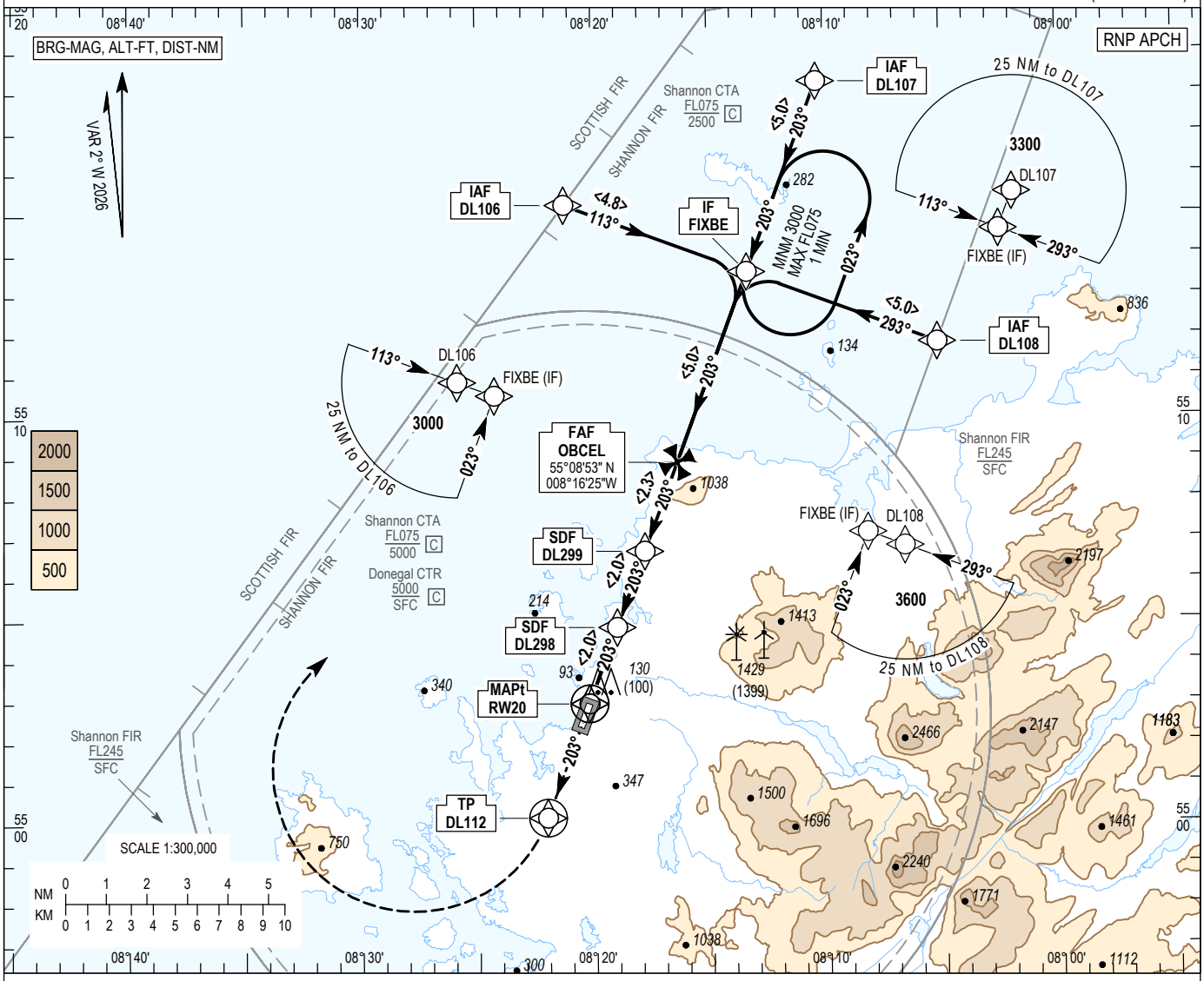
AERODROME ELEV 30 ft
HEIGHTS RELATED TO THR RWY 20 - ELEV 30 ft

ATIS	129.930
AFIS	129.805
TWR	129.805
GND	129.805

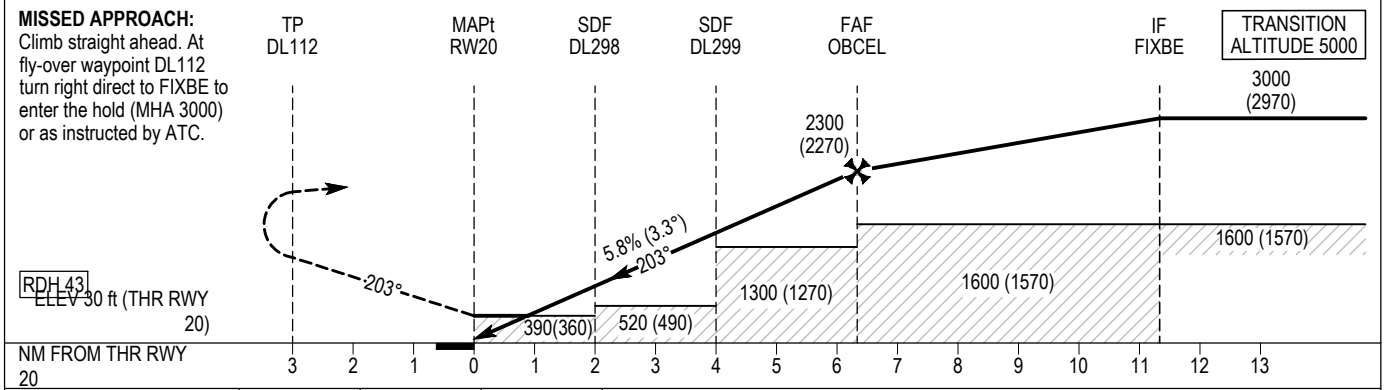
SBAS CH 57174 E20A

DONEGAL / DONEGAL RNP RWY 20

(ACFT CAT A, B, C)
MNM TEMP -10°C (BARO VNAV)
MAX TEMP 32°C (BARO VNAV)



MISSED APPROACH:
Climb straight ahead. At fly-over waypoint DL112 turn right direct to FIXBE to enter the hold (MHA 3000) or as instructed by ATC.



OCA (H)		A	B	C
LNAV		390 (360)		
LNAV / VNAV		280 (250)	290 (260)	300 (270)
LPV		230 (200)		240 (210)
Visual Manoeuvring (Heights AAL)	Total Area	700 (670)		2000 (1970)
	West of RWY	600 (570)	700 (670)	900 (870)

NOTE:
1. Instrument approaches only available when ATC zone is active.
2. Visual segment penetrated to the left of track.

CAUTION:
1. This procedure lies over high ground. Do not descend below minimum procedural level.
2. Turbulence may be experienced due to terrain.

Recommended LNAV Profile (3.3°) on Final Approach

DIST THR RWY20 (NM)	1	2	3	4	5	6
ALT / HT (ft)	420 (390)	770 (740)	1120 (1090)	1470 (1440)	1820 (1790)	2180 (2150)

Ground Speed	kts	80	100	110	120	140	160
Descent rate gradient - 5.8% (3.3°) 350 ft/NM	ft / min	470	580	640	700	820	930

CHANGE: MAG VAR, Frequencies.

RNP RWY20 via DL106

Nav. Spec.	WPT Name	Latitude (N) / Longitude (W)	Path Term.	Fly-By Fly-Over	True Track / Mag Track	Distance (NM)	Upper Limit / Lower Limit	Speed Limit (kts)	VPA (°) / TCH (ft)	Remarks
RNP APCH	DL106	551513.9 / 0082113.8	IF	-	-	-	- / +A3000	-	-	-
RNP APCH	FIXBE	551334.0 / 0081322.0	TF	Fly-By	110.3 / 113	4.8	-	-	-	-
RNP APCH	OBCEL	550853.4 / 0081624.6	TF	Fly-By	200.4 / 203	5.0	-	-	-	Turn R
RNP APCH	DL299	550642.4 / 0081749.8	TF	Fly-By	200.4 / 203	2.3	-	-	-	-
RNP APCH	DL298	550450.1 / 0081902.7	TF	Fly-By	200.4 / 203	2.0	-	-	-	-
RNP APCH	RW20	550257.8 / 0082015.5	TF	Fly-Over	200.4 / 203	2.0	-	-	3.3 / 43	-
RNP APCH	DL112	550009.5 / 0082204.6	CF	Fly-Over	200.4 / 203	-	-	-	-	204° CFN / D2.4 IFN
RNP APCH	FIXBE	551334.0 / 0081322.0	DF	Fly-By	-	-	- / +A3000	-	-	Turn R

RNP RWY20 via DL107

Nav. Spec.	WPT Name	Latitude (N) / Longitude (W)	Path Term.	Fly-By Fly-Over	True Track / Mag Track	Distance (NM)	Upper Limit / Lower Limit	Speed Limit (kts)	VPA (°) / TCH (ft)	Remarks
RNP APCH	DL107	551814.6 / 0081019.1	IF	-	-	-	- / +A3300	-	-	-
RNP APCH	FIXBE	551334.0 / 0081322.0	TF	Fly-By	200.4 / 203	5.0	-	-	-	-
RNP APCH	OBCEL	550853.4 / 0081624.6	TF	Fly-By	200.4 / 203	5.0	-	-	-	-
RNP APCH	DL299	550642.4 / 0081749.8	TF	Fly-By	200.4 / 203	2.3	-	-	-	-
RNP APCH	DL298	550450.1 / 0081902.7	TF	Fly-By	200.4 / 203	2.0	-	-	-	-
RNP APCH	RW20	550257.8 / 0082015.5	TF	Fly-Over	200.4 / 203	2.0	-	-	3.3 / 43	-
RNP APCH	DL112	550009.5 / 0082204.6	CF	Fly-Over	200.4 / 203	-	-	-	-	204° CFN / D2.4 IFN
RNP APCH	FIXBE	551334.0 / 0081322.0	DF	Fly-By	-	-	- / +A3000	-	-	Turn R

RNP RWY20 via DL108

Nav. Spec.	WPT Name	Latitude (N) / Longitude (W)	Path Term.	Fly-By Fly-Over	True Track / Mag Track	Distance (NM)	Upper Limit / Lower Limit	Speed Limit (kts)	VPA (°) / TCH (ft)	Remarks
RNP APCH	DL108	551149.3 / 0080511.4	IF	-	-	-	- / +A3600	-	-	-
RNP APCH	FIXBE	551334.0 / 0081322.0	TF	Fly-By	290.5 / 293	5.0	-	-	-	-
RNP APCH	OBCEL	550853.4 / 0081624.6	TF	Fly-By	200.4 / 203	5.0	-	-	-	Turn L
RNP APCH	DL299	550642.4 / 0081749.8	TF	Fly-By	200.4 / 203	2.3	-	-	-	-
RNP APCH	DL298	550450.1 / 0081902.7	TF	Fly-By	200.4 / 203	2.0	-	-	-	-
RNP APCH	RW20	550257.8 / 0082015.5	TF	Fly-Over	200.4 / 203	2.0	-	-	3.3 / 43	-
RNP APCH	DL112	550009.5 / 0082204.6	CF	Fly-Over	200.4 / 203	-	-	-	-	204° CFN / D2.4 IFN
RNP APCH	FIXBE	551334.0 / 0081322.0	DF	Fly-By	-	-	- / +A3000	-	-	Turn R

Hold Identification

Holding Fix	Latitude (N) / Longitude (W)	Inbound True Track (degrees)	Inbound Mag Track (degrees)	Maximum Indicated Airspeed (kts)	Minimum Holding Level / Altitude (FL/ft)	Maximum Holding Level / Altitude (FL/ft)	Outbound Time (min)	Direction of Turn
FIXBE	551334.0 / 0081322.0	200.4	203	-	+A3000	-FL075	1	L

SBAS FAS Data Block Coding Data
RNP RWY20

Input Data	
Operation Type	0
Service Provider	1
Airport Identifier	EIDL
Runway	20
Runway Letter	0
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E20A
LTP / FTP Latitude	550257.8455N
LTP / FTP Longitude	0082015.4550W
LTP / FTP Ellipsoidal Height *	66.8 m
FPAP Latitude	550206.4675N
Delta FPAP Latitude	-51.3780 seconds
FPAP Longitude	0082048.7140W
Delta FPAP Longitude	-33.2590 seconds
Threshold Crossing Height	43
TCH Units Selector	0
Glidepath Angle	3.3 °
Course Width	105 m
Length Offset	328 m
HAL	40 m
VAL	35 m
Output Data	
Data Block	10 0C 04 09 05 14 00 00 01 30 32 05 6B E8 9F 17 42 00 6C FC 9C 16 9C 6E FE 2A FC FE AE 01 4A 01 64 29 C8 AF ED 8A 77 C5
Calculated CRC Value	ED8A77C5
Required Additional Data	
ICAO Code	EI
LTP/FTP Orthometric Height	9.3 m
SBAS EGNOS Channel	57174