

—IRELAND—



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AIRAC AIP AMDT 012/22
Effective Date: 01 DEC 2022
Publication Date: 20 OCT 2022

PAGE REVISIONS

AIRAC Changes incorporated in this Amendment are:

- GEN 0.2** Record of AIP Amendments: Updated Text.
GEN 0.3 Record of AIP Supplements: Updated Text.
GEN 0.4 Checklist of Pages: Revised list.
GEN 3.2 Aeronautical Charts: Revised EIDW Charts.
ENR 2.1 FIR, UIR, TMA: Co-ordinate update in Dublin CTA.
ENR 5.1 Prohibited, Restricted and Danger Areas: Updated text in EIR15 Lower Limit.

Remove Pages	Insert Pages	
GEN 0.2-1/GEN 0.2-2	GEN 0.2-1/GEN 0.2-2	01 DEC 2022/01 DEC 2022
GEN 0.3-1/GEN 0.3-2	GEN 0.3-1/GEN 0.3-2	01 DEC 2022/01 DEC 2022
GEN 0.4-1/GEN 0.4-8	GEN 0.4-1/GEN 0.4-8	01 DEC 2022/01 DEC 2022
GEN 3.2-1/GEN 3.2-10	GEN 3.2-1/GEN 3.2-10	01 DEC 2022/01 DEC 2022
ENR 2.1-1/ENR 2.1-8	ENR 2.1-1/ENR 2.1-8	01 DEC 2022/01 DEC 2022
ENR 5.1-1/ENR 5.1-4	ENR 5.1-1/ENR 5.1-4	01 DEC 2022/01 DEC 2022
EIDW AD 2.24-15.1 / EIDW AD 2.24-15.3	EIDW AD 2.24-15.1 / EIDW AD 2.24-15.3	01 DEC 2022/01 DEC 2022
EIDW AD 2.24-29.1 / EIDW AD 2.24-29.3	EIDW AD 2.24-29.1 / EIDW AD 2.24-29.3	01 DEC 2022/01 DEC 2022
EIDW AD 2.24-32.1 / EIDW AD 2.24-32.3	EIDW AD 2.24-32.1 / EIDW AD 2.24-32.3	01 DEC 2022/01 DEC 2022
EIDW AD 2.24-35.1 / EIDW AD 2.24-35.3	EIDW AD 2.24-35.1 / EIDW AD 2.24-35.3	01 DEC 2022/01 DEC 2022
EIDW AD 2.24-43.1 / EIDW AD 2.24-43.2	EIDW AD 2.24-43.1 / EIDW AD 2.24-43.2	01 DEC 2022/01 DEC 2022

New Supplements for this Amendment:

NR 030/22, 031/22, 032/22

Supplements cancelled in this Amendment:

NR 029/22, 011/22, 006/22, 005/22, 017/20

New AIC for this Amendment:

Nr 013/22, 014/22

AIC cancelled in this Amendment:

Nr 012/22

PERM NOTAM* incorporated in this Amendment:

NIL

**Note: NOTAMC will be issued 14 days after effective date of this AIRAC AIP Amdt.*

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GEN 0.3 Record of AIP Supplements

NR/Year	Subject	AIP Section(s) Affected	Period of Validity	Cancellation Record
032/2022	Checklist of Valid AIP Supplements	GEN	01-Dec-2022	-
031/2022	Cork Airport (EICK) - Runway Pavement Repairs	EICK	01-Dec-2022	-
030/2022	Met Eireann Meteorological - Radiosonde Helium Filled Balloon	EISN	01-Dec-2022	-
029/2022	Checklist of Valid AIP Supplements	GEN	03-Nov-2022	01-Dec-2022
028/2022	Construction of Mobile Crane Ardderroo Wind Farm Turbines Co Galway	GEN	03-Nov-2022	-
027/2022	Dublin Airport (EIDW) South Apron Widening (SATW) Works - Phase 1 & 2 and Introduction of New Taxiway Tango (T)	EIDW	03-Nov-2022	-
026/2022	Ireland West (EIKN) Runway Guard Lights Taxiway Bravo	EIKN	03-Nov-2022	-
025/2022	Checklist of Valid AIP Supplements	GEN	08-Sep-2022	03-Nov-2022
024/2022	Dublin Airport (EIDW) Construction of Apron 5H(12 New Parking Stands)	EIDW	08-Sep-2022	-
023/2022	Waterford Airport (EIWF) RWY 03 NDB Approach	EIWF	08-Sep-2022	-
022/2022	Checklist of Valid AIP Supplements	GEN	11-Aug-2022	08-Sep-2022
021/2022	Dublin Airport (EIDW) Runway 16/34 LVP Taxiing Lighting Installation Works - Phase 2	EIDW	11-Aug-2022	-
020/2022	Dublin Airport (EIDW) New Runway 10L/28R AIP Ireland Updates	EIDW	11-Aug-2022	-
019/2022	Dublin Airport (EIDW) North Runway Operations and associated Instrument Flight Procedures (IFP's)	EIDW	11-Aug-2022	-
018/2022	Dublin Airport (EIDW) New Runway 10L/28R Planned Operational Stages	EIDW	11-Aug-2022	-
016/2022	Dublin Airport (EIDW) Refurbishment of Airfield Perimeter Road South of Rwy 10_28L Phase 1 and Phase 2	EIDW	14-Jul-2022	-
014/2022	Shannon Enroute - Special Procedures within the Shannon FIR/UIR/SOTA/NOTA for North Atlantic Traffic	EISN	19-May-2022	-
012/2022	Ireland West (EIKN) Apron Bravo	EIKN	21-Apr-2022	-
011/2022	Dublin Airport (EIDW) Implementation of Runway 16/34 LVP Taxiing Lighting - Phase 1	EIDW	21-Apr-2022	01-Dec-2022
010/2022	Dublin Airport (EIDW) Construction of critical Taxiway North - Phase 1	EIDW	21-Apr-2022	-
007/2022	Waterford Airport (EIWF) Revised Minimum Safe Altitudes	EIWF	24-Mar-2022	-
006/2022	Dublin Airport (EIDW) Construction and Final Commissioning of the New North Runway	EIDW	24-Mar-2022	01-Dec-2022
005/2022	Dublin Airport (EIDW) Introduction into Service of New Taxiways N and K	EIDW	24-Mar-2022	01-Dec-2022
003/2022	Ireland West (EIKN) ATIS	EIKN	27-Jan-2022	-
002/2022	Dublin Airport (EIDW) Pier 1 West Stands and Stands Between Apron Twys 1 and 2 Realignment Works	EIDW	27-Jan-2022	-

NR/Year	Subject	AIP Section(s) Affected	Period of Validity	Cancellation Record
001/2022	Dublin Airport (EIDW) Construction of Temporary Taxiway F-Inner to Twy's C, DN and DS	EIDW	27-Jan-2022	-
011/2021	Dublin Co. Dublin - Crane Activity	EIDW	12-Aug-2021	-
009/2021	Dublin Airport (EIDW) Rwy 16/34 LVP Taxiing Lighting Installation Works - Phase 1	EIDW	15-Jul-2021	-
017/2020	Dublin Airport (EIDW) North - South Sewer	EIDW	08-Oct-2020	01-Dec-2022
022/2019	SHANNON AIRPORT (EINN) Radio Navigation and Landing Aids	EINN	10-Oct-2019	-
020/2019	DUBLIN AIRPORT (EIDW) Radio Navigation and Landing Aids	EIDW	10-Oct-2019	-

Note: Cancelled Supplements may be requested from aipinfo@iaa.ie

GEN 0.4 Check list of AIP Pages

New Pages *

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	GEN 0	1.5-10	08 NOV 2018	2.1-2	24 FEB 2022
0.1-1	25 FEB 2021	1.5-11	08 NOV 2018	2.2-1	02 DEC 2021
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1.5-7	08 NOV 2018	1.7-32	24 MAR 2022	3.2-9	01 DEC 2022 *
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2.24-25.2	08 SEP 2022	2-40	06 OCT 2022	2.24-21.1	06 OCT 2022
2.24-26.1	11 OCT 2018	2-41	06 OCT 2022	2.24-21.2	06 OCT 2022
2.24-26.2	11 OCT 2018	2-42	06 OCT 2022	2.24-21.3	06 OCT 2022

Page	Date	Page	Date	Page	Date
2.24-22.1	06 OCT 2022	2.24-41.1	17 JUN 2021		EIDL AD
2.24-22.2	06 OCT 2022	2.24-41.2	17 JUN 2021	2-1	24 FEB 2022
2.24-22.3	06 OCT 2022	2.24-42.1	08 OCT 2020	2-2	24 FEB 2022
2.24-22.4	06 OCT 2022	2.24-42.2	08 OCT 2020	2-3	24 FEB 2022
2.24-22.5	06 OCT 2022	2.24-43.1	01 DEC 2022 *	2-4	24 FEB 2022
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2.24-26.3	11 AUG 2022	2-11	21 APR 2022	2.24-4	05 APR 2012
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2.24-35.3	01 DEC 2022 *	2.24-10.1	06 DEC 2018	2-14	14 JUL 2022
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2.24-40.1	08 OCT 2020	2.24-16.1	17 JUN 2021	2.24-5.2	13 SEP 2018
2.24-40.2	08 OCT 2020	2.24-16.2	17 JUN 2021		

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2.24-6.1	18 AUG 2016	2.24-5.1	25 MAR 2021	2-2	27 JAN 2022
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2-16	08 SEP 2022	2.24-11.2	22 APR 2021	2-1	24 MAR 2022
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				2-1	24 MAR 2022

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2-2	24 MAR 2022	2-6	16 JUN 2022		
2-3	24 MAR 2022		EIMH AD		
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2-5	24 MAR 2022	2-2	24 MAR 2022		
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2-1	19 MAY 2022	2-5	16 JUN 2022		
2-2	19 MAY 2022	2-6	16 JUN 2022		
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2-4	19 MAY 2022				
2-5	19 MAY 2022				
2-6	19 MAY 2022				
	EIKK AD				
2-1	16 JUN 2022				
2-2	16 JUN 2022				
2-3	16 JUN 2022				
2-4	16 JUN 2022				
2-5	16 JUN 2022				

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GEN 3.2 AERONAUTICAL CHARTS

1. RESPONSIBLE SERVICE

Aeronautical Charts for the territory of Ireland are published by

Post: The Irish Aviation Authority,
The Times Building
11-12 D'Olier Street
Dublin 2
D02 T449
Ireland

Phone: + 353 1 671 8655

Fax: + 353 1 679 2934

Email: info@iaa.ie

URL: <http://www.iaa.ie>

Charts based on ICAO documents: Annex 4, Doc 8697

Differences to these provisions are detailed in [GEN 1.7](#)

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Charting service is available during Office hours 0930-1730 Local Time.

2. MAINTENANCE OF CHARTS

2.0.1 2.1. Aeronautical Charts included in the AIP are kept up to date by amendments to the AIP. Significant amendments or revisions in aeronautical information may be promulgated by NOTAM or Aeronautical Information Circular, as appropriate.

2.0.2 2.2. Corrections to Aeronautical Charts are promulgated as hand amendments to the AIP and listed in Sections [GEN 0.5](#) and [GEN 3.2.8](#). Items of information found after publication to have been incorrect at the aeronautical information date are corrected immediately by NOTAM if they are of operational significance.

3. PURCHASE ARRANGEMENTS

3.0.1 VFR Chart Scale 1:500,000

The Irish Aviation Authority has produced a visual flight rules (VFR) aeronautical encapsulated A4 folded chart Scale 1:500,000. This chart is for VFR navigation within the boundaries of the Shannon FIR. In addition to aeronautical information, the charts provide terrain contours, hydrographic, topographic, cultural and other visual features compatible with legibility at the scale of the chart - this information is supplied by Ordnance Survey Ireland and/or Ordnance Survey Northern Ireland. It is available to order at a cost of €30.00 including VAT from:

Post: OSI,
Map Sales Shop,
Phoenix Park,
Dublin 8,

Phone: + 353 1 802 5379

URL: <https://store.osi.ie/index.php/paper-products/aeronautical-charts.html>

3.0.2 VFR Airspace Chart Scale 1:500,000

The Irish Aviation Authority has produced a visual flight rules (VFR) aeronautical airspace chart Scale 1:500,000.

This chart is for VFR navigation within the boundaries of the Shannon FIR.

It is available free to download from the IAA Web Site,

URL: <https://www.iaa.ie/commercial-aviation/airspace/aeronautical-charts>

3.0.3 VFR Chart Scale 1:250,000

The Irish Aviation Authority has produced a visual flight rules (VFR) aeronautical encapsulated A4 folded chart Scale 1:250,000. It comprises two charts - front and back (East & West, North & South), covering the Shannon FIR. The charts are for VFR navigation within the boundaries of the Shannon FIR. In addition to aeronautical information, the charts provide terrain contours, hydrographic, topographic, cultural and other visual features compatible with legibility at the scale of the chart - this

information is supplied by Ordnance Survey Ireland and/or Ordnance Survey Northern Ireland. It is available to order at a cost of €30.00 including VAT per chart from:

Post: OSI,
Map Sales Shop,
Phoenix Park,
Dublin 8,

Phone: + 353 1 802 5379

URL: <https://store.osi.ie/index.php/paper-products/aeronautical-charts.html>

All other aeronautical charts are available to download from:-

URL: <http://www.iaa.ie/commercial-aviation/airspace/aeronautical-charts>

4. AERONAUTICAL CHART SERIES AVAILABLE

4.0.1 4.1 The following series of aeronautical charts are produced

Aeronautical Chart - ICAO 1:500,000
Aeronautical Chart 1:250,000
Instrument Approach Chart - ICAO *
Standard Departure Chart - Instrument (SID) - ICAO *
Standard Arrival Chart - Instrument (STAR) - ICAO *
Visual Approach Chart - ICAO*
Aerodrome Chart - ICAO *
Aircraft Parking/Docking Chart - ICAO *
Aerodrome Obstacle Chart - ICAO Type "A" (Operating Limitations) *
Aerodrome Obstacle Chart - ICAO Type "B"
Precision Approach Terrain Chart – ICAO
ATC Surveillance Minimum Altitude Chart *
(*Included in AIP Ireland)
URL: <http://www.iaa.ie>

4.0.2 4.2 General Description of Series of Charts

4.0.2.1 4.2.1 Aeronautical Chart - ICAO 1:500,000

The Irish Aviation Authority has produced a visual flight rules (VFR) aeronautical encapsulated A4 folded chart Scale 1:500,000. This chart is for VFR navigation within the boundaries of the Shannon FIR. In addition to aeronautical information, the charts provide terrain contours, hydrographic, topographic, cultural and other visual features compatible with legibility at the scale of the chart - this information is supplied by Ordnance Survey Ireland and/or Ordnance Survey Northern Ireland.

4.0.2.2 4.2.2 Aeronautical Chart 1:250,000

The Irish Aviation Authority has produced a visual flight rules (VFR) aeronautical encapsulated A4 folded chart Scale 1:250,000. It comprises two charts - front and back (East & West, North & South), covering the Shannon FIR. The charts are for VFR navigation within the boundaries of the Shannon FIR. In addition to aeronautical information, the charts provide terrain contours, hydrographic, topographic, cultural and other visual features compatible with legibility at the scale of the chart - this information is supplied by Ordnance Survey Ireland and/or Ordnance Survey Northern Ireland.

4.0.2.3 4.2.3 Instrument Approach Chart – ICAO

These charts are designed to provide the pilot with a graphic presentation of the Instrument Approach, Missed Approach and Holding Procedures and to facilitate the transition from non-visual to visual flight at any point on the final approach.

4.0.2.4 4.2.4 Visual Approach Chart – ICAO

These charts are designed to assist pilots making a visual approach and to provide pilots with designated holding patterns maintained by visual reference to the ground.

4.0.2.5 4.2.5 Aerodrome Chart – ICAO

These charts provide flight crew with detailed information on runways, taxiways, lighting and other aerodrome features to facilitate the surface movement of aircraft.

4.0.2.6 4.2.6 Aerodrome Obstacle Chart - ICAO - TYPE "A" (Operating Limitations)

These charts are designed to provide the operator with the data necessary to enable compliance with the operating limitations as contained in ICAO Annex 6.

4.0.2.7 4.2.7 Aerodrome Obstacle Chart - ICAO - TYPE "B"

These charts are designed to provide the data necessary or determination of minimum safe altitudes/heights and procedures for use in the event of an emergency during take-off or landing.

4.0.2.8 4.2.8 Precision Approach Terrain Chart – ICAO

These charts provide detailed terrain profile information within a defined portion of the final approach so as to enable aircraft operating agencies to assess the effect of terrain on decision height determination by the use of radio altimeter.

4.0.2.9 4.2.9 ATC Surveillance Minimum Altitude Chart

This Supplementary Chart shall provide information that will enable flight crews to monitor and cross check altitudes assigned by a controller using an ATS surveillance system.

5. LIST OF CHART SERIES

Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
Aeronautical Chart ICAO 1:500,000	ANC/ 500	Edition 12	Ireland Sheet 2172 ABCD	24 FEB 2022
Aeronautical Chart/West 1:250,000	ANC/ 250	Edition 09	Ireland Sheet 2172 ABCD	24 FEB 2022
Aeronautical Chart/East 1:250,000	ANC/ 250	Edition 09	Ireland Sheet 2172 ABCD	24 FEB 2022
Aeronautical Chart/North 1:250,000	ANC/ 250	Edition 09	Ireland Sheet 2172 ABCD	24 FEB 2022
Aeronautical Chart/South 1:250,000	ANC/ 250	Edition 09	Ireland Sheet 2172 ABCD	24 FEB 2022
Standard Departure Chart- Instrument (SID) ICAO 1:750,000	SID	EIDW AD 2.24-10.1	EIDW RNAV RWY 28L CAT A,B	05 NOV 2020
	SID	EIDW AD 2.24-11.1	EIDW RNAV RWY 28L CAT C, D	08 SEP 2022
	SID	EIDW AD 2.24-12.1	EIDW RNAV RWY 28R CAT A,B	06 OCT 2022
	SID	EIDW AD 2.24-13.1	EIDW RNAV RWY 28R CAT C,D	06 OCT 2022
	SID	EIDW AD 2.24-14.1	EIDW RNAV RWY 10L CAT A,B	06 OCT 2022
	SID	EIDW AD 2.24-15.1	EIDW RNAV RWY 10L CAT C,D	01 DEC 2022
	SID	EIDW AD 2.24-16.1	EIDW RNAV RWY 10R CAT A, B	11 AUG 2022
	SID	EIDW AD 2.24-17.1	EIDW RNAV RWY 10R CAT C, D	16 JUN 2022
	SID	EIDW AD 2.24-18.1	EIDW RNAV RWY 16 CAT A, B	05 NOV 2020
	SID	EIDW AD 2.24-19.1	EIDW RNAV RWY 16 CAT C, D	06 OCT 2022
	SID	EIDW AD 2.24-20.1	EIDW RNAV RWY 34 CAT A, B	05 NOV 2020
	SID	EIDW AD 2.24-21.1	EIDW RNAV RWY 34 CAT C, D	06 OCT 2022
	SID	EIKY AD 2.24-3	EIKY RWY 26 CAT A, B	25 MAR 2021
	SID	EIKY AD 2.24-4	EIKY RWY 26 CAT C	25 MAR 2021
	SID	EIKY AD 2.24-5	EIKY RWY 08 CAT A, B	25 MAR 2021
	SID	EIKY AD 2.24-6	EIKY RWY 08 CAT C	25 MAR 2021
	SID	EINN AD 2.24-5.1	EINN RNAV RWY 06	31 JAN 2019
SID	EINN AD 2.24-6.1	EINN RNAV RWY 24	31 JAN 2019	

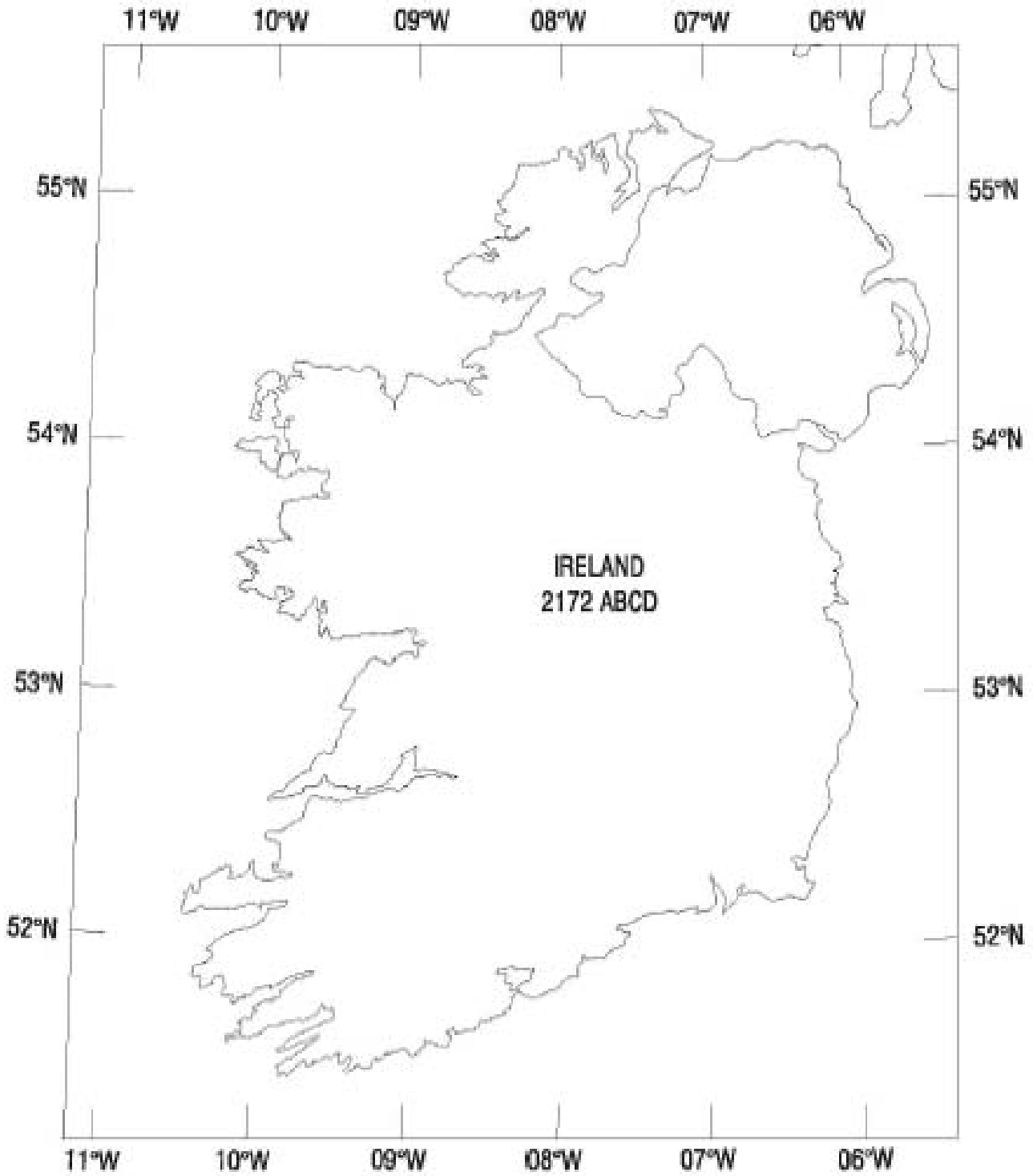
Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
Standard Departure Chart-Instrument (SID) ICAO 1:600,000	SID	EICK AD 2.24-6	EICK RNAV (GNSS) RWY 16 CAT A, B,	26 APR 2018
	SID	EICK AD 2.24-7	EICK RNAV (GNSS) RWY 16 CAT C, D,	26 APR 2018
	SID	EICK AD 2.24-8	EICK RNAV (GNSS) RWY 34 CAT A, B,	26 APR 2018
	SID	EICK AD 2.24-9	EICK RNAV (GNSS) RWY 34 CAT C, D,	26 APR 2018
	SID	EICK AD 2.24-10	EICK RNAV (GNSS) RWY 07 CAT A, B,	26 APR 2018
	SID	EICK AD 2.24-11	EICK RNAV (GNSS) RWY 07 CAT C, D,	26 APR 2018
	SID	EICK AD 2.24-12	EICK RNAV (GNSS) RWY 25 CAT A, B,	26 APR 2018
	SID	EICK AD 2.24-13	EICK RNAV (GNSS) RWY 25 CAT C, D,	26 APR 2018
Standard Departure Chart-Instrument (SID) ICAO 1:300,000	SID	EIKN AD 2.24-4	EIKN RNAV RWY26	13 SEP 2018
	SID	EIKN AD 2.24-5	EIKN RNAV RWY08	13 SEP 2018
Standard Arrival Chart-Instrument (STAR) ICAO 1:750,000	STAR	EIDW AD 2.24-22.1	EIDW RNAV RWY 28L/R (With Lateral Holding/Point Merge)	06 OCT 2022
	STAR	EIDW AD 2.24-22.4	EIDW RNAV RWY 28L/R (Without Lateral Holding/Point Merge)	06 OCT 2022
	STAR	EIDW AD 2.24-23.1	EIDW RNAV RWY 10L/R (with Lateral Holding/Point Merge)	06 OCT 2022
	STAR	EIDW AD 2.24-23.5	EIDW RNAV RWY 10L/R (Without Lateral Holding/Point Merge)	06 OCT 2022
	STAR	EIDW AD 2.24-24.1	EIDW RNAV RWY 16	08 OCT 2020
	STAR	EIDW AD 2.24-25.1	EIDW RNAV RWY 34	08 OCT 2020
	STAR	EINN AD 2.24-7.1	EINN RNAV RWY 06	31 JAN 2019
	STAR	EINN AD 2.24-8.1	EINN RNAV RWY 24	06 DEC 2018
Standard Arrival Chart-Instrument (STAR) ICAO 1:600,000	STAR	EICK AD 2.24-14	EICK RWY 16	11 OCT 2018
	STAR	EICK AD 2.24-15	EICK RWY 34	26 APR 2018
	STAR	EICK AD 2.24-16	EICK RWY 07 CAT A, B	26 APR 2018
	STAR	EICK AD 2.24-17	EICK RWY 25 CAT A, B	11 OCT 2018
Standard Arrival Chart-Instrument (STAR) ICAO 1:400,000	STAR	EIKN AD 2.24-7	EIKN RNAV RWY08	20 JUL 2017
Standard Arrival Chart-Instrument (STAR) ICAO 1:300,000	STAR	EIKN AD 2.24-6	EIKN RNAV RWY26	18 AUG 2016
Instrument Approach Chart ICAO 1: 500,000	IAC	EIDW AD 2.24-38	EIDW RNP RWY 16 CAT A, B, C, D	17 JUN 2021
	IAC	EIDW AD 2.24-39.1	EIDW ILS CAT I or LOC RWY 16	08 OCT 2020
	IAC	EIDW AD 2.24-40.1	EIDW VOR RWY 16	08 OCT 2020
	IAC	EIDW AD 2.24-41	EIDW RNP RWY 34	17 JUN 2021
	IAC	EIDW AD 2.24-42.1	EIDW VOR RWY 34	08 OCT 2020

Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
Instrument Approach Chart ICAO 1:450,000	IAC	EIDW AD 2.24-27.1	EIDW ILS CAT I & II or LOC RWY 28L CAT A,B,C,D	11 AUG 2022
Instrument Approach Chart ICAO 1: 400,000	IAC	EIKN AD 2.24-8.1	EIKN RNP RWY26 CAT A, B, C, D	08 SEP 2022
	IAC	EIKN AD 2.24-14	EIKN RNP RWY08 CAT A, B, C, D	25 MAR 2021
	IAC	EIDW AD 2.24-35.1	EIDW RNP RWY 10R CAT A, B, C, D	01 DEC 2022
Instrument Approach Chart ICAO 1:350,000	IAC	EINN AD 2.24-10.1	EINN ILS OR LOC RWY 06 CAT A,B,C,D	06 DEC 2018
	IAC	EINN AD 2.24-11.1	EINN VOR RWY 26 CAT A, B, C, D	06 DEC 2018
	IAC	EINN AD 2.24-13.1	EINN ILS CAT I & II or LOC RWY 24 CAT A, B, C, D	06 DEC 2018
	IAC	EINN AD 2.24-14.1	EINN VOR RWY 24 CAT A, B, C, D	06 DEC 2018
	IAC	EIKY AD 2.24-8	EIKY ILS OR LOC RWY 26 ACFT CAT A, B, C	08 DEC 2016
	IAC	EIKY AD 2.24-9	EIKY NDB RWY 26 CAT A,B,C	08 DEC 2016
	IAC	EIKN AD 2.24-9	EIKN ILS A CAT I & CAT II or LOC RWY26	18 AUG 2016
	IAC	EIKN AD 2.24-11	EIKN VOR RWY26	18 AUG 2016
	IAC	EIKN AD 2.24-15	EIKN VOR RWY08	18 AUG 2016
	IAC	EIKN AD 2.24-16	EIKN NDB RWY08	18 AUG 2016
	IAC	EIKN AD 2.24-17	EIKN NDB RWY08	18 AUG 2016
	IAC	EICK AD 2.24-25.1	EICK VOR RWY 07	08 SEP 2022
	IAC	EICK AD 2.24-27.1	EICK VOR RWY 25	08 SEP 2022
	IAC	EIDW AD 2.24-26.1	EIDW RNP RWY 28L	11 AUG 2022
	IAC	EIDW AD 2.24-28.1	EIDW VOR RWY 28L	08 OCT 2020
	IAC	EIDW AD 2.24-29.1	EIDW RNP RWY 28R CAT A, B, C, D	01 DEC 2022
	IAC	EIDW AD 2.24-30.1	EIDW ILS CAT I AND II OR LOC RWY 28R CAT A,B,C,D	06 OCT 2022
	IAC	EIDW AD 2.24-32.1	EIDW RNP RWY 10L	01 DEC 2022
	IAC	EIDW AD 2.24-33.1	EIDW ILS CAT I & II OR LOC RWY 10L CAT A,B,C,D	06 OCT 2022
	IAC	EIDW AD 2.24-36.1	EIDW ILS CAT I & II or LOC RWY 10R CAT A,B,C,D	06 OCT 2022
	IAC	EIDW AD 2.24-37.1	EIDW VOR RWY 10R	08 OCT 2020
	IAC	EIDW AD 2.24-45	EIDW VOR T RWY 28L CAT A, B, C, D	21 APR 2022
	IAC	EISG AD 2.24-7.1	EISG RNP Y RWY 10 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-8.1	EISG RNP Z RWY 10 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-9.1	EISG NDB Y RWY 10 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-10.1	EISG NDB Z RWY 10 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-11.1	EISG RNP RWY 28 CAT A, B	22 APR 2021
IAC	EISG AD 2.24-12.1	EISG NDB RWY 28 CAT A, B	22 APR 2021	

Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
Instrument Approach Chart ICAO 1: 330,000	IAC	EIDL AD 2.24-3	EIDL LOC RWY 21	05 APR 2012
	IAC	EIDL AD 2.24-4	EIDL NDB RWY 21	05 APR 2012
	IAC	EIDL AD 2.24-5	EIDL NDB RWY 03	05 APR 2012
	IAC	EIKN AD 2.24-10	EIKN ILS B CAT I & CAT II RWY26	28 APR 2016
	IAC	EIKN AD 2.24-12	EIKN NDB RWY26	28 APR 2016
	IAC	EIKN AD 2.24-13	EIKN NDB RWY26	28 APR 2016
	IAC	EIWF AD 2.24-3	EIWF ILS CAT 1 OR LOC RWY 21 CAT A,B,C	20 JUL 2017
	IAC	EIWF AD 2.24-5	EIWF NDB/DME RWY 21	30 OCT 2003
	IAC	EIWF AD 2.24-6	EIWF NDB RWY 03 CAT A, B, C	08 DEC 2016
Instrument Approach Chart ICAO 1:300,000	IAC	EICK AD 2.24-18	EICK RNP RWY 16	11 OCT 2018
	IAC	EICK AD 2.24-19.1	EICK ILS CAT I & II or LOC RWY 16	11 OCT 2018
	IAC	EICK AD 2.24-20	EICK VOR RWY 16	11 OCT 2018
	IAC	EICK AD 2.24-21	EICK RNP RWY 34	11 OCT 2018
	IAC	EICK AD 2.24-22	EICK ILS CAT I or LOC RWY 34	11 OCT 2018
	IAC	EICK AD 2.24-23	EICK VOR RWY 34	11 OCT 2018
	IAC	EICK AD 2.24-24	EICK RNP RWY 07	31 JAN 2019
	IAC	EICK AD 2.24-26	EICK RNP RWY 25 (LNAV Only)	11 OCT 2018
Instrument Approach Chart ICAO 1:250,000	IAC	EIKY AD 2.24-7	EIKY RNP RWY 26 CAT A, B, C	25 MAR 2021
	IAC	EIKY AD 2.24-10	EIKY RNP RWY 08 CAT A, B, C	20 MAY 2021
	IAC	EIKY AD 2.24-11	EIKY NDB RWY 08 CAT A, B, C	26 MAY 2016
Visual Approach Chart ICAO 1: 250,000	VAC	EICK AD 2.24-28	CORK	10 SEP 2020
	VAC	EIDL AD 2.24-15	DONEGAL	23 MAY 2019
	VAC	EIKN AD 2.24-19	IRELAND WEST/KNOCK	20 MAY 2021
	VAC	EIKY AD 2.24-13	KERRY	25 MAR 2021
	VAC	EINN AD 2.24-15	SHANNON	10 SEP 2020
	VAC	EISG AD 2.24-16	SLIGO	28 JAN 2021
	VAC	EIWF AD 2.24-7	WATERFORD	30 OCT 2003
Visual Approach Chart ICAO 1: 160,000	VAC	EIDW AD 2.24-44	DUBLIN	22 APR 2021
Aerodrome Chart ICAO 1: 25,000	AD	EICK AD 2.24-1	CORK	08 NOV 2018
	AD	EINN AD 2.24-1	SHANNON	26 MAR 2020
Aerodrome Chart ICAO 1: 20,000	AD	EIKN AD 2.24-1	IRELAND WEST	20 MAY 2021
	AD	EIKY AD 2.24-1	KERRY	20 MAY 2021
Aerodrome Chart ICAO 1: 15,000	AD	EIDL AD 2.24-1	DONEGAL	28 MAR 2019
	AD	EIWF AD 2.24-1	WATERFORD	30 OCT 2003
	AD	EIWT AD 2.24-1	WESTON	07 JUN 2007
	AD	EISG AD 2.24-1	SLIGO	28 JAN 2021

Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
Aerodrome Chart ICAO As per Published Chart	AD	EIDW AD 2.24-1	DUBLIN	11 AUG 2022
Aerodrome Obstacle Chart ICAO – Type “A” Horizontal Scale 1:10,000 Vertical Scale 1:1,000	AOC	EICK AD 2.24-3	EICK RWY 07/25	26 APR 2018
	AOC	EICK AD 2.24-4	EICK RWY 16/34	26 APR 2018
	AOC	EIDL AD 2.24-2	EIDL RWY 03/21	28 JUN 2012
	AOC	EIDW AD 2.24-3	EIDW RWY 10R/28L	08 OCT 2020
	AOC	EIDW AD 2.24-4	EIDW RWY 10L/28R	11 AUG 2022
	AOC	EIDW AD 2.24-5	EIDW RWY 16/34	08 OCT 2020
	AOC	EIKN AD 2.24-2	EIKN RWY 08/26	18 AUG 2016
	AOC	EIKY AD 2.24-2	EIKY RWY 08/26	09 APR 2009
	AOC	EINN AD 2.24-4	EINN RWY 06/24	28 SEP 2006
	AOC	EISG AD 2.24-2	EISG RWY 10/28	28 JAN 2021
	AOC	EIWF AD 2.24-2	EIWF RWY 03/21	30 OCT 2003
Aerodrome Obstacle Chart ICAO – Type “B”	AOC	EICK/Type B/Ver 1	EICK	-
	AOC	EIDL/Type B/Ver 1	EIDL	-
	AOC	EIDW/Type B/Ver 1	EIDW	-
	AOC	EIKN/Type B/Ver 1	EIKN	-
	AOC	EIKY/ Type B/Ver 1	EIKY	-
	AOC	EINN/Type B/Ver 1	EINN	-
	AOC	EISG/Type B/Ver 1	EISG	-
	AOC	EIWF/Type B/Ver 1	EIWF	-
Precision Approach Terrain Chart Horizontal Scale 1:2,500 Vertical Scale 1:500	PATC	EICK AD 2.24-5	EICK RWY 16	26 APR 2018
	PATC	EIDW AD 2.24-6	EIDW RWY 28L	08 OCT 2020
	PATC	EIDW AD 2.24-7	EIDW RWY 28R	11 AUG 2022
	PATC	EIDW AD 2.24-8	EIDW RWY 10L	11 AUG 2022
	PATC	EIDW AD 2.24-9	EIDW RWY 10R	25 FEB 2021
	PATC	EIKN AD2.24-3	EIKN RWY 27	21 MAR 2002
	PATC	EINN AD 2.24-3	EINN RWY 24	06 DEC 2018
Aircraft Parking/Docking Chart – ICAO 1:5,000	APDC	EICK AD 2.24-2	CORK	26 APR 2018
	APDC	EINN AD 2.24-2	SHANNON	25 APR 2019
Aircraft Parking/Docking Chart – ICAO 1:6,000	APDC	EIDW AD 2.24-2	DUBLIN	03 NOV 2022
ATC Surveillance Minimum Altitude Chart - ICAO 1:850,000		EIDW AD 2.24-43.1	DUBLIN	01 DEC 2022
ATC Surveillance Minimum Altitude Chart - ICAO 1:700,000		EINN AD 2.24-16	SHANNON	17 JUN 2021
ATC Surveillance Minimum Altitude Chart - ICAO 1:600,000		EICK AD 2.24-29.1	CORK	25 MAR 2021

6. INDEX TO WORLD AERONAUTICAL CHARTS – ICAO 1:500,000



7. TOPOGRAPHICAL CHARTSRefer to [GEN 3.2.3](#)**8. CORRECTIONS TO CHARTS NOT CONTAINED IN THE AIP**

Chart	Location	Correction
NIL	NIL	NIL

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ENR 2 AIR TRAFFIC SERVICES AIRSPACE

ENR 2.1 FIR, UIR, TMA

Name, Lateral limits, Vertical limits, Class of Airspace	Unit providing service	Call Sign. Languages. Area and conditions of use. Hours of Service	Frequency / Purpose	Remarks
1	2	3	4	5
Shannon FIR 5520N 00655W, 5425N 00810W, 5355N 00530W, 5220N 00530W, 5100N 00800W, 5100N 01500W, 5400N 01500W, 5434N 01000W, 5445N 00900W, 5520N 00815W, 5525N 00720W, 5520N 00655W, SFC/FL245 - Class C/G/A	ATS Shannon	Shannon Control English H24	127.500MHz 124.700MHz 119.075MHz	Frequency 127.500MHz is to be used for the provision of FIS below FL075 in Class G airspace. FRA FL075/FL245 (Class C/ A, Excluding Dublin CTA)
Shannon UIR/UTA 5520N 00655W, 5425N 00810W, 5355N 00530W, 5220N 00530W, 5100N 00800W, 5100N 01500W, 5400N 01500W, 5434N 01000W, 5445N 00900W, 5520N 00815W, 5525N 00720W, 5520N 00655W, FL245/ FL 660 - Class C FL660/ UNL - Class G	ATS Shannon	Shannon Control English H24	131.150MHz 132.150MHz	131.150MHz at or North of the line joining TOBOR and SLANY. 132.150MHz South of the line joining TOBOR and SLANY. See Chart ENR 6-3 Scottish ATS provides ATS within following area 5520N 00655W, 5425N 00810W, 5438N 00940W, 5445N 00900W, 5520N 00815W, 5525N 00720W, 5520N 00655W, FRA FL245/UNL (Class C/G)
Dublin CTA 533445N 0055420W, 533445N 0062411W, arc 10NM radius centre 532621N 0061508W 532347N 0063117W, 532359N 0063500W, 533531N 0063500W, arc 15NM radius centre 532621N 0061508W, 533445N 0055420W. 1500FT/FL245 - Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel
Dublin CTA Stub 532403N 0063626W, arc anti-clockwise 5NM radius centre 532110N 0062938W, 532127N 0063758W, 532202N 0064237W, 532428N 0064426W, 532403N 0063626W. 1500FT/FL245 - Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel

Name, Lateral limits, Vertical limits, Class of Airspace	Unit providing service	Call Sign. Languages. Area and conditions of use. Hours of Service	Frequency / Purpose	Remarks
1	2	3	4	5
Dublin CTA 534602N 0053000W, 530551N 0053000W, arc 34NM radius centre 532621N 0061508W, 525328N 0060108W, 531144N 0060943W, arc 15NM radius centre 532621N 0061508W, 533531N 0063500W, 532359N 0063500W, 532428N 0064426W, 531529N 0063746W, 531838N 0064556W, arc 20NM radius centre 532621N 0061508W, 534540N 0060637W, 535016N 0060308W, arc 25NM radius centre 532621N 0061508W, 534053N 0054104W, 534602N 0053000W 2500FT/FL245 – Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel
Dublin CTA 531144N 0060943W, 530207N 0060511W, arc 25NM radius centre 532621N 0061508W, 530131N 0061057W, 531124N 0061332W, arc 15NM radius centre 532621N 0061508W, 531144N 0060943W. 3000FT/FL245 - Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel
Dublin CTA 535016N 0060308W, 534540N 0060637W, arc 20NM radius centre 532621N 0061508W, 531838N 0064556W, 531529N 0063746W, 531437N 0063707W, 531432N 0065153W, arc 25NM radius centre 532621N 0061508W, 535016N 0060308W. 3500FT/FL245 - Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel
Dublin CTA 535500N 0053000W, 534602N 0053000W, 534053N 0054104W, arc 25NM radius centre 532621N 0061508W, 531432N 0065153W, 531439N 0062130W, 531152N 0062130W ARC ANTI-CLOCKWISE 15NM RADIUS CENTRE 532621N 0061508W 531124N 0061332W, 530131N 0061057W, arc 25NM radius centre 532621N 0061508W 530207N 0060511W, 525500N 0060151W, 525500N 0065000W, 524534N 0065000W, 530527N 0072000W, 534508N 0072000W, 540943N 0064538W 4500FT/FL245 – Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel

Name, Lateral limits, Vertical limits, Class of Airspace	Unit providing service	Call Sign. Languages. Area and conditions of use. Hours of Service	Frequency / Purpose	Remarks
1	2	3	4	5
Dublin CTA (East) 530551N 0053000W, 524534N 0053000W, 524534N 0055727W, 525328N 0060108W, arc 34NM radius centre 532621N 0061508W, 530551N 0053000W 4500FT/FL245 – Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel
Dublin CTA 533445N 0055420W, arc 15NM radius centre 532621N 0061508W, 531152N 0062130W, 531439N 0062130W, 531437N 0063707W, 532202N 0064237W, 532127N 0063758W, arc 5NM radius centre 532110N 0062938W, 532403N 0063626W, 532347N 0063117W, arc 10NM radius centre 532621N 0061508W, 533445N 0062411W, 533445N 0055420W. 5000FT/FL245 - Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel
Dublin CTA 524534N 0053000W, 522000N 0053000W, 523650N 0063701W, 524534N 0065000W, 525500N 0065000W, 525500N 0060151W, 524534N 0055727W, 524534N 0053000W FL075/FL245 – Class C	ATS Dublin	Dublin Control English H24	129.180 135.655	Dublin ACC Upper North 8.33 kHz Channel Dublin ACC Upper South 8.33 kHz Channel
Shannon CTA (Shannon) 524539N 0083131W, circle 15NM radius centre 524207N 0085529W, 524539N 0083131W, 524846N 0082758W, arc 18NM radius centre 524207N 0085529W, 524019N 0082604W, 523902N 0081444W, arc 25NM radius centre 524207N 0085529W, 525106N 0081705W, 524846N 0082758W 2500ft/FL245 - Class C	ATS Shannon	Shannon Control English H24	124.700MHz	

Name, Lateral limits, Vertical limits, Class of Airspace	Unit providing service	Call Sign. Languages. Area and conditions of use. Hours of Service	Frequency / Purpose	Remarks
1	2	3	4	5
Shannon CTA (Shannon) 525106N 0081705W, 524846N 0082758W, arc 18NM radius centre 524207N 0085529W, 524019N 0082604W, arc 25NM radius centre 524207N 0085529W, 523902N 0081444W, 525106N 0081705W, 531117N 0084412W, arc 30NM radius centre 524207N 0085529W, 521519N 0083335W, arc 25NM radius centre 515029N 0082928W, 515216N 0090931W, 520202N 0093903W, arc 10NM radius centre 521051N 0093126W, 521630N 0094449W, 522447N 0093534W, arc 30NM radius centre 524207N 0085529W, 531102N 0090824W, arc 10NM radius centre 531801N 0085630W, 531117N 0084412W. 3500ft/FL245 - Class C	ATS Shannon	Shannon Control English H24	124.700MHz	
Shannon CTA (Shannon) Circle 15NM radius centre 524207N 0085529W. 5000ft/FL245 - Class C	ATS Shannon	Shannon Control English H24	124.700MHz	
Shannon CTA (Shannon, Coonagh Stub) 524539N 0083131W, arc 15NM radius centre 524207N 0085529W, 523004N 0084053W, 523828N 0084053W, arc 1.5NM radius centre 523958N 0084053W, 524102N 0083908W. 1000ft/5000ft - Class C	ATS Shannon	Shannon Approach English H24	121.400MHz	
Shannon CTA (Connaught) Circle 10NM radius centre 535437N 0084907W 5000ft/FL075 - Class C	ATS Shannon / ATS Connaught	Shannon Control / Connaught Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Connaught AD.
Shannon CTA (Connaught, Eastern Stub) 540321N 0081729W, 535332N 0081418W, 535124N 0083307W, Arc anti clockwise 10NM radius centre 535437N 0084907W, 540112N 0083622W. 2500ft/FL075 - Class C	ATS Shannon / ATS Connaught	Shannon Control / Connaught Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Connaught AD.
Shannon CTA (Connaught, Western Stub) 535748N 0090509W, Arc anti clockwise 10NM radius centre 535437N 0084907W, 534801N 0090147W, 534545N 0092031W, 535532N 0092356W. 2500ft/FL075 - Class C	ATS Shannon / ATS Connaught	Shannon Control / Connaught Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Connaught AD.

Name, Lateral limits, Vertical limits, Class of Airspace	Unit providing service	Call Sign. Languages. Area and conditions of use. Hours of Service	Frequency / Purpose	Remarks
1	2	3	4	5
Shannon CTA (Connaught, Southern Stub) 534801N 0090147W, arc anti clockwise 10NM radius centre 535437N 0084907W, 535124N 0083307W, 535332N 0081418W, 540321N 0081729W, 540512N 0080051W, 535030N 0075605W, 534052N 0091848W, 534545N 0092031W. 4500ft/FL075 - Class C	ATS Shannon	Shannon Control/ Connaught Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Connaught AD.
Shannon CTA (Cork) 520429N 0085231W, arc 20NM radius centre 515029N 0082928W, 515531N 0090042W, 515415N 0085253W, arc 15NM radius centre 515029N 0082928W, 520058N 0084646W. 2500ft/FL245 - Class C	ATS Shannon/ ATS Cork	Shannon Control / Cork Approach English H24	119.900MHz	
Shannon CTA (Cork) Circle 15NM radius centre 515029N 0082928W. 5000ft/FL245 - Class C	ATS Shannon/ ATS Cork	Shannon Control / Cork Approach English H24	119.900MHz	
Shannon CTA (Donegal) 551217N 0082504W, arc 10NM radius centre 550239N 0082028W, 550224N 0083750W. 5000ft/FL075 - Class C	ATS Shannon/ ATS Donegal	Shannon Control/ Donegal Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Donegal AD
Shannon CTA (Donegal, Northern Stub) 551936N 0080004W, 550900N 0080702W, arc 10NM radius centre 550239N 0082028W, 551230N 0082323W, 551440N 0082158W, 552000N 0081500W, 552051N 0080555W. 2500ft/FL075 - Class C	ATS Shannon/ ATS Donegal	Shannon Control/ Donegal Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Donegal AD
Shannon CTA (Donegal, Southern Stub) 545249N 0081734W, 544212N 0082423W, 544539N 0084035W, 545616N 0083349W, arc 10NM radius centre 550239N 0082028W. 2500ft/FL075 - Class C	ATS Shannon/ ATS Donegal	Shannon Control/ Donegal Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Donegal AD
Shannon CTA (Eglinton 1500 Stub) 545506N 0072926W - 550205N 0073332W - 550527N 0071520W 1500ft/FL075 - Class C	ATS Shannon/ ATS Eglinton	Shannon Control/ Eglinton Approach English H24	119.075MHz/ 123.625MHz	Airspace classification changes to Class G when ATC service is not provided by Eglinton AD Consult UK AIP and NOTAM for hours of ATC Service at Eglinton Airport.

Name, Lateral limits, Vertical limits, Class of Airspace	Unit providing service	Call Sign. Languages. Area and conditions of use. Hours of Service	Frequency / Purpose	Remarks
1	2	3	4	5
Shannon CTA (Eglinton 2000 Stub) 545506N 0072926W - 545212N 0073329W - 550114N 0073807W - 550205N 0073332W 2000ft/FL075 - Class C	ATS Shannon / ATS Eglinton	Shannon Control/ Eglinton Approach English H24	119.075MHz/ 123.625MHz	Airspace classification changes to Class G when ATC service is not provided by Eglinton AD Consult UK AIP and NOTAM for hours of ATC Service at Eglinton Airport.
Shannon CTA (Eglinton 3000 Stub) 550527N 0071520W - 550317N 0072703W – then following an Arc of a circle 10nm radius centred on 550234N 0070943W - 551217N 0070547W 3000ft/FL075 - Class C	ATS Shannon / ATS Eglinton	Shannon Control/ Eglinton Approach English H24	119.075MHz/ 123.625MHz	Airspace classification changes to Class G when ATC service is not provided by Eglinton AD Consult UK AIP and NOTAM for hours of ATC Service at Eglinton Airport.
Shannon CTA (Kerry) Circle 10NM radius centre 521051N 0093126W. 5000ft/FL075 - Class C	ATS Shannon / ATS Kerry	Shannon Control / Kerry Tower English H24	124.700MHz	Airspace classification changes to Class G when ATC service is not provided by Kerry AD.
Shannon CTA (Kerry Eastern Stub) 521721N 0090040W, 521228N 0085802W, 520853N 0091530W, arc 10NM radius centre 521051N 0093126W, 521821N 0092041W, 521947N 0091346W, arc 25NM radius centre 524207N 0085529W. 2500ft/3500ft Class C	ATS Shannon / ATS Kerry	Shannon Control / Kerry Tower English H24	124.700MHz	Airspace classification changes to Class G when ATC service is not provided by Kerry AD.
Shannon CTA (Kerry Western Stub) 521247N 0094722W, arc 10NM radius centre 521051N 0093126W, 520320N 0094206W, 520117N 0095149W, 521043N 0095707W. 2500ft/FL075 - Class C	ATS Shannon / ATS Kerry	Shannon Control / Kerry Tower English H24	124.700MHz	Airspace classification changes to Class G when ATC service is not provided by Kerry AD.
Shannon CTA (Sligo) Circle 10NM radius centre 541649N 0083557W. 5000ft/FL075 - Class C	ATS Shannon / ATS Sligo	Shannon Control / Sligo Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Sligo AD.
Shannon CTA (Sligo Eastern Stub) 541803N 0080050W, 540815N 0080402W, 541020N 0082259W, arc 10NM radius centre 541649N 0083557W, 542009N 0081952W. 2500ft/FL075 - Class C	ATS Shannon / ATS Sligo	Shannon Control / Sligo Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Sligo AD.
Shannon CTA (Sligo Western Stub) 542316N 0084859W, arc 10NM radius centre 541649N 0083557W, 541326N 0085160W, 541524N 0091102W, 542514N 0090806W. 2500ft/FL075 - Class C	ATS Shannon / ATS Sligo	Shannon Control / Sligo Tower English H24	119.075MHz	Airspace classification changes to Class G when ATC service is not provided by Sligo AD.

Name, Lateral limits, Vertical limits, Class of Airspace	Unit providing service	Call Sign. Languages. Area and conditions of use. Hours of Service	Frequency / Purpose	Remarks
1	2	3	4	5
Shannon CTA (Waterford) Circle 10NM radius centre 521114N 0070513W. 5000ft/FL075 - Class C	ATS Shannon / ATS Waterford	Shannon Control / Waterford Tower English H24	124.700MHz	Airspace classification changes to Class G when ATC service is not provided by Waterford AD.
Shannon CTA (Waterford Northern Stub) 523140N 0070107W, 522804N 0064552W, 521730N 0065234W, arc 10NM radius centre 521114N 0070513W, 522106N 0070746W. 2500ft/FL075 - Class C	ATS Shannon / ATS Waterford	Shannon Control / Waterford Tower English H24	124.700MHz	Airspace classification changes to Class G when ATC service is not provided by Waterford AD.
Shannon CTA (Waterford Southern Stub) 520456N 0071749W, arc 10NM radius centre 521114N 0070513W, 520122N 0070241W, 515048N 0070915W, 515421N 0072420W. 2500ft/FL075 - Class C	ATS Shannon / ATS Waterford	Shannon Control / Waterford Tower English H24	124.700MHz	Airspace classification changes to Class G when ATC service is not provided by Waterford AD.

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ENR 5 NAVIGATION WARNINGS**ENR 5.1 PROHIBITED AREAS, RESTRICTED AREAS, AND DANGER AREAS****Prohibited Areas**

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EIP8 PORTLAOISE, CO. LAOISE A circle radius 2NM centred on 530130.00N 0071800.00W	5000ft AMSL/GND	H24
EIP9 LIMERICK CITY PRISON A circle radius 1NM centred on 523930.00N 0083659.00W	2000ft AMSL/GND	H24
EIP10 CURRAGH MILITARY CAMP, CO. KILDARE 530916N 0065247W - 530943N 0064927W - 530900N 0064816W - 530749N 0064759W - 530851N 0065245W - 530916N 0065247W	5000ft AMSL/GND	H24
EIP11 PHOENIX PARK, DUBLIN A circle radius 1NM centred on 532134.00N 0061859.00W	1000ft AMSL/GND	H24
EIP18 MOUNTJOY PRISON, DUBLIN A circle radius 0.5NM centred on 532144.00N 0061601.00W	550ft AMSL/GND	H24

Restricted Areas

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EIR15 532000N 0062130W - 531439N 0062130W - 531437N 0063707W - 532202N 0064237W - 532034N 0063056W - 532000N 0062130W	3000ft AMSL/SFC	Active MON-FRI 0900-1730 UTC (Winter) MON-FRI 0800-1630 UTC (Summer) May be activated at short notice outside published hours. Restricted for use by State aircraft. Penetration possible by civil aircraft provided prior permission obtained from, and subject to compliance with any conditions and instructions issued by MIL ATS, Casement Aerodrome. Aircraft must be operational Mode C transponder equipped. Information on activity status AVBL from ATS Dublin, ATS Shannon and MIL ATS 122.000MHz.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EIR16 - Designated for charting reference as B. Area contained by 532339N 0064350W, 531437N 0063707W, 531041N 0064856W, - arc 15NM radius of 531811N 0062719W, - 532359N 0065024W, 532339N 0064350W.	FL240 / 1000ft AMSL	Active MON-FRI 0900-1730 UTC (Winter) MON-FRI 0800-1600 UTC (Summer) May be activated at short notice outside published hours. Restricted for use by State aircraft. Penetration possible by civil aircraft provided prior permission obtained from, and subject to compliance with any conditions and instructions issued by MIL ATS, Casement Aerodrome. Aircraft must be operational Mode C transponder equipped. Information on activity status AVBL from ATS Dublin, ATS Shannon and MIL ATS 122.000 MHz.
EIR16 - Designated for charting reference as C. Area contained by 532359N 0065024W, - arc 15NM radius of 531811N 0062719W, - 531041N 0064856W, 530815N 0065612W, - arc 20NM radius of 531811N 0062719W, - 532425N 0065912W, 532359N 0065024W.	FL240 / 1500ft AMSL	
EIR16 - Designated for charting reference as D. Area contained by 531439N 0062542W, 531021N 0063359W, 531437N 0063707W, 531439N 0062542W.	4500ft AMSL/ 1500ft AMSL	
EIR16 - Designated for charting reference as E. Area contained by 531437N 0063707W, 531021N 0063359W, 530607N 0064207W, - arc 15NM radius of 531811N 0062719W, - 531041N 0064856W, 531437N 0063707W.	FL240 / 2500ft AMSL	
EIR16 - Designated for charting reference as F. Area contained by 531041N 0064856W, - arc 15NM radius of 531811N 0062719W, - 530607N 0064207W, 530247N0064829W, - arc 20NM radius of 531811N 0062719W, - 530815N0065612W, 531041N 0064856W.	FL240 / 3500ft AMSL	
EIR16 - Designated for charting reference as G. Area contained by 530815N 0065612W, - arc 20NM radius of 531811N 0062719W, - 530247N 0064829W, 525609N 0070104W, - arc 30NM radius of 531811N 0062719W, -530324N 0071035W, 530815N 0065612W.	FL240 / 4500ft AMSL	
EIR16 - Designated for charting reference as H. Area contained by 532425N 0065912W, - arc 20NM radius of 531811N 0062719W, - 530815N 0065612W, 530324N 0071035W, - arc 30NM radius of 531811N 0062719W, - 532514N 0071559W, 532425N 0065912W.	FL240 / 2500ft AMSL	
EIR22 A circle radius 1NM centred on 542932.00N 0081440.00W	1000ft AMSL/SFC	Active H24. Restricted for use by State aircraft. Penetration possible by civil aircraft provided prior permission obtained from Military ATS, Casement Aerodrome.
EIR23 A circle radius 1NM centred on 531800.00N 0062652.00W	2000ft AMSL/SFC	Active H24. Restricted for use by State aircraft. Penetration possible by civil aircraft provided prior permission obtained from Military ATS, Casement Aerodrome.

Danger Areas

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
EID1 GORMANSTON 534137N 0061229W then a counter-clockwise arc radius centred on 533843N 0061348W - 533754N 0060857W - 533557N 0055740W then a counter-clockwise arc radius centred on 533843N 0061348W - 534822N 0060926W - 534137N 0061229W	40000ft AMSL/SFC	NOTAM Military Firing Range Activity by NOTAM FRA Intermediate Point: ASKUP, GIMRO, ULTAG
EID5 GLEN OF IMAAL, CO. WICKLOW 530248N 0062419W - 525508N 0062436W - 525701N 0063454W - 530027N 0063340W - 530124N 0063203W - 530248N 0062419W	40000ft AMSL/GND	NOTAM Military Firing Range and UAV Flying Activity by NOTAM FRA Intermediate Point: GURGA, LUSAT, ADMUP, KOMER
EID6 KILWORTH, CO. CORK 521400N 0081505W - 521430N 0081200W - 521305N 0081140W - 521255N 0081420W - 521400N 0081505W	8000ft AMSL/GND	NOTAM Military Firing Range Activity by NOTAM
EID13 SEA/COASTAL AREA SSW OF CORK 513412N 0084236W - 512012N 0083436W - 511736N 0084848W - 513142N 0085706W - 513412N 0084236W	45000ft AMSL/SFC	H24 Military Firing Range Activity by NOTAM FRA Intermediate Point: KOMAG, ORTOM, BIBLA, LILNO
EID14 SEA AREA SW OF KERRY 514605N 0103227W - 513530N 0101801W - 512238N 0104243W - 513317N 0105700W - 514605N 0103227W	45000ft AMSL/SFC	H24 Military Firing Range Activity by NOTAM FRA Intermediate Point: LODLA, LINRA, UNLID, AMDEP
<i>Note: Information for operators to navigate around notified active danger areas within FRA is contained in ENR 1.10</i>		

UAS Geographical Zones: Data related to UAS Geographical Zones is available at:

URL: <https://www.iaa.ie/general-aviation/drones>

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STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

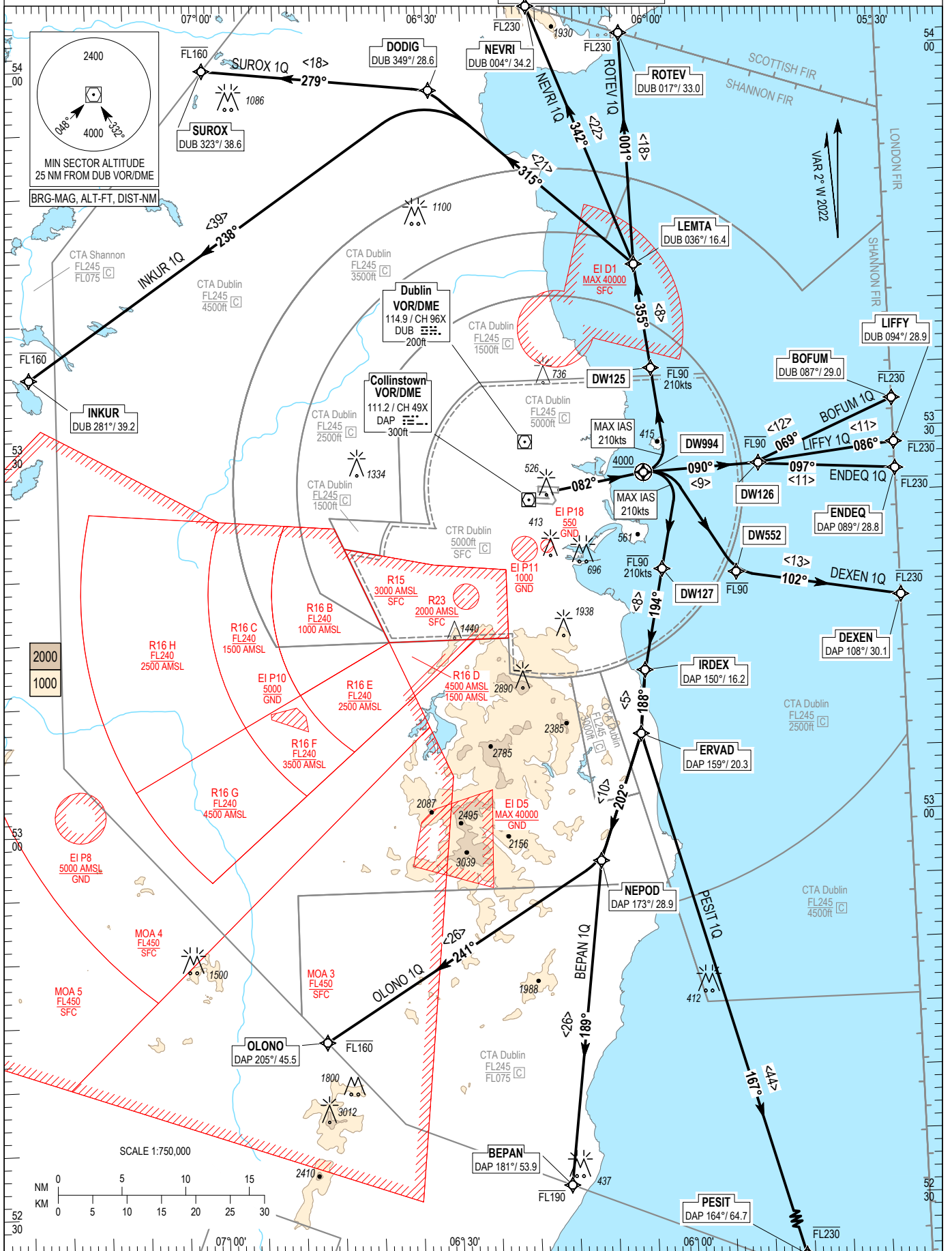
TRANS ALT 5000ft
TRANS LEVEL by ATC

ATIS DEP
TWR NTH
DEP North
DEP South

129.640
124.680
127.865
123.990

DUBLIN RWY 10L, CAT C, D

BOFUM 1Q, LIFFY 1Q, DEXEN 1Q, PESIT 1Q, BEPAN 1Q, OLONO 1Q,
ENDEQ 1Q, INKUR 1Q, SUROX 1Q, NEVRI 1Q, ROTEV 1Q.



NOTES: 1. Climb gradient 9.1% (550 ft/NM)(3.3% for obstacle clearance). 2. Close-in obstacles (poles and streetlights) to the right of departure track exist. 3. Integrity check fix available from RADAR. 4. On passing 2000ft contact Dublin Departure North or South as appropriate. 5. For BOFUM, LIFFY, ENDEQ and DEXEN MAX IAS: 290kts above FL100.

CHANGE: Speed restriction visual representation amended.

BEPAN 1Q CAT C/D SID RWY10L

BEPA1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	210	081° DAP / D9.2 DAP
RNAV1	DW127	531937.2 / 0060104.7	DF	Fly-By	-	-	-FL090 / -	210	Turn R
RNAV1	IRDEX	531145.1 / 0060350.1	TF	Fly-By	191.9 / 194	8.1	-	-	-
RNAV1	ERVAD	530647.1 / 0060440.4	TF	Fly-By	185.8 / 188	5.0	-	-	Turn L
RNAV1	NEPOD	525657.2 / 0061029.8	TF	Fly-By	199.7 / 202	10.5	-	-	Turn R
RNAV1	BEPAN	523136.2 / 0061549.5	TF	Fly-By	187.3 / 189	25.6	-FL190 / -	-	Turn L

BOFUM 1Q CAT C/D SID RWY10L

BOFU1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	-	081° DAP / D9.2 DAP
RNAV1	DW126	532736.7 / 0054753.6	TF	Fly-By	087.4 / 090	9.0	-FL090 / -	-	Turn R
RNAV1	BOFUM	533214.0 / 0053000.0	TF	Fly-By	066.5 / 069	11.6	-FL230 / -	290	Turn L

DEXEN 1Q CAT C/D SID RWY10L

DEXE1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	-	081° DAP / D9.2 DAP
RNAV1	DW552	531909.3 / 0055123.7	DF	Fly-By	-	-	-FL090 / -	-	Turn R
RNAV1	DEXEN	531649.4 / 0053000.0	TF	Fly-By	100.2 / 102	13.0	-FL230 / -	290	Turn L

ENDEQ 1Q CAT C/D SID RWY10L

ENDE1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	-	081° DAP / D9.2 DAP
RNAV1	DW126	532736.7 / 0054753.6	TF	Fly-By	087.4 / 090	9.0	-FL090 / -	-	Turn R
RNAV1	ENDEQ	532644.4 / 0053000.0	TF	Fly-By	094.5 / 097	10.7	-FL230 / -	290	Turn R

INKUR 1Q CAT C/D SID RWY10L

INKU1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	210	081° DAP / D9.2 DAP
RNAV1	DW125	533523.2 / 0060130.2	DF	Fly-By	-	-	-FL090 / -	210	Turn L
RNAV1	LEMTA	534334.3 / 0060311.6	TF	Fly-By	353.0 / 355	8.3	-	-	-
RNAV1	DODIG	535746.0 / 0062934.0	TF	Fly-By	312.5 / 315	21.1	-	-	Turn L
RNAV1	INKUR	533551.3 / 0072328.6	TF	Fly-By	235.9 / 238	38.8	-FL160 / -	-	Turn L

LIFFY 1Q CAT C/D SID RWY10L

LIFF1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	-	081° DAP / D9.2 DAP
RNAV1	DW126	532736.7 / 0054753.6	TF	Fly-By	087.4 / 090	9.0	-FL090 / -	-	Turn R
RNAV1	LIFFY	532848.3 / 0053000.0	TF	Fly-By	083.5 / 086	10.8	-FL230 / -	290	Turn L

NEVRI 1Q CAT C/D SID RWY10L

NEVR1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	210	081° DAP / D9.2 DAP
RNAV1	DW125	533523.2 / 0060130.2	DF	Fly-By	-	-	-FL090 / -	210	Turn L
RNAV1	LEMTA	534334.3 / 0060311.6	TF	Fly-By	353.0 / 355	8.3	-	-	-
RNAV1	NEVRI	540406.0 / 0061611.4	TF	Fly-By	339.6 / 342	22.0	-FL230 / -	-	Turn L

OLONO 1Q CAT C/D SID RWY10L
OLON1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	210	081° DAP / D9.2 DAP
RNAV1	DW127	531937.2 / 0060104.7	DF	Fly-By	-	-	-FL090 / -	210	Turn R
RNAV1	IRDEX	531145.1 / 0060350.1	TF	Fly-By	191.9 / 194	8.1	-	-	-
RNAV1	ERVAD	530647.1 / 0060440.4	TF	Fly-By	185.8 / 188	5.0	-	-	Turn L
RNAV1	NEPOD	525657.2 / 0061029.8	TF	Fly-By	199.7 / 202	10.5	-	-	Turn R
RNAV1	OLONO	524323.1 / 0064644.4	TF	Fly-By	238.5 / 241	25.8	-FL160 / -	-	Turn R

PESIT 1Q CAT C/D SID RWY10L
PESI1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	210	081° DAP / D9.2 DAP
RNAV1	DW127	531937.2 / 0060104.7	DF	Fly-By	-	-	-FL090 / -	210	Turn R
RNAV1	IRDEX	531145.1 / 0060350.1	TF	Fly-By	191.9 / 194	8.1	-	-	-
RNAV1	ERVAD	530647.1 / 0060440.4	TF	Fly-By	185.8 / 188	5.0	-	-	Turn L
RNAV1	PESIT	522356.6 / 0054524.0	TF	Fly-By	164.6 / 167	44.5	-FL230 / -	-	Turn L

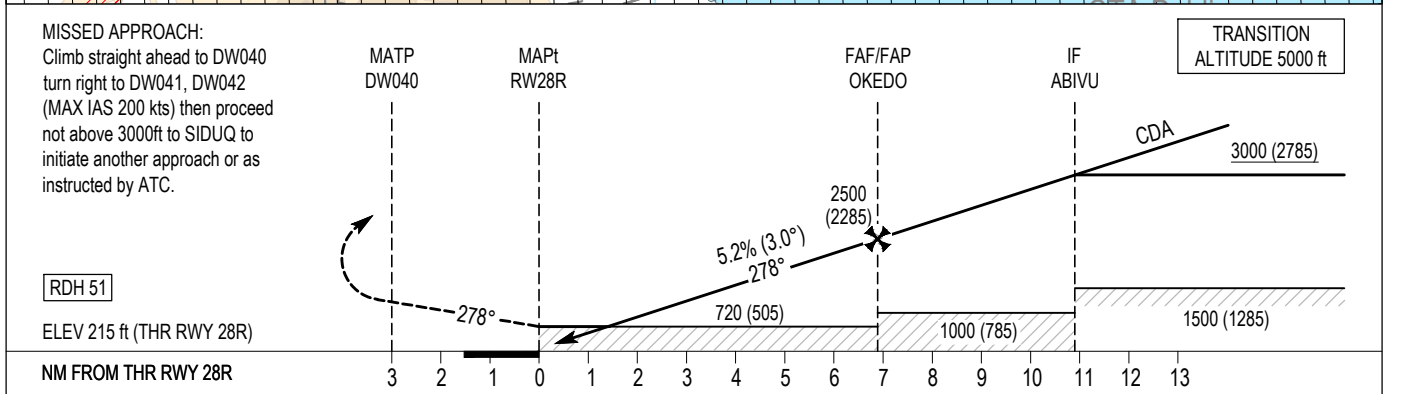
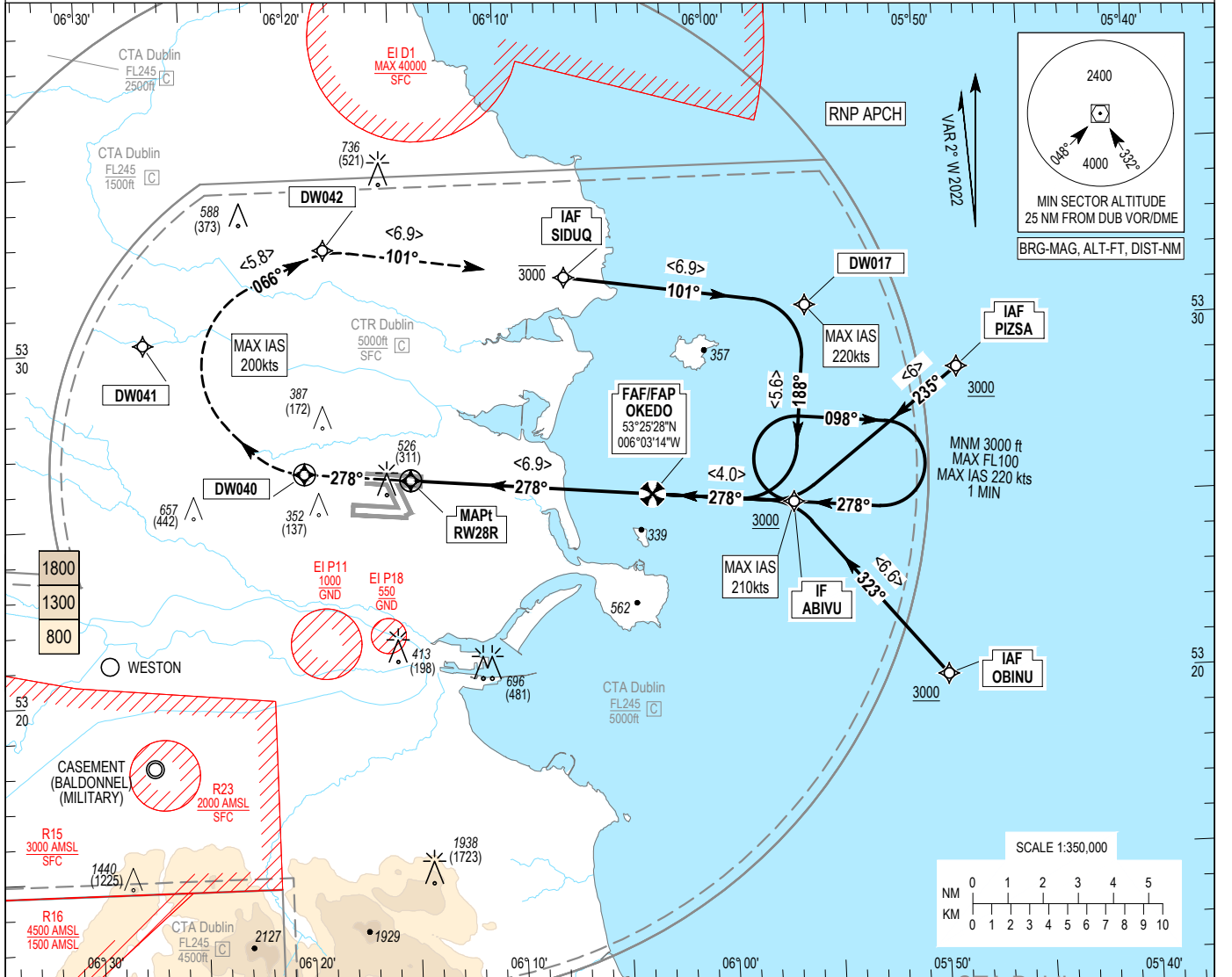
ROTEV 1Q CAT C/D SID RWY10L
ROTE1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	210	081° DAP / D9.2 DAP
RNAV1	DW125	533523.2 / 0060130.2	DF	Fly-By	-	-	-FL090 / -	210	Turn L
RNAV1	LEMTA	534334.3 / 0060311.6	TF	Fly-By	353.0 / 355	8.3	-	-	-
RNAV1	ROTEV	540143.7 / 0060358.4	TF	Fly-By	358.6 / 001	18.2	-FL230 / -	-	Turn R

SUROX 1Q CAT C/D SID RWY10L
SURO1Q

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)	Remarks
RNAV1	DW994	532713.5 / 0060300.7	CF	Fly-Over	080.3 / 082	-	- / +A4000	210	081° DAP / D9.2 DAP
RNAV1	DW125	533523.2 / 0060130.2	DF	Fly-By	-	-	-FL090 / -	210	Turn L
RNAV1	LEMTA	534334.3 / 0060311.6	TF	Fly-By	353.0 / 355	8.3	-	-	-
RNAV1	DODIG	535746.0 / 0062934.0	TF	Fly-By	312.5 / 315	21.1	-	-	Turn L
RNAV1	SUROX	535948.0 / 0065936.5	TF	Fly-By	276.8 / 279	17.9	-FL160 / -	-	Turn L

<p>INSTRUMENT APPROACH CHART- ICAO</p>	<p>AERODROME ELEV 243 ft HEIGHTS RELATED TO THR RWY 28R - ELEV 215 ft</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>ATIS ARR</td><td>124.530</td></tr> <tr><td>APP</td><td>121.100</td></tr> <tr><td>FINALS</td><td>119.930</td></tr> <tr><td>TWR NTH</td><td>124.680</td></tr> <tr><td>GND NTH</td><td>125.855</td></tr> </table>	ATIS ARR	124.530	APP	121.100	FINALS	119.930	TWR NTH	124.680	GND NTH	125.855	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>SBAS</td><td>CH 74379</td></tr> <tr><td>E28B</td><td></td></tr> </table>	SBAS	CH 74379	E28B		<p>DUBLIN/DUBLIN RNP RWY 28R (ACFT A, B, C, D) MNM TEMP -10°C (BARO VNAV) MAX TEMP 50°C (BARO VNAV)</p>
ATIS ARR	124.530																	
APP	121.100																	
FINALS	119.930																	
TWR NTH	124.680																	
GND NTH	125.855																	
SBAS	CH 74379																	
E28B																		



OCA (H)	A	B	C	D	<p>NOTE: 1. Pilots should request RNP Approach on first contact with APCH.</p>				
LNAV	720 (505)								
LNAV / VNAV	550 (335)	580 (365)	600 (385)		Recommended LNAV Profile on Final Approach				
LPV	581 (366)	591 (376)	600 (385)	610 (395)					
Visual Manoeuvring (Heights AAL)	830 (588)		1100 (858)						
		DIST from THR (NM)							
			2	3	4	5	6		
			900 (685)	1220 (1005)	1540 (1325)	1855 (1640)	2175 (1960)		
		Ground Speed							
			kts	80	100	110	120	140	160
		Descent rate gradient - 5.2% (3.0°) 318 ft/NM							
			ft / min	430	530	580	640	740	850

Dublin RNP RWY 28R via SIDUQ

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	SIDUQ	533142.4 / 0060703.6	IF	-	-	-	- / +A3000	-	-	-
RNP APCH	DW017	533039.7 / 0055538.6	TF	Fly-By	098.7 / 101	6.9	-	220	-	-
RNP APCH	ABIVU	532505.7 / 0055631.5	TF	Fly-By	185.4 / 188	5.6	- / +A3000	210	-	Turn R
RNP APCH	OKEDO	532528.2 / 0060314.0	TF	Fly-By	275.4 / 278	4.0	-	-	-	Turn R
RNP APCH	RW28R	532606.7 / 0061441.9	TF	Fly-Over	275.4 / 278	6.9	-	-	-	3.00 / 51
RNP APCH	DW040	532623.8 / 0061944.4	CF	Fly-Over	275.4 / 278	-	-A3000 / -	200	-	R318 D1.4 DAP
RNP APCH	DW041	533011.9 / 0062712.8	DF	Fly-By	-	-	-A3000 / -	200	-	Turn R
RNP APCH	DW042	533244.1 / 0061829.1	TF	Fly-By	063.9 / 066	5.8	-A3000 / -	200	-	Turn R
RNP APCH	SIDUQ	533142.4 / 0060703.6	TF	Fly-By	098.5 / 101	6.9	-A3000 / -	-	-	Turn R

Dublin RNP RWY 28R via PIZSA

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	PIZSA	532844.3 / 0054833.6	IF	-	-	-	- / +A3000	-	-	-
RNP APCH	ABIVU	532505.7 / 0055631.5	TF	Fly-By	232.6 / 235	6.0	- / +A3000	210	-	-
RNP APCH	OKEDO	532528.2 / 0060314.0	TF	Fly-By	275.4 / 278	4.0	-	-	-	Turn R
RNP APCH	RW28R	532606.7 / 0061441.9	TF	Fly-Over	275.4 / 278	6.9	-	-	-	-
RNP APCH	DW040	532623.8 / 0061944.4	CF	Fly-Over	275.4 / 278	-	-A3000 / -	200	3.00 / 51	R318 D1.4 DAP
RNP APCH	DW041	533011.9 / 0062712.8	DF	Fly-By	-	-	-A3000 / -	200	-	Turn R
RNP APCH	DW042	533244.1 / 0061829.1	TF	Fly-By	063.9 / 066	5.8	-A3000 / -	200	-	Turn R
RNP APCH	SIDUQ	533142.4 / 0060703.6	TF	Fly-By	098.5 / 101	6.9	-A3000 / -	-	-	Turn R

Dublin RNP RWY 28R via OBINU

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	OBINU	532001.7 / 0054931.2	IF	-	-	-	- / +A3000	-	-	-
RNP APCH	ABIVU	532505.7 / 0055631.5	TF	Fly-By	320.5 / 323	6.6	- / +A3000	210	-	-
RNP APCH	OKEDO	532528.2 / 0060314.0	TF	Fly-By	275.4 / 278	4.0	-	-	-	Turn L
RNP APCH	RW28R	532606.7 / 0061441.9	TF	Fly-Over	275.4 / 278	6.9	-	-	-	-
RNP APCH	DW040	532623.8 / 0061944.4	CF	Fly-Over	275.4 / 278	-	-A3000 / -	200	3.00 / 51	R318 D1.4 DAP
RNP APCH	DW041	533011.9 / 0062712.8	DF	Fly-By	-	-	-A3000 / -	200	-	Turn R
RNP APCH	DW042	533244.1 / 0061829.1	TF	Fly-By	063.9 / 066	5.8	-A3000 / -	200	-	Turn R
RNP APCH	SIDUQ	533142.4 / 0060703.6	TF	Fly-By	098.5 / 101	6.9	-A3000 / -	-	-	Turn R

Hold Identification – ABIVU

Holding Fix	Latitude (N) / Longitude (W)	Inbound True Track (degrees)	Inbound Mag Track (degrees)	Maximum Indicated Airspeed (kts)	Minimum Holding Altitude/ Level (FL/ft)	Maximum Holding Altitude/ Level (FL/ft)	Outbound time (min)	Direction of Turn
ABIVU	532505.7 / 0055631.5	275.4	278	220	+A3000	-FL100	1	R

SBAS FAS Data Block Coding Data
Dublin RNP RWY28R

Input Data	
Operation Type	0
Service Provider	1 (EGNOS)
Airport Identifier	EIDW
Runway	28
Runway Letter	1 (R)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E28B
LTP / FTP Latitude	532606.7320N
LTP / FTP Longitude	0061441.8660W
LTP / FTP Ellipsoidal Height	121.1 m
FPAP Latitude	532614.6230N
Delta FPAP Latitude	7.8910 seconds
FPAP Longitude	0061705.3205W
Delta FPAP Longitude	-143.4545 seconds
Threshold Crossing Height	51
TCH Units Selector	0 (feet)
Glidepath Angle	3 °
Course Width	105 m
Length Offset	0 m
HAL	40 m
VAL	35 m
Output Data	
Data Block	10 17 04 09 05 5C 00 00 02 38 32 05 18 91 EE 16 6C E8 51 FD BB 18 A6 3D 00 43 9F FB FE 01 2C 01 64 00 C8 AF 60 E3 1D 4A
Calculated CRC Value	60E31D4A
Required Additional Data	
ICAO Code	EI
LTP/FTP Orthometric Height	65.5 m
SBAS EGNOS Channel	74379

Dublin RNP RWY 10L via OSLEX

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	OSLEX	532155.8 / 0064144.5	IF	-	-	-	- / +A5000	-	-	-
RNP APCH	SUBOF	532732.5 / 0064052.5	TF	Fly-By	005.3 / 007	5.6	- / +A4000	220	-	-
RNP APCH	EBEZA	532700.2 / 0063102.2	TF	Fly-By	095.2 / 097	5.9	-	-	-	Turn R
RNP APCH	RW10L	532613.8 / 0061650.2	TF	Fly-Over	095.1 / 097	8.5	-	-	3.00 / 51	-
RNP APCH	DW901	532600.2 / 0061233.4	CF	Fly-Over	095.0 / 097	2.6	-	200	-	R082 DAP/D3.4 DAP
RNP APCH	DW902	532846.7 / 0060330.3	DF	Fly-By	-	-	-	200	-	Turn L
RNP APCH	DW903	533238.5 / 0061030.2	TF	Fly-By	312.8 / 315	5.7	-A3000 / -	200	-	Turn L
RNP APCH	BATAF	533236.0 / 0062320.5	TF	Fly-By	269.8 / 272	7.7	- / +A3000	200	-	Turn L

Dublin RNP RWY 10L via BATAF

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	BATAF	533236.0 / 0062320.5	IF	-	-	-	-	-	-	-
RNP APCH	IFBAP	533230.8 / 0064006.2	TF	Fly-By	269.6 / 272	10.0	- / +A4000	-	-	-
RNP APCH	SUBOF	532732.5 / 0064052.5	TF	Fly-By	185.3 / 187	5.0	- / +A4000	220	-	Turn L
RNP APCH	EBEZA	532700.2 / 0063102.2	TF	Fly-By	095.2 / 097	5.9	-	-	-	Turn L
RNP APCH	RW10L	532613.8 / 0061650.2	TF	Fly-Over	095.1 / 097	8.5	-	-	3.00 / 51	-
RNP APCH	DW901	532600.2 / 0061233.4	CF	Fly-Over	095.0 / 097	2.6	-	200	-	R082 DAP / D3.4 DAP
RNP APCH	DW902	532846.7 / 0060330.3	DF	Fly-By	-	-	-	200	-	Turn L
RNP APCH	DW903	533238.5 / 0061030.2	TF	Fly-By	312.8 / 315	5.7	-A3000 / -	200	-	Turn L
RNP APCH	BATAF	533236.0 / 0062320.5	TF	Fly-By	269.8 / 272	7.7	- / +A3000	200	-	Turn L

Dublin RNP RWY 10L via IFBAP

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	IFBAP	533230.8 / 0064006.2	IF	-	-	-	- / +A4000	-	-	-
RNP APCH	SUBOF	532732.5 / 0064052.5	TF	Fly-By	185.3 / 187	5.0	- / +A4000	220	-	-
RNP APCH	EBEZA	532700.2 / 0063102.2	TF	Fly-By	095.2 / 097	5.9	-	-	-	Turn L
RNP APCH	RW10L	532613.8 / 0061650.2	TF	Fly-Over	095.1 / 097	8.5	-	-	3.00 / 51	-
RNP APCH	DW901	532600.2 / 0061233.4	CF	Fly-Over	095.0 / 097	2.6	-	200	-	R082 DAP / D3.4 DAP
RNP APCH	DW902	532846.7 / 0060330.3	DF	Fly-By	-	-	-	200	-	Turn L
RNP APCH	DW903	533238.5 / 0061030.2	TF	Fly-By	312.8 / 315	5.7	-A3000 / -	200	-	Turn L
RNP APCH	BATAF	533236.0 / 0062320.5	TF	Fly-By	269.8 / 272	7.7	- / +A3000	200	-	Turn L

Dublin RNP RWY 10L via SUBOF

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	SUBOF	532732.5 / 0064052.5	IF	-	-	-	- / +A4000	220	-	-
RNP APCH	EBEZA	532700.2 / 0063102.2	TF	Fly-By	095.2 / 097	5.9	-	-	-	-
RNP APCH	RW10L	532613.8 / 0061650.2	TF	Fly-Over	095.1 / 097	8.5	-	-	3.00 / 51	-
RNP APCH	DW901	532600.2 / 0061233.4	CF	Fly-Over	095.0 / 097	2.6	-	200	-	R082 DAP / D3.4 DAP
RNP APCH	DW902	532846.7 / 0060330.3	DF	Fly-By	-	-	-	200	-	Turn L
RNP APCH	DW903	533238.5 / 0061030.2	TF	Fly-By	312.8 / 315	5.7	-A3000 / -	200	-	Turn L
RNP APCH	BATAF	533236.0 / 0062320.5	TF	Fly-By	269.8 / 272	7.7	- / +A3000	200	-	Turn L

Hold Identification – SUBOF

Holding Fix	Latitude (N) / Longitude (W)	Inbound True Track (degrees)	Inbound Mag Track (degrees)	Maximum Indicated Airspeed (kts)	Minimum Holding Altitude/ Level (FL/ft)	Maximum Holding Altitude/ Level (FL/ft)	Outbound time (min)	Direction of Turn
SUBOF	532732.5 / 0064052.5	095.1	097	220	+A4000	-FL100	1	L

SBAS FAS Data Block Coding Data
Dublin RNP RWY10L

Input Data	
Operation Type	0
Service Provider	1
Airport Identifier	EIDW
Runway	10
Runway Letter	3 (L)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E10B
LTP / FTP Latitude	532613.7945N
LTP / FTP Longitude	0061650.2190W
LTP / FTP Ellipsoidal Height	127.8 m
FPAP Latitude	532605.3920N
Delta FPAP Latitude	-8.4025 seconds
FPAP Longitude	0061417.5990W
Delta FPAP Longitude	152.6200 seconds
Threshold Crossing Height	51
TCH Units Selector	0 (feet)
Glidepath Angle	3 °
Course Width	105 m
Length Offset	0 m
HAL	40 m
VAL	35 m
Output Data	
Data Block	10 17 04 09 05 CA 00 00 02 30 31 05 45 C8 EE 16 AA FD 4D FD FE 18 5B BE FF 58 A8 04 FE 01 2C 01 64 00 C8 AF 50 6E DE 8A
Calculated CRC Value	506EDE8A
Required Additional Data	
ICAO Code	EI
LTP/FTP Orthometric Height	71.6 m
SBAS EGNOS Channel	52341

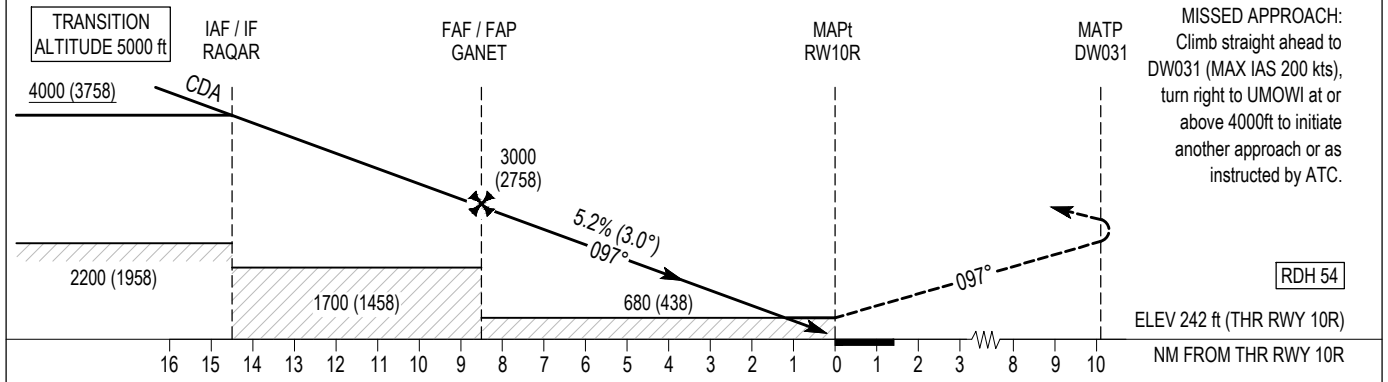
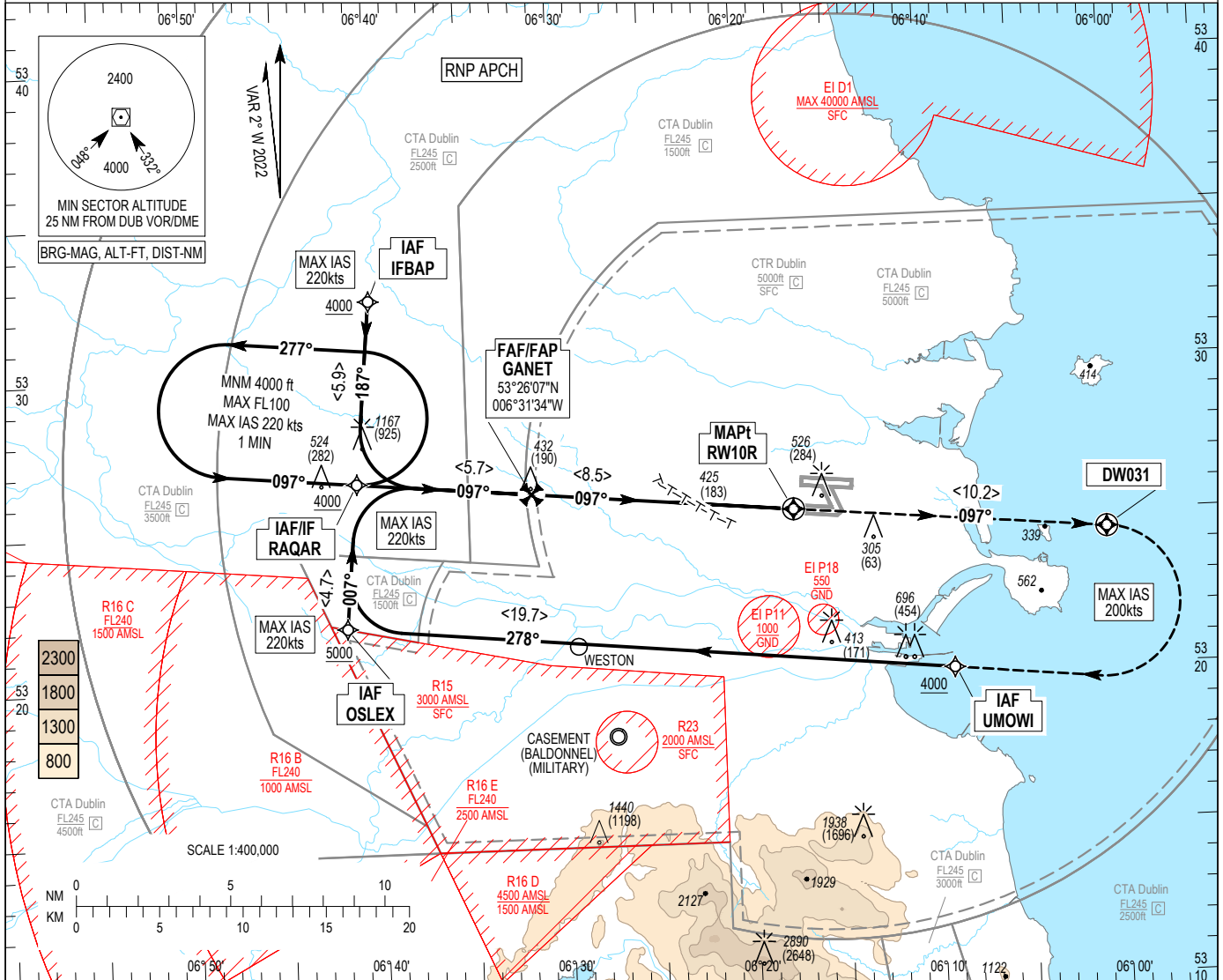
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 243 ft
HEIGHTS RELATED TO THR RWY 10R - ELEV 242 ft

ATIS ARR 124.530
APP 121.100
FINALS 119.930
TWR STH 118.600
GND STH 121.800

SBAS
CH 41225
E10A

DUBLIN/DUBLIN
RNP RWY 10R
(ACFT CAT A, B, C, D)
MNM TEMP -10°C (BARO VNAV)
MAX TEMP 50°C (BARO VNAV)



OCA (H)	A	B	C	D
	680 (438)			
LNAV	680 (438)			
LNAV / VNAV	530 (288)	540 (298)	560 (318)	590 (348)
LPV	566 (324)	576 (334)	585 (343)	595 (353)
Visual Manoeuvring (Heights AAL)	830 (588)		1100 (858)	

NOTE:
1. Pilots should request RNP Approach on first contact with APCH.
2. Motorway running almost parallel with RWY 10R/28L, 0.6NM to South of RWY.

Recommended LNAV Profile on Final Approach

DIST from THR (NM)	8	7	6	5	4	3	2
ALT / HT (ft)	2845 (2603)	2525 (2283)	2205 (1963)	1890 (1648)	1570 (1328)	1250 (1008)	935 (693)
Ground Speed	fts	80	100	110	120	140	160
Descent rate gradient - 5.2% (3.0°) 318 ft/NM	ft / min	430	530	580	640	740	850

CHANGE: AD elevation, RAQAR label, Profile, Notes.

Dublin RNP RWY10R via UMOWI

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	UMOWI	532002.9 / 0060859.1	IF	-	-	-	- / +A4000	-	-	-
RNP APCH	OSLEX	532155.8 / 0064144.5	TF	Fly-By	275.7 / 278	19.7	- / +A4000	220	-	-
RNP APCH	RAQAR	532636.1 / 0064101.2	TF	Fly-By	005.3 / 007	4.7	- / +A4000	220	-	R
RNP APCH	GANET	532606.5 / 0063133.8	TF	Fly-By	094.9 / 097	5.7	-	-	-	R
RNP APCH	RW10R	532520.7 / 0061724.3	TF	Fly-Over	095.1 / 097	8.5	-	-	3.00 / 54	-
RNP APCH	DW031	532425.9 / 0060029.2	CF	Fly-Over	095.1 / 097	10.2	-	200	-	-
RNP APCH	UMOWI	532002.9 / 0060859.1	DF	Fly-By	-	-	- / +A4000	200	-	R

Dublin RNP RWY10R via OSLEX

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	OSLEX	532155.8 / 0064144.5	IF	-	-	-	- / +A5000	220	-	-
RNP APCH	RAQAR	532636.1 / 0064101.2	TF	Fly-By	005.3 / 007	4.7	- / +A4000	220	-	-
RNP APCH	GANET	532606.5 / 0063133.8	TF	Fly-By	094.9 / 097	5.7	-	-	-	R
RNP APCH	RW10R	532520.7 / 0061724.3	TF	Fly-Over	095.1 / 097	8.5	-	-	3.00 / 54	-
RNP APCH	DW031	532425.9 / 0060029.2	CF	Fly-Over	095.1 / 097	10.2	-	200	-	-
RNP APCH	UMOWI	532002.9 / 0060859.1	DF	Fly-By	-	-	- / +A4000	200	-	R

Dublin RNP RWY10R via RAQAR

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	RAQAR	532636.1 / 0064101.2	IF	-	-	-	- / +A4000	220	-	-
RNP APCH	GANET	532606.5 / 0063133.8	TF	Fly-By	094.9 / 097	5.7	-	-	-	-
RNP APCH	RW10R	532520.7 / 0061724.3	TF	Fly-Over	095.1 / 097	8.5	-	-	3.00 / 54	-
RNP APCH	DW031	532425.9 / 0060029.2	CF	Fly-Over	095.1 / 097	10.2	-	200	-	-
RNP APCH	UMOWI	532002.9 / 0060859.1	DF	Fly-By	-	-	- / +A4000	200	-	R

Dublin RNP RWY10R via IFBAP

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	IFBAP	533230.8 / 0064006.2	IF	-	-	-	- / +A4000	220	-	-
RNP APCH	RAQAR	532636.1 / 0064101.2	TF	Fly-By	185.3 / 187	5.9	- / +A4000	220	-	-
RNP APCH	GANET	532606.5 / 0063133.8	TF	Fly-By	094.9 / 097	5.7	-	-	-	L
RNP APCH	RW10R	532520.7 / 0061724.3	TF	Fly-Over	095.1 / 097	8.5	-	-	3.00 / 54	-
RNP APCH	DW031	532425.9 / 0060029.2	CF	Fly-Over	095.1 / 097	10.2	-	200	-	-
RNP APCH	UMOWI	532002.9 / 0060859.1	DF	Fly-By	-	-	- / +A4000	200	-	R

Hold Identification – RAQAR

Holding Fix	Latitude (N) / Longitude (W)	Inbound True Track (degrees)	Inbound Mag Track (degrees)	Maximum Indicated Airspeed (kts)	Minimum Holding Altitude/ Level (FL/ft)	Maximum Holding Altitude/ Level (FL/ft)	Outbound time (min)	Direction of Turn
RAQAR	532636.1 / 0064101.2	094.8	097	220	+A4000	-FL100	1	L

SBAS FAS Data Block Coding Data
Dublin RNP RWY10R

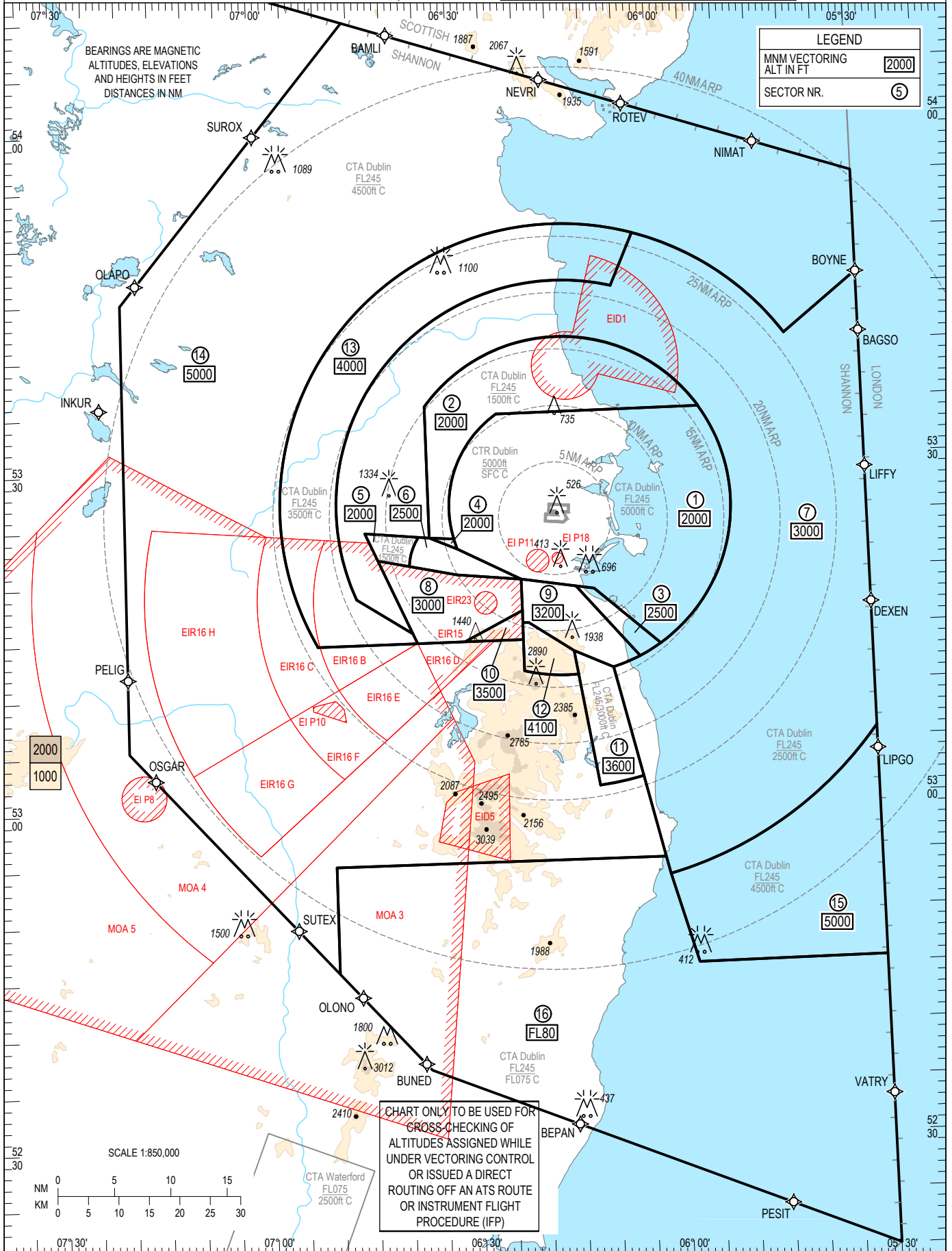
Input Data	
Operation Type	0
Service Provider	1 (EGNOS)
Airport Identifier	EIDW
Runway	10
Runway Letter	1 (R)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E10A
LTP / FTP Latitude	532520.7500N
LTP / FTP Longitude	0061724.2700W
LTP / FTP Ellipsoidal Height	130.3 m
FPAP Latitude	532512.7035N
Delta FPAP Latitude	-8.0465 seconds
FPAP Longitude	0061457.2460W
Delta FPAP Longitude	147.0240 seconds
Threshold Crossing Height	54
TCH Units Selector	0 (feet)
Glidepath Angle	3 °
Course Width	105 m
Length Offset	96 m
HAL	40 m
VAL	35 m
Output Data	
Data Block	10 17 04 09 05 4A 00 00 01 30 31 05 DC 29 ED 16 A4 F3 4C FD 17 19 23 C1 FF A0 7C 04 1C 02 2C 01 64 0C C8 AF E6 8A 58 DA
Calculated CRC Value	E68A58DA
Required Additional Data	
ICAO Code	EI
LTP/FTP Orthometric Height	73.8 m
SBAS EGNOS Channel	41225

ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ICAO

AERODROME ELEV 242ft
TRANS ALT 5000ft
TRANS LEVEL by ATC

Dublin ATIS	124.530	Dublin APP	121.100
Dublin TWR	118.600	Dublin GND	121.800
ACC Lower North	132.580	ACC Upper North	129.180
ACC Lower South	120.755	ACC Upper South	135.655

DUBLIN / DUBLIN



CHANGE: MAG VAR & MSA removed. Note 1: Sector 16 changed to FL80 RWY 28R and 10L Added.

NOTES:

1. Levels/altitudes assigned by ATC include a correction for low temperature effect where necessary.
2. Max IAS 250 KT below FL100.
3. COMMUNICATION FAILURE: In accordance with procedures described in AIP Ireland EIDW AD 2.22, paragraph 5.3 Communications failure procedures for arriving aircraft.

ATC Surveillance Minimum Altitude Coordinates

Sector 1. MNM ALT **A2000**

53°34'41"N 006°24'22"W, arc 10 NM radius centre
53°26'21"N 006°15'08"W, 53°22'52"N 006°30'48"W,
53°20'00"N 006°21'30"W, 53°18'57"N 006°10'47"W,
53°13'54"N 006°01'14"W, arc 15 NM radius centre
53°26'21"N 006°15'08"W, 53°34'45"N 005°54'20"W,
53°34'41"N 006°24'22"W

Sector 2. MNM ALT **A2000**

53°34'41"N 006°24'22"W, arc 10 NM radius centre
53°26'21"N 006°15'08"W, 53°23'46"N 006°31'16"W,
53°23'55"N 006°34'55"W, 53°35'31"N 006°35'00"W,
arc 15 NM radius centre 53°26'21"N 006°15'08"W,
53°34'45"N 005°54'20"W, 53°34'41"N 006°24'22"W

Sector 3. MNM ALT **A2500**

53°13'54"N 006°01'14"W, 53°18'57"N 006°10'47"W
53°19'13"N 006°13'27"W, 53°12'50"N 006°04'22"W
arc 15 NM radius centre 53°26'21"N 006°15'08"W,
53°13'54"N, 006°01'14"W

Sector 4. MNM ALT **A2000**

53°22'52"N 006°30'48"W, 53°23'55"N 006°34'55"W,
53°23'46"N 006°31'16"W, arc 10 NM radius centre
53°26'21"N 006°15'08"W, 53°22'52"N 006°30'48"W

Sector 5. MNM ALT **A2000**

53°24'01"N 006°36'30"W,
arc 5 NM radius centre 53°21'10"N 006°29'38"W,
53°21'27"N 006°37'58"W, 53°22'02"N 006°42'37"W,
53°24'28"N 006°44'26"W, 53°24'01"N 006°36'30"W

Sector 6. MNM ALT **A2500**

53°23'55"N 006°34'55"W, 53°22'52"N 006°30'48"W,
53°20'00"N 006°21'30"W, 53°20'06"N 006°23'12"W,
53°20'34"N 006°30'56"W, 53°21'27"N 006°37'58"W,
arc 5 NM radius centre 53°21'10"N 006°29'38"W,
53°24'01"N 006°36'30"W, 53°23'55"N 006°34'55"W

Sector 7. MNM ALT **A3000**

53°18'38"N 006°45'56"W, 53°15'29"N 006°37'46"W,
53°24'28"N 006°44'26"W, 53°23'55"N 006°34'55"W,
53°35'31"N 006°35'00"W, arc 15 NM radius centre
53°26'21"N 006°15'08"W, 53°11'56"N 006°08'21"W,
52°53'28"N 006°01'08"W, arc 34 NM radius centre
53°26'21"N 006°15'08"W, 53°05'51"N 005°30'00"W,
53°46'02"N 005°30'00"W, 53°40'53"N 005°41'04"W,
arc 25 NM radius centre 53°26'21"N 006°15'08"W,
53°50'16"N 006°03'06"W, 53°45'40"N 006°06'36"W,
arc 20 NM radius centre 53°26'21"N 006°15'08"W,
53°18'38"N 006°45'56"W

Sector 8. MNM ALT **A3000**

53°22'02"N 006°42'37"W, 53°14'36"N 006°37'07"W,
53°14'38"N 006°30'07"W, 53°17'13"N 006°21'30"W,
53°20'00"N 006°21'30"W, 53°20'34"N 006°30'56"W,
53°22'02"N 006°42'37"W

Sector 9. MNM ALT **A3200**

53°11'56"N, 006°08'22"W,
arc 15 NM radius centre 53°26'21"N 006°15'08"W,
53°12'50"N 006°04'22"W, 53°19'13"N 006°13'27"W,
53°20'00"N, 006°21'30"W, 53°17'13"N 006°21'30"W,
53°16'08"N 006°21'30"W, 53°16'08"N 006°20'36"W,
53°13'30"N 006°14'05"W, 53°11'56"N 006°08'22"W

Sector 10. MNM ALT **A3500**

53°17'13"N 006°21'30"W, 53°14'38"N 006°30'07"W,
53°14'39"N 006°21'30"W, 53°17'13"N 006°21'30"W

Sector 11. MNM ALT **A3600**

53°01'31"N 006°10'57"W,
arc 25 NM radius centre 53°26'21"N 006°15'08"W,
53°02'13"N 006°04'32"W, 53°11'56"N 006°08'21"W,
53°13'30"N 006°14'05"W, 53°01'31"N 006°10'57"W

Sector 12. MNM ALT **A4100**

53°11'24"N 006°13'32"W, 53°13'30"N 006°14'05"W,
53°16'08"N 006°20'36"W, 53°16'08"N 006°21'30"W,
53°11'52"N 006°21'30"W, arc 15 NM radius centre
53°26'21"N 006°15'08"W, 53°11'24"N 006°13'32"W

Sector 13. MNM ALT **A4000**

53°18'38"N 006°45'56"W, 53°15'29"N 006°37'46"W,
53°14'36"N 006°37'07"W, 53°14'32"N 006°51'52"W,
arc 25 NM radius centre 53°26'21"N 006°15'08"W,
53°50'16"N 006°03'06"W, 53°45'40"N 006°06'36"W,
arc 20 NM radius centre 53°26'21"N 006°15'08"W,
53°18'38"N 006°45'56"W

Sector 14. MNM ALT **A5000**

54°09'42"N 006°45'38"W, 53°55'00"N 005°30'00"W,
53°46'02"N 005°30'00"W, 53°40'53"N 005°41'04"W,
arc 25 NM radius centre 53°26'21"N 006°15'08"W,
53°14'32"N 006°51'52"W, 53°14'39"N 006°21'30"W,
53°11'52"N 006°21'30"W,
arc 15 NM radius centre 53°26'21"N 006°15'08"W,
53°11'24"N 006°13'32"W, 53°01'31"N 006°10'57"W,
arc 25 NM radius centre 53°26'21"N 006°15'08"W,
53°02'13"N 006°04'32"W, 52°55'00"N 006°01'44"W,
52°55'00"N 006°50'00"W, 52°45'34"N 006°50'00"W,
53°05'26"N 007°20'00"W, 53°45'07"N 007°20'00"W,
54°06'37"N 006°50'00"W, 54°09'42"N 006°45'38"W

Sector 15. MNM ALT **A5000**

53°05'51"N 005°30'00"W, 52°45'34"N 005°30'00"W,
52°45'34"N 005°57'27"W, 52°53'28"N 006°01'08"W,
arc 34 NM radius centre 53°26'21"N 006°15'08"W,
53°05'51"N 005°30'00"W

Sector 16. MNM ALT **FL80**

52°55'00"N 006°50'00"W, 52°55'00"N 006°01'44"W,
52°53'29"N 006°01'08"W, 52°45'34"N 005°57'27"W,
52°45'34"N 005°30'00"W, 52°20'00"N 005°30'00"W,
52°36'50"N 006°37'01"W, 52°45'34"N 006°50'00"W,
52°55'00"N 006°50'00"W