



**DUBLIN RNP RWY 16 VIA KERAV**

Navigational performance	Path descriptor	WPT Name	Latitude (N) / Longitude (W)	Fly-By or Fly-Over	Distance (nm)	True track / Magnetic track	Upper limit / Lower limit	Speed limit (kts)	VPA / TCH	Remarks
RNP APCH	IF	KERAV	533742.7 / 0054557.3	-	-	-	- / 5000	230	-	-
RNP APCH	TF	ERUDA	534029.0 / 0061655.0	Fly-By	18.6	278.8 / 282	- / 3000	-	-	-
RNP APCH	TF	BAPDA	533740.0 / 0062403.7	Fly-By	5.1	236.5 / 240	- / 3000	-	-	IF
RNP APCH	TF	GARTI	533412.8 / 0062132.1	Fly-By	3.8	156.5 / 160	- / 3000	-	-	FAF/FAP
RNP APCH	TF	DUB	532957.7 / 0061825.6	Fly-Over	4.6	156.5 / 160	- / 1570	-	-	SDF
RNP APCH	TF	DW006	532707.3 / 0061622.4	Fly-Over	3.1	156.5 / 160	-	-	3.00 / 54	MAPt
RNP APCH	TF	DW007	532003.5 / 0061115.7	Fly-Over	7.4	156.6 / 160	3000 / -	-	-	MATP
RNP APCH	CA	-	-	-	-	156.6 / 160	- / 5000	-	-	-
RNP APCH	DF	KERAV	533742.7 / 0054557.3	Fly-By	-	-	- / 5000	-	-	R

**DUBLIN RNP RWY 16 VIA UMDAR**

Navigational performance	Path descriptor	WPT Name	Latitude (N) / Longitude (W)	Fly-By or Fly-Over	Distance (nm)	True track / Magnetic track	Upper limit / Lower limit	Speed limit (kts)	VPA / TCH	Remarks
RNP APCH	IF	UMDAR	533803.3 / 0063135.5	-	-	-	- / 5000	230	-	-
RNP APCH	TF	BAPDA	533740.0 / 0062403.7	Fly-By	4.5	094.9 / 098	- / 3000	-	-	IF
RNP APCH	TF	GARTI	533412.8 / 0062132.1	Fly-By	3.8	156.5 / 160	- / 3000	-	-	FAF/FAP
RNP APCH	TF	DUB	532957.7 / 0061825.6	Fly-Over	4.6	156.5 / 160	- / 1570	-	-	SDF
RNP APCH	TF	DW006	532707.3 / 0061622.4	Fly-Over	3.1	156.5 / 160	-	-	3.00 / 54	MAPt
RNP APCH	TF	DW007	532003.5 / 0061115.7	Fly-Over	7.4	156.6 / 160	3000 / -	-	-	MATP
RNP APCH	CA	-	-	-	-	156.6 / 160	- / 5000	-	-	-
RNP APCH	DF	KERAV	533742.7 / 0054557.3	Fly-By	-	-	- / 5000	-	-	R

**Hold Identification – KERAV**

Holding Fix	Latitude (N) / Longitude (W)	Inbound True Track (degrees)	Inbound Mag Track (degrees)	Maximum Indicated Airspeed (kts)	Maximum / Minimum Holding Level / Altitude (FL/ft)	Outbound time (min)	Direction of Turn
KERAV	533742.7 / 0054557.3	205.5	209	230	FL140 / 5000	1	R

**SBAS FAS Data Block Coding Data  
Dublin RNP RWY 16**

Input Data	
Parameters	Values
Operation Type	0
SBAS Provider	1
Airport Identifier	EIDW
Runway	16
Runway Direction	0
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E16A
LTP/FTP Latitude	532613.1570N
LTP/FTP Longitude	0061543.1210W
LTP/FTP Ellipsoidal Height (metres)	122.6
FPAP Latitude	532511.6625N
Delta FPAP Latitude (seconds)	-61.4945
FPAP Longitude	0061458.5430W
Delta FPAP Longitude (seconds)	44.5780
Threshold Crossing Height	54.0
TCH Units Selector	0
Glidepath Angle (degrees)	3.00
Course Width (metres)	108.50
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output Data	
Data Block	10 17 04 09 05 10 00 00 01 36 31 05 4A C3 EE 16 DE 09 50 FD CA 18 93 1F FE 44 5C 01 1C 02 2C 01 72 00 C8 FA 93 C2 0E 06
Calculated CRC Value	93C20E06

Required Additional Data (not CRC wrapped)	
Parameters	Values
ICAO Code	EI
LTP/FTP Orthometric Height (metres)	66.2
FPAP Orthometric Height (metres)	61.5
SBAS EGNOS Channel	44282