



TRANSITION ALTITUDE 5000 ft		IF FABTI		FAF/FAP MABAC		MAPt WF106		MATP WF107		MISSED APPROACH: Climb straight ahead. At fly-over waypoint WF107 turn left direct to FABTI and hold (MHA 3000ft) or as instructed by ATC.	
3000 (2914)		1200 (1114)		800 (714)		450 (364)				RDH 50	
										ELEV 86 ft (THR RWY 02)	
										NM FROM THR RWY 02	
OCA (H)		A		B		C		NOTE: NIL			
LNAV				450 (364)							
LNAV / VNAV		330 (244)		340 (254)		350 (264)		Recommended LNAV Profile on Final Approach			
LPV		334 (248)		344 (258)		354 (268)		DIST THR RWY 02 (NM)		5 4 3 2 1	
Visual Manoeuvring (Heights AAL)		640 (521)		790 (671)		940 (821)		ALT / HT (ft)		1730 (1644) 1410 (1324) 1090 (1004) 770 (684) 450 (364)	
								Ground Speed		kts 80 100 120 140 160	
								Descent rate gradient - 5.2% (3.0%) 318 ft/NM		ft / min 430 530 640 740 850	

CHANGE: New Chart.

Waterford RNP RWY02 via WF101

Nav. Spec.	WPT Name	Latitude (N) / Longitude (W)	Path Term	Fly-By Fly-Over	True track / Mag track (°)	Distance (NM)	Upper limit / Lower limit (ft)	Speed limit (kts)	VPA (°) / TCH (ft)	Remarks
RNP APCH	WF101	515935.0 / 0070348.4	IF	-	-	-	- / +A3000	-	-	-
RNP APCH	FABTI	520122.7 / 0071121.4	TF	Fly-By	291.1 / 293	5.0	- / +A3000	-	-	-
RNP APCH	MABAC	520606.8 / 0070824.6	TF	Fly-By	021.0 / 023	5.1	-	-	-	Turn R
RNP APCH	WF106	521055.0 / 0070524.9	TF	Fly-Over	021.0 / 023	5.2	-	-	3.0 / 50	-
RNP APCH	WF107	521342.8 / 0070340.1	CF	Fly-Over	021.0 / 023	-	-	-	-	021° WTD / D2.4 IWD
RNP APCH	FABTI	520122.7 / 0071121.4	DF	Fly-By	-	-	- / +A3000	-	-	Turn L

Waterford RNP RWY02 via WF102

Nav. Spec.	WPT Name	Latitude (N) / Longitude (W)	Path Term	Fly-By Fly-Over	True track / Mag track (°)	Distance (NM)	Upper limit / Lower limit (ft)	Speed limit (kts)	VPA (°) / TCH (ft)	Remarks
RNP APCH	WF102	515643.0 / 0071415.3	IF	-	-	-	- / +A3000	-	-	-
RNP APCH	FABTI	520122.7 / 0071121.4	TF	Fly-By	021.0 / 023	5.0	- / +A3000	-	-	-
RNP APCH	MABAC	520606.8 / 0070824.6	TF	Fly-By	021.0 / 023	5.1	-	-	-	-
RNP APCH	WF106	521055.0 / 0070524.9	TF	Fly-Over	021.0 / 023	5.2	-	-	3.0 / 50	-
RNP APCH	WF107	521342.8 / 0070340.1	CF	Fly-Over	021.0 / 023	-	-	-	-	021° WTD / D2.4 IWD
RNP APCH	FABTI	520122.7 / 0071121.4	DF	Fly-By	-	-	- / +A3000	-	-	Turn L

Waterford RNP RWY02 via WF103

Nav. Spec.	WPT Name	Latitude (N) / Longitude (W)	Path Term	Fly-By Fly-Over	True track / Mag track (°)	Distance (NM)	Upper limit / Lower limit (ft)	Speed limit (kts)	VPA (°) / TCH (ft)	Remarks
RNP APCH	WF103	520309.8 / 0071855.1	IF	-	-	-	- / +A3700	-	-	-
RNP APCH	FABTI	520122.7 / 0071121.4	TF	Fly-By	110.9 / 113	5.0	- / +A3000	-	-	-
RNP APCH	MABAC	520606.8 / 0070824.6	TF	Fly-By	021.0 / 023	5.1	-	-	-	Turn L
RNP APCH	WF106	521055.0 / 0070524.9	TF	Fly-Over	021.0 / 023	5.2	-	-	3.0 / 50	-
RNP APCH	WF107	521342.8 / 0070340.1	CF	Fly-Over	021.0 / 023	3.0	-	-	-	021° WTD / D2.4 IWD
RNP APCH	FABTI	520122.7 / 0071121.4	DF	Fly-By	-	-	- / +A3000	-	-	Turn L

Hold Identification – FABTI

Holding Fix	Latitude (N) / Longitude (W)	Inbound True Track (degrees)	Inbound Mag Track (degrees)	Maximum Indicated Airspeed (kts)	Minimum Holding Altitude (ft)	Maximum Holding Level (FL)	Outbound time (min)	Direction of Turn
FABTI	520122.7 / 0071121.4	020.97	023	240	+A3000	FL075	1	R

**SBAS FAS Data Block Coding Data
Waterford RNP RWY02**

Input Data	
Operation Type	0
Service Provider	1 (EGNOS)
Airport Identifier	EIWF
Runway	02
Runway Direction	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E02A
LTP / FTP Latitude	521054.9800N
LTP / FTP Longitude	0070524.8900W
LTP / FTP Ellipsoidal Height	82.6 m
FPAP Latitude	521146.1740N
Delta FPAP Latitude	51.1940 seconds
FPAP Longitude	0070452.9020W
Delta FPAP Longitude	31.9880 seconds
Threshold Crossing Height	50
TCH Units Selector	0 (feet)
Glidepath Angle	3.00 °
Course Width	105 m
Length Offset	352 m
HAL	40 m
VAL	35 m
Output Data	
Data Block	10 06 17 09 05 02 00 00 01 32 30 05 08 E1 64 16 CC 0A F5 FC 3A 17 F4 8F 01 E8 F9 00 F4 01 2C 01 64 2C C8 AF D8 89 20 AD
Calculated CRC Value	D88920AD
Required Additional Data (not CRC wrapped)	
ICAO Code	EI
LTP/FTP Orthometric Height	26.33 m
FPAP Orthometric Height (metres)	26.33
SBAS EGNOS Channel	48474