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AIRAC AIP AMDT 006/26

Effective Date – 11 JUN 2026

Publication Date – 30 APR 2026

PAGE REVISIONS

AIRAC Changes incorporated in this Amendment are:

GEN 0.2 **Record of AIP Amendments:** Updated.

GEN 0.3 **Checklist of Valid AIP Supplements.** Updated.

GEN 0.4 **Checklist of AIP Pages:** Updated.

GEN 0.5 **List of Hand Amendments to the AIP:** Removal of reference to EIWF Chart.

GEN 3.2 **Aeronautical Charts:** Updated EIDW and EIKN Charts. Removal of 3 EIWF Charts – EIWF AD 2.24-5, EIWF AD 2.24-8 & EIWF AD 2.24-9.

EIDW AD **Updated Sections:** AD 2.8, AD 2.9, AD 2.12, AD 2.15, AD 2.16, AD 2.20, AD 2.22 & AD 2.24.
AD 2.24 Charts Related to an Aerodrome: Updated EIDW Charts - EIDW AD 2.24-1 & EIDW AD 2.24-2.

EINN AD **Updated Sections:** AD 2.16 & AD 2.20.

EIKN AD **Implementation of new PCR values in EIKN AD 2.8, EIKN AD 2.12 & EIKN AD 2.24-1: Updated Sections:** AD 2.4, AD 2.8, AD 2.9, AD 2.11, AD 2.12, AD 2.13, AD 2.14, AD 2.16, AD 2.17, AD 2.18, AD 2.20 & AD 2.24.
AD 2.24 Charts Related to an Aerodrome: Updated EIKN charts - EIKN AD 2.24-1, EIKN AD 2.24-4, EIKN AD 2.24-5 & EIKN AD 2.24-10. Incorporation of **PERM NOTAM B0624/26 and B0625/26.**

EIWF AD **Updated Section:** AD 2.24.
AD 2.24 Charts Related to an Aerodrome: Removal of 3 EIWF Charts - EIWF AD 2.24-5, EIWF AD 2.24-8 & EIWF AD 2.24-9. Incorporation of **PERM NOTAM B0291/26 and B0292/26.**

Remove Pages	Insert Pages	
GEN 0.2-1/GEN 0.2-2	GEN 0.2-1/GEN 0.2-2	11 JUN 2026/11 JUN 2026
GEN 0.3-1/GEN 0.3-2	GEN 0.3-1/GEN 0.3-2	11 JUN 2026/11 JUN 2026
GEN 0.4-1/GEN 0.4-8	GEN 0.4-1/GEN 0.4-8	11 JUN 2026/11 JUN 2026
GEN 0.5-1/GEN 0.5-2	GEN 0.5-1/GEN 0.5-2	11 JUN 2026/11 JUN 2026
GEN 3.2-1/GEN 3.2-14	GEN 3.2-1/GEN 3.2-14	11 JUN 2026/11 JUN 2026
EIDW AD 2-1/EIDW AD 2-42	EIDW AD 2-1/EIDW AD 2-42	11 JUN 2026/11 JUN 2026
EIDW AD 2.24-1	EIDW AD 2.24-1	11 JUN 2026/11 JUN 2026
EIDW AD 2.24-2	EIDW AD 2.24-2	11 JUN 2026/11 JUN 2026
EINN AD 2-1/EINN AD 2-14	EINN AD 2-1/EINN AD 2-14	11 JUN 2026/11 JUN 2026
EIKN AD 2-1/EIKN AD 2-14	EIKN AD 2-1/EIKN AD 2-14	11 JUN 2026/11 JUN 2026

EIKN AD 2.24-1	EIKN AD 2.24-1	11 JUN 2026/11 JUN 2026
EIKN AD 2.24-4	EIKN AD 2.24-4	11 JUN 2026/11 JUN 2026
EIKN AD 2.24-5	EIKN AD 2.24-5	11 JUN 2026/11 JUN 2026
EIKN AD 2.24-10	EIKN AD 2.24-10	11 JUN 2026/11 JUN 2026
EIWF AD 2-1/EIWF AD 2-12	EIWF AD 2-1/EIWF AD 2-12	11 JUN 2026/11 JUN 2026
	EIWF AD 2.24-5	11 JUN 2026/11 JUN 2026
	EIWF AD 2.24-8	11 JUN 2026/11 JUN 2026
	EIWF AD 2.24-9	11 JUN 2026/11 JUN 2026

New Supplements for this Amendment: **NR 012/26, NR 013/26, NR 014/26, NR 015/26, NR 016/26, NR 017/26.** Incorporation of **PERM NOTAM B1124/23 and B1138/15.**

Supplements Cancelled for this Amendment: **NR 011/26.**

New AIC for this Amendment: **NR 013/26, NR 014/26.**

AIC cancelled in this Amendment: **NR 009/26, NR 012/26.**

PERM NOTAM* incorporated in this Amendment: **B1138/15, B1124/23, B0291/26, B0292/26, B0624/26 & B0625/26.**

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

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Record of AIP Amendments

AIP AMENDMENT			
NR/Year	Publication date	Date Inserted	Inserted by

AIRAC AIP AMENDMENT			
NR/Year	Publication date	Effective date	Inserted by
001/26	11-DEC-2025	22-JAN-2026	
002/26	08-JAN-2026	19-FEB-2026	
003/26	05-FEB-2026	19-MAR-2026	
004/26	05-MAR-2026	16-APR-2026	
005/26	02-APR-2026	14-MAY-2026	
006/26	30-APR-2026	11-JUN-2026	

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GEN 0.3 Record of AIP Supplements

NR/ Year	Subject	AIP Section(s) Affected	Period of Validity	Cancellation Record
017/2026	Checklist of Valid AIP Supplements	GEN	11-Jun-2026	-
016/2026	Shannon Airport (EINN) Extension to Apron adjacent to Aircraft Stands 21 and 22	EINN	11-Jun-2026	-
015/2026	Shannon Airport (EINN) Pavement Reconstruction Works on Taxiway H1 and H2	EINN	11-Jun-2026	-
014/2026	Shannon Enroute - Shannon FIR/UIR/SOTA/NOTA	GEN	11-Jun-2026	-
013/2026	Dublin Airport (EIDW) - Holding Procedure Changed	EIDW	11-Jun-2026	-
012/2026	Dublin Airport (EIDW) NOTAM	EIDW	11-Jun-2026	-
011/2026	Checklist of Valid AIP Supplements	GEN	16-Apr-2026	11-Jun-2026
010/2026	Ireland West (EIKN) ATIS	EIKN	16-Apr-2026	-
009/2026	Dublin Airport (EIDW) - Tower Crane operating in the Vicinity of the Airport	EIDW	16-Apr-2026	-
008/2026	Dublin Airport (EIDW) - Radio Navigation and Landing Aids	EIDW	16-Apr-2026	-
007/2026	Shannon Airport (EINN) - Radio Navigation and Landing Aids	EINN	16-Apr-2026	-
006/2026	Dublin Airport (EIDW) - Radio Navigation and Landing Aids	EIDW	16-Apr-2026	-
005/2026	SHANNON ENROUTE Special Procedures within SHANNON FIR/UIR/SOTA/NOTA for Atlantic Traffic	EISN	16-Apr-2026	-
003/2026	Kerry (EIKY) NOTAM	EIKY	19-Feb-2026	-
002/2026	Dublin Airport (EIDW) - Mobile Cranes operating in the Vicinity of the Airport	EIDW	19-Feb-2026	-
014/2025	Cork Airport (EICK) - Halfway Roundabout VRP	EICK	27-Nov-2025	-
009/2025	Dublin Airport (EIDW) South Apron Taxiway Widening Works - Phase 2,3 and 4	EIDW	02-Oct-2025	-

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

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GEN 0.4 Checklist of AIP Pages

New Pages *

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GEN 0		
0.1-1	14 MAY 2026	
0.1-2	14 MAY 2026	
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2.24-2	26 APR 2018
2.24-3	26 APR 2018
2.24-4	26 APR 2018
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GEN 0.5 LIST OF HAND AMENDMENTS TO THE AIP

AIP page(s) affected	Amendment text		Introduced by AIP Amendment NR
	Change:	To:	
EIKY AD 2.24-9	Fix co-ordinates KY012 and KY013 published incorrectly.	Should read: KY012/SDF 521237.7N 0092253.3W KY013/SDF 521159.3N 0092558.2W	AIRAC Amdt 006/23
ENR 6.2	Addition of waypoint WETFI	WETFI 534947N 0053000W FRA(I): ABV FL245	AIRAC Amdt 006/25
	Remove waypoint PHILI	PHILI removed	
ENR 6.3	Addition of waypoint WETFI	WETFI 534947N 0053000W FRA(I): ABV FL245	AIRAC Amdt 006/25
	Remove waypoint PHILI	PHILI removed	

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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
Topographical information is reproduced under licence by permission of Ordnance Survey Ireland.
Charting service is available during Office hours 0930-1730 Local Time.

2. MAINTENANCE OF CHARTS

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.

2.2. 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

3.1 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

3.2 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

3.3 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

4.1 The following series of aeronautical charts are produced

1. Aeronautical Chart - ICAO 1:500,000
2. Aeronautical Chart 1:250,000
3. Instrument Approach Chart - ICAO *
4. Standard Departure Chart - Instrument (SID) - ICAO *
5. Standard Arrival Chart - Instrument (STAR) - ICAO *
6. Visual Approach Chart - ICAO*
7. Aerodrome Chart - ICAO *
8. Aircraft Parking/Docking Chart - ICAO *
9. Aerodrome Obstacle Chart - ICAO Type “A” (Operating Limitations) *
10. Aerodrome Obstacle Chart - ICAO Type “B”
11. Precision Approach Terrain Chart - ICAO
12. ATC Surveillance Minimum Altitude Chart *

(*included in AIP Ireland)

URL: http://www.iaa.ie

4.2 General Description of Series of Charts

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.

4.2.2 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.

4.2.3 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.

4.2.4 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.

4.2.5 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.

4.2.6 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.

4.2.7 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.

4.2.8 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.

4.2.9 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	EIDW RNAV RWY 28L CAT A, B	05 NOV 2020
	SID	EIDW AD 2.24-11	EIDW RNAV RWY 28L CAT C, D	08 SEP 2022
	SID	EIDW AD 2.24-12	EIDW RNAV RWY 28R CAT A, B	06 OCT 2022
	SID	EIDW AD 2.24-13	EIDW RNAV RWY 28R CAT C, D	20 APR 2023
	SID	EIDW AD 2.24-14	EIDW RNAV RWY 10L CAT A, B	06 OCT 2022
	SID	EIDW AD 2.24-15	EIDW RNAV RWY 10L CAT C, D	20 APR 2023
	SID	EIDW AD 2.24-16	EIDW RNAV RWY 10R CAT A, B	11 AUG 2022
	SID	EIDW AD 2.24-17	EIDW RNAV RWY 10R CAT C, D	16 JUN 2022
	SID	EIDW AD 2.24-18	EIDW RNAV RWY 16 CAT A, B	05 NOV 2020
	SID	EIDW AD 2.24-19	EIDW RNAV RWY 16 CAT C, D	06 OCT 2022
	SID	EIDW AD 2.24-20	EIDW RNAV RWY 34 CAT A, B	05 NOV 2020
	SID	EIDW AD 2.24-21	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	EINN RNAV RWY 06	31 JAN 2019
	SID	EINN AD 2.24-6	EINN RNAV RWY 24	31 JAN 2019

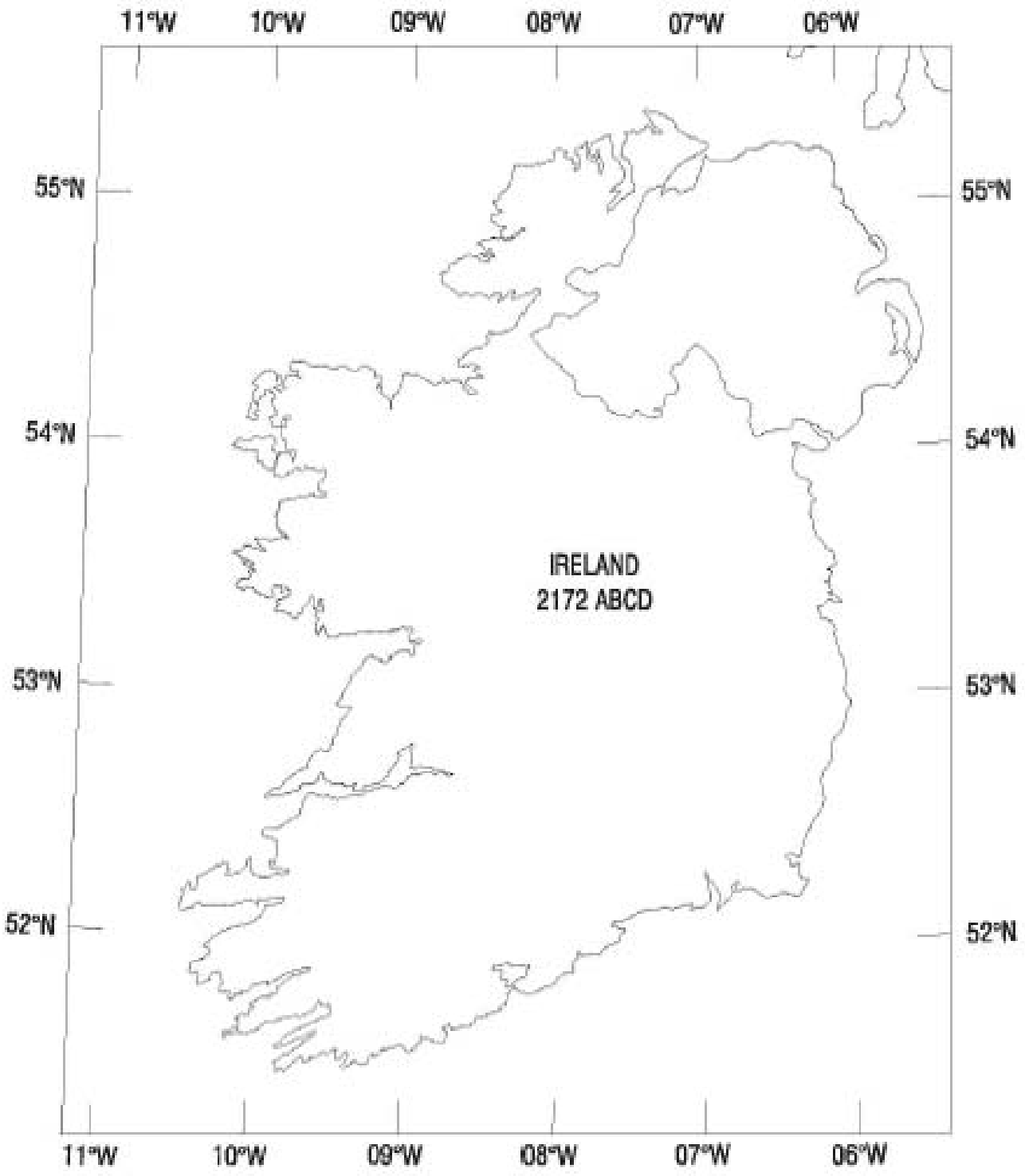
Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
Standard Departure Chart-Instrument (SID) ICAO 1:600,000	SID	EICK AD 2.24-6	EICK RNAV (GNSS) RWY 16 CAT A, B	26 APR 2018
	SID	EICK AD 2.24-7	EICK RNAV (GNSS) RWY 16 CAT C, D	26 APR 2018
	SID	EICK AD 2.24-8	EICK RNAV (GNSS) RWY 34 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 RWY 26 CAT A, B, C, D	11 JUN 2026
	SID	EIKN AD 2.24-5	EIKN RNAV RWY 08 CAT A, B, C, D	11 JUN 2026
Standard Arrival Chart-Instrument (STAR) ICAO 1:750,000	STAR	EIDW AD 2.24-22	EIDW RNAV RWY 28L/R (With Lateral Holding/Point Merge)	16 MAY 2024
	STAR	EIDW AD 2.24-23	EIDW RNAV RWY 10L/R (with Lateral Holding/Point Merge)	16 MAY 2024
	STAR	EIDW AD 2.24-24	EIDW RNAV RWY 16	16 MAY 2024
	STAR	EIDW AD 2.24-25	EIDW RNAV RWY 34	16 MAY 2024
	STAR	EINN AD 2.24-7	EINN RNAV RWY 06	31 JAN 2019
	STAR	EINN AD 2.24-8	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 (STAR) ICAO 1:500,000	STAR	EIKN AD 2.24-7	EIKN RNAV RWY 08 CAT A, B, C, D	19 FEB 2026
Standard Arrival Chart-Instrument (STAR) ICAO 1:400,000	STAR	EIKN AD 2.24-6	EIKN RNAV RWY 26 CAT A, B, C, D	19 FEB 2026
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	EIDW ILS CAT I or LOC RWY 16	08 OCT 2020
	IAC	EIDW AD 2.24-40	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	EIDW VOR RWY 34	08 OCT 2020
Instrument Approach Chart ICAO 1:450,000	IAC	EIDW AD 2.24-27	EIDW ILS CAT I & II or LOC RWY 28L CAT A,B,C,D	11 AUG 2022

Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
Instrument Approach Chart ICAO 1: 400,000	IAC	EIKN AD 2.24-8	EIKN RNP RWY 26 CAT A, B, C, D	19 FEB 2026
	IAC	EIKN AD 2.24-9	EIKN ILS Z CAT I & II OR LOC RWY 26 CAT A, B, C, D	19 FEB 2026
	IAC	EIKN AD 2.24-10	EIKN ILS Y CAT I & II OR LOC RWY 26 CAT A, B, C, D	11 JUN 2026
	IAC	EIKN AD 2.24-13	EIKN RNP RWY 08 CAT A, B, C, D	19 FEB 2026
	IAC	EIDW AD 2.24-35	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	EINN ILS OR LOC RWY 06 CAT A, B, C, D	06 DEC 2018
	IAC	EINN AD 2.24-11	EINN VOR RWY 06 CAT A, B, C, D	06 DEC 2018
	IAC	EINN AD 2.24-13	EINN ILS CAT I & II or LOC RWY 24 CAT A, B, C, D	06 DEC 2018
	IAC	EINN AD 2.24-14	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 2.24-11	EIKN VOR RWY 26 CAT A, B, C, D	19 FEB 2026
	IAC	EIKN AD 2.24.15	EIKN VOR RWY 08 CAT A, B, C, D	19 FEB 2026
	IAC	EICK AD 2.24-25	EICK VOR RWY 07	08 SEP 2022
	IAC	EICK AD 2.24-27	EICK VOR RWY 25	08 SEP 2022
	IAC	EIDW AD 2.24-26	EIDW RNP RWY 28L	11 AUG 2022
	IAC	EIDW AD 2.24-28	EIDW VOR RWY 28L	08 OCT 2020
	IAC	EIDW AD 2.24-29	EIDW RNP RWY 28R CAT A, B, C, D	01 DEC 2022
	IAC	EIDW AD 2.24-30	EIDW ILS CAT I AND II OR LOC RWY 28R CAT A, B, C, D	06 OCT 2022
	IAC	EIDW AD 2.24-32	EIDW RNP RWY 10L	01 DEC 2022
	IAC	EIDW AD 2.24-33	EIDW ILS CAT I & II OR LOC RWY 10L CAT A, B, C, D	11 JUL 2024
	IAC	EIDW AD 2.24-36	EIDW ILS CAT I & II or LOC RWY 10R CAT A, B, C, D	06 OCT 2022
	IAC	EIDW AD 2.24-37	EIDW VOR RWY 10R	08 OCT 2020
	IAC	EIDW AD 2.24-46	EIDW RNP T RWY 28L	15 MAY 2025
	IAC	EISG AD 2.24-7	EISG RNP Y RWY 10 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-8	EISG RNP Z RWY 10 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-9	EISG NDB Y RWY 10 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-10	EISG NDB Z RWY 10 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-11	EISG RNP RWY 28 CAT A, B	22 APR 2021
	IAC	EISG AD 2.24-12	EISG NDB RWY 28 CAT A, B	22 APR 2021
Instrument Approach Chart ICAO 1: 330,000	IAC	EIWF AD 2.24-3	EIWF ILS CAT 1 OR LOC RWY 21 CAT A, B, C	20 JUL 2017
	IAC	EIWF AD 2.24-6	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

Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
	IAC	EICK AD 2.24-19	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
	IAC	EIDL AD 2.24-7	EIDL RNP RWY 02 CAT A, B, C	12 JUN 2025
	IAC	EIDL AD 2.24-9	EIDL RNP RWY 20 CAT A, B, C	12 JUN 2025
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
	IAC	EIKN AD 2.24-12	EIKN NDB RWY 26 CAT A, B	19 FEB 2026
	IAC	EIKN AD 2.24-14	EIKN NDB RWY 08 CAT A, B	19 FEB 2026
	IAC	EIDL AD 2.24-8	EIDL NDB RWY 02 CAT A, B, C	12 JUN 2025
	IAC	EIDL AD 2.24-10	EIDL LOC RWY 20 CAT A, B, C	12 JUN 2025
	IAC	EIDL AD 2.24-11	EIDL NDB RWY 20 CAT A, B, C	12 JUN 2025
Visual Approach Chart ICAO 1: 250,000	VAC	EICK AD 2.24-28	CORK	10 SEP 2020
	VAC	EIDL AD 2.24-12	DONEGAL	12 JUN 2025
	VAC	EIKN AD 2.24-16	IRELAND WEST/KNOCK	19 FEB 2026
	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	23 MAR 2023
	VAC	EIWF AD 2.24-7	WATERFORD	23 MAR 2023
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	EIKY AD 2.24-1	KERRY	20 MAY 2021
	AD	EISG AD 2.24-1	SLIGO	28 JAN 2021
Aerodrome Chart ICAO As per Published Chart	AD	EIDL AD 2.24-1	DONEGAL	16 APR 2026
	AD	EIDW AD 2.24-1	DUBLIN	11 JUN 2026
	AD	EIKN AD 2.24-1	IRELAND WEST	11 JUN 2026
	AD	EIWF AD 2.24-1	WATERFORD	27 NOV 2025
	AD	EIWT AD 2.24-1	WESTON	19 FEB 2026

Title of series and Scale	Series	Chart Ref	Chart name and/or Number	Date
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	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	21 MAR 2024
Aerodrome Obstacle Chart ICAO – Type “A” Horizontal Scale 1:10,000	AOC	EIWT AD 2.24-2	EIWT RWY 07/25	19 FEB 2026
	AOC	EIKN AD 2.24-2	EIKN RWY 08/26	12 JUN 2025
Aerodrome Obstacle Chart ICAO - Type “A”	AOC	EIDL AD 2.24-2	EIDL RWY 02/20	16 APR 2026
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 AD 2.24-3	EIKN RWY 26	30 OCT 2025
	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 As per Published Chart	APDC	EIDW AD 2.24-2	DUBLIN	11 JUN 2026
ATC Surveillance Minimum Altitude Chart - ICAO 1:850,000		EIDW AD 2.24-43	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	CORK	25 MAR 2021

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



7. TOPOGRAPHICAL CHARTS

Refer to GEN 3.2.3

8. CORRECTIONS TO CHARTS NOT CONTAINED IN THE AIP

Chart	Location	Correction
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/North ICAO 1:250,000 Ed 9	544214.17N 0081643.18W	Donegal, Clogheravaddy Windfarm Phase 2 (+3 turbines), Height: 416ft Elevation: 1180ft (No Change)
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/West ICAO 1:250,000 Ed 9	541013.50N 0092947.44W	Mayo, Oweninny Wind Farm, Phase 2(+31 turbines), Height: 578ft Elevation: 949ft (No Change)
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/South ICAO 1:250,000 Ed 9	513846.74N 0095418.92W	Castletownbere Lighthouse, Correction to both Height: 20ft and Elevation: 29ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	531747.96N 0070656.88W	Offaly, Cloncreen Wind Farm, Height: 558ft Elevation: 791ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	531536.28N 0071841.95W	Offaly, Garryhinch Bog Mast, Clonyhurk, Height: 328ft Elevation: 584ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	533742.05N 0070135.65W	Westmeath, Clonmellon Airstrip, Elevation: 85ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	535657.94N 0065302.25W	Cavan, Taghart Wind Farm, Height: 411ft Elevation: 1283ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	525912.77N 0072051.33W	Laois, Colt Met Mast, Height: 328ft Elevation: 722ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/West ICAO 1:250,000 Ed 9	532139.32N 0091833.45W	Galway, Ardderroo Wind Farm, Height: 582ft Elevation: 1267ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	533636.30N 0061600.89W	Tobertaskin Airstrip decommission, Dublin.
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	525107.93N 0065549.93W	Carlow, Limekiln at old Irish Sugar Factory Site, Height: 201ft Elevation: 380ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	531222.60N 0075147.75W	Offaly, Cloghan Wind Farm, Height: 555ft Elevation: 752ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	531220.52N 0071557.96W	Offaly, Moanvane Windfarm, Height: 550ft Elevation: 806ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/South ICAO 1:250,000 Ed 9		Lough Currane, Co. Kerry. Position: 514952.35N 0100729.24W
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	532745.55N 0064039.32W	Meath, Summerhill Mast Removed, Height: 818ft Elevation: 1160ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	531642.19N 0072218.72W	Offaly, Ballingar Mast Removed, Height: 980ft Elevation: 1222ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	532742.06N 0064026.93W	Meath, Existing Summerhill Mast in place, Height: 97ft Elevation: 436ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/North ICAO 1:250,000 Ed 9	540811.26N 0071015.90W	Monaghan, Drumlins Wind Farm, Height: 591ft Elevation: 1060ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	530218.47N 0071707.51W	EIP8-Laois, Portlaoise Prison, Lat/Long Updated, Position: 530218.47N 0071707.51N, Height: GND, Elevation: 5000ft, Radius: 2NM
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/West ICAO 1:250,000 Ed 9	541957.60N 0081516.80W	Sligo, Unlit Mast, Height: 300ft Elevation: 1137ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/South ICAO 1:250,000 Ed 9		Cork, Glounthaune to Midleton Railway lines, Depiction of Railway Lines, Start Position: 515438.01N 0081921.47W Finish Position: 515516.05N 0081024.91W

Chart	Location	Correction
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/West ICAO 1:250,000 Ed 9	541144.54N 0093502.24W	Mayo, Sheskin Wind Farm, Height: 578ft Elevation: 985ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	532528.00N 0075652.00W	NEW EIR24-Westmeath, Custume Barracks, Athlone, Height: SFC, Elevation: 2000ft, Radius: 2NM
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/North ICAO 1:250,000 Ed 9	545322.50N 0075131.18W	Donegal, Lenalea Wind Farm, Height: 438ft Elevation: 1398ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/West ICAO 1:250,000 Ed 9	525936.30N 0092221.70W	Clare, Doonagore, Doolin, Lighted Mast added, Height: 148ft Elevation: 680ft
Aeronautical Chart ICAO 1:500,000 Ed 12	543830.24N 0061738.70W	Belfast Aldergrove and Langford Lodge Airfield Information Text incorrect on the 1/500,000 series chart
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart/East ICAO 1:250,000 Ed 9	531913.9315N 0070302.3814W, 531723N 0070415W, 531333N 0070330W, 531219.2491N 0070021.6357W, Arc centre/EICL 531459N 0070724W, Radius of 5 nm	Clonbullogue (EICL) Parachute Area Revised Height: SFC Elevation: 4500ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart South ICAO 1:250,000 Ed 9	512211.33N 0075647.73W	Co Cork, Kinsale Energy Platform A decommissioning and removed. Height: 216ft Elevation: 216ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart South ICAO 1:250,000 Ed 9	512135.34N 0080101.77W	Co Cork, Kinsale Energy Platform B decommissioning and removed. Height: 216ft Elevation: 216ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart North ICAO 1:250,000 Ed 9	550343.64N 0081249.48W	SSO-EISN-0026.005, Donegal, Cronalaght Wind Turbine Lat DMS updated. 551343.64N 0081249.48W should read 550343.64N 0081249.48W. SSO's are currently not displayed on either the 1:500,000 or 1:250,000 charts.
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West ICAO 1:250,000 Ed 9	532102.03N 0092302.01W	EISN-0469.043, Galway, Galway Wind Park Turbine 043 Lat DMS updated. 532102.03N 0092302.01W.
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West ICAO 1:250,000 Ed 9	541013.50N 0092947.44W	EISN-0151, Mayo, Oweninny Wind Farm updated with two met masts.
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West/South ICAO 1:250,000 Ed 9	523212.85N 0093039.97W	Co Kerry, Ballylongford Wind Farm. Height: 410ft Elevation: 700ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart North ICAO 1:250,000 Ed 9	540751.20N 0073609.10W	Co Cavan, Tullyway, Ballyconnell Wind Turbine update. Height: 555ft Elevation: 1224ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart East ICAO 1:250,000 Ed 9	531749.20N 0070657.60W	Co Offaly, Cloncreen Wind Farm data updated, and Met Mast added. Height: 558ft Elevation: 789ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West & North ICAO 1:250,000 Ed 9	541049.70N 0085133.60W	Co Sligo, SSE Easky Dunniell Met Mast added. Height: 328ft Elevation: 922ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart South ICAO 1:250,000 Ed 9	524113.92N 0091613.44W	Co Clare, Crossmore Wind Farm added. Height: 409ft Elevation: 591ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart South ICAO 1:250,000 Ed 9	515257.08N 0082358.41W	Co Cork, Ballinure RTE Mast Removed. Height: 412ft Elevation: 424ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West ICAO 1:250,000 Ed 9	533730.29N 0083151.15W	Co Galway, Clooncon East Wind Turbine added. Height: 295ft Elevation: 591ft

Chart	Location	Correction
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart East & West ICAO 1:250,000 Ed 9	531046.08N 0075439.33W	Co Offaly, Derrinlough Wind Farm. Height: 607ft Elevation: 798ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart East ICAO 1:250,000 Ed 9	532419.10N 0071217.98W	Co Offaly, Yellow River Wind Farm. Height: 545ft Elevation: 827ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart East ICAO 1:250,000 Ed 9	531738.40N 0070024.48W	Co Offaly, Cushaling River Windfarm. Height: 614ft Elevation: 847ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West 1:250,000 Ed 9	1. 540442.1752N, 0081428.2311W 2. 535256.0669N, 0081040.1236W 3.535017.3006N, 0083353.2005W Arc anticlockwise 10nm radius, 535437.0688N, 0084906.5676W 4. 540202.6807N, 0083747.6014W 5. 540442.1752N, 0081428.2311W	EIKN EASTERN STUB Ireland West New Airspace, Co Mayo
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West 1:250,000 Ed 9	1. 534425.1855N, 0080756.4446W 2. 540442.1752N, 0081428.2311W 3. 540633.3186N, 0075746.9542W 4. 534623.7805N, 0075125.5526W 5. 540442.1752N, 0081428.2311W	EIKN EASTERN EXTENSION STUB Ireland West New Airspace, Co Mayo
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West 1:250,000 Ed 9	1. 535853.7332N, 0090423.8977W Arc anticlockwise 10nm radius, 535437.0688N, 0084906.5676W 2. 534710.4044N, 0090021.3882W 3. 534422.0551N, 0092328.0239W 4. 535605.9312N, 0092735.8549W 5. 535853.7332N, 0090423.8977W	EIKN WESTERN STUB Ireland West New Airspace, Co Mayo

Chart	Location	Correction
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West 1:250,000 Ed 9	1. 534710.4044N, 0090021.3882W Arc anticlockwise 10nm radius, 535437.0688N, 0084906.5676W 2. 534451.2079N, 0084535.8450W 3. 533957.9350N, 0084357.8431W 4. 533516.4586N, 0092017.5803W 5. 534422.0551N, 0092328.0239W 6. 534710.4044N, 0090021.3882W	EIKN SOUTHWESTERN STUB Ireland West New Airspace, Co Mayo
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West 1:250,000 Ed 9	1. 534451.2079N, 0084535.8450W 2. Arc anticlockwise 10nm radius EIKN ARP 3. 535017.3006N, 0083353.2005W 4. 535256.0669N, 0081040.1236W 5. 534425.1855N, 0080756.4445W 6. 533957.9350N, 0084357.8431W 7. 534451.2079N, 0084535.8450W	EIKN SOUTHEASTERN STUB Ireland West New Airspace, Co Mayo
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart South 1:250,000 Ed 9	514441.33N, 0091956.06W	Co Cork, Maughanaclea Met Mast Height: 256ft Elevation: 808ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart South 1:250,000 Ed 9	524800.85N, 0083233.37W	Co Clare, Lackareagh Met Mast Height: 328ft Elevation: 1083ft
Aeronautical Chart ICAO1:500,000 Ed 12 Aeronautical Chart West 1:250,000 Ed 9	531729.40N, 0090641.40W	Co Galway, Toin na Brocai Mast Height: 200ft Elevation: 330ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart South 1:250,000 Ed 9	523206.66N, 0093008.70W	Co Kerry, Ballylongford Windfarm Height: 410ft Elevation: 554ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart South 1:250,000 Ed 9	523658.38N, 0073059.70W	Co Tipperary, Farranrory Windfarm Height: 514ft Elevation: 1433ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart West 1:250,000 Ed 9	524603.05N, 0091952.80W	Co Clare, Cahermurphy Windfarm Height: 430ft Elevation: 991ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart ICAO East 1:250,000 Ed 9	533741N, 0070040W	Westmeath, EISB, Snug Beag Airfield

Chart	Location	Correction
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart ICAO West 1:250,000 Ed 9	540832.96N, 0093538.50W	Mayo, Shranakilly Met Mast decommissioning and removing. Height: 328ft Elevation: 653ft
Aeronautical Chart ICAO 1:500,000 Ed 12 Aeronautical Chart ICAO East 1:250,000 Ed 9	530940N, 0071650W	Laois, EIBF, Benfield Airfield

EIDW AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EIDW – DUBLIN/International

EIDW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP and its site**	532517N 0061612W Midpoint RWY 10R/28L
2	**Direction and distance from (city)**	10 KM (5.4 NM) N of Dublin
3	**AD Elevation, Reference Temperature & Mean Low Temperature**	243 ft AMSL / 19.7°C (Max Temp) 0.1°C (MNM Temp)
4	**Geoid undulation at AD ELEV PSN**	184 ft
5	**MAG VAR/Annual change**	1° W (2025) /11' decreasing
6	**Contact Details**	Post: Resource Allocation Unit (for stand allocation) Phone: +353 1 944 5228 Email: POD@dublinairport.com Post: Airport Duty Manager Phone: +353 87 2892222 Email: airportdm@daa.ie Post: Service Delivery Manager Airside Phone: + 353 87 6312669 Email: sdm-a@daa.ie
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

EIDW AD 2.3 OPERATIONAL HOURS

1	**AD Operator**	H24
2	**Customs and immigration**	Customs/Irish Immigration: H24 Department of Agriculture, Food and the Marine: H24 US Customs and Border Protection: By prior negotiation with Dublin US Embassy, USCBP 0700 - 1700
3	**Health and sanitation**	H24
4	**AIS Briefing Office**	See Remarks
5	**ATS Reporting Office (ARO)**	H24
6	**MET Briefing Office**	H24
7	**ATS**	H24
8	**Fuelling**	H24

9	**Handling**	H24
10	**Security**	H24
11	**De-icing**	H24
12	**Remarks**	Airport closed on 25th December. Exact hours advised by NOTAM. PIB AVBL from AIS, Shannon see GEN 3.1.5

EIDW AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo handling facilities:**	Available from IAG Cargo, Swissport Cargo and WFS
2	**Fuel/oil types**	JET A1Fuel Oil Grades 100, 100W, 100U, 100E, 120, W80, E80. Turbo Oils 750, 390, 2380
3	**Fuelling facilities/capacity**	JET A1 H24 No limitations. Hydrant fuelling available on Pier 1 and Pier 4 stands. Fuelling by bowser available on all other stands.
4	**De-icing facilities**	On request from Swissport and Aer Lingus
5	**Hangar space available for visiting aircraft**	On request from Dublin Aerospace and Aer Lingus.
6	**Repair facilities for visiting aircraft**	Repair facilities from Dublin Aerospace.
7	**Remarks**	Passenger Handling: Available from Swissport, Sky Handling, Signature Flight Support (Corporate), Universal Aviation (Corporate), Aer Lingus and Fenix Logistics. Catering: Available from Gate Gourmet and Dnata Catering. General Aviation Handling: Signature Flight Support, Universal Aviation, (Other ground handlers listed above on request). Fixed ground power: Pier 1: Stands 121 to 127 inclusive, Stands 108L to 111R inclusive Pier 3: Stands 311C/311R, 312, 313C, 314, 315C, 316, 317, 318L, 318C and 318R Pier 4: Stands 400L to 409R inclusive Aircraft Power Plant Test Runs: See EIDW AD 2.20

EIDW AD 2.5 PASSENGER FACILITIES

1	**Hotel(s) at or in the vicinity of AD**	Hotels At Airport and in Dublin area. See www.booking.com Link in doc
2	**Restaurant(s) at or in the vicinity of AD**	See www.dublinairport.com
3	**Transportation possibilities**	Buses, taxis, car hire AVBL at Airport
4	**Medical facilities**	First aid treatment, All Airport Police are trained Emergency first Responders (ERFs), Rescue and Fire Fighting Services Personnel (RFFS) Paramedics with 1 domestic ambulance. Hospitals in Dublin, 8km.
5	**Bank and Post Office at or in the vicinity of AD**	ATM and Bureau De Change available at Airport No Post Office at Airport
6	**Tourist Office**	At Airport
7	**Remarks**	Short term Car Parking - 3750 spaces Long term Car Parking - 18600 spaces Executive lounges - See www.dublinairport.com

EIDW AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	Required CAT 9 Available CAT 9
2	**Rescue equipment**	Emergency lighting and other equipment adequate to meet Category 9 requirements
3	**Capability for removal of disabled aircraft**	Aircraft Recovery Coordinator Airfield Delivery Manager Phone:+353 (0)87 203 5950 Capability Up to Code C aircraft (nosewheel recovery up to Code E) Details available from Coordinator (Utilising equipment available at Dublin Airport)
4	**Remarks**	**Communication with Rescue and Fire Fighting Service:** Frequency 121.600 MHz AVBL for direct communication between ACFT and Rescue and Fire Fighting Service. 121.600 MHz should be requested initially via ATC. Call sign for the Rescue and Fire Fighting Service is 'Dublin Fire'. It is mandatory for both ACFT and Rescue and Fire Fighting Service to maintain contact with ATC at all times. ATC do not have access to 121.600 MHz. Frequency 121.600 MHz is H24 and AVBL within 10 NM radius of Dublin Airport

EIDW AD 2.7 RUNWAY SURFACE CONDITION, ASSESSMENT AND REPORTING, AND SNOW PLAN

1	**Type(s) of clearing equipment**	Snow clearing and anti-icing equipment including: Sweeper-blowers Tractors equipped with ploughs or brushes Sprayers of de-icing fluid Snow blowers Ramp ploughs/brushes Motorised brushes
2	**Clearance priorities**	1. Duty runway(s) and associated taxiways, aircraft stands, together with apron areas. 2. Other areas.
3	**Use of material for movement area surface treatment**	De/anti-icing of aircraft movement areas carried out as required using potassium acetate fluids (KAC) and potassium formate (KFOR) See also AD 1.2
4	**Specially prepared winter runways**	Nil
5	**Remarks**	Annual snow plan available from the Aerodrome Operator on request. AD Operator H24, Airport closed on 25th December. Exact hours advised by NOTAM.

EIDW AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA.

1	**Apron designation, surface and strength**	Surface: CONC Strength: PCR 700/R/C/W/U			
2	**Taxiway designation, width, surface and strength**	TAXIWAY	WIDTH	SURFACE	STRENGTH
		A	23 M	ASPH	PCR 970/R/C/W/U
		B1	24M	CONC	PCR 1210/R/B/W/T
		B2	24 M	CONC	PCR 970/R/B/W/T
		C	23 M	CONC	PCR 1080/R/C/W/T
		DN	15 M	CONC	PCR 1090/R/C/W/T
		DS	15 M	CONC	PCR 1150/R/C/W/T
		E1	23 M	CONC/ASPH	PCR 1970/F/B/X/T
		E2	32 M	CONC/ASPH	PCR 1010/R/B/W/T
		F-Inner	23 M	CONC	PCR 1220/R/C/W/T
		F-Outer	23 M	CONC	PCR 720/R/C/W/T
		F1	25 M	CONC/ASPH	PCR 790/R/C/W/T
		F2	23 M	CONC	PCR 770/R/B/W/T
		F3	23 M	CONC	PCR 640/R/B/W/T
		H1	23 M	CONC/ASPH	PCR 730/R/B/W/T
		K	23 M	CONC	PCR 1140/R/C/W/T
		M	23 M	CONC	PCR 1140/R/C/W/T

		M1	25 M	CONC/ASPH	PCR 570/R/A/W/T
		N	23 M	CONC	PCR 1140/R/C/W/T
		N1	24 M	CONC	PCR 1140/R/C/W/T
		N2	27 M	CONC	PCR 1140/R/C/W/T
		N3	23 M	CONC	PCR 1140/R/C/W/T
		N4	23 M	CONC/ASPH	PCR 980/F/B/W/T
		N5	23 M	CONC	PCR 1140/R/C/W/T
		N6	26 M	CONC	PCR 1140/R/C/W/T
		N7	25 M	CONC	PCR 1140/R/C/W/T
		P1	23 M	CONC/ASPH	PCR 940/R/B/W/T
		S	23 M	CONC/ASPH	PCR 870/R/B/W/T
		S1	23 M	CONC	PCR 980/R/B/W/T
		S2	23 M	ASPH	PCR 1240/R/C/W/T
		S3	23 M	ASPH	PCR 700/R/B/W/T
		S4	23 M	CONC	PCR 790/R/B/W/T
		S5	30 M	CONC	PCR 1340/R/B/W/T
		S6	23 M	CONC	PCR 1030/R/B/W/T
		S7	23 M	ASPH	PCR 860/R/B/W/T
		W1	25 M	ASPH	PCR 1030/R/A/W/T
		W2	23 M	ASPH	PCR 800/R/A/W/T
		W3	23 M	CONC	PCR 1040/R/B/W/T
		W4	15 M	ASPH	PCR 600/R/B/W/T
		Z	23M	ASPH	PCR 1210/R/C/W/T
		LINK 1	33 M	CONC	PCR 800/R/B/W/T
		LINK 2	65 M	CONC/ASPH	PCR 1240/F/C/X/T
		LINK 3	42 M	CONC	PCR 970/R/B/W/T
		LINK 4	73 M	CONC	PCR 580/R/A/W/T
		LINK 5	23 M	CONC/ASPH	PCR 1410/R/C/W/T
		LINK 6	23 M	CONC	PCR 920/R/C/W/T
		LINK 7	23 M	CONC	PCR 1040/R/C/W/T
		AT 1	47 M	CONC	PCR 720/R/C/W/T

		AT 2	47 M	CONC	PCR 650/R/C/W/T
		AT 3	61 M	CONC	PCR 540/R/C/W/T
		AT 4	59 M	CONC	PCR 770/R/C/W/T
		AT 5	81 M	CONC/ASPH	PCR 960/R/C/W/T RIGID PCR 1090/F/C/X/T FLEXIBLE
		AT 6	58 M	CONC	PCR 1130/R/C/W/T
		West Apron	86 M	CONC	PCR 1010/R/C/W/T
		North Apron	48 M	CONC	PCR 1130/R/C/W/U
		South Apron	30 M	CONC	PCR 920/R/C/W/T
3	**Altimeter checkpoint location and elevation**	Location: South Apron / Elevation: 201ft AMSL			
4	**VOR checkpoints**	Nil			
5	**INS checkpoints**	EIDW AD 2.24-2			
6	**Remarks**	Nil			

EIDW AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all taxiway intersections and at runway holding positions. Mandatory instruction signs lighted Guidelines on aprons and taxiways. Taxiway information markings. All stands equipped with AVDGS except the following listed below: 102, 105L, 105R, 106, 107L, 107C, 107R, 131L, 131C, 131R, 131S, 132S, 132L, 132C, 132R, 133L, 133C, 133R, 133S, 134L, 134C, 134R, 134S, 135L, 135C, 135R, 135S, 136L, 136R, 136S, 137A, 137B, 137L, 137T, 138T - 142T, 138S - 143S, 145, 200T, 203L, 203C, 203R, 205L, 205T, 311L, 411C. Where AVDGS is available and operational, it is mandatory for it to be used. On stands where AVDGS is not available or not operational, Marshallers must be provided. No aircraft should enter a stand without guidance. If AVDGS is not operational on the stands listed below, the aircraft listed cannot taxi onto stand due to reduced clearances. Aircraft will be allocated an alternative stand or must shut down engines and be towed on to the aircraft stand. Stands: Stand 316 - All A/C types. Stand 409C - All A/C types.
2	**RWY/TWY markings and LGT**	RWY 10R/28L Designation, THR, TDZ, centreline, side stripe, aiming point. RWY 10L/28R Designation, THR, TDZ, centreline, side stripe, aiming point. RWY 16/34 Designation, THR, TDZ, centreline, side stripe, aiming point. For the purposes of Taxiing Intermediate holding positions. Taxiways Centreline, edge stripes, holding positions, intersection markings except TWY S1. Intermediate holding position lights on TWY B1, H1, M1, W2, Z, E2, Link 1, Link 2, Link 3, Apron Taxiway 6 and RWY 16/34 at 16-1 and 34-2, 16-2, K, N, M, F-Outer.
3	**Stop bars and RWY guard lights**	Stopbars are provided at all Runway holding positions for CAT I/II/III operations and are illuminated to protect active Runways. When a Runway is not active the associated stop bars are not illuminated, with the exception of the stop bars on TWY A and TWY B2. All Runway Guard Lights are in operation H24. No entry bars on TWY N3 and TWY N5.
4	**Other RWY Protection measures**	Nil

5	**Remarks**	See also EIDW AD 2.14 and 2.15 for lighting

EIDW AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	**OBST Type**	**OBST Position**	**ELEV/HGT**	**Markings/Type, Colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
Please contact AIP@dublinairport.com for queries/information related to EIDW Aerodrome Obstacles.					

In Area 3					
OBST ID/ Designation	**OBST Type**	**OBST Position**	**ELEV/HGT**	**Markings/Type, Colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
Please contact AIP@dublinairport.com for queries/information related to EIDW Aerodrome Obstacles.					

EIDW AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Dublin Airport
2	**Hours of service** **MET Office outside hours**	H24
3	**Office responsible for TAF preparation** **Periods of validity** **Interval of issuance**	MET Eireann Central Aviation Office, Shannon 24 HR 6 HR
4	**Trend forecast** **Interval of issuance**	TREND 30 MIN
5	**Briefing/consultation provided**	Computer-based self-briefing facility Personal briefing by telephone from Central Aviation Office, Shannon
6	**Flight documentation** **Language(s) used**	Charts and tabular English
7	**Charts and other information available for briefing or consultation**	6-hourly synoptic chart, 6-hourly prognostic chart (surface), prognostic chart of significant weather, prognostic chart of wind/temperature at upper levels, prognostic chart of tropopause levels
8	**Supplementary equipment available for providing information**	Weather RADAR, satellite cloud picture receiver, IRVR RWYs 10R and 28L (touchdown, midpoint, stop-end) IRVR RWYs 10L and 28R (touchdown & midpoint) IRVR RWY 16 (touchdown, midpoint) Satellite Display available.
9	**ATS units provided with information**	Dublin TWR
10	**Additional information (limitation of service, etc.)**	GEN 3.5.4.2 to request additional information. METAR available every 30mins.

EIDW AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCR) and surface of RWY and SWY	THR coordinates RWY end coordinates THR Geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
10R	095.24°	2637 x 45	910/R/B/W/T ASPH ASPH	532520.75N 0061724.27W 532512.94N 0061502.08W 184 ft	THR 243ft
28L	275.27°	2637 x 45	910/R/B/W/T ASPH ASPH	532512.94N 0061502.08W 532520.75N 0061724.27W 184 ft	THR 203ft
10L	095.25°	3109 x 45	1140/R/C/W/T CONC	532613.79N 0061650.22W 532605.39N 0061417.60W 184 ft	THR 235ft
28R	275.28°	3109 x 45	1140/R/C/W/T CONC	532606.73N 0061441.87W 532614.62N 0061705.32W 184 ft	THR 213ft
16	156.59°	2072 x 45	3020/F/B/W/T ASPH -	532613.16N 0061543.12W 532511.66N 0061458.54W 184 ft	THR 218ft
34	336.60°	2072 x 45	3020/F/B/W/T ASPH -	532511.66N 0061458.54W 532613.16N 0061543.12W 184 ft	THR 202ft

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RWY End Safety Area dimensions (M)	Location and description of Arresting System	OFZ	Remarks
7	8	9	10	11	12	13	14
Slope of 0.47% Refer to Aerodrome Obstacle Chart Type A EIDW AD 2.24-3	91 x 45	213 x 150	2904 x 280	240 x 150	Nil	Yes	RWY 10R/28L, pavement surface is grooved asphalt. RWY 10R/28L is provided with 7.5 M wide asphalt shoulders. Periodic closure for maintenance - Approximately every eight weeks, RWY 10R/28L will be closed for essential maintenance, including rubber removal, grass cutting, painting of day markings etc. The RWY will be closed for approximately four nights between 2230 HR and 0530 HR (local). These closures for maintenance will be promulgated by NOTAM.
	56 x 45	213 x 150	2904 x 280	240 x 150	Nil	Yes	
Slope of 0.18% Refer to Aerodrome Obstacle Chart Type A EIDW AD 2.24-3	Nil	60 x 150	3229 x 280	240 x 150	Nil	Yes	RWY 10L/28R pavement surface is grooved. RWY 10L/28R is provided with 7.5M wide concrete shoulders. CWY starts at end of RWY surface.
	Nil	60 x 150	3229 x 280	240 x 150	Nil	Yes	
Slope of 0.24% Refer to Aerodrome Obstacle Chart Type A EIDW AD 2.24-5	Nil	183 x 150	2192 x 280	RWY16 THR (north end of RWY strip) 140 x 150. RWY16 END (south end of RWY strip) 138 x 150.	Nil	Yes	RWY 16/34, pavement surface is grooved asphalt. RWY 16/34 is provided with 8M wide asphalt shoulders. Runway Slope - Sharp slope change approximately 100m south of RWY 16 THR/ RWY 34 END, and runway slope of up to 1.1%.
	Nil	61 x 150	2192 x 280	RWY34 THR (south end of RWY strip) 138 x 150. RWY34 END (north end of RWY strip) 140 x 150.	Nil	Nil	

EIDW AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
10R	2637	2850	2728	2637	
28L	2637	2850	2693	2637	
10L	3109	3169	3109	2829	THR RWY 10L Displaced 280M
28R	3109	3169	3109	2659	THR RWY 28R Displaced 450M
16	2072*	2255	2072	2072	*Departures from RWY 16 are only available from intersection take off Twys N4 and N.
34	2072	2133	2072	2072	

INTERSECTION TAKE-OFF					
RWY Designator	TWY	TORA (M)	TODA (M)	ASDA (M)	Remarks
10R	S6	2156	2369	2247	see EIDW AD 2.20
10R	S4	1352	1565	1443	
28L	S1	2415	2628	2471	
10L	N6	2860	2920	2860	
28R	N2	2641	2701	2641	
16	N4	2026	2209	2026	
16	N	1653	1836	1653	
34	A	1815	1876	1815	
34	B2	1815	1876	1815	
34	S1	1815	1876	1815	

EIDW AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT Length	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
10R	CAT II/III 900M LIH	Green LIH Green LIH	PAPI Both sides/ 3° MEHT 20M (439M)	900M 30M LIH	2637M 15M coded 0-1737M White, 1737M-2337M Red/White, 2337M-2637M Red LIH	2637M 60M nom White (last 600M Yellow) LIH	Red LIH -	Red LIH	Nil

Note: All runway lighting with the exception of the PAPI's on Runway 10R/28L are LED.

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT Length	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
28L	CAT II/III 900M LIH	Green LIH Green LIH	PAPI Both sides/3° MEHT 21M (374M)	900M 30M LIH	2637M 15M coded 0-1737M White, 1737M-2337M Red/White, 2337M-2637M Red LIH	2637M 60M nom White (last 600M Yellow) LIH	Red LIH -	Red LIH	RETILs (yellow) Prior to exit to TWY S5
10L	CAT II/III 900M LIH	Green LIH Green LIH	PAPI Both sides/3° MEHT 17.6M (398M)	900M 30M LIH	3109M 15M coded 0-2220M White, 2220M-2820M Red/White, 2820M-3109M Red LIH	3109M 60M nom White (last 600M Yellow) LIH	Red LIH	n/a	RETILs (yellow) Prior to exit to TWY N3
28R	CAT II/III 900M LIH	Green LIH Green LIH	PAPI Right side only 3° MEHT 16.8M (398M)	900M 30M LIH	3109M 15M coded 0-2205M White, 2205M-2805M Red/White, 2805M-3109M	3109M 60M nom White (last 600M Yellow) LIH	Red LIH	n/a	RETILs (yellow) Prior to exit to TWY N5
16	CAT I 910M LIH	Green LIH Green LIH	PAPI Both sides/3° MEHT 19M (380M)	Nil	Nil	2073M 60M nom White (last 600M Yellow) LIH	Red LIH -	Nil	Nil
34	SALS 426M LIL	Green LIH	PAPI Both sides/3° MEHT 20M (380M)	Nil	Nil	2073M 60M nom White (last 600M Yellow) LIH	Red LIH -	Nil	For small aircraft (A & B) Runway 34 end lights may not be sighted until the last 400 metres.

Note: All runway lighting with the exception of the PAPI's on Runway 10R/28L are LED.

EIDW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	Nil
2	**LDI location and LGT** **Anemometer location and LGT**	Nil 2 Nr.

3	**TWY edge and centre line lighting**	Taxiway Green/Green Centreline Lighting provided for the following taxiways: B1, B2, E1, E2, H1, M1, P1, W1, W2, W3, N, N1, N2, N4, N6, N7, S, S1, S2, S7, Z. Taxiway Green/Yellow Centreline Lighting provided on all Runway Entry and Exit taxiways. Taxiway edge lights are installed at taxiway/taxiway intersections and along taxiway curves.
4	**Secondary power supply/switch-over time**	Secondary power supply provided, switch-over time 15 SEC (1 SEC in Low Visibility Procedures). All Stop Bars for Runways 10R/28L and 10L/28R are UPS backed.
5	**Remarks**	Apron - Floodlights Apron edge - Blue, omni-directional (mixture of LED & Halogen). Apron centreline lighting - Green bi-directional on all apron taxiways and taxilanes except West Apron (all LED). Obstacles: Fixed red (mixture of Neon & LED lights). WDIs 4-6 Nr. (2-4 lighted). See Aerodrome Chart EIDW AD 2.24-1

EIDW AD 2.16 HELICOPTER LANDING AREA

1	**Coordinates TLOF or THR of FATO Geoid undulation**	Nil
2	**TLOF and/or FATO elevation M/FT**	Nil
3	**TLOF and/or FATO area dimensions, surface, strength, marking**	Nil
4	**TRUE BRG of FATO**	Nil
5	**Declared distance available**	Nil
6	**APP and FATO lighting**	Nil
7	**Remarks**	See AD 2.20 Section 11.14 Helicopter Operations

EIDW AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	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.
2	**Vertical limits**	5000 ft
3	**Airspace classification**	C
4	**ATS unit call sign Language(s)**	Dublin Tower English

5	**Transition altitude**	5000 ft
6	**Hours of applicability**	Nil
7	**Remarks**	Nil

EIDW AD 2.18 ATS COMMUNICATIONS FACILITIES

Service designation	Call sign	Channel(s)	SAT VOICE No	Logon Address	Hours of Operation	Remarks
1	2	3	4	5	6	7
Clearance Delivery Frequency	Dublin Delivery	122.985 MHz			0600-1800 local time	Aircraft Contact Minimum 15 Min before start-up. 8.33kHz Channel.
GND	Dublin Ground	121.800 MHz			0600-2400 local time	Non-8.33kHz equipped aircraft shall contact 121.8 MHz for ATC Clearance minimum 15 minutes prior to requested start up.
		125.885 MHz				GND NTH.
		130.790 MHz			H24	
TWR	Dublin Tower	118.600 MHz			H24	Primary TWR Frequency. Note: TWR STH when segregated runway mode in use (Monitor NOTAM for further information).
		124.680 MHz			H24	TWR NTH. Note: TWR NTH when segregated runway mode in use (Monitor NOTAM for further information).
		128.800 MHz			H24	Non 8.33kHz TWR NTH Frequency.
		119.805 MHz			H24	Dublin Tower Backup Channel. When instructed by ATC.
APP	Dublin Approach	121.100 MHz			H24	
		119.555 MHz			06:00 to 24:00L	
		133.280 MHz			06:00 to 24:00L	
		119.930 MHz			H24	Final Controller
ACC	Dublin Control	129.180 MHz			All H24	Upper North
		135.655 MHz				Upper South
		132.580 MHz				Lower North
		120.755 MHz				Lower South
		124.650 MHz			H24	Backup Frequency available Upper and Lower North and South.
		126.250 MHz				
FIS	Dublin Flight Information Service	118.500 MHz			As promulgated on ATIS	As required.

Service designation	Call sign	Channel(s)	SAT VOICE No	Logon Address	Hours of Operation	Remarks
1	2	3	4	5	6	7
ATIS	Dublin Information Arrival	124.530 MHz			0515-2200 Local time	
	(Dublin Information Departure)	129.640 MHz			0515-2200 Local time	Not notified as yet operationally available (Monitor NOTAM for further information).
VOLMET	Dublin VOLMET	127.005 MHz			H24	
D-ATIS	Dublin Information				0515-2200 Local time	Operators equipped with AEEC623 compliant ACARS-MU can interface with the service through ARINC and SITA service provider's network.

EIDW AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/ MLS/GNSS/ SBAS and GBAS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna or SBAS: ellipsoid height of LTP/ FTP	Service Volume Radius from the GBAS Reference Point	Remarks
1	2	3	4	5	6	7	8
DVOR/DME 2° W (2021)	DUB	114.9MHz CH 96X	H24	532957.8N 0061825.6W	200ft		100/500, 300/700 (180° T-360° T) with purpose A,T,E
DVOR/DME 2° W (2021)	DAP	111.20MHz CH 49X	H24	532525.0N 0061810.0W	300ft		Designated Operational Coverage 150NM
DVOR/DME 2° W (2020)	BAL	115.8MHz CH105X	H24	531759.6N 0062652.0W	300ft		Designated Operational Coverage 60 NM Operating Authority Minister for Defence. BAL DVOR unusable in sector R150 to R170 below 5500 ft AMSL outside 20 NM due to terrain. Due to rising terrain to the south of facility, aircrew may observe BAL DME unlocks in sectors R150 to R175 and R195 to R205 below 4500 ft AMSL outside 20 NM.
NDB	KLY	378kHz	H24	531610.4N 0060623.2W			Designated Operational Coverage 50NM ACFT may not obtain guidance beyond 45NM below 8,000ft, in the sector between bearings 180° T and 270° T.

Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/ MLS/GNSS/ SBAS and GBAS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna or SBAS: ellipsoid height of LTP/ FTP	Service Volume Radius from the GBAS Reference Point	Remarks
1	2	3	4	5	6	7	8
NDB	GMN	334kHz	H24	533853.2N 0061336.0W			Designated Operational Coverage 30NM Operating Authority Minister for Defence.
DME	GMN	76X 112.9MHz	H24	533848.5N 0061405.7W	100ft		Designated Operational Coverage 30NM. Operating Authority Minister for Defence.
ILS LOC RWY 10R CAT III 1° W (2025)	IDE	108.9MHz	H24	532511.8N 0061440.9W			Coverage restricted to 35° either side of course line. Signals received outside the coverage sector including back beam radiation should be ignored
ILS GP RWY 10R		329.3MHz	H24	532515.5N 0061705.5W			GP angle 3° RDH 54ft
ILS DME RWY 10R	IDE	CH 26X (108.9MHz)	H24	532515.5N 0061705.5W	290ft		DME zero range is indicated at THR RWY 10R
LO RWY 10R	OE	316kHz	H24	532548.6N 0062543.7W			
OM RWY 10R	2 dashes per sec.	75MHz	H24	532547.8N 0062543.5W			
MM RWY 10R	Dots and dashes	75MHz	H24	532523.6N 0061816.8W			
ILS LOC RWY 28L CAT III 1° W (2025)	IDW	111.35MHz	H24	532521.8N 0061743.6W			Coverage restricted to 35° either side of course line. Signals received outside the coverage sector including back beam radiation should be ignored
ILS GP RWY 28L		332.15MHz	H24	532509.6N 0061518.4W			GP angle 3° RDH 54ft
ILS DME RWY 28L	IDW	CH 50Y (111.35MHz)	H24	532509.6N 0061518.4W	260ft		DME zero range is indicated at THR RWY 28L
LO RWY 28L	OP	397kHz	H24	532449.7N 0060818.1W			
OM RWY 28L	2 dashes per sec	75MHz	H24	532450.5N 0060818.4W			
MM RWY 28L	Dots and dashes	75MHz	H24	532510.0N 0061409.2W			
ILS LOC RWY 10L CAT III 1° W (2025)	INDL	109.55MHz	H24	532604.5N 0061401.4W			Coverage restricted to 35° either side of course line. Signals received outside the coverage sector including back beam radiation should be ignored.

Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/ MLS/GNSS/ SBAS and GBAS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna or SBAS: ellipsoid height of LTP/ FTP	Service Volume Radius from the GBAS Reference Point	Remarks
1	2	3	4	5	6	7	8
ILS GP RWY 10L		332.45MHz	H24	532616.9N 0061630.2W			GP angle 3° RDH 51ft.
ILS DME RWY 10L	INDL	CH 32Y (109.55MHz)	H24	532616.9N 0061630.2W	250ft		DME zero range is indicated at THR RWY 10L
ILS LOC RWY 28R CAT III 1° W (2025)	INDR	110.15MHz	H24	532615.5N 0061721.6W			Coverage restricted to 35° either side of course line. Signals received outside the coverage sector including back beam radiation should be ignored.
ILS GP RWY 28R		334.25MHz	H24	532611.9N 0061458.7W			GP angle 3° RDH 51ft.
ILS DME RWY 28R	INDR	CH 38Y (110.15MHz)	H24	532611.9N 0061458.7W	230ft		DME zero range is indicated at THR RWY 28R
ILS LOC RWY 16 CAT I 1° W (2025)	IAC	111.5MHz	H24	532505.7N 0061454.3W			Coverage restricted to 35° either side of course line. Signals received outside the coverage sector including back beam radiation should be ignored.
ILS GP RWY 16		332.9MHz	H24	532602.7N 0061543.2W			GP angle 3°
ILS DME RWY 16	IAC	CH 52X	H24	532602.7N 0061543.2W	280ft		DME zero range is indicated at THR RWY 16.
SBAS (LPV, LNAV/VNAV, LNAV RWY28L)	GPS & EGNOS E28A	1575.42 MHz CH 59277	H24	N/A	LTP/FTP Ellipsoid Height 117.1 M	N/A	Transmitting antennas are satellite based.
SBAS (LPV, LNAV/VNAV, LNAV RWY 10R)	GPS & EGNOS E10A	1575.42 MHz CH 41225	H24	N/A	LTP/FTP Ellipsoid Height 130.3 M	N/A	Transmitting antennas are satellite based.
SBAS (LPV, LNAV/VNAV, LNAV RWY 28R)	GPS & EGNOS E28B	1575.42 MHz CH 74379	H24	N/A	LTP/FTP Ellipsoid Height TBC	N/A	Transmitting antennas are satellite based.
SBAS (LPV, LNAV/VNAV, LNAV RWY 10L)	GPS & EGNOS E10B	1575.42 MHz CH 52341	H24	N/A	LTP/FTP Ellipsoid Height TBC	N/A	Transmitting antennas are satellite based.
SBAS (LPV, LNAV/VNAV, LNAV RWY16)	GPS & EGNOS E16A	1575.42 MHz CH 44282	H24	N/A	LTP/FTP Ellipsoid Height 122.6 M	N/A	Transmitting antennas are satellite based.
SBAS (LPV, LNAV/VNAV, LNAV RWY34)	GPS & EGNOS E34A	1575.42 MHz CH 86156	H24	N/A	LTP/FTP Ellipsoid Height 117.9 M	N/A	Transmitting antennas are satellite based.

EIDW AD 2.20 LOCAL AERODROME REGULATIONS

1. Ground Movement

1.1 General

i. Stop-bars are provided at all runway entry/exit points and are illuminated to protect active runways. When a runway is inactive the associated stop-bar is normally not illuminated. However, specific clearance from ATC must still be obtained before entering or crossing an inactive runway.

ii. Pilots should use the minimum power necessary while taxiing. In apron areas, pilots should operate at the minimum power commensurate with the intended manoeuvre, due to the effect of jet blast on personnel, equipment and buildings.

iii. Flight crew are responsible for wing tip clearance and are reminded of the importance of maintaining a careful lookout at all times, regardless of location and visibility conditions.

iv. ATC may require aircraft to manoeuvre in close proximity to other aircraft. Avoidance of other aircraft is the responsibility of the flight crew involved. If doubt exists as to whether an aircraft can be passed safely, the flight crew should stop, advise ATC, and request alternative instructions if available.

v. In order to assist in the safe separation of aircraft, when flight crew are instructed to stop at any runway-holding or intermediate holding position they should position the aircraft as close as possible to the relevant pavement marking while ensuring that the marking remains visible from the cockpit.

1.2 Turning

No turns should be made at the following Runway/Taxiway intersections:

- No turns should be made by aircraft from RWY 28R to TWY N3 or vice versa.
- No turns should be made by aircraft from RWY 28R to TWY N4 or vice versa.
- No turns should be made by aircraft from RWY 28R to RWY 16 or vice versa.
- No turns should be made by aircraft from RWY 10L to TWY N5 or vice versa.
- No turns should be made by aircraft from RWY 10L to RWY 16 or vice versa.
- No left turns should be made by aircraft from TWY M to RWY 34 or vice versa.

No turns should be made by aircraft at taxiway/taxiway intersections where taxi centreline markings are not provided.

Particular attention is drawn to the following:

- No turns should be made by aircraft from TWY W1 to TWY S East of TWY W1 or vice versa.
- No turns should be made by aircraft from TWY F1 to TWY B2 or vice versa.
- No turns should be made by aircraft from TWY B2 to TWY E1 or vice versa.
- No turns should be made by aircraft from TWY A to TWY F1 or vice versa.
- No turns should be made by aircraft from TWY W1 to TWY W2 or vice versa at intersection with TWY S.
- No turns should be made by aircraft from TWY M to TWY N5.
- No turns should be made by aircraft from TWY N to TWY N3.
- No turns should be made by aircraft from TWY Z to TWY E1 and vice versa.
- No turns should be made by aircraft from TWY Z to TWY B1 and vice versa.

- No left turns should be made by aircraft from TWY E2 to TWY F-OUTER.
- No right turns should be made by aircraft from TWY F-OUTER north of Link 6 to TWY E2.

1.3 Taxiing Restrictions

Location	Situation	Restriction
TWY A	Outbound aircraft holding on TWY A	Aircraft movement not permitted between TWY F1 and Link 2 / TWY F2 or vice versa
TWY B2	Outbound aircraft (wingspan less than 36m) holding on TWY B2	Aircraft movement between TWY F1 and TWY E1 / TWY B1 or vice versa restricted to aircraft with wingspan less than 36m.
TWY B2	Outbound aircraft (wingspan 36m or greater) holding on TWY B2	Aircraft movement not permitted behind between TWY E1 and TWY B1 or vice versa. Aircraft movement not permitted between TWY E1 and TWY F1 or vice versa. Aircraft movement not permitted between TWY F1 to TWY Z or vice versa.
TWY B2	Inbound aircraft (wingspan less than 36m) holding on TWY B2	Aircraft movement through the intersection of RWY 16/34 with TWY A, TWY S, TWY S1, and TWY B2 or vice versa restricted to aircraft with wingspan less than 36m.
TWY B2	Inbound aircraft with wingspan 36m or greater holding on TWY B2	Aircraft movement not permitted through the intersection of RWY 16/34 with TWY A, TWY S, TWY S1 and B2.
APRON TAXIWAY C	Aircraft operating on Apron Taxiway C	Aircraft not permitted on Apron Taxiway DN or Apron Taxiway DS
APRON TAXIWAY DN	All operations	Restricted to aircraft with wingspan less than 36m
APRON TAXIWAY DN	Aircraft operating on Apron Taxiway DN	Aircraft not permitted on Apron Taxiway C
APRON TAXIWAY DS	All operations	Restricted to aircraft with wingspan less than 36m
APRON TAXIWAY DS	Aircraft operating on Apron Taxiway DS	Aircraft not permitted on Apron Taxiway C
TWY E1 - Collocated CAT I/II/III Runway Holding Position	Outbound aircraft holding on TWY E1 at collocated CAT I/II/III Runway Holding position for RWY 10R - 28L	Aircraft movement not permitted between TWY B2 and TWY B1/TWY Z or vice versa Aircraft movement not permitted between TWY F1 and TWY B1 or vice versa
TWY E2	Aircraft Holding on TWY E2 facing West	Aircraft movements not permitted behind on TWY F-OUTER
TWY E2	Aircraft Holding on TWY E2 facing East	Aircraft movements not permitted behind RWY 16/34
TWY F1	Aircraft taxiing towards TWY B1 /TWY Z / TWY E1 holding on TWY F1	Aircraft movement not permitted between TWY F2 and TWY Link 2 / TWY A or vice versa
TWY F1	Aircraft taxiing towards TWY Link 2 /TWY F2 holding on TWY F1	Aircraft movement not permitted between TWY B2 and TWY B1/TWY Z or vice versa
APRON TAXIWAY F-INNER	All operations	Restricted to aircraft with wingspan less than 36m
TWY K	All operations	Restricted to Code E aircraft (less than 65m wingspan) Note A340 operations are prohibited on TWY K
TWY K	All operations	Aircraft movement not permitted on to TWY N behind holding aircraft on N1
TWY K	All operations	Aircraft movement not permitted on to TWY N if aircraft holding on N2
TWY N	All operations	Aircraft movement not permitted to pass behind aircraft holding on TWY N awaiting intersection take-off on RWY 16

Location	Situation	Restriction
TWY N	All operations	Aircraft movement not permitted to pass behind aircraft holding on TWY N1 onto TWY K
TWY N1	All operations	Aircraft movement not permitted on to TWY N2 behind holding outbound aircraft
TWY N1	All operations	Aircraft movement not permitted on to TWY N behind holding aircraft on TWY K
TWY N2	All operations	Aircraft movement not permitted on to TWY N1 behind holding aircraft
TWY N2	All operations	Aircraft movement not permitted on to TWY N2 if aircraft holding on TWY N1
TWY N3	All operations	No Entry allowed for aircraft from TWY N
TWY N3	All operations	No Entry allowed for aircraft towing or taxiing on R28R from a westerly direction
TWY N4	All operations	Restricted to code E aircraft (less than 65m wingspan)
TWY N4	All operations	No Entry allowed for aircraft on to TWY N4 when 28R is the active runway
TWY N4	All operations	No Entry allowed for aircraft towing or taxiing on RWY 28R in a westerly direction from
TWY N5	All operations	No Entry allowed for aircraft from TWY M
TWY N5	All operations	No Entry allowed for aircraft towing or taxiing on RWY10L in an easterly direction
TWY N6	All operations	Aircraft movement not permitted from TWY M on to TWY N7 behind holding aircraft
TWY N7	All operations	Aircraft movement not permitted from TWY M on to TWY N6 behind holding aircraft
TWY S3	All operations	Restricted to daylight hours only and aircraft with wingspan 30m or less
TWY S4	All Operations	Restricted to aircraft with wingspan less than 36m
TWY S5	Outbound aircraft (wingspan less than 36m) holding on TWY S5	Movement on TWY S behind holding aircraft restricted to aircraft with wingspan less than 36m
TWY S5	Outbound aircraft (wingspan 36m or greater) holding on TWY S5	Aircraft movement not permitted on TWY S behind holding aircraft
TWY S6	Outbound aircraft (wingspan less than 36m) holding on TWY S6	Movement on TWY S behind holding aircraft restricted to aircraft with wingspan less than 36m
TWY S6	Outbound aircraft (wingspan 36m or greater) holding on TWY S6	Aircraft movement not permitted on TWY S behind holding aircraft
RWY 16/34 Collocated CAT I/II/III Runway Holding Position for RWY 10R - 28L	Outbound aircraft (wingspan less than 36m) holding on RWY 16-34 for entry to RWY 10R-28L	Aircraft movement through the intersection of RWY 16/34 with TWY A, TWY S, TWY S1 and TWY B2 or vice versa restricted to aircraft with wingspan less than 36m.
RWY 16/34 Collocated CAT I/II/III Runway Holding Position for RWY 10R - 28L	Outbound aircraft (wingspan 36m or greater) holding on RWY 16-34 for entry to RWY 10R-28L	Aircraft movement not permitted through the intersection of RWY 16/34 with TWY A, TWY S, TWY S1 and TWY B2.

1.4 Apron Operations

Apron Taxiway 1 and Apron Taxiway 2, serving stands 121L-127, 200C-203L, 200T, 220S, 221, 222, 223 are restricted to aircraft with a wingspan less than 36m.

Apron Taxiway 3, the aircraft stand taxilane serving Stands 205R-207T and 311L-313L, is restricted to aircraft with a maximum wingspan of 41.10m.

The aircraft stand taxilane serving Stands 412-418 is restricted to aircraft with a wingspan less than 36m.

1.5 Use of Runways (General)

1.5.1 The parallel runways (10R-28L and 10L-28R) shall be used in preference to the crosswind runway, 16-34,

1.5.2 When winds are westerly, Runway 28L shall be preferred for arriving aircraft. Either Runway 28L or 28R shall be used for departing aircraft as determined by air traffic control,

1.5.3 When winds are easterly, either Runway 10L or 10R as determined by air traffic control shall be preferred for arriving aircraft. Runway 10R shall be preferred for departing aircraft, and

1.5.4 Runway 10L-28R shall not be used for take-off or landing between 2300 hours and 0700 hours, except in cases of safety, maintenance considerations, exceptional air traffic conditions, adverse weather, technical faults in air traffic control systems or declared emergencies at other airports.

1.6 Runway 16-34 Operations

Unless otherwise instructed by ATC, aircraft vacating the runway must not stop on any of the following adjoining taxiways: E1, E2, B2, A, H1, M1, P1 or N. Aircraft vacating the runway and stopping in any of these taxiways are not clear of the runway.
Aircraft exiting the runway via TWY N4 must continue on to the section of taxiway parallel to the runway to clear the runway. Aircraft on the adjacent parallel taxiways must give way to aircraft vacating the runway.

1.7 Runway 28L Operations

Unless otherwise instructed by ATC, aircraft vacating the runway must not stop on any of the following taxiways: S3, S4, S5, S6. Aircraft vacating the runway and stopping on any of these taxiways are not clear of the runway. Aircraft exiting onto TWY S7 must continue on to the section of TWY S parallel to the runway to clear the runway. Aircraft on the adjacent parallel taxiways must give way to aircraft vacating the runway.

1.8 Runway 10R Operations

Unless otherwise instructed by ATC, aircraft vacating the runway must not stop on any of the following taxiways: S2, S3 and S4. ATC may instruct arrivals to stop on taxiways E1 or S1 on a tactical basis. Aircraft vacating the runway and stopping on any of these taxiways are not clear of the runway. Aircraft on the adjacent parallel taxiways must give way to aircraft vacating the runway.

1.9 Runway 28R Operations

Unless otherwise instructed by ATC, aircraft vacating the runway must not stop on any of the following taxiways: N5, N6 and N7. Aircraft vacating the runway and stopping on any of these taxiways are not clear of the runway. Aircraft exiting these taxiways must continue on to the section of TWY M parallel to the runway to clear the runway. Aircraft on the adjacent parallel taxiways must give way to aircraft vacating the runway.

1.10 Runway 10L Operations

Unless otherwise instructed by ATC, aircraft vacating the runway must not stop on any of the following taxiways: N4, N3, N2 and N1. Aircraft vacating the runway and stopping on any of these taxiways are not clear of the runway. Aircraft exiting these taxiways must continue on to the section of TWY N parallel to the runway to clear the runway. Aircraft on the adjacent parallel taxiways must give way to aircraft vacating the runway.

2. Availability of Intersection Take-Off

Take-offs using less than the full length of the runway are available (except during Low Visibility Operations) from TWY/RWY intersections as listed in EIDW AD 2.13

During Low Visibility Operations, intersection take-offs using less than the full length are NOT permitted from RWY10R/28L.

The datum from which the reduced declared distances on RWY10R/28L, RWY 10L/28R and RWY16 are measured is the downwind edge of the specific taxiway projected perpendicular to the runway centreline as per section III-3 of the European Air Navigation Plan

The datum from which the reduced declared distances on RWY34 are measured is the intersection of the extended downwind edge of Taxiway S with the runway edge projected perpendicular to the runway centreline.

The take-off run available (TORA) is displayed on an illuminated sign adjacent to the taxiway.

2.1 RWY10R/28L and RWY 16/34

Intersection take-offs are subject at all times to pilots' discretion and aircraft operational requirements. Pilots should advise as early as possible of their ability to accept intersection take-offs.

Approval for intersection take-offs is subject to the air traffic situation.

2.2 RWY 10L/28R

Intersection take-offs from N2 and N6 are considered the primary line up points for RWY28R and RWY10L respectively in normal operations and also in Low Visibility Operations. Taxiways N1 and N7 are NOT available for departure in LVOs. Pilots should advise as early as possible if unable to accept departure from these points. Further information refer to 3.3 HIRO Departures.

Intersection take-offs are not available during Low Visibility Operations.

3 High Intensity Runway Operations (HIRO)

High Intensity Runway Operations (HIRO) are valid from 0600 to 2400HR (local time) unless otherwise advised by ATC (e.g. via ATIS). The HIRO system optimises separation of aircraft on final approach in order to minimise runway occupancy time for both arriving and departing aircraft, thereby maximising runway utilisation and minimising “go-around”.

3.1 Arrivals

Pilots are reminded that by leaving the runway at the fastest speed commensurate with safety and standard operating procedures, ATC will be able to guide aircraft on final approach using minimum radar separation or separation minimum according to wake vortex category. Extended runway occupancy may result in a missed approach.

In order to reduce runway occupancy times, pilots shall apply the following procedure:

Pilots should pre-plan their landing and roll out to target the appropriate exit taxiway, weather permitting, that provides for a safe and expeditious exit from the runway to reduce delays and maximise utilisation at all times

Pilots are to ensure runway fully vacated before stopping i.e. aircraft are not to stop on any runway exit awaiting instructions from ATC but should continue on to the next available taxiway (unless instructed to do so by ATC)

Tactical requests to extend the landing roll to reduce ground taxi/exit nearer to parking stands are not to be made to ATC

Aircraft unable to vacate the runway via the preferred taxiways should notify ATC when the aircraft is between 8 and 4 NM from touchdown, or at the earliest opportunity after which it has been determined that it is unable to comply.

The preferred exit taxiways for RWY10R and RWY28L are:

RWY	Aircraft Type	Preferred exit TWY	Distance from threshold to exit point (m)
10R	Wingspan less than 36m and B757	TWY S2	1690
	All other aircraft	TWY S1	2240
28L	Wingspan less than 24m and all turboprops	TWY S4*	1240
	All other aircraft	RET S5	1597
10L	Up to Code E aircraft type	TWY N4	1469
	All other aircraft	RET N3	1700
28R	All aircraft	RET N5	1600
* TWY S4 and N4 are not available as a runway exit during Low Visibility Operations			

Pilots may plan their arrival using the threshold-to-exit-point distances set out in the table above. The distances are measured from the landing threshold to the point of the intersection of the runway centreline and the extended exit taxiway centreline pavement marking.

If the pilot of a landing aircraft cannot contact ATC due to RTF congestion, the pilot should fully vacate the runway and taxi into the next available taxiway. The pilot should then hold position until contact with ATC can be established.

3.2 Departures

ATC will consider every aircraft at the runway holding position as able to commence line-up and take-off roll immediately after clearance is issued, unless otherwise instructed. Pilots not ready when reaching the holding point (no aircraft in front on the same taxiway) shall advise ATC on Tower frequency as early as possible before entering the RWY. When cleared for take-off, ATC will expect and has planned on seeing movement within 10 seconds (of take-off clearance being issued). Wake vortex separation is applied by ATC in accordance with the published requirements. If more separation than the prescribed minima is requested, pilots shall notify ATC before entering the RWY.

Where possible, cockpit checks and cabin readiness should be completed before line-up and any checks needing completion on the runway should be kept to the minimum required. Pilots should not back-track when entering the runway unless specifically requested at the runway holding position.

Note: Pilots shall not cross the runway-holding position until the illuminated red stop bar has been extinguished. ATC do not issue conditional line-up clearances where stop bars are operational at line-up points.

3.3 Preferred Use of Intersection Take-Offs

Based on aircraft type and performance characteristics, ATC may issue instructions for aircraft to depart from runway intersections from which adequate take-off run is available. Intersection take-offs are subject at all times to pilots' discretion and aircraft operational requirements. Pilots unable to accept departure from an intersection point may request an alternate take-off position from ATC. Pilots requiring departure from the beginning of the runway should request it at the time of push-back/start-up, and such requests will be considered by ATC subject to delay.

The preferred use of intersection take-offs are set out in the table below.

Aircraft Type	RWY	Preferred TWY Intersection
All aircraft	10L	TWY N6
	28R	TWY N2
RJ85 type and all turboprops	10R	TWY S6*
	28L	TWY S1*
* Intersection take-offs RWY 10R/28L are not available during Low Visibility Operations		

3.4 Additional information on runway usage is available EIDW AD 2.21 NOISE ABATEMENT PROCEDURES Section 5

4. Mandatory ground handling of aircraft at Dublin Airport
All aircraft must avail of ground handling. All aircraft of less than 2 tonnes maximum certified AUW must avail of minimum handling i.e. ramp transport to/from departures and the aircraft

5. Aircraft Engine Test Runs

Permission for all test runs must be obtained from the Aerodrome Operator.

LOCATION	NOTES
ENGINE TEST SITE 1 (Adjacent to TWY W1)	Up to full power engine runs. Available for aircraft up to Code C plus Boeing 757 (max wingspan 42M). Operational hours 0730 - 2000HR Local Time Monday to Friday 0900 - 2000 HR Local Time Saturday, Sunday and Bank Holidays Lighting and movable jet blast fence available. Movable jet blast fence allows for engine runs to be carried out on the following heading range: 230° - 280°. Positioning outside the headings is not permitted for any aircraft type, other than ATR.
ENGINE TEST SITE 5 (Adjacent to Hangar 1)	Idle engine runs at Engine Test Site 5 are permitted for operators, running two engines, at idle, for maintenance and post engine wash runs. Permission required from the Resource Allocation Unit. *Caution: No acoustic/safety barriers available.*
Aircraft Stands	Aircraft engine test runs at idle speed on one engine, not exceeding five minutes duration are permitted on all stands, dual engine tests can be completed at idle speeds on stands 131R to 136L. Permission required from the Resource Allocation Unit. If greater then than 5mins up to 30mins permission is required from the AOSO. Only one engine is permitted to be running at any stage during the engine run. *Caution: No acoustic/safety barriers available.*
Location to be agreed	For aircraft larger than code C/B757 contact Resource Allocation Unit for agreed location and available times. Code C aircraft: 0800 - 2000HR local Monday to Friday, 0900 - 2000HR, Saturday, Sunday and Bank Holidays. Code D aircraft: 0900 - 2000HR local, Monday to Sunday, but not outside daylight hours. *Caution: No lighting or acoustic/safety barriers available.*

6. Apron Parking and Marshalling of Aircraft

6.1 Aircraft are prohibited from entering any stand without the guidance of a marshaller, or the Advanced Visual Docking Guidance System (AVDGS) where provided. For availability of AVDGS, see EIDW AD 2.9.1

6.2 In order to prevent dazzling the marshaller or the push-back crew, pilots are requested to switch off the aircraft landing lights when reaching or leaving the parking position and, when equipped with both a conventional red anti-collision light and a sequenced white strobe light system, to switch off the latter system as well.

7. Building Served Stands
Aircraft using building served stands are required to vacate stand immediately at scheduled departure time.

8. Rapid Exit Taxiway – S5, N3, N5
Rapid Exit Taxiways (RETs) at Dublin Airport are designed for a maximum exit speed of 50 KT. However it is expected that aircraft using the RET will normally exit the runway at circa 35KT.
Rapid Exit Taxiway Indicator Lights (RETILs) are provided.

9. Aerodrome Hotspot in the vicinity of Runways 28L and 34 thresholds.

9.1 The following details and associated diagram are provided for ease of familiarity with the aerodrome hotspot on this complex area of the aerodrome. The attention of all aircrews is drawn to the layout of taxiways, the location of holding positions, and the proximity of the thresholds of Runway 28L and Runway 34. Close attention must be paid to visual aids (markings, lighting, signage).

9.2 All taxiways are provided with location signs (yellow inscription on black background) and direction signs (black on yellow). Centreline markings and edge markings are also provided.

9.3 Mandatory signs, (white inscription on red background), are provided to identify locations which aircraft shall not pass unless authorised by ATC. These signs include runway designation signs, runway-holding position signs.

9.4 For normal visibility conditions, CAT I runway-holding positions are established on all taxiways which intersect with

runways. The CAT I runway-holding position on Taxiway E1 is a combined position for Runway 10R/28L and Runway 16/34. CAT I runway-holding positions are also established on Runway 16/34, for aircraft taxiing along Runway 16/34 towards Runway 10R/28L, and on Runway 10R/28L for aircraft taxiing along Runway 10R/28L towards Runway 16/34. These holding positions are denoted by:

i. Yellow painted holding-position markings;
ii. Red mandatory markings, Indicating the Designation of the runway ahead;
iii. Red mandatory signs, including the designation of the runway ahead;
iv. Red controllable stop bar lights (where shown on Aerodrome Chart);
v. Yellow flashing runway guard lights (Configuration A);
vi. Location sign indicating the taxiway designation in yellow on a black background;

For low visibility conditions, a CAT II/III runway-holding position is established on Taxiways E1, S7, N2. These holding positions are denoted by:

i. Yellow painted markings;
ii. Red mandatory signs;
iii. Red controllable stopbar lights;
iv. Yellow flashing runway guard lights (Configuration A);
v. Location signs - yellow on a black background;

9.5 Runway-holding positions cannot be passed without permission from ATC.

9.6 Aircrews are advised that should they become unsure of their position while taxiing, they should contact ATC immediately and request assistance.

9.7 Due to the close proximity of the two runways Runway 28L and Runway 34, aircrews taking off from Runway 28L or Runway 34 are advised to ensure that they are lined up on the correct runway before commencing take-off run.

10 Stop bars

Pilots shall not cross illuminated stop bars. A pilot receiving instructions which imply that an illuminated stop bar should be crossed shall wait until the stop bar is extinguished. If the stop bar remains illuminated, the pilot shall request confirmation from ATC that the stop bar is to be crossed. Instructions to cross illuminated stop bars will only be given in exceptional circumstances.

In the event of failure of the stop bar control mechanism, the following line up points shall be used:

Runway	Line up Points
28L	E1 and RWY 16
10R	S7
16	N4
34	E1
28R	N2 and N1
10L	N6 and N7

The following phraseology shall be used by ATC to instruct pilots or vehicle drivers to cross an illuminated stop bar:

ATC: “[Callsign] Due to a failure of the control system, the stop bar will remain illuminated. Taxi/proceed across the stop bar on taxiway [designator] / runway [designator] Echo 1/Sierra 7/November 4 and line up RWY [designator] 34, 28L, 10R, 16, 10L, 28R”

Reply:“[Call-sign] Lining up Runway [10R/28L/34/16/10L/28R Designator] crossing stop bar” shall not cross illuminated stop bars. A pilot receiving instructions which imply that an illuminated stop bar should be crossed shall wait until the stop bar is extinguished. If the stop bar remains illuminated, the pilot shall request confirmation from ATC that the stop bar is to be crossed. Instructions to cross illuminated stop bars will only be given in exceptional circumstances. In the event of failure of the stop bar control mechanism, only TWY E1 (Runways 28L and 34), TWY

S7 (Runway 10R), TWY N4 (Runway 16), TWYs N2 and N1 (Runway 28R) and TWYs N6 and N7 (Runway 10L) shall be used as line-up points.

11 Airport Collaborative Decision Making (A-CDM)

11.1 Flight Plan Validation

Three hours prior to the Estimated Off-Block Time (EOBT) of a flight, checks will be performed to verify the consistency between the ATC Flight Plan, Airport Slot and Airport Flight Data.

If the Scheduled Off-Block Time (SOBT) deviates from the EOBT, the relevant contact person will be informed and advised to adjust the times accordingly. Aircraft Operator (AO) or their Handling Agent (HA) is responsible for timely update of aircraft registration in the A-CDM portal (AOS).

11.2 Target Off-Block Time (TOBT)

This is the time that an Aircraft Operator or their Handling Agent estimates that an aircraft will be ready, all doors closed, boarding bridge removed, push back vehicle available, de-icing completed, and ready to start up/push back immediately upon reception of clearance from the Tower.
TOBT= Prediction of “Aircraft Ready”

11.3 Automated TOBT

120 minutes prior to the Estimated Off-Block Time (EOBT), the A-CDM portal (AOS) system will automatically generate a default Target Off-Block Time (TOBT).

11.4 Person Responsible for TOBT

The Aircraft Operator or their agent is responsible for entry, update and if necessary deletion of TOBT’s. It is the responsibility of the AO/HA to communicate and ensure the pilot of a flight has the correct TOBT prior to calling for clearance. TSAT will also be included in DCL messages. If it becomes obvious that the TOBT cannot be respected, it shall be corrected or re-entered by the person responsible for the TOBT. Since the TOBT is used for various ground processes, it shall be updated by the person responsible for the TOBT when deviations of more than 5minutes occur.
For deviations of 15minutes or more from the EOBT, it will still be mandatory to send a delay message (DLA) to the Network Manager.

11.5 TOBT Update/Deletion

Until the TSAT has been issued (TOBT minus 40 minutes) the TOBT can be updated as often as desired. After the TSAT has been issued, the TOBT can be updated up to three times. If a sixth TOBT update is required the flights TSAT will be removed and the flight will get re-sequenced. It is important to recognise that once sequenced, changes to TOBT are likely to impact the aircraft’s position in the Pre-Departure Sequence (PDS). TOBTs require updating if they differ by 5mins from the previous declared TOBT.
If a flight is to be taken out of the TOBT/TSAT calculation, the TOBT shall be deleted. The TOBT shall be re-entered by the person responsible for the TOBT.

11.6 TOBT Reporting Routines

The TOBT is viewed and or adjusted in one of the following ways:

- A-CDM Portal (AOS)
- AOS Mobile Application
- Internal system of the Airline/Handling Agent (via interface)
- By telephone via the Dublin Airport Control Centre (ACC), Phone + 353 (0) 1 814 4352
- Advanced Visual Docking Guidance System (A-VDGS) (specific stands)

11.7 **Target Start-up Approval Time (TSAT)**

The TSAT is the target time for start-up approval according to the Dublin A-CDM Operational procedures, taking into account TOBT, Calculated Take Off Time (CTOT), and/or the traffic situation. The earliest time for the TSAT calculation (by the PDS) is 40 minutes prior to TOBT.
TOBT is the time at which an Aircraft Operator, or his duly accredited representative expect the flight will be ready to commence movement; whereas the TSAT is the time at which Ground will grant the start-up.
It is the responsibility of the AO/HA to communicate the most up to date TSAT to the pilot, prior to doors closing.
The “Pre-Departure Sequence” is a result of the calculated TSATs.

11.8 **TSAT Reporting Routines**

The TSAT is transmitted in one of the following ways, via:

- A-CDM Portal (AOS)
- AOS Mobile application
- Internal system of the airline/Handling agent (via interface)
- Datalink Clearance (DCL). If a TSAT changes post clearance, ATC will communicate the revised TSAT verbally to the pilot. A revised DCL message will not be issued, post ATC clearance.
- Advanced Visual Docking Guidance System (A-VDGS) (specific stands)

11.9 **Start-up and Push-back**

The sequence of push and start is based on the TSAT sequence. The following rules apply:

- The Pilot shall report ready to push and start at TOBT (+/-) 5 minutes. (ATC clearance (including DCL) shall be requested any time prior to TOBT from delivery)
- The aircraft has to be ready for start-up at TOBT
- Ground will issue push and start approval at TSAT (+/-) 5 minutes
- If pilots have received their ATC clearance and called at TOBT and Ground has not called to give push and start approval by TSAT + 5minutes, pilots are requested to call Ground requesting push and start approval.

In case of delays (>5 minutes) after ATC clearance has been received and/or a call ready at TOBT has been made, pilot shall inform clearance of the delay and a new TOBT must be sent by the AO/HA.

11.10 **Datalink Clearances (DCL)**

For datalink departure clearance (DCL), the published procedures and the time parameters published in the AIP will remain valid. The TSAT will also be transmitted in DCL messages.

11.11 **De-icing**

De-icing must be completed before an aircraft can report ready for push and start. De-icing times shall be taken into account, to calculate the TOBT.

11.12 **Coordination with the Network Manager (NMOC)**

A permanent and fully automatic data exchange with the Network Operations will be established. This data transfer will enable highly accurate early predictions of landing and departure times. Furthermore, this will allow for more accurate and efficient calculation of the CTOT (when applicable) due to the use of local target take-off times. The following messages are used:

- Flight Update Message (FUM)
- Early Departure Planning Information Message (E-DPI)
- Target Departure Planning Information Message (T-DPI)
- ATC Departure Planning Information Message (A-DPI)

The basic Network Operations procedures continue to apply. The Network operations will generally take those local Target Take -Off Times (TTOT) into consideration, when updating the flights' profiles in its system. In some cases Clearance Delivery position will offer to coordinate a new CTOT (if applicable) in agreement with the pilot.

11.13 **Remote Holding**

In the event of a contact stand not being available, Dublin Airport will request a remote hold stand position from ATC. The Pre-departure Sequencer (PDS) will recalculate the variable taxi time from this new remote hold location.

11.14 **Helicopter Operations**

All inbound and outbound helicopters must use the runway as the FATO/TLOF and may not carry out direct approaches to, or take-off, from apron areas or taxiways. After landing and for take-off, helicopters are to ground taxi or air taxi between the runway and the allocated parking area. Caution must be exercised regarding rotor-tip clearance and downwash / outwash effect while helicopters are operating on the movement area.

11.15 **Contact and Information**

For the TOBT dialogue and the TSAT submission, all Aircraft Operators/Handling Agents have to appoint a person responsible for TOBT and give the details to the airport company.
VFR flights are not part of the A-CDM process and therefore do not require TOBTs to be entered.

11.16 **Contact Details**

For additional information and support documents on Dublin A-CDM, see link:
https://www.dublinairport.com/regulation-and-planning/regulatory/airport-cdm
Contact persons for the A-CDM procedure at Dublin Airport, are as follows:

Dublin Airport
Resource Allocation Unit
Phone: + 353 (0) 1 944 5228
Email: POD@dublinairport.com

AIRNAV Ireland
ATC Duty Station Manager
Phone: + 353 (0) 1 8445962
Email: atcdub@airnav.ie

EIDW AD 2.21 NOISE ABATEMENT PROCEDURES

1. Aircraft operators shall ensure at all times that aircraft are operated in a manner calculated to cause the least disturbance practicable in areas surrounding the airport.

2. Standard Instrument Departures

   Strict compliance with SID is mandatory.

3. Other Instrument Departures

3.1 Cat A, B Aircraft

3.1.1 Cat A, B Aircraft (Non Jet)
After take-off, pilots should ensure that they are at a minimum altitude of 750ft QNH before initiating any turn. No take-off turn shall be commenced before the departure end of the runway.

3.1.2 Cat A, B Aircraft (Jet)
Departures must track the runway extended centreline after take-off until passing 750QNH before commencing turn. No take-off turn shall be commenced before the departure end of the runway.

3.2 Cat C, D Aircraft

3.2.1 Departures from all runways except Runway 10R, must track the runway extended centreline after take-off until passing 750ft and then proceed in accordance with the relevant Instrument Flight Procedure published departure track and adhere to published altitude/level restrictions unless otherwise cleared by ATC.

3.2.2 Departures from Runway 10R must track the runway extended centreline to 5NM before commencing turn to the north, or to 6NM before commencing turn to the south.

3.2.3 Take-off climb shall comply with the procedure detailed below, which is based on noise abatement departure climb guidance contained in PANS OPS Doc 8168 Vol 1 - Appendix to Chapter 3 - NADP2.

3.2.4 Take-off thrust, speed V^2 + 20 to 40 km/h (V^2 + 10 to 20kt).

3.2.4.1 At 240m (800ft) and while maintaining a positive rate of climb, body angle is reduced and flaps/slats are retracted on schedule as the aircraft is accelerated towards Vzf.

3.2.4.2 Power/thrust is reduced during the flap/slat retraction sequence at a point that ensures satisfactory acceleration performance.

3.2.4.3 (3000ft) Transition smoothly to en-route climb speed.

3.2.4.4 Cat C and D aircraft operating from Runway 28L directly to Weston or Baldonnel aerodromes are exempt from Sections 3.2.1, 3.2.2 and 3.2.3. These aircraft must not leave the environmental corridor below 1,500ft QNH.

4. Jet aircraft (Cat C/D) on visual approach to all runways must join final approach no closer than 6NM from touchdown. Aircraft must follow a descent path which will not result in being at any time lower than the approach path which would otherwise be followed using the ILS glide-path.

5. Runway 10L/R or 28L/R are the required Runways between 0600 and 2300HR Local Time when the crosswind component is 20KT or less. Runway 28L/R will be the preferential Runways when the tailwind component is 10KT or less and braking action is assessed as good. Aircraft will be required to use these Runways except when operational reasons dictate otherwise.
If the crosswind component on Runway 10L/R or Runway 28L/R is greater than 20KT Runway 16 or Runway 34 may become the active Runway. If the forecast crosswind component on Runway 10L/R or 28L/R is greater than 20KT Runway 16 or 34 may become the active Runway.
The use of Runway 16/34 will be kept to an absolute minimum subject to operational conditions.

6. Runways will be prioritised for noise abatement purposes between 2300 and 0600HR Local Time, subject to the same wind calculation method and values as used between 0600 and 2300HR Local time (see Section 5).

7. Reverse thrust should not be used during landing operations on any runway between 2300-0600HR Local Time, except where operational or safety reasons dictate otherwise.

8. Cat C and D aircraft using Runways 28L, 28R, 10L,16 and 34 shall operate within environmental corridors which are based on runway take-off flight path areas. The corridors have a width of 180 M at the departure end of the clearway, diverging at 12.5% on each side to a maximum width of 1800 M, and extending in length to 5 NM from the point of origin. The corridors extend vertically from surface to 3000 ft AMSL.

Cat C and D aircraft using Runway 10R shall operate within an environmental corridor which is based on the runway take-off flight path area. The corridor has a width of 180 M at the departure end of the clearway, diverging at 12.5% on each side to a maximum width of 1800 M, and extending in length from the point of origin to 5 NM for the northern

boundary of the corridor and 6 NM for the southern boundary of the corridor. There is no upper vertical limit to this corridor

The corridors apply for departures from each runway and also for approaches to the reciprocal runway, except for circling approaches.

EIDW AD 2.22 FLIGHT PROCEDURES

1. Holding Areas

Protected airspace is provided for Holding Areas in accordance with the criteria contained in PANS-OPS ICAO Doc 8168, Volume II for basic holding areas.

For RNAV procedures, holding basic areas are based on aircraft having RNAV holding system functionality.

2. SID and STAR and IAP's

2.1 **RNAV Equipped Aircraft**

SIDs and STARs and initial and Missed Approach segments of IAPs for all runways have been developed in accordance with ICAO Doc 8168 (PANS OPS).

The RNAV Specification is RNAV 1.
The supporting navigation infrastructure provided is DME/DME or GNSS.
Operators which have obtained operational and airworthiness approval, from their regulatory authority, may operate the RNAV SID and STAR procedures in accordance with the conditions of approval.

If the RNAV equipment fails, or navigation accuracy of +/-1 NM can not be maintained, inform ATC as soon as possible. Radar vectoring will be provided.

2.2 **RTF Phraseology**

Phraseology used will be as provided in the European Regional Supplementary Procedures (ICAO Doc 7030) and outlined in Eurocontrol Guidance material for RNAV SIDs and STARs.

Examples of phraseology for ATC are:

- {CALLSIGN} CLEARED {STAR designator} ARRIVAL, RUNWAY {designator}

Note: On such a clearance flight crew shall continue on route until reaching start point of the STAR.

- {CALLSIGN} ADVISE IF ABLE {designator} DEPARTURE [or ARRIVAL].

If ATC are unable to issue a requested SID or STAR:

- {CALLSIGN} UNABLE TO ISSUE (designator) DEPARTURE [or ARRIVAL] DUE [Reason]

Examples of pilot phraseology in the event of being unable to accept SID or STAR:

- UNABLE (designator) DEPARTURE [or ARRIVAL] DUE TO RNAV TYPE
- UNABLE RNAV DUE EQUIPMENT

2.3 **Non RNAV Equipped aircraft**

Non RNAV equipped aircraft will be assigned a clearance based on conventional navigation aids and/or vectoring.

2.4 Expected Approach Distance RWY 10L/R and RWY 28L/R
The expected approach distances are listed for all runways in ENR 1.10. The Lateral Holding/Point Merge STAR procedures (Chart AD 2.24-23 and AD 2.24-22) must be available in the aircraft navigation database.

3. Speed Control

Speed Restrictions

General	STAR	Holds	Initial Approach Segment (BTN HLDG Fix and IF)	Intermediate Approach Segment (BTN IF and FAP)	Final Approach Segment	Remarks
Below FL100, Max IAS 250KT or less.	As specified waypoints.	As specified on chart	IAS 210KT	IAS 180KT	BTN FAP and 4NM from THR IAS 160KT	1. *ATC may request specific speeds for accurate spacing. Comply with speed adjustments as promptly as feasible within operational constraints.* 2. *If unable to comply with the above, advise ATC as soon as possible.*
					4NM to THR IAS as performance requires.	
Warning Operators are advised of the probability of encountering a GPWS Terrain alert, for aircraft which are exceeding the standard speed restrictions, while at or below 5,000FT and which are in the vicinity of the hight terrain to the south of Dublin Airport.						

4. Recommended Flight Planning for Peak Arrival Periods

For further information refer to ENR 1.10.7.1

5. Arrival Procedures

5.1 Clearance to enter the CTA and CTR

Aircraft flying the ATS Route system will be cleared into the CTA/CTR without having to request a specific entry clearance.

Arriving Aircraft will normally be cleared on a STAR appropriate to the route by ATC. On occasions ATC may radar vector aircraft for arrival (Due traffic or technical reasons).

5.2 Initial Approach Procedures

5.2.1 With radar control

In order to expedite the flow of traffic, aircraft may receive radar vectors on to final approach from the STAR.

For RWYs 16 & 34 pilots should plan their flight profile in such a manner as to be able to achieve 6000ft QNH at the appropriate hold.

For RWY 28L/R & 10L/R pilots should plan their flight profile on the sequencing leg to achieve level constraints.

ACTUAL DESCENT CLEARANCE WILL BE AS DIRECTED BY ATC.

5.2.2 Without radar control

When arriving traffic cannot be sequenced by radar, aircraft will be cleared to join the Instrument Approach Procedure appropriate to the landing from the hold.

5.3 Communications failure procedures for arriving aircraft

5.3.1 RWY16 & 34

Aircraft experiencing communications failure in the Dublin CTA/CTR shall set transponder code A7600 and comply with standard ICAO procedures.

5.3.2 RWY 28L/R and 10L/R

RWY 28L/R

5.3.2.1 Aircraft prior to Sequence Leg Entry

a. Squawk 7600.
b. Proceed via the STAR to enter the appropriate Sequence Leg Entry Hold (i.e. KERAV or SORIN) at the last cleared Flight Level.
c. Commence descent in the Hold to the Sequence Leg entry Flight Level (FL080 or FL070 as appropriate) specified on the chart at, or as close as possible to the expected approach time (EAT). If no EAT has been received and acknowledged descend at, or as close as possible to the estimated time of arrival resulting from the current flight plan.
d. Proceed onto the appropriate Sequence Leg, complete the full STAR as filed or last cleared by Dublin ATC, to LAPMO. After turning off the Sequence Leg descend to 3000ft QNH and complete the approach for landing on RWY28L.
e. **Aircraft flying the ABLIN(L) STAR losing R/T contact should squawk A7600 and should continue to fly the STAR (including the sequence leg from SIVNA onwards) and complete the approach.**

5.3.2.2 Aircraft on Sequence Leg

a. Squawk 7600.
b. Complete the full STAR to LAPMO or ABIVU, depending on the runway in use.
c. After turning off the Sequence Leg descend to 3000ft QNH and complete the approach for landing on RWY28L/R, depending on the runway in use.

5.3.2.3 Aircraft turned off the Sequence Leg

a. Squawk 7600
b. Descend to 3000ft QNH
c. In the most expeditious manner route to LAPMO/ABIVU to complete the instrument approach procedure for RWY28L/R, depending on the runway in use.

RWY 10L/R

5.3.2.4 Aircraft prior to sequence Leg Hold (ADNAL or BABON as appropriate) Squawk 7600

1. Proceed via the STAR to enter the appropriate Sequence Leg Hold (ie ADNAL or BABON) at the last cleared Flight Level

2. Commence descent in the Hold to the Sequence Leg Fight

3. Level (FL080 or FL070 as appropriate) specified on the chart at, or as close as possible to the expected approach time (EAT). If not EAT has been received and acknowledge descend at, or as close as possible to the estimated time of arrival resulting from the current flight plan.

4. Continue on the appropriate STAR Sequence Leg, complete the full STAR as filed or last cleared by Dublin ATC, to IFBAP or OSLEX as appropriate. After turning off the Sequence Leg descend to comply with the constraint altitude at IFBAP or OSLEX and complete the approach for landing on RWY10L/R, depending on the runway in use.

5.3.2.5 Aircraft on Sequence Leg.

a. Squawk 7600
b. Complete the full STAR and approach for RWY 10L/R, depending on the runway in use.
c. After turning off the Sequencing leg descend to comply with the constraint altitude at IFBAP or OSLEX and complete the approach on RWY 10L/R, depending on the runway in use.

5.3.2.6 Aircraft turned off the Sequence Leg

a. Squawk 7600

b. Descend to comply with the constraint altitude at IFBAP or OSLEX and complete the approach for landing on RWY 10L/R, depending on the runway in use.

5.3.3 Non RNAV capable Cat C/D aircraft.

Non RNAV capable Cat C/D aircraft should route, in the most expeditious manner, to the appropriate hold for the runway in use and hold using best navigation means available. From the hold proceed to, and complete in the most expeditious manner, the IAP for the runway in use.

6. Departure Procedures

6.1 Departure Clearance Service using Datalink (DCL)

6.1.1 Introduction

6.1.1.1 The DCL service uses the Aircraft Communications Addressing and Reporting System (ACARS). DCL messages are described in EUROCAE ED-85A Appendix A and ARINC 623-2.

6.1.1.2 DCL departure clearances are provided solely to those flights departing Dublin Airport.

6.1.1.3 Clearance Delivery Procedures via RT (voice) will be utilised in the event of datalink transaction failure.

6.1.1.4 Oceanic traffic can receive domestic clearances via ACARS.

6.1.2 Datalink procedure

6.1.2.1 The pilot will send a departure clearance request utilising the on-board datalink interface. Minimum 15 minutes before start-up. **Any slot times will be taken into account by the pilot in the request if appropriate**.

6.1.2.2 If the clearance is not received by the pilot within 3 minutes of the request the pilot will contact ATC through the normal RT communication channels and obtain a clearance on RT.

6.1.2.3 Where the pilot receives a Datalink reply and cannot accept the clearance he will contact ATC through the normal RT channels to obtain, an alternate clearance on RT.

6.1.2.4 If the pilot is satisfied with the Datalink clearance an acknowledgement message will be sent to the ground system.

6.1.2.4.1 If the ground system does not receive the acknowledgement message within 3 minutes after the clearance has been transmitted, or if an invalid message is received, ATC will contact the pilot through the normal VHF channels and issue the clearance via RT (voice).

6.1.2.5 All departure clearances issued through the normal VHF RT voice channels will cancel the DCL service.

6.2 RWY 28L, 28R, 10L, 10R, 16 and 34 Departures

6.2.1 Standard Instrument Departures (SID)

Aircraft on IFR flights departing from RWY 28L, 28R, 10L, 10R, 16 and 34 will proceed in accordance with Standard Instrument Departures (SID) WHICH ALSO INCLUDE MANDATORY NOISE ABATEMENT ELEMENTS for jet aircraft.

Category C and D departures shall remain on DUBLIN TOWER frequency until passing 2,000ft, then contact DUBLIN ACC Lower North/DUBLIN ACC Lower South as appropriate.

Where ICAO obstacle clearance criteria require minimum climb gradient greater than 3.3% the required values will be included in the SID.

As a cross check to confirm the correct SID has been selected in the FMS, Category C and D departures will be requested by CDS to confirm the first waypoint on the SID e.g. RWY 10R “DW553”.

6.2.2 OMNI Directional Departures

Aircraft subject to an OMNI Directional Departures instruction from RWY 28L, 28R, 10L, 10R, 16 and 34 climb straight ahead to 3000ft, and then depart on track as cleared by ATC, maintain a minimum climb gradient of 6.6% for ATM (400ft/NM) (4% for obstacle clearance). Remain on DUBLIN TOWER frequency until passing 2,000ft, then contact DUBLIN ACC lower North/DUBLIN ACC Lower South as appropriate.
CAUTION: Close-in-obstacles (Mast, Poles, Fence, Trees, Equipment) exist.

6.3 Communications failure procedures for departing aircraft

Aircraft experiencing communications failure in the Dublin CTA/CTR shall set transponder code A7600 and comply with standard ICAO procedures,

Supplemented by the following:

i. For aircraft departing on a SID where no cruising level has been specified in the enroute clearance (and therefore no level specified in the Current Flight Plan) the climb, after the appropriate time interval, shall be to the level contained in the Filed Flight Plan.

ii. Aircraft routeing on a ROTEV SID expecting transition to BOYNE
Aircraft routeing on a ROTEV SID experiencing communications failure, and expecting transition to BOYNE, should continue to ROTEV, then, in the most expeditious manner, route to BOYNE to join the Current Flight Plan route. Maintain the last assigned level for a period of three minutes, and then climb to the level specified in the Current Flight Plan.

7. Low Visibility Procedures

7.1. Low Visibility Procedures

Low Visibility Procedures means procedures applied at an Aerodrome for the purpose of ensuring safe operations during lower than Standard Category I, other than Standard Category II, Category II and III approaches and low visibility take-offs. Low Visibility take-off (LVTO) means a take-off with a runway visual range (RVR) lower than 550m.

When Low Visibility Procedures are in force the following standard taxi route system applies:

Table 1: Single Runway Operations Runway 28L

RUNWAY	TO/FROM	ARRIVAL TAXI ROUTE	DEPARTURE TAXI ROUTE	APRON TAXI ROUTES
28L	South and Main Apron (South of Link 4)	S5 or S7 to S, W2, M1	B1 to E1 or Link 2, F1 to E1 or Link 3, F2, F1 to E1	All
28L	Main Apron (Link 4 to Link 6)	S5 or S7 to S, W2, RWY34, N, F-Outer	F3, F2, F1 to E1	All
28L	North Apron	S5 or S7 to S, W2, RWY34, N, K	AT6, DN/DS/C, F-Outer/Inner, F3, F2, F1 to E1	All
28L	West Apron (Northern stands)	S5 or S7 to S, W2, W3	W3, W2, M1, F3, F2, F1 to E1	All
28L	West Apron (Southern stands)	S5 or S7 to S, W2	W2, M1, F3, F2, F1 to E1	All
28L	Main Apron If Holding for a stand	S5 or S7 to S, W1	N/A	All

Table 2: Single Runway Operations Runway 10R

RUNWAY	TO/FROM	ARRIVAL TAXI ROUTE	DEPARTURE TAXI ROUTE	APRON TAXI ROUTES
10R	South and Main Apron (South of Link 4)	E1,TWY B1/F1 or S2, W1, H1	B1/Z, F1, F2, F3, M1, W2, S to S7 or Link 2, F2, F3, M1, W2, S to S7 or Link 3, F3, M1, W2, S to S7	All
10R	To South Apron if Holding for a stand	E1 or S2, W1, H1, F3, F2, F1. E1, B1	N/A	AII
10R	Main Apron (Link 4 to Link 6)	E1, F1, F2, F3 or S2, W1, H1	F-Outer/Inner, N, RWY16, W2, S to S7	All
10R	North Apron	E1, F1, F2, F3, F-Outer/Inner or S2, W1, H1, F-Outer/ Inner	AT6 or DN/DS/C, K, N, RWY16, W2, S to S7	All
10R	West Apron (Northern stands)	E1, Link 4, M1, W2, W3 or S2, W1, H1, M1, W2, W3	W3, W2, S to S7	All
10R	West Apron (Southern stands)	E1, Link 4, M1, W2 or S2, W1, H1, M1, W2	W2, S to S7	All

Table 3: Single Runway Operations Runway 28R

RUNWAY	TO/FROM	ARRIVAL TAXI ROUTE	DEPARTURE TAXI ROUTE	APRON TAXI ROUTES
28R	South and Main Apron (South of Link 4)	N5 or N7 to M, RWY16-M1	B1/Z, F1, F2, F3, F-Outer-N to N2 or Link 2, F2, F3, F-Outer-N to N2 or Link 3, F3, F-Outer-N to N2	All
28R	Main Apron (Link 4 to Link 6)	N5 or N7 to M, RWY16, M1	F-Inner, F-Outer, N, N2	All
28R	North Apron	N5 or N7 to M, RWY16-M1	AT6, DN/DS/C, F-Outer, N, N2	All
28R	West Apron (Northern stands)	N5 or N7 to M, RWY16, W2, W3	W3, W2, M1, F-Outer, N, N2	All
28R	West Apron (Southern stands)	N5 or N7 to M, RWY16, W2	W2, M1, F-Outer, N, N2	All

Table 4: Segregated Parallel Runway Operations Runway 28

RUNWAY	TO/FROM	ARRIVAL TAXI ROUTE RWY 28L	DEPARTURE TAXI ROUTE RWY 28R	APRON TAXI ROUTES
28	South and Main Apron (South of Link 4)	S5 or S7 to S, W2, M1	B1/Z, F1, F2, F3, H1, RWY34, N to N2 or Link 2, F2, F3, H1, RWY34, N to N2 or Link 3, F3, H1, RWY34, N to N2	All
28	Main Apron (Link 4 to Link 6)	S5 or S7 to S, W2, M1	F-Outer, N to N2	All
28	North Apron	S5 or S7 to S, W2, M1	AT6, DN/DS/C, F-Outer, N to N2	All
28	West Apron (Northern stands)	S5 or S7 to S, W2, W3	W3, W2, RWY34, N to N2	All
28	West Apron (Southern stands)	S5 or S7 to S, W2	W2, RWY34, N to N2	All
28	Main Apron If Holding for a stand	S5 or S7 to S, W1	N/A	All

Note: Code C aircraft shall not be instructed to push back onto Taxiway Foxtrot Outer during Low Visibility Operations.

CAT II/III RWY holding positions will apply as follows:

Departure Runway	CAT II/III Holding Position
RWY 28L	TWY E1
RWY 10R	TWY S7
RWY 28R	TWY N2

TWY/stopbar/centreline lighting will be in use.

Pilots will be informed by ATIS broadcast or RTF when Low Visibility Procedures have been initiated.

Full details of low visibility operations are available on request from AD Administration (EIDW AD 2.2)

A maximum taxiing speed limit of 15KT applies to all aircraft during the periods when Low Visibility Procedures are in force.

7.2. Low Visibility Take Offs (LVTOs)

Low Visibility Take-off (LVTO) means a take-off with a runway visual range (RVR) lower than 550m.

During LVP Operations, LVTOs are permitted from Runway 10R/28L and Runway 28R.

It is the at the discretion of the PIC to depart based on their airline operating procedures in LVP conditions.

Take-offs are not available when IRVR values fall below 125m for the runway in use.

All IRVR readings for the departure runway in use must show 125m or greater.

ATC shall inform departing pilots when any IRVR values for the departure runway falls below 125m.

8. Holding Procedures

A standard rate of descent of between 500ft and 1000ft per min in holding patterns will be used unless otherwise instructed by ATC.

9. Operation of Mode S transponders on the Movement Area.

Mode S transponders shall be operated on the Movement Area in accordance with the following provisions:

9.1 Departing aircraft:

i. Set aircraft identification and, when received, set assigned Mode A code.

ii. Immediately prior to request for push back or taxi, or when advising Clearance Delivery that you are ready for push and start, whichever is earlier, select: “Automatic mode” (e.g.: AUTO) or, if automatic mode is not available, select “on” (e.g. ON or XPDR),

iii. Only when approaching the holding position of the departure runway, select “TCAS” (e.g.: TA/RA).

9.2 Arriving aircraft:

i. As soon as practicable after landing de-select “TCAS” (e.g.: deselect TA/RA),

ii. Select “automatic mode” (e.g.: AUTO) or, if automatic mode is not available, select “on” (e.g. ON or XPDR),

iii. Continue to squawk last assigned Mode A code until fully parked, When fully parked, select “standby” (e.g.: STBY).

10. VFR Procedures, Dublin CTR/CTA and environs

10.1 Flight Plan

Flight Plans are mandatory for flights within Dublin CTR/CTA. Flights planned to transit EIR23, EIR15, EIR16 should include this information in field 15 of the Flight Plan

Flights planning to enter or leave Dublin CTR should, when practicable, indicate in item 16 of the Flight Plan, an alternate aerodrome situated outside Dublin CTR.

Where the flight destination is not an aerodrome licensed for public use, the address of the place of intended landing together with the name and telephone number of the property owner should be indicated in field 18 of the Flight Plan.

10.2 Special VFR is available within Dublin CTR in accordance with the provisions of EU Reg. No 923/2012 - SERA.5010 Special VFR in control zones.

10.3 Flight Information Service is provided H24. When required and as promulgated by ATIS, a discrete frequency (118.500 MHz) is allocated to the provision of FIS for aircraft in class G airspace.

10.3.1 Low Flying Aircraft Radio Communications

When flying at low level, in or around mountainous terrain or in other regions with poor radio communication, radio transmissions to and from ground might not be possible due to obstacles affecting line of sight VHF radio communications.

Aircraft at low level <1500ft (where the radio horizon is roughly 55 miles/90km) and below may have difficulties establishing and/or maintaining radio communication with Dublin FIS radios located at Dublin Airport in the area south of the Wicklow mountains or at the boundaries of the Dublin CTA due to radio horizon and radio line of sight due to terrain obstacles, coupled with the aircraft antennas fitted.

Aircraft should consider problems with establishing and/or maintaining radio communication with Dublin FIS.

10.4 Landing Lights should be shown at all times during flight within Dublin CTR.

10.5 ATC Clearances for flights departing from within Dublin CTR.

Prior to departure

i. From Dublin Airport by request for start up to Dublin Ground, 122.985MHz or 121.800 MHz if non 8.33kHz equipped.

ii. Other than Dublin Airport

- Contact Dublin ATC by telephone for prior approval
- Request for start/lift to Dublin Tower from frequency issued in prior approval

- If no RTF two-way communication can be established, contact Dublin ATC by telephone and request a time for take off / Lift off.

Take off / Lift without prior two-way communications with Dublin ATC is not permitted.

10.6 **ATC Clearances for flights arriving to destinations within Dublin CTA/CTR**

Prior to penetration of Dublin CTA/CTR, by submitting a request at least 10 minutes before ETA at the airspace boundary to the relevant ATSU as follows:

a. Dublin Tower:

- 118.600 MHz for entry to the Dublin CTR South of Dublin Airport
- 124.680 MHz for entry to the Dublin CTR North of Dublin Airport (non 8.33kHz equipped aircraft contact 128.800);

b. Dublin ACC Lower North, Channel 132.580 for entry to the Dublin CTA, North Sector;

c. Dublin ACC Lower South, 120.755 for entry to the Dublin CTA, South Sector.

d. Dublin ACC, for entry to the Dublin CTA, non 8.33 kHz equipped, 124.650 MHz or 126.250 MHz

Note: Dublin ACC Lower North Sector is divided from Dublin South Sector by a boundary line extending along the extended centreline of RWY 10R/28L.

10.7 VFR Routes

10.7.1 **Flights departing/arriving at Dublin Airport are normally cleared as follows:**

i. North arrivals/departures: via Skerries VFR Route or Naul Town VRP
ii. West arrivals/departures: via Skerries VFR Route, Dunshaughlin VFR Route or Naul Town VRP
iii. South arrivals: As instructed by Dublin Tower
iv. South West arrivals
- Fixed wing flights to enter the Dublin CTR at The Square, Tallaght, Dunshaughlin VRP, Naul Town VRP or Skerries VRP
- Helicopter flights to enter Dublin CTR at Redcow Roundabout or The Square, Tallaght

v. South departures
- As instructed by Dublin Tower,
  or
- Flights intending to transit EIR15 are cleared to either Palmerston Roundabout Hold or Marley Park Hold to await onwards clearance from Baldonnel Tower.

10.7.2 **Flights with departure/destination other than Dublin Airport are normally cleared as follows:**

i. North arrivals/departures
- As directed by Dublin ATC, or
- Skerries VFR route or Naul Town VRP.

ii. West arrivals/departures
- As instructed by Dublin ATC, or
- Skerries VFR Route, Dunshaughlin VFR route or Naul Town VRP.

iii. South west arrivals
- As instructed by Dublin ATC, or
- Helicopter VFR flights to enter Dublin CTR at Red Cow Roundabout or The Square, Tallaght. or
- Fixed-wing VFR flights to enter the Control Zone at Dunshaughlin VRP, Naul Town VRP or Skerries VRP.

iv. South arrivals as instructed by Dublin ATC.

v. South departures

- As instructed by Dublin ATC, or
- Flights intending to transit EIR15 route to either the Palmerston Roundabout Hold or the Marley Park Hold to await onwards clearance from Baldonnel Tower

vi. Weston arrivals from the East

- As instructed by Dublin ATC, or
- Weston VFR Route

10.8 Visual Holding Patterns

Visual Holding Patterns for category A aircraft are established as follows:

10.8.1 Broad Meadow Bridge (532756.45N 0061125.11W (WGS-84)

Left-hand pattern, based on the M1 motorway bridge, which crosses the Broad Meadow estuary.
Outbound leg is 1 minute, flown at 90KT IAS. Inbound track 187° M. Minimum holding altitude is 1000ft QNH.
The following criteria also apply:
On arriving overhead the Fix, left turn onto the outbound leg should be initiated before the southern shore of the Broad Meadow estuary.
Left turn onto the inbound leg to the Fix should be completed to the east of the M1/N1 road.
The inbound leg to the fix should remain east of the M1/N1 road at all times.
Broad Meadow Bridge Holding Pattern is not available when Runway 10L is in use.

10.8.2 Palmerston Roundabout (532124.26N 0062303.57W (WGS-84)

Left-hand pattern, based on the Palmerston roundabout, which intersects the M50 motorway and the M4/N4 road.
Outbound leg is 1 minute, flown at 90 KT IAS. Inbound track 277° M. Minimum holding altitude is 1700ft QNH.

10.8.3 Marley Park House (531636.19N 0061601.09W (WGS-84)

Right hand pattern, based on Marley Park House, a large manor house inside the grounds of Marley Public Park.
Outbound leg is 1 minute, flown at 90KT IAS. Inbound track 284° M. Minimum holding altitude is 1700ft QNH.

10.8.4 Other Visual Reporting Points (VRPs) (WGS-84)

- VRP Ashbourne Town 533043.95N 0062354.93W
- VRP Baily Lighthouse 532141.65N 0060308.76W
- VRP Ballymun Centre 532339.93N 0061554.74W
- VRP Bray Head 531119.49N 0060503.83W
- VRP Cellbridge Town 532020.42N 0063222.16W
- VRP Donadea Wood 532021.28N 0064449.03W
- VRP Dunboyne Town 532517.22N 0062836.15W
- VRP Dunshaughlin Town 533051.04N 0063228.82W
- VRP Dunsoghly Castle 532537.48N 0061910.36W
- VRP Garristown Village 533400.27N 0062258.13W

- VRP Heuston Station 532046.18N 0061746.66W
- VRP Kilcock Town 532358.13N 0064005.43W
- VRP Killiney Hill 531555.09N 0060714.33W
- VRP Kilteel Village 531410.34N 0063128.07W
- VRP Lambay Island 532929.64N 0060057.65W
- VRP Malahide Town 532704.80N 0060859.56W

10.9 Circuit Operation,

Dublin Airport Circuit training is not permitted at Dublin Airport.

10.10 Radio Communications Failure Procedures – VFR Traffic

10.10.1 Departure Traffic

Proceed in accordance with the ATC clearance last received and acknowledged and land at the most suitable aerodrome located outside Dublin Control Zone. Report arrival to an appropriate ATC unit by the most expeditious means.

10.10.2 Arrival Traffic

If outside the control Zone, proceed with the flight plan route, remaining clear of the Control Zone and comply with flight plan closure procedures, or

If within the Control Zone, EXIT, ensuring that the aircraft remains clear of Dublin Aerodrome and the approach and Take off path of the Runway(s) in use.

EIDW AD 2.23 ADDITIONAL INFORMATION

Refer to ENR 5.6 for bird hazard information.

Bird Hazard Information

Migrating birds over flying airfield between 1000ft to 10000ft. Possible strikes for both arriving and departing aircraft. Also possible increase in bird strikes from seagulls on days of low pressure due to gulls coming inland.

Refer to ENR 1.6 2.8 Monitoring Codes

Code F

Dublin Airport has a minimal capacity to handle Code F aircraft for diversions, exceptional and planned movements. Operators should give as much advance notice as possible to ensure sufficient resources are in place.

Dublin Airport is available for B777-800 and B777-900 aircraft operation. If the wing tips fail to fold after the landing at Dublin Airport, pilot is required to inform ATC and request a follow-me service to stand. Pilots must proceed with caution and follow all the instructions from the follow-me provider.

Helicopter Operations

Helicopter operations are not permitted at Dublin Airport, unless, prior approval has been granted and the Helicopter has originated from an Aerodrome with a CPSRA. Only Search and Rescue Helicopters are exempt from this requirement.

Provision of information to the IATA Standard for AOS:

1. DAA requires that airlines and handling agents submit messages for inbound and outbound Dublin Flights, in the standard format described in the IATA Airport Handling Manual.
2. The address that all the SITA messages shall be sent to is DUBRN7X.
3. The following are the three principal message types to be submitted to daa:

a. Load messages (AHM 583).

b. Statistical load summary (AHM 588).

c. Aircraft movement message (AHM 780).

4. Passenger Services Messages (PSMs) and Passenger Transfer Messages (PTMs) are also processed by the AOS. A standard format is required. Examples of the appropriate formats for these and other message types, including those related to passengers are available on the Dublin Airport Operations Library.

EIDW AD 2.24 CHARTS RELATED TO AN AERODROME

Name	Page
Aerodrome Chart - ICAO	EIDW AD 2.24-1
Aircraft Parking/Docking Chart - ICAO	EIDW AD 2.24-2
Aerodrome Obstacle Chart RWY 10R/28L - ICAO	EIDW AD 2.24-3
Aerodrome Obstacle Chart RWY 10L/28R - ICAO	EIDW AD 2.24-4
Aerodrome Obstacle Chart RWY 16/34 - ICAO	EIDW AD 2.24-5
Precision Approach Terrain Chart RWY 28L - ICAO	EIDW AD 2.24-6
Precision Approach Terrain Chart RWY 28R - ICAO	EIDW AD 2.24-7
Precision Approach Terrain Chart RWY 10L - ICAO	EIDW AD 2.24-8
Precision Approach Terrain Chart RWY 10R - ICAO	EIDW AD 2.24-9
Standard Departure Chart – Instrument RNAV RWY 28L CAT A, B - ICAO	EIDW AD 2.24-10
Standard Departure Chart – Instrument RNAV RWY 28L CAT C, D - ICAO	EIDW AD 2.24-11
Standard Departure Chart – Instrument RNAV RWY 28R CAT A, B - ICAO	EIDW AD 2.24-12
Standard Departure Chart – Instrument RNAV RWY 28R CAT C, D - ICAO	EIDW AD 2.24-13
Standard Departure Chart - Instrument RNAV RWY 10L CAT A,B - ICAO	EIDW AD 2.24-14
Standard Departure Chart - Instrument RNAV RWY 10L CAT C,D - ICAO	EIDW AD 2.24-15
Standard Departure Chart – Instrument RNAV RWY 10R CAT A, B - ICAO	EIDW AD 2.24-16
Standard Departure Chart – Instrument RNAV RWY 10R CAT C, D - ICAO	EIDW AD 2.24-17
Standard Departure Chart – Instrument RNAV RWY 16 CAT A, B - ICAO	EIDW AD 2.24-18
Standard Departure Chart – Instrument RNAV RWY 16 CAT C, D - ICAO	EIDW AD 2.24-19
Standard Departure Chart – Instrument RNAV RWY 34 CAT A, B - ICAO	EIDW AD 2.24-20
Standard Departure Chart – Instrument RNAV RWY 34 CAT C, D - ICAO	EIDW AD 2.24-21
Standard Arrival Chart - Instrument RNAV RWY 28L/R (With Lateral Holding/Point Merge) - ICAO	EIDW AD 2.24-22
Standard Arrival Chart - Instrument RNAV RWY 10L/R (With Lateral Holding/Point Merge) - ICAO	EIDW AD 2.24-23
Standard Arrival Chart - Instrument RNAV RWY 16 - ICAO	EIDW AD 2.24-24
Standard Arrival Chart - Instrument RNAV RWY 34 - ICAO	EIDW AD 2.24-25
Instrument Approach Chart RNP RWY 28L - ICAO	EIDW AD 2.24-26
Instrument Approach Chart - ILS CAT I & II or LOC RWY 28L - ICAO	EIDW AD 2.24-27

Name	Page
Instrument Approach Chart VOR RWY 28L - ICAO	EIDW AD 2.24-28
Instrument Approach Chart RNP RWY 28R CAT A,B,C,D - ICAO	EIDW AD 2.24-29
Instrument Approach Chart ILS CAT I and II or LOC RWY 28R CAT A,B,C,D - ICAO	EIDW AD 2.24-30
Instrument Approach Chart RNP RWY 10L - ICAO	EIDW AD 2.24-32
Instrument Approach Chart - ILS CAT I & II or LOC RWY 10L - ICAO	EIDW AD 2.24-33
Instrument Approach Chart RNP RWY 10R CAT A, B, C, D - ICAO	EIDW AD 2.24-35
Instrument Approach Chart - ILS CAT I & II or LOC RWY 10R - ICAO	EIDW AD 2.24-36
Instrument Approach Chart VOR RWY 10R - ICAO	EIDW AD 2.24-37
Instrument Approach Chart RNP RWY 16 - ICAO	EIDW AD 2.24-38
Instrument Approach Chart - ILS CAT I or LOC RWY 16 - ICAO	EIDW AD 2.24-39
Instrument Approach Chart VOR RWY 16 - ICAO	EIDW AD 2.24-40
Instrument Approach Chart RNP RWY 34 - ICAO	EIDW AD 2.24-41
Instrument Approach Chart VOR RWY 34 - ICAO	EIDW AD 2.24-42
ATC Surveillance Minimum Altitude Chart - ICAO	EIDW AD 2.24-43
Visual Approach Chart - ICAO	EIDW AD 2.24-44
Instrument Approach Chart - RNP T RWY 28L - ICAO	EIDW AD 2.24-46

EIDW AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

AERODROME CHART - ICAO

53 25 17 N
006 16 12 W
ELEV 243 FT

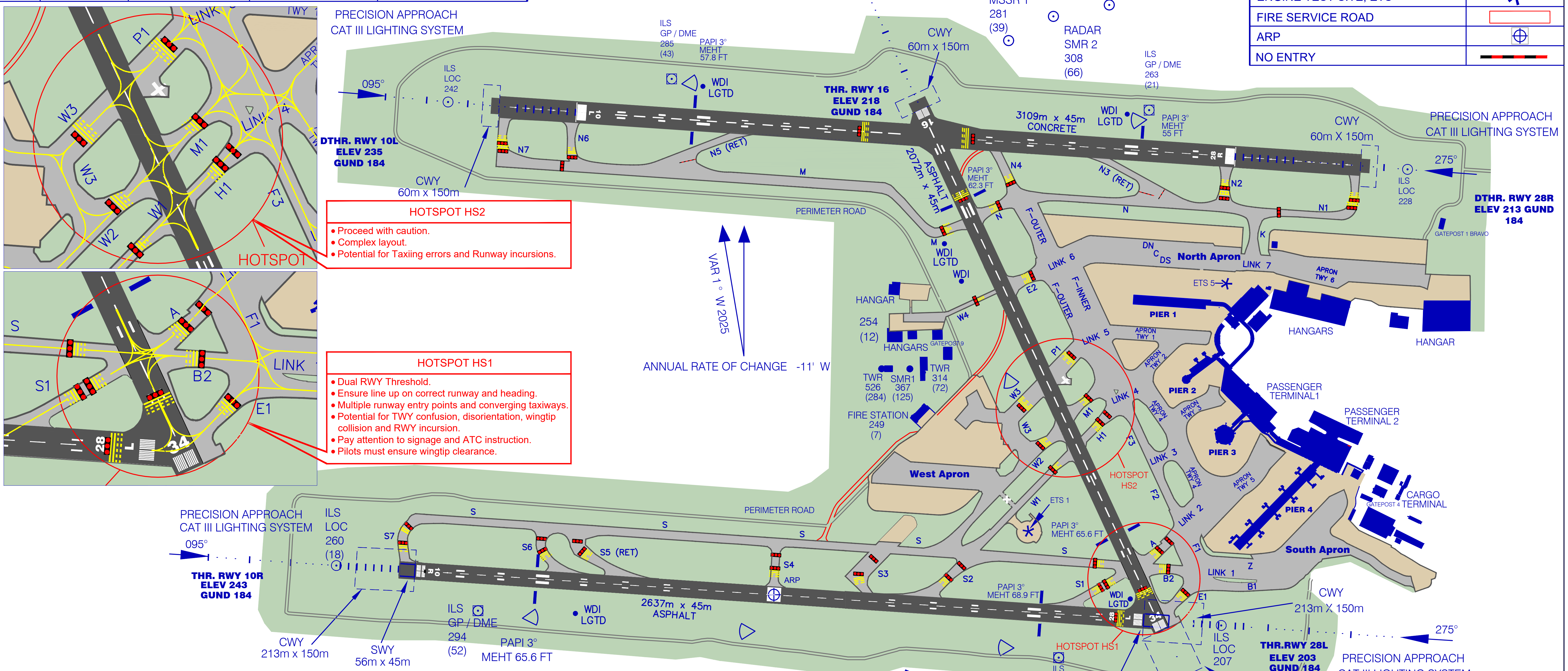
TWR 118.600MHz ATIS 124.530
GND 121.800MHz CLEARANCE DELIVERY 122.985
GND 125.885MHz

CONSULT NOTAM FOR LATEST INFORMATION

DUBLIN AIRPORT/ IRELAND

RWY	DIRECTION	THR		BEARING STRENGTH
10R	95°	53 25 20.75 N	006 17 24.27 W	PCR 910/R/B/W/T ASPH
28L	275°	53 25 12.94 N	006 15 02.08 W	
16	157°	53 26 13.16 N	006 15 43.12 W	PCR 3020/F/B/W/T ASPH
34	337°	53 25 11.66 N	006 14 58.54 W	
10L	95°	53 26 13.79 N	006 16 50.22 W	PCR 1140/R/C/W/T CONC
28R	275°	53 26 06.73 N	006 14 41.87 W	

LEGEND	
RVR	
DISUSED PAVEMENT	
STOPBAR	
RUNWAY HOLDING POSITION MARKINGS	
HOT SPOT	
CLEARWAY	
STOPWAY	
ENGINE TEST SITE, ETS	
FIRE SERVICE ROAD	
ARP	
NO ENTRY	


HOTSPOT HS2
• Proceed with caution.
• Complex layout.
• Potential for Taxiing errors and Runway incursions.
HOTSPOT HS1
• Dual RWY Threshold.
• Ensure line up on correct runway and heading.
• Multiple runway entry points and converging taxiways.
• Potential for TWY confusion, disorientation, wingtip collision and RWY incursion.
• Pay attention to signage and ATC instruction.
• Pilots must ensure wingtip clearance.
PRECISION APPROACH CAT III LIGHTING SYSTEM
PRECISION APPROACH CAT I LIGHTING SYSTEM
DTHR. RWY 10L ELEV 235 GUND 184
THR. RWY 16 ELEV 218 GUND 184
3109m x 45m CONCRETE
2072m x 45m ASPHALT
2637m x 45m ASPHALT
DTHR. RWY 28R ELEV 213 GUND 184
THR. RWY 10R ELEV 243 GUND 184
THR.RWY 28L ELEV 203 GUND 184
THR. RWY 34 ELEV 202 GUND 184
CWY 60m x 150m
CWY 213m x 150m
CWY 183m x 150m
SWY 56m x 45m
SWY 91m x 45m
RADAR MSSR 1 281 (39)
RADAR MSSR 2 272 (30)
RADAR SMR 2 308 (66)
RADAR SMR 3 343 (101)
TWR 526 (284)
SMR1 367 (125)
TWR 314 (72)
FIRE STATION 249 (7)
HANGAR 254 (12)
ANNUAL RATE OF CHANGE -11' W
VAR 1° W 2025
North Apron
West Apron
South Apron
PASSENGER TERMINAL1
PASSENGER TERMINAL 2
CARGO TERMINAL
PIER 1
PIER 2
PIER 3
PIER 4
AIRFIELD MAINTENANCE BASE
SIMPLE APPROACH LIGHTING SYSTEM
PERIMETER ROAD
HOTSPOT HS1
HOTSPOT HS2
SCALE
METRES 0 500 1000
FEET 0 1000 2000 3000

NOTE 1	RWY 10R/28L IS PROVIDED WITH 7.5M WIDE ASPHALT SHOULDERS
NOTE 2	RWY 10L/28R IS PROVIDED WITH 7.5M WIDE CONCRETE SHOULDERS
NOTE 3	ALL TAXIWAYS 23M WIDE OR GREATER EXCEPT: W4, DN & DS ARE 15M WIDE. REFER TO AIP EIDW AD 2.8
NOTE 4	TAXIWAYS S5, N3, AND N5 ARE THE ONLY RAPID EXIT TAXIWAYS (RET) AT DUBLIN AIRPORT
NOTE 5	BEARINGS ARE TRUE
NOTE 6	LINEAR DIMENSION IN METRES
NOTE 7	ELEVATIONS IN FEET AMSL
NOTE 8	HEIGHT IN FEET ABOVE AERODROME ELEVATION SHOWN IN BRACKETS

CHANGES: PCR update for RWY 16/34 and RWY 10R/28L, removal of TWY T and reintroduction of TWY B1 and TWY Z, West Apron crossing road and stop bar removed from chart, addition of substation to the North Apron and Link 7 text to the chart. Island added on the Link 4. SLC Geomatic Solutions.

AIP IRELAND
AIRCRAFT PARKING / DOCKING CHART - ICAO

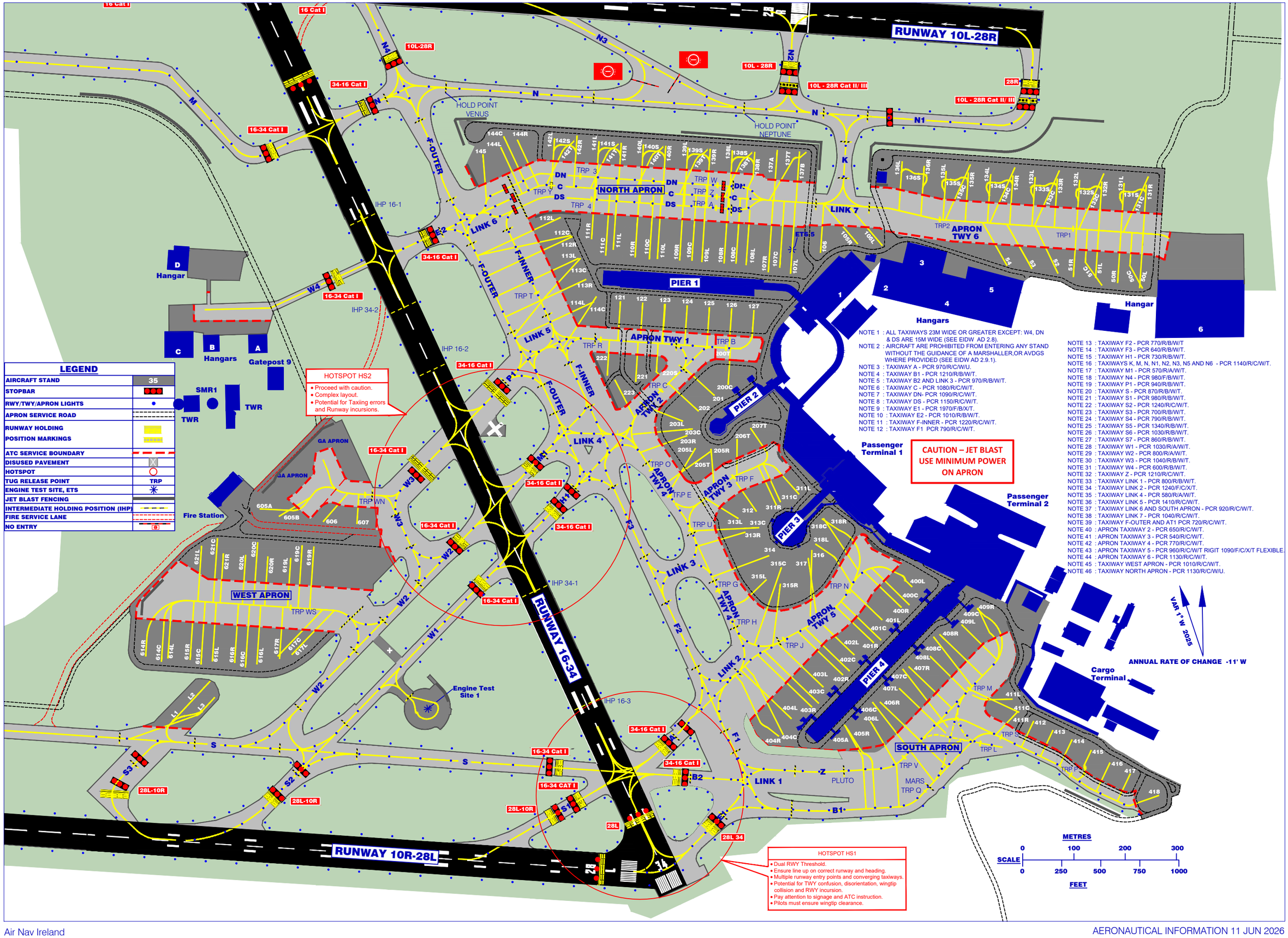
APRON ELEV.
220 FT

TWR 118.600MHz	ATIS	124.530
GND 121.800MHz	CLEARANCE DELIVERY	122.985
GND 125.885MHz		

EIDW AD 2.24-2

DUBLIN AIRPORT/ IRELAND

CHANGES: Removal of TWY T and reintroduction of TWY B1 and TWY Z, introduction of self-manoeuvring stands 131S, 132S, 133S, 134S, 135S and 136S. Crossing point removed and ATC service boundary relocated to between stands 125-126. Coordinates updated for stands 200T, 615C, 616C, 619C, 619R, 620C and 621C. Removal of stands 618L, 618C and 618R. Removal of West Apron road crossing. Hangars on the West Apron labelled A-D, hangars on North Apron labelled 1-6. PCRs updated on TWYs B1, E2, F1, N4, S2, S3, Z, Link 7, AT6 and North Apron. Addition of CAT I/II/III co-located runway holding position at TWY E1. Removal of lead in lines to Hangar 6. SLC Geomatic Solutions.



LEGEND

AIRCRAFT STAND	35
STOPBAR	
RWY/TWY/APRON LIGHTS	
APRON SERVICE ROAD	
RUNWAY HOLDING POSITION MARKINGS	
ATC SERVICE BOUNDARY	
DISUSED PAVEMENT	
HOTSPOT	
TUG RELEASE POINT	TRP
ENGINE TEST SITE, ETS	
JET BLAST FENCING	
INTERMEDIATE HOLDING POSITION (IHP)	
FIRE SERVICE LANE	
NO ENTRY	

NOTE 1 : ALL TAXIWAYS 23M WIDE OR GREATER EXCEPT: W4, DN & DS ARE 15M WIDE (SEE EIDW AD 2.8).
NOTE 2 : AIRCRAFT ARE PROHIBITED FROM ENTERING ANY STAND WITHOUT THE GUIDANCE OF A MARSHALLER,OR AVDGS WHERE PROVIDED (SEE EIDW AD 2.9.1).
NOTE 3 : TAXIWAY A - PCR 970/R/C/W/U.
NOTE 4 : TAXIWAY B1 - PCR 1210/R/B/W/T.
NOTE 5 : TAXIWAY B2 AND LINK 3 - PCR 970/R/B/W/T.
NOTE 6 : TAXIWAY C - PCR 1080/R/C/W/T.
NOTE 7 : TAXIWAY DN- PCR 1090/R/C/W/T.
NOTE 8 : TAXIWAY DS - PCR 1150/R/C/W/T.
NOTE 9 : TAXIWAY E1 - PCR 1970/F/B/X/T.
NOTE 10 : TAXIWAY E2 - PCR 1010/R/B/W/T.
NOTE 11 : TAXIWAY F-INNER - PCR 1220/R/C/W/T.
NOTE 12 : TAXIWAY F1 PCR 790/R/C/W/T.
NOTE 13 : TAXIWAY F2 - PCR 770/R/B/W/T
NOTE 14 : TAXIWAY F3 - PCR 640/R/B/W/T.
NOTE 15 : TAXIWAY H1 - PCR 730/R/B/W/T.
NOTE 16 : TAXIWAYS K, M, N, N1, N2, N3, N5 AND N6 - PCR 1140/R/C/W/T.
NOTE 17 : TAXIWAY M1 - PCR 570/R/A/W/T.
NOTE 18 : TAXIWAY N4 - PCR 980/F/B/W/T.
NOTE 19 : TAXIWAY P1 - PCR 940/R/B/W/T.
NOTE 20 : TAXIWAY S - PCR 870/R/B/W/T.
NOTE 21 : TAXIWAY S1 - PCR 980/R/B/W/T.
NOTE 22 : TAXIWAY S2 - PCR 1240/R/C/W/T.
NOTE 23 : TAXIWAY S3 - PCR 700/R/B/W/T.
NOTE 24 : TAXIWAY S4 - PCR 790/R/B/W/T.
NOTE 25 : TAXIWAY S5 - PCR 1340/R/B/W/T.
NOTE 26 : TAXIWAY S6 - PCR 1030/R/B/W/T.
NOTE 27 : TAXIWAY S7 - PCR 860/R/B/W/T.
NOTE 28 : TAXIWAY W1 - PCR 1030/R/A/W/T.
NOTE 29 : TAXIWAY W2 - PCR 800/R/A/W/T.
NOTE 30 : TAXIWAY W3 - PCR 104/R/B/W/T.
NOTE 31 : TAXIWAY W4 - PCR 600/R/B/W/T.
NOTE 32 : TAXIWAY Z - PCR 1210/R/C/W/T.
NOTE 33 : TAXIWAY LINK 1 - PCR 800/R/B/W/T.
NOTE 34 : TAXIWAY LINK 2 - PCR 1240/F/C/X/T.
NOTE 35 : TAXIWAY LINK 4 - PCR 580/R/A/W/T.
NOTE 36 : TAXIWAY LINK 5 - PCR 1410/R/C/W/T.
NOTE 37 : TAXIWAY LINK 6 AND SOUTH APRON - PCR 920/R/C/W/T.
NOTE 38 : TAXIWAY LINK 7 - PCR 1040/R/C/W/T.
NOTE 39 : TAXIWAY F-OUTER AND AT1 PCR 720/R/C/W/T.
NOTE 40 : APRON TAXIWAY 2 - PCR 650/R/C/W/T.
NOTE 41 : APRON TAXIWAY 3 - PCR 540/R/C/W/T.
NOTE 42 : APRON TAXIWAY 4 - PCR 770/R/C/W/T.
NOTE 43 : APRON TAXIWAY 5 - PCR 960/R/C/W/T RIGIT 1090/F/C/X/T FLEXIBLE.
NOTE 44 : APRON TAXIWAY 6 - PCR 1130/R/C/W/T.
NOTE 45 : TAXIWAY WEST APRON - PCR 1010/R/C/W/T.
NOTE 46 : TAXIWAY NORTH APRON - PCR 1130/R/C/W/U.

INS CHECK POINTS

Stand	Latitude	Longitude	Max Wingspan	Max Length	Conditions	Remarks
50L	53 25 49.68 N	006 14 07.63 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 50C VACANT
50C	53 25 49.21 N	006 14 07.66 W	65.00m	63.73m	TAXI IN, PUSH OUT.	STANDS 50L, 50R VACANT
50R	53 25 49.81 N	006 14 09.98 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 50C VACANT
51L	53 25 49.94 N	006 14 12.32 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 51C VACANT
51C	53 25 49.44 N	006 14 11.98 W	65.00m	66.61m	TAXI IN, PUSH OUT.	STANDS 51L, 51R VACANT
51R	53 25 50.07 N	006 14 14.67 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 51C VACANT
52	53 25 50.29 N	006 14 16.53 W	36.00m	44.51m	TAXI IN, PUSH OUT.	
53	53 25 50.61 N	006 14 19.30 W	36.00m	37.57m	TAXI IN, PUSH OUT.	
54*	53 25 50.91 N	006 14 21.96 W	27.10m	27.20m	TAXI IN, PUSH OUT.	STAND VACANT TO ALLOW AIRCRAFT ENTRY/EXIT TO HANGAR
105L	53 25 52.26 N	006 14 35.12 W	27.05m	28.58m	TAXI IN, PUSH OUT.	
105R	53 25 52.41 N	006 14 37.71 W	27.05m	28.58m	TAXI IN, PUSH OUT.	
106	53 25 51.98 N	006 14 41.32 W	36.00m	44.51m	TAXI IN, PUSH OUT.	
107L	53 25 50.70 N	006 14 44.54 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 107C VACANT.
107C	53 25 51.10 N	006 14 45.66 W	65.00m	73.86m	TAXI IN, PUSH OUT.	STANDS 107L, 107R VACANT.
107R	53 25 50.84 N	006 14 46.88 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 107C VACANT.
108L	53 25 51.05 N	006 14 49.22 W	36.00m	47.00m	TAXI IN, PUSH OUT.	STAND 108C VACANT.
108C	53 25 51.15 N	006 14 50.30 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 108R, 108L VACANT.
108R	53 25 51.18 N	006 14 51.56 W	36.00m	47.00m	TAXI IN, PUSH OUT.	STAND 108C VACANT.
109L	53 25 51.31 N	006 14 53.91 W	36.00m	47.00m	TAXI IN, PUSH OUT.	STAND 109C VACANT.
109C	53 25 51.41 N	006 14 54.96 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 109R, 109L VACANT.
109R	53 25 51.44 N	006 14 56.26 W	36.00m	47.00m	TAXI IN, PUSH OUT.	STAND 109C VACANT.
110L	53 25 51.57 N	006 14 58.60 W	36.00m	47.00m	TAXI IN, PUSH OUT.	STAND 110C VACANT.
110C	53 25 51.55 N	006 14 59.46 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 110R, 110L VACANT.
110R	53 25 51.70 N	006 15 00.95 W	36.00m	47.00m	TAXI IN, PUSH OUT.	STAND 110C VACANT.
111L	53 25 52.22 N	006 15 03.24 W	36.00m	47.00m	TAXI IN, PUSH OUT.	STAND 111C VACANT.
111C	53 25 51.86 N	006 15 04.06 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 111T, 111L VACANT.
111R	53 25 53.21 N	006 15 05.45 W	36.00m	39.48m	TAXI IN, PUSH OUT.	STAND 111C VACANT.
112L	53 25 54.20 N	006 15 09.17 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 112C VACANT.
112C	53 25 53.11 N	006 15 08.17 W	60.30m	58.82m	TOW IN, PUSH OUT	STANDS 112L AND 112R VACANT.
112R	53 25 53.00 N	006 15 07.88 W	36.00m	46.50m	TAXI IN, PUSH OUT.	STAND 112C VACANT.
113L	53 25 51.60 N	006 15 07.37 W	36.00m	46.50m	TAXI IN, PUSH OUT.	STAND 113C VACANT.
113C*	53 25 51.71N	006 15 06.72W	64.80m	66.80m	TAXI IN, PUSH OUT.	STANDS 113L AND 113R VACANT.
113R*	53 25 50.38N	006 15 06.18W	36.00m	46.50m	TAXI IN, PUSH OUT.	STAND 113C VACANT.
114L*	53 25 49.28N	006 15 05.13W	36.00m	46.50m	TAXI IN, PUSH OUT.	STAND 114C VACANT.
114C*	53 25 48.96N	006 15 05.40W	64.80m	66.80m	TAXI IN, PUSH OUT.	STAND 114L VACANT.
121	53 25 48.95 N	006 15 02.61 W	36.00m	45.10m	TAXI IN, PUSH OUT.	
122	53 25 48.82 N	006 15 00.27 W	36.00m	45.10m	TAXI IN, PUSH OUT.	
123	53 25 48.69 N	006 14 57.92 W	36.00m	45.10m	TAXI IN, PUSH OUT.	
124	53 25 48.56 N	006 14 55.57 W	36.00m	45.10m	TAXI IN, PUSH OUT.	
125	53 25 48.43 N	006 14 53.23 W	36.00m	45.10m	TAXI IN, PUSH OUT.	
126	53 25 48.30 N	006 14 50.88 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STAND 200T VACANT AT ENTRY/EXIT.
127	53 25 48.17 N	006 14 48.54 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STAND 200T VACANT AT ENTRY/EXIT.
131L	53 25 55.32 N	006 14 09.13 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 131C VACANT.
131C	53 25 55.73 N	006 14 06.82 W	65.00m	70.67m	TAXI IN, PUSH OUT.	STANDS 131L, 131R VACANT.
131R	53 25 55.19 N	006 14 06.79 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 131C VACANT.
131S*	53 25 54.19 N	006 14 09.30W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 131L,131R & 131C VACANT
132L	53 25 55.57 N	006 14 13.83W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 132C VACANT.
132C	53 25 55.98 N	006 14 11.41 W	65.00m	70.67m	TAXI IN, PUSH OUT.	STANDS 132L, 132R VACANT.
132R	53 25 55.45 N	006 14 11.48 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 132C VACANT.
132S*	53 25 54.44 N	006 14 13.99 W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 132L, 132R & 132C VACANT.
133L	53 25 55.83 N	006 14 18.52 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 133C VACANT.
133C	53 25 56.24 N	006 14 16.11 W	65.00m	70.67m	TAXI IN, PUSH OUT.	STANDS 133L, 133R VACANT.
133R	53 25 55.71 N	006 14 16.17 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 133C VACANT.
133S*	53 25 54.70 N	006 14 18.69 W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 133L, 133R & 133C VACANT.
134L	53 25 56.09 N	006 14 23.21 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 134C VACANT.
134C	53 25 56.50 N	006 14 20.80 W	65.00m	70.67m	TAXI IN, PUSH OUT.	STANDS 134L, 134R VACANT.
134R	53 25 55.96 N	006 14 20.86 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 134C VACANT.
134S*	53 25 54.96 N	006 14 23.38 W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 134L, 134R & 134C VACANT.
135L	53 25 56.36 N	006 14 27.90 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 135C VACANT.
135C	53 25 56.76 N	006 14 25.49 W	65.00m	70.67m	TAXI IN, PUSH OUT.	STANDS 135L, 135R VACANT.
135R	53 25 56.22 N	006 14 25.56 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 135C VACANT.
135S*	53 25 55.22 N	006 14 28.07 W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 135L, 135R &135C VACANT.
136L	53 25 57.03 N	006 14 32.53 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 136S VACANT
136R	53 25 56.71 N	006 14 30.21 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 136S VACANT
136S*	53 25 55.59 N	006 14 30.38 W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 136L & 136R VACANT.
137A	53 25 57.93 N	006 14 45.70 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 137T VACANT.
137T	53 25 57.86 N	006 14 42.98 W	64.00m	63.69m	TAXI IN, PUSH OUT.	STANDS 137A, 137B VACANT.
137B	53 25 57.80 N	006 14 43.35 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 137T VACANT.
138L	53 25 58.28 N	006 14 50.39 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 138T, 138S VACANT.
138T	53 25 58.10 N	006 14 48.35 W	50.90m	54.10m	TAXI IN, PUSH OUT.	STANDS 138L, 138R, 138S VACANT.
138S	53 25 57.22 N	006 14 50.55 W	30.40m	30.50m	SELF MANOEUVRING	STANDS 138L, 138R, 138T VACANT.
138R	53 25 58.14 N	006 14 48.04 W	36.00m	48.90m	TAXI IN, PUSH OUT.	STANDS 138T, 138S VACANT.
139L	53 25 58.53 N	006 14 55.08 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 139T, 139S VACANT.
139T	53 25 58.36 N	006 14 53.04 W	50.90m	54.10m	TAXI IN, PUSH OUT.	STANDS 139L, 139R, 139S VACANT.
139S	53 25 57.47 N	006 14 55.24 W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 139L, 139R, 139T VACANT.
139R	53 25 58.40 N	006 14 52.73 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 139T, 139S VACANT.
140L	53 25 58.79 N	006 14 59.77 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 140T, 140S VACANT.
140T	53 25 58.62 N	006 14 57.72 W	50.90m	54.10m	TAXI IN, PUSH OUT.	STANDS 140L, 140R,140S VACANT.
140S	53 25 57.73 N	006 14 59.93 W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 140L, 140R, 140T VACANT.
140R	53 25 58.66 N	006 14 57.43 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 140T, 140S VACANT.
141L	53 25 59.05 N	006 15 04.46 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 141T, 141S VACANT.
141T	53 25 58.87 N	006 15 02.43 W	50.90m	54.10m	TAXI IN, PUSH OUT.	STANDS 141L, 141R, 141S VACANT.
141S	53 25 57.99 N	006 15 04.63 W	30.40m	30.50m	SELF MANOEUVRING.	STANDS 141L, 141R, 141T VACANT.
141R	53 25 58.92 N	006 15 02.12 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 141T, 141S VACANT.
142L	53 25 59.31 N	006 15 09.15 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 142T, 142S VACANT.
142T	53 25 59.11 N	006 15 07.11 W	50.90m	54.10m	TAXI IN, PUSH OUT.	STANDS 142L, 142R VACANT.
142S	53 25 58.25 N	006 15 09.32 W	30.40m	30.50m	SELF MANOEUVRING.	STAND 142L, 142R, 142T VACANT.
142R	53 25 59.18 N	006 15 06.81 W	36.00m	47.45m	TAXI IN, PUSH OUT.	STANDS 142T, 142S VACANT.
144L	53 25 58.66 N	006 15 14.83 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 144C VACANT.
144C	53 25 59.57 N	006 15 14.48 W	65.00m	74.00m	TAXI IN, PUSH OUT.	STANDS 144L, 144R VACANT.
144R	53 25 59.22 N	006 15 12.59 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 144C VACANT.
145	53 25 58.18 N	006 15 16.73 W	41.10m	47.40m	TAXI IN, PUSH OUT.	
200C	53 25 43.53 N	006 14 51.46 W	36.00m	39.50m	TAXI IN, PUSH OUT.	STAND 200T VACANT AT ENTRY/EXIT.
200T*	53 25 45.84 N	006 14 51.46 W	36.00m	39.50m	TOW ON, TAXI OFF.	
201	53 25 42.86 N	006 14 52.94 W	36.00m	45.10m	TAXI IN, PUSH OUT.	
202	53 25 41.90 N	006 14 54.66 W	36.00m	45.10m	TAXI IN, PUSH OUT.	
203L	53 25 41.29 N	006 14 56.30 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 203C VACANT.
203C	53 25 40.79 N	006 14 55.28 W	60.30m	63.70m	TAXI IN, PUSH OUT.	STANDS 203L AND 203R VACANT.
203R	53 25 40.38 N	006 14 55.87 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 203C VACANT.
205T	53 25 39.30 N	006 14 53.55 W	60.30m	63.70m	TAXI IN, PUSH OUT.	STANDS 205L AND 205R VACANT.
205L	53 25 39.55 N	006 14 55.09 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STANDS 205T VACANT.
205R	53 25 39.49 N	006 14 53.41 W	35.92m	39.50m	TAXI IN, PUSH OUT.	STAND 205T VACANT.
206T	53 25 40.08 N	006 14 50.63 W	34.10m	37.60m	TAXI IN, PUSH OUT.	
207T	53 25 40.75 N	006 14 49.19 W	35.92m	44.51m	TAXI IN, PUSH OUT.	
220S	53 25 44.48 N	006 14 59.00 W	27.05m	27.20m	SELF MANOEUVRING.	
221	53 25 44.14 N	006 15 01.17 W	35.80m	44.51m	TAXI IN, PUSH OUT.	
222	53 25 44.55 N	006 15 04.01 W	35.92m	39.48m	TAXI IN, PUSH OUT.	
223	53 25 43.74 N	006 15 03.19 W	35.80m	44.51m	TAXI IN, PUSH OUT.	
311L	53 25 36.52 N	006 14 44.26 W	34.10m	37.60m	TAXI IN, PUSH OUT.	STANDS 311C VACANT.
311C	53 25 36.05 N	006 14 46.58 W	41.10m	47.40m	TAXI IN, PUSH OUT.	STAND 311L, 311R VACANT.
311R	53 25 35.85 N	006 14 46.66 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STANDS 311C VACANT.
312	53 25 35.49 N	006 14 48.80 W	41.10m	47.40m	TAXI IN, PUSH OUT.	
313L	53 25 35.07 N	006 14 50.73 W	36.00m	39.50m	TAXI IN, PUSH OUT.	STANDS 313C VACANT.
313C	53 25 34.46 N	006 14 48.44 W	65.00m	74.00m	TAXI IN, PUSH OUT.	STAND 313L, 313R VACANT.
313R	53 25 34.20 N	006 14 50.02 W	35.80m	44.51m	TAXI IN, PUSH OUT.	STANDS 313C VACANT.
314	53 25 32.68 N	006 14 47.57 W	64.80m	66.90m	TAXI IN, PUSH OUT.	MAX WINGSPAN 47.60M WHEN STAND 315L OCCUPIED.
315L	53 25 31.17 N	006 14 47.91 W	35.80m	37.60m	TAXI IN, PUSH OUT.	STAND 315C VACANT. MAX SPAN 47.60M ON STAND 314.
315C	53 25 31.92 N	006 14 46.29 W	65.00m	74.00m	TAXI IN, PUSH OUT.	STAND 315L, 315R VACANT.
315R	53 25 30.89 N	006 14 46.44 W	35.80m	44.51m	TAXI IN, PUSH OUT.	STANDS 315C VACANT.
316	53 25 32.96 N	006 14 43.03 W	65.00m	74.00m	TAXI IN, PUSH OUT.	STAND 317, 318L VACANT.
317	53 25 32.47 N	006 14 43.44 W	60.30m	63.70m	TAXI IN, PUSH OUT.	STANDS 316 VACANT.
318L	53 25 33.35 N	006 14 42.63 W	41.10m	47.40m	TAXI IN, PUSH OUT.	STANDS 316, 318C VACANT.
318C	53 25 34.94 N	006 14 41.71 W	64.80m	66.90m	TAXI IN, PUSH OUT.	STANDS 318L, 318R VACANT. STAND 400T VACANT AT ENTRY/EXIT.
318R	53 25 34.78 N	006 14 41.55 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 318C VACANT. STAND 400T VACANT AT ENTRY/EXIT.
400L	53 25 30.50 N	006 14 32.56 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STAND 400C VACANT. STAND 400T VACANT AT ENTRY/EXIT.
400C	53 25 29.36 N	006 14 32.88 W	65.00m	74.00m	TAXI IN, PUSH OUT.	STAND 400L, 400R VACANT. STAND 400T VACANT AT ENTRY/EXIT.
400R	53 25 29.21 N	006 14 33.73 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 400C VACANT. STAND 400T VACANT AT ENTRY/EXIT
401L	53 25 28.45 N	006 14 35.79 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STAND 401C VACANT.
401C	53 25 27.36 N	006 14 36.25 W	65.00m	63.80m	TAXI IN, PUSH OUT.	STANDS 401L, 401R VACANT.
401R	53 25 27.23 N	006 14 37.08 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 401C VACANT.
402L	53 25 26.50 N	006 14 39.18 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STAND 402C VACANT.
402C	53 25 25.39 N	006 14 39.56 W	65.00m	74.00m	TAXI IN, PUSH OUT.	STANDS 402L, 402R VACANT.
402R	53 25 25.26 N	006 14 40.44 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 402C VACANT.
403L	53 25 24.57 N	006 14 42.61 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STAND 403C VACANT.
403C	53 25 23.41 N	006 14 42.91 W	65.00m	74.00m	TAXI IN, PUSH OUT.	STANDS 403L, 403R VACANT.
403R	53 25 23.27 N	006 14 43.79 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 403C VACANT.
404L	53 25 22.58 N	006 14 45.99 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STAND 404C VACANT.
404C	53 25 21.38 N	006 14 46.55 W	65.00m	74.00m	TAXI IN, PUSH OUT.	STANDS 404L, 404R VACANT.
404R	53 25 21.28 N	006 14 47.01 W	35.80m	45.10m	TAXI IN, PUSH OUT.	STAND 404C VACANT.
405A	53 25 21.63 N	006 14 39.76 W	41.40m	47.40m	TAXI IN, PUSH OUT.	STAND 405R VACANT. STAND 405A RESTRICTED TO B757-200W ONLY
405R	53 25 21.56 N	006 14 39.64 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 405A VACANT
406L	53 25 21.82 N	006 14 37.01 W	41.40m	47.40m	TAXI IN, PUSH OUT.	STAND 406C VACANT.
406C	53 25 23.12 N	006 14 36.82 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 406L, 406R VACANT.
406R	53 25 23.28 N	006 14 36.22 W	41.40m	47.40m	TAXI IN, PUSH OUT.	STAND 406C VACANT.
407L	53 25 23.91 N	006 14 33.83 W	34.10m	45.10m	TAXI IN, PUSH OUT.	STAND 407C VACANT.
407C	53 25 25.10 N	006 14 33.46 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 407L, 407R VACANT.
407R	53 25 25.27 N	006 14 32.76 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 407C VACANT.
408L	53 25 25.89 N	006 14 30.48 W	36.00m	45.10m	TAXI IN, PUSH OUT.	STAND 408C VACANT.
408C	53 25 27.07 N	006 14 30.11 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 408L, 408R VACANT.
408R	53 25 27.25 N	006 14 29.41 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 408C VACANT.
409L	53 25 27.83 N	006 14 27.06 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 409C VACANT AT ENTRY/EXIT
409C	53 25 28.94 N	006 14 25.56 W	60.30m	68.30m	TAXI IN, PUSH OUT.	STANDS 409L, 409R VACANT. USE MIN POWER ONLY. TOW ON IF A/C STOPS DURING ENTRY.
409R	53 25 28.81 N	006 14 25.38 W	36.00m	46.70m	TAXI IN, PUSH OUT.	STAND 409C VACANT AT ENTRY/EXIT.
411L	53 25 23.26 N	006 14 22.24 W	35.80m	44.51m	TAXI IN, PUSH OUT.	STANDS 411C VACANT.
411C	53 25 22.46 N	006 14 21.55 W	60.30m	63.70m	TAXI IN, PUSH OUT.	STANDS 411L, 411R VACANT.
411R	53 25 22.52 N	006 14 21.62 W	34.10m	37.60m	TAXI IN, PUSH OUT.	STAND 411C VACANT.
412	53 25 21.84 N	006 14 20.06 W	34.10m	37.60m	TAXI IN, PUSH OUT.	
413	53 25 21.24 N	006 14 18.04 W	34.10m	37.60m	TAXI IN, PUSH OUT.	
414	53 25 20.61 N	006 14 16.05 W	34.10m	37.60m	TAXI IN, PUSH OUT.	
415	53 25 19.92 N	006 14 14.04 W	36.00m	44.51m	TAXI IN, PUSH OUT.	
416	53 25 19.10 N	006 14 12.10 W	36.00m	44.51m	TAXI IN, PUSH OUT.	
417	53 25 18.38 N	006 14 09.98 W	36.00m	37.60m	TAXI IN, PUSH OUT.	
418	53 25 16.96 N	006 14 07.02 W	36.00m	44.51m	TAXI IN, PUSH OUT.	
605A	53 25 36.44 N	006 15 41.45 W	36.00m	44.51m	TAXI IN, PUSH OUT.	STAND 605B VACANT AT ENTRY/EXIT.
605B	53 25 35.81 N	006 15 39.23 W	36.00m	44.51m	TAXI IN, PUSH OUT.	
606	53 25 35.68 N	006 15 34.37 W	36.00m	39.50m	TAXI IN, PUSH OUT.	
607	53 25 35.52 N	006 15 31.01 W	34.10m	31.50m	TAXI IN, PUSH OUT.	
614R	53 25 27.25 N	006 15 53.76 W	36.00m	50.00m	TAXI IN, PUSH OUT.	STAND 614C VACANT.
614C	53 25 27.23 N	006 15 52.57 W	63.50m	75.40m	TAXI IN, PUSH OUT.	STANDS 614R, 614L VACANT.
614L	53 25 27.54 N	006 15 51.35 W	36.00m	50.00m	TAXI IN, PUSH OUT.	STAND 614C VACANT.
615R	53 25 27.00 N	006 15 49.06 W	36.00m	50.00m	TAXI IN, PUSH OUT.	STAND 615C VACANT.
615C	53 25 26.97 N	006 15 47.89 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 615R, 615L VACANT.
615L	53 25 26.87 N	006 15 46.72 W	36.00m	50.00m	TAXI IN, PUSH OUT.	STAND 615C VACANT.
616R	53 25 26.74 N	006 15 44.37 W	36.00m	50.00m	TAXI IN, PUSH OUT.	STAND 616C VACANT.
616C	53 25 26.71 N	006 15 43.19 W	65.00m	75.40m	TAXI IN, PUSH OUT.	STANDS 616R, 616L VACANT.
616L	53 25 26.61 N	006 15 42.03 W	36.00m	50.00m	TAXI IN, PUSH OUT.	STAND 616C VACANT.
617R	53 25 26.75 N	006 15 39.64 W	36.00m	50.00m	TAXI IN, PUSH OUT.	STAND 617C VACANT.
617C	53 25 27.12 N	006 15 39.79 W	60.30m	63.70m	TAXI IN, PUSH OUT.	STANDS 617R, 617L VACANT.
617L	53 25 27.51 N	006 15 37.77 W	36.00m	50.00m	TAXI IN, PUSH OUT.	STAND 617C VACANT.
619R	53 25 32.81 N	006 15 35.88 W	35.80m	44.51m	TAXI IN, PUSH OUT.	STAND 619C VACANT.
619C	53 25 33.13 N	006 15 37.01 W	60.12m	56.72m	TAXI IN, PUSH OUT.	STANDS 619R, 619L VACANT.
619L	53 25 33.01 N	006 15 38.21 W	36.00m	44.62m	TAXI IN, PUSH OUT.	STAND 619C VACANT.
620R	53 25 33.15 N	006 15 40.56 W	36.00m	44.62m	TAXI IN, PUSH OUT.	STAND 620C VACANT.
620C	53 25 33.41 N	006 15 41.70 W	60.12m	56.72m	TAXI IN, PUSH OUT.	STANDS 620R, 620L VACANT.
620L	53 25 33.27 N	006 15 42.90 W	36.00m	44.62m	TAXI IN, PUSH OUT.	STAND 620C VACANT.
621R	53 25 33.40 N	006 15 45.25 W	36.00m	44.62m	TAXI IN, PUSH OUT.	STAND 621C VACANT.
621C	53 25 33.77 N	006 15 45.99 W	60.12m	56.72m	TAXI IN, PUSH OUT.	STANDS 621R, 621L VACANT.
621L	53 25 33.91 N	006 15 47.54 W	36.00m	44.62m	TAXI IN, PUSH OUT.	STAND 621C VACANT.
L1*	53 25 23.75 N	006 15 50.01 W	34.10m	37.60m	TOW ON, TOW OFF	
L2*	53 25 24.85 N	006 15 48.20 W	34.10m	37.60m	TOW ON, TOW OFF	STANDS L1, L3 VACANT FOR TOW ON, TOW OFF.
L3*	53 25 23.79 N	006 15 47.81 W	34.10m	37.60m	TOW ON, TOW OFF	STAND L1 VACANT FOR TOW ON, TOW OFF.

NOTE 1: * DATA WHOSE ACCURACY HAS NOT BEEN QUALITY ASSURED.
NOTE 2: RESPONSIBILITY FOR CONTROL OF SURFACE TRAFFIC ON THE:- APRON - RESTS WITH THE AIRPORT AUTHORITY. MANOEUVRING AREA - RESTS WITH THE AIR TRAFFIC SERVICES. THE SERVICE PROVIDED BY ATC ON THE APRON IS ON AN INFORMATION ONLY BASIS.
NOTE 3: THE COORDINATES PROVIDED REPRESENT THE FRONT NOSE-IN POINT OF THE STAND.
NOTE 4: AIRCRAFT ARE PROHIBITED FROM ENTERING ANY STAND WITHOUT THE GUIDANCE OF A MARSHALLER, OR THE ADVANCED VISUAL DOCKING GUIDANCE SYSTEM (AVDGS) WHERE PROVIDED (SEE EIDW AD 2.9.1).
NOTE 5: REFER TO CURRENT AIP SUPPLEMENTS FOR DETAILS OF STANDS NOT SHOWN ON THIS CHART.
NOTE 6: SOME OF THE TAXI IN/PUSH OUT STANDS MAY BE USED BY BUSINESS/ GENERAL AVIATION AS SELF-MANOEUVRING, BASED ON LOCAL AGREEMENT AND PRIOR APPROVAL TO MITIGATE THE CAPACITY RESTRICTIONS.

EINN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EINN –SHANNON/International

EINN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP and its site**	524207N 0085529W Mid Point RWY 06/24
2	**Direction and distance from (city)**	25KM (13.5NM) WNW of Limerick City
3	**AD Elevation, Reference Temperature & Mean Low Temperature**	46ft AMSL/20.2°C (Max Temp) 0.7°C (MNM Temp)
4	**Geoid undulation at AD ELEV PSN**	189ft
5	**MAG VAR/Annual change**	04º W (2019)/11' decreasing
6	**AD Operator, address, telephone, telefax, email, AFS, Website**	Post: Shannon Airport Authority Shannon Airport Co Clare Phone:+ 353 61 712 000 Fax: + 353 61 471 719 Telex: SAF EI72016 AFS: EINNYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

EINN AD 2.3 OPERATIONAL HOURS

1	**AD Operator**	H24
2	**Customs and immigration**	H24
3	**Health and sanitation**	H24
4	**AIS Briefing Office**	H24
5	**ATS Reporting Office (ARO)**	H24
6	**MET Briefing Office**	H24
7	**ATS**	H24
8	**Fuelling**	H24
9	**Handling**	H24
10	**Security**	H24
11	**De-icing**	H24 for scheduled operations, otherwise PN required
12	**Remarks**	Nil

EINN AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo handling facilities:**	AVBL from Swissport and Sky Handling Partners
2	**Fuel/oil types**	JET A1Fuel, Oil Grades: 80, 100, 120; Turbo Oils: 300, 390, 2380; Hydraulic Oils: 500B; Others PN
3	**Fuelling facilities/capacity**	PN required for operators not having standing arrangements
4	**De-icing facilities**	Contact Airport Operations

5	**Hangar space available for visiting aircraft**	Contact Airport Operations
6	**Repair facilities for visiting aircraft**	AVBL from Atlantic Aviation, LTSL, Signature, Aer Lingus, and Westair Aviation
7	**Remarks**	Nil

EINN AD 2.5 PASSENGER FACILITIES

1	**Hotel(s) at or in the vicinity of AD**	At Airport
2	**Restaurant(s) at or in the vicinity of AD**	1200 seats
3	**Transportation possibilities**	Buses, Taxis, Car Hire
4	**Medical facilities**	RFFS trained Cardiac and Emergency first responders, First Aid at Airport
		Hospitals – Limerick, Ennis
		Doctor on request, call out charge
		Cardiac ambulance available on request
5	**Bank and Post Office at or in the vicinity of AD**	*ATM's and Bureau de Change at Airport
		Post Office, Shannon Town Centre – 2M
6	**Tourist Office**	Tourist Information Provided
7	**Remarks**	Short term Car Parking - 310 spaces
		Long term Car Parking - 4900 spaces

EINN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	Category 9 available Daily 0600-2200 UTC Category 7 available Daily 2200-0600 UTC Category 9 available by arrangement 12HR PN
2	**Rescue equipment**	Equipment to meet ICAO requirements.
3	**Capability for removal of disabled aircraft**	Up to Code C aircraft (Utilising equipment available externally). Contact the Co-ordinator Phone: + 353 61 712 497/+353 87 242 3371
4	**Remarks**	**Communication with Rescue and Fire Fighting Service** Frequency 121.600MHz AVBL for direct communication between ACFT and Rescue and Fire Fighting Service. 121.600MHz should be requested initially via ATC. Call sign for the Rescue and Fire Fighting Service is "Shannon Fire". It is mandatory for both ACFT and Rescue and Fire Fighting Service to maintain contact with ATC at all times. ATC do not have access to 121.600MHz. Frequency 121.600MHz is H24 and is AVBL within 8NM radius of Shannon Airport.

EINN AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING AND SNOW PLAN

1	**Type(s) of clearing equipment**	Aerodrome is serviceable during all seasons, 2 De-icing Vehicles, 1 Sweeper
2	**Clearance priorities**	1. Duty Runway and associated taxiways, aircraft parking stands and apron areas. 2. Other Airside areas.
3	**Use of material for movement area surface treatment**	1. Urea 2. Potassium Acetate Fluids KAC

4	**Specially prepared winter runways**	Not applicable
5	**Remarks**	Annual snow plan available for SAA Operations Maintenance on request. Refer to Aerodrome Manual or contact Airport Operations: Phone:+ 353 61 712 497

EINN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA

1	**Apron surface and strength**	West Apron	Surface:	CONC	
			Strength:	PCN 75/R/C/W/U	
		East Apron	Surface:	CONC	
			Strength:	PCN 60/R/C/W/U	
		East Parking Area	Surface:	CONC	
			Strength:	PCN 60/R/C/W/U	
		Long Term Parking Area	Surface:	CONC	
			Strength:	PCN 60/R/C/W/U	
2	**Taxiway width, surface and strength**	TAXIWAY	WIDTH	SURFACE	STRENGTH
		A	23 M	ASPH	PCN75/R/C/W/U
		B	23 M	CONC/ASPH	PCN75/R/C/W/T
		C	23 M	ASPH	PCN60/F/D/W/T
		D1	23 M	ASPH	PCN75/R/C/W/U
		D2	23 M	ASPH	PCN75/R/C/W/U
		E3	23 M	CONC	PCN60/R/C/W/U
		G	23 M	CONC/ASPH	PCN55/R/C/W/T
		H1	23 M	CONC	PCN17/R/D/W/U
		H2	23 M	CONC	PCN17/R/D/W/U
3	**Altimeter checkpoint location and elevation**	Location: Terminal Apron / Elevation: 9ft AMSL			
4	**VOR checkpoint**	Nil			
5	**INS checkpoint**	EINN AD 2.24-2			
6	**Remarks**	Nil			

EINN AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands**	Taxiing guidance signs at all intersections and at all holding points Mandatory signs lighted. *AGNIS at stands 30, 32, 34 and 37. Guidelines on aprons and taxiways. Taxiway information markings. Marshalling at aircraft stands.
2	**RWY/TWY markings and LGT**	RWY 06/24 Designation THR, TDZ, centreline, edge, aiming point, Displaced Threshold RWY 24. TWY Centreline, Edge, Holding Positions, Intersection Markings APRON Stand lead-in lines and markings, Wing-tip clearance lines

3	**Stop bars**	Controllable stop-bar on TWY D2 Fixed stop-bars on TWY A, TWY B, TWY C, TWY G, disused RWY 13, disused RWY 09 Runway guard lights configuration A on TWY C and TWY D2 Intermediate holding position lights on TWY A Intermediate holding position lights on TWY D2
4	**Other RWY Protection measures**	-
5	**Remarks**	See also EINN 2.14 and EINN 2.15 for lighting

EINN AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	**OBST Type**	**OBST Position**	**ELEV/HGT**	**Markings/Type, Colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
Aerodrome Obstacle Point of Contact: safetycompliance@snnairportgroup.ie					

In Area 3					
OBST ID/ Designation	**OBST Type**	**OBST Position**	**ELEV/HGT**	**Markings/Type, Colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
Aerodrome Obstacle Point of Contact: safetycompliance@snnairportgroup.ie					

EINN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Shannon Airport
2	**Hours of service**	H24
3	**Office responsible for TAF preparation** **Periods of validity** **Interval of issuance.**	Met Eireann Central Aviation Office, Shannon. 24 HR 6 HR respectively
4	**Trend forecast** **Interval of issuance.**	TREND. 30 Minutes.
5	**Briefing/consultation provided**	Internet-based self-briefing facility. Personal briefing by telephone from Central Aviation Office, Shannon
6	**Flight documentation** **Language(s) used**	Charts and Tabular English
7	**Charts and other information available for briefing or consultation**	6-hourly Synoptic Chart; 6-hourly prognostic chart (surface); Prognostic chart of significant weather; Prognostic chart of wind/temperature at upper levels; Prognostic chart of tropopause levels.
8	**Supplementary equipment available for providing information**	Weather surveillance radar IRVR RWY 06 and 24 – touchdown, midpoint, stop-end
9	**ATS units provided with information**	EISN FIX/ACC Shannon TWR
10	**Additional information (limitation of service, etc.)**	Refer to GEN 3.5.4.2 to request additional information. METAR available every 30 Minutes.

EINN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR Geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
06	052.22º	3199 x 45	82 R/C/X/T ASPH	524135.42N 0085636.67W 524238.80N 0085421.98W 189ft	THR 46ft
24	232.25º	3199 x 45	82 R/C/X/T ASPH	524236.03N 0085427.87W 524135.42N 0085636.67W 189ft	THR 15ft

Slope of RWY-SWY	SWY dimensions	CWY dimensions (M)	Strip dimensions (M)	RWY End Safety Area dimensions (M)	Location and description of Arresting System	OFZ	Remarks
7	8	9	10	11	12	13	14
Refer to Aerodrome Obstruction Chart Type A	Nil	61 x 150	3321 x 300	240 x 150	-	Yes	Grooved ASPH on RWY 06/24. RWY 06/24 has 8m wide shoulders.
	Nil	61 x 150	3321 x 300	240 x 150	-	Yes	

EINN AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
06	3199	3260	3199	3199	Nil
24	3199	3260	3199	3059	

INTERSECTION TAKE-OFF					
RWY Designator	TWY	TORA (M)	TODA (M)	ASDA (M)	Remarks
06	A	2067	2128	2067	see EINN 2.20
24	C	2703	2764	2703	
24	D2	3046	3107	3046	

EINN AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ Length	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
06	SALS 470M LIH	Green LIH -	PAPI Both sides/3º MEHT 20.6M (545M)	Nil	3200M 15M coded 02300M White, 2300-2900M Red/White, 2900-3200M Red LIH	3200M 60M nom White (last 600M Yellow) LIH	Red LIH -	Nil	Lighting as indicated in columns 2, 3, 4, 8 are Halogen. Lighting as indicated in columns 6, 7 are light emitting diode (LED).
24	CAT II 900M LIH	Displaced Green LIH Green LIH	PAPI Both sides/3º MEHT 22.6M (463M)	900M 30M LIH	3060M 15M coded 0-2160M White, 2160-2760M Red/White, 2760-3060M Red LIH	3060M 60M nom White (last 600M Yellow) RWY edge lights on APCH side of displaced THR 24 coded Red for 140M	Red LIH -	Nil	Lighting as indicated in columns 2, 3, 4, 8 are Halogen. Lighting as indicated in columns 6, 7 are light emitting diode (LED).

EINN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	ABN on Tower Flashing White/Green, 24 flashes per Min
2	**LDI location and LGT** **Anemometer location and LGT**	Nil 2 Nr. Adjacent TWY C and south of TWR
3	**TWY edge and centre line lighting**	Edge blue all TWY's except TWY's C, G and H2 Edge blue retro-reflective markers TWY's C, G and H2 and blue lights at intersection with RWY 06/24 Coloured coded centreline lights on TWY's A, D1 and D2
4	**Secondary power supply/switch-over time**	Secondary power supply provided, switch-over time 15 SEC (1 SEC in Low Visibility Procedures) Electric battery lamps
5	**Remarks**	Apron: Floodlighting Apron edge: Blue omni- directional, elevated and inset Obstacles: Fixed Red WDI's 5Nr, (1 lighted). See Aerodrome Chart EINN AD 2.24-1

EINN AD 2.16 HELICOPTER LANDING AREA

1	**Coordinates TLOF or THR of FATO** **Geoid undulation**	Nil Nil

2	**TLOF and/or FATO elevation**	Nil
3	**TLOF and FATO area dimensions, surface, strength, marking**	Nil
4	**True BRG of FATO**	Nil
5	**Declared distance available**	Nil
6	**APP and FATO lighting**	Nil
7	**Remarks**	See EINN AD 2.20 Section 3.5

EINN AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	Shannon Control Zone Circle, Radius 15NM 524207N 0085529W (Shannon ARP) (See Remarks)
2	**Vertical limits**	5000ft AMSL
3	**Airspace classification**	C (See Remarks)
4	**ATS unit call sign Language(s)**	Shannon Tower English
5	**Transition altitude**	5000ft
6	**Remarks**	The following airspace within the Shannon Control Zone is uncontrolled • Circle, radius 1.5 NM 523958N 0084053W, SFC to 1000ft AMSL. • Area within bearings from 045º True BRG clockwise to 180ºTrue BRG from 523958N 0084053W to INT with boundary

EINN AD 2.18 ATS COMMUNICATIONS FACILITIES

Service designation	Call sign	Channel(s)	SAT VOICE No	Logon Address	Hours of Operation	Remarks
1	2	3	4	5	6	7
GND	Shannon Ground	121.800 MHz			H24	Nil
TWR	Shannon Tower	118.700 MHz			H24	Nil
		121.800 MHz				
APP	Shannon Approach	121.400 MHz			H24	Nil
		120.200 MHz				
APP (RADAR)	Shannon Approach RADAR	121.400 MHz			H24	Nil
ATIS	Shannon Information	130.955			H24	8.33 kHz Channel
D-ATIS	Shannon Information				H24	Operators equipped with AEEC623 compliant ACARS-MU can interface with the service through ARINC and SITA service provider's network.

EINN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/ MLS/GNSS/ SBAS and GBAS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna or SBAS: ellipsoid height of LTP/FTP	Service Volume Radius from the GBAS Reference Point	Remarks
1	2	3	4	5	6	7	8
DVOR/DME 3º W 2023	SHA	113.300 MHz	H24	524315.6N 0085306.8W	200ft		Designated Operational Coverage 300 NM/70,000ft 180ºTrue BRG to 360º True BRG. Designated Operational Coverage 100 NM/50,000ft.
NDB	FOY	395 kHz	H24	523358.5N 0091143.5W			Designated Operational Coverage 50 NM
ILS LOC RWY 06 CAT 1 2º W 2025	ISE	109.5 MHz	H24	524245.3N 0085408.2W			Coverage restricted to 35º either side of course line. Signals received outside coverage sector, (including back beam radiation), should be ignored.
ILS GP RWY 06		332.6MHz	H24	524147.2N 0085623.1W			GP Angle 3º RDH 55ft Full scale fly down indication may not be maintained when above GP sector. Full scale fly up indication may not be maintained when left of LOC sector and below GP.
ILS DME RWY 06	ISE	CH32X (109.5 MHz)	H24	524147.2N 0085623.1W	100ft		DME Zero ranged to THR 06. DME zero range is displaced from DME antenna by 445M.
ILS LOC RWY 24 CAT II 2º W 2025	ISW	110.95MHz	H24	524129.4N 0085649.4W			Coverage restricted to 35° either side of the course line. Signals received outside coverage sector, (including back beam radiation), should be ignored. No LOC coverage below 3000ft MSL AT 25 NM EINN
ILS GP RWY 24		330.65MHz	H24	524232.1N 0085447.7W			GP Angle 3° RDH 59ft
LO RWY 24	OL	339 kHz	H24	524456.4N 0084926.0W			Designated Operational Coverage 15NM
OM RWY 24	2 Dashes per sec	75 MHz	H24	524455.5N 0084927.0W			
MM RWY 24	Dots and Dashes	75 MHz	H24	524254.8N 0085347.9W			
ILS DME RWY 24	ISW	CH46Y (110.95 MHz)	H24	524232.1N 0085447.7W	100ft		DME Zero ranged to THR 24. DME zero range is displaced from DME antenna by 391M.

Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/ MLS/GNSS/ SBAS and GBAS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna or SBAS: ellipsoid height of LTP/FTP	Service Volume Radius from the GBAS Reference Point	Remarks
1	2	3	4	5	6	7	8
SBAS (LPV, LNAV/VNAV, LNAV RWY 06)	GPS & EGNOS	1575.42 MHz CH 69761	H24	N/A	LTP/FTP Ellipsoid Height 72.2 M	N/A	Transmitting antennas are satellite based.
SBAS (LPV, LNAV/VNAV, LNAV RWY 24)	GPS & EGNOS	1575.42 MHz CH 89920	H24	N/A	LTP/FTP Ellipsoid Height 62.8 M	N/A	Transmitting antennas are satellite based.

EINN AD 2.20 LOCAL AERODROME REGULATIONS

1. Taxiing Restrictions

Runway 06/24 180 Degree turns by Code C and D aircraft are permitted on condition that the aircraft is turned at a low constant speed (5 to 8 Kts) with minimal thrust to avoid the inboard main landing gear wheel becoming stationary (spot turns must be avoided).

180 Degree turns by Code E and F aircraft are permitted only at runway ends and must follow the marked taxi line and use the minimum speed necessary to complete the turning manoeuvre.

Location	Situation	Restriction
East Apron	All Operations	Movement between East Apron from intersection of Taxiway D1 and Hanger 20 or vice versa is restricted to aircraft under power with a wingspan less than 36m (Code C) All other aircraft are to be towed, contact airport operations in advance.
Twy C	All Operations	Restricted to daylight hours only and aircraft with wingspan less than 36m. No left turn permitted from TWY C onto TWY D2. No right turn permitted from TWY D2 (southbound) onto TWY C

2. Marshalling Services
Marshalling Service is mandatory for all arriving aircraft intending to park on either the West, Central or East Aprons.
Marshalling Service is otherwise available on request from the Airport Operations Office

Phone:+ 353 61 712 240

or

Phone:+ 353 61 712 241

Use of the Marshalling Service does not imply the necessity to avail of full handling services.

3. Availability of Intersection Take-Off's

3.1 Take-off's using less than the full length of the runway are available from TWY/RWY intersections as listed in EINN AD 2.13 DECLARED DISTANCES
The datum from which the reduced declared distances on Runway 06/24 are measured is the intersection of the extended downwind edge of the specific taxiway with the runway edge, projected perpendicular to the runway centreline.

3.2 The take-off run available (TORA) is displayed on an illuminated sign adjacent to the taxiway.

3.3 Intersection take-off's are subject at all times to pilots' discretion and aircraft operational requirements. Pilots should advise as early as possible of their ability to accept intersection take-off's.

3.4 Approval for intersection take-off's is subject to the air traffic situation.

3.5 All inbound and outbound helicopters must use the runway as the FATO/TLOF and may not carry out direct approaches to, or take-off from apron areas or taxiways. After landing and for take-off, helicopters are to ground taxi or air taxi between the runway and the allocated parking area. Caution must be exercised regarding rotor-tip clearance and downwash / outwash effect while helicopters are operating on the movement area.

EINN AD 2.21 NOISE ABATEMENT PROCEDURES

Aircraft operators shall ensure, at all times that aircraft are operated in a manner calculated to cause the least disturbance practicable in areas surrounding the airport.

EINN AD 2.22 FLIGHT PROCEDURES

1. Holding areas
Protected airspace is provided for Holding Areas in accordance with the criteria contained in PANS –OPS ICAO Doc 8168, Volume II to facilitate navigation using VOR, NDB and DME navigation aids.

2. SID and STAR

2.1 RNAV Equipped Aircraft

SIDs and STARs for RWY24 and RWY06 have been developed in accordance with ICAO Doc 8168 (PANS OPS) and comply with EUROCONTROL guidelines for the design of Terminal Procedures for Area Navigation.

The supporting navigation infrastructure includes the choice of DME/DME, GNSS, VOR/DME (for reversionary navigation purposes) and INS/IRS as permitted by the Aircraft Flight Manual (AFM) and/or approved by the appropriate regulatory authority.

Use of DME/DME may not be available below about 6000ft where terrain may obstruct line of sight with the DME infrastructure.

Operators which have obtained operational and airworthiness approval, from their regulatory authority, may operate the RNAV SID and STAR procedures in accordance with the conditions of approval including

- P-RNAV certificated aircraft;
- B-RNAV certificated aircraft only above MSA;

Climb to MSA on the initial segments of the RNAV SID may be conducted using conventional navigation.

If the RNAV equipment fails, or navigation accuracy of +1 NM can not be maintained, inform ATC as soon as possible. Radar vectoring will be provided.

2.2 RTF Phraseology

Phraseology used will be as provided in the European Regional Supplementary Procedures (ICAO Doc 7030) and outlined in EUROCONTROL Guidance material for RNAV SID and STAR.

Examples of phraseology for ATC are:

{CALLSIGN} CLEARED {STAR designator} ARRIVAL, RUNWAY {designator}.

Note: On such a clearance flight crew shall continue on route until reaching start point of the STAR.

{CALLSIGN} ADVISE IF ABLE {designator} DEPARTURE [or ARRIVAL].

If ATC are unable to issue a requested SID or STAR:

{CALLSIGN} UNABLE TO ISSUE (designator) DEPARTURE [or ARRIVAL] DUE [Reason]

Examples of pilot phraseology in the event of being unable to accept *SID* or *STAR*

UNABLE (designator) DEPARTURE [or ARRIVAL] DUE TO RNAV TYPE.

UNABLE RNAV DUE EQUIPMENT

3. Visual Manoeuvring Approaches
Visual manoeuvring (circling) approaches are permissible, on request, to all runways.

4. Speed Control – General Provisions
Speed Restrictions

General	Routeing to Holds	Initial Segment	Final Approach	REMARKS
Below FL100, Max IAS 250KT	At DERAG and ELPOM, Max IAS 220KT	Max IAS 210KT	Recommended IAS 160 KT from FAF to OM	1. ATC may request specific speeds for accurate spacing. Comply with speed adjustments as promptly as feasible within operational constraints. 2. If unable to comply with the above, advise ATC as soon as possible

5. Arrival Procedures

5.1 Clearance to enter the CTA and CTR

Arriving Aircraft capable of flying STAR will normally be cleared on a STAR appropriate to the route by ATC. On occasions ATC may radar vector aircraft for arrival (Due traffic or technical reasons).

Standard Arrivals Routes used in the Shannon CTA are based on Holding Patterns at DERAG and ELPOM.

5.2 Initial Approach Procedures.

5.2.1 With Radar Control

In order to expedite the flow of traffic, aircraft may be cleared on STAR, or may receive radar vectors on to final approach track from the hold or earlier on the Standard Arrival Route.

Pilots should plan their flight profile in such a manner as to be able to achieve the Minimum Holding Level at the appropriate hold.

Actual descent clearance will be as directed by ATC.

5.2.2 Shannon (EINN) Arrivals - Caution - Shannon Approach Airspace is a Level Bust Hotspot Area. Ensure altimeter set to Hectopascals (HPA) when instructed by Shannon Approach.

5.2.2.1 Surveillance Minimum Altitude Chart (EINN AD 2.24-16.1)
ALTITUDE TEMPERATURE CORRECTION TO 0°C is taken into account in determining minimums. For temperatures below 0°C altitude correction will be managed by ATC.

5.2.3 Without Radar Control.
When RADAR is not serviceable, aircraft will be cleared to join the instrument approach procedure appropriate to the landing direction from the appropriate hold.

5.2.4 Communications failure procedures for arriving aircraft.

Aircraft experiencing communications failure in the Shannon CTR/CTA shall set transponder code A7600 and comply with standard ICAO procedures.

Supplemented by the following:

Traffic cleared on STAR

Aircraft cleared on a STAR and experiencing a Communications failure shall follow the route of the STAR at the last cleared level or altitude. On reaching the appropriate hold fix, descend to 3000ft and complete the instrument approach procedure appropriate to the Runway in use.

Traffic Radar vectored to final approach

Aircraft being radar vectored to final approach should join, in the most expeditious manner, and complete the Instrument Approach procedure appropriate to the Runway in use.

If unable to comply with above, or uncertain of position, climb to 3000ft QNH, proceed in the most expeditious manner to the hold appropriate to the Runway in use and complete the Instrument Approach Procedure appropriate to the Runway in Use

6. Departure Procedures

6.1 RWY's 06 and 24

Aircraft capable of complying with Standard Instrument Departures will proceed in accordance with the SID.

If an aircraft is unable to comply with Standard Instrument Departure the phraseology "Unable to comply with {departure} due {reasons}"

Pilots who cannot comply with Standard Instrument Departures shall advise ATC in good time using the phraseology "Unable to comply with {departure} due {reasons}, so that alternative clearances can be issued.

6.2 OMNI-Directional Departures:

Aircraft subject to an OMNI Directional Departures instruction from RWY 06 and RWY 24 climb straight ahead to 5000ft, then depart on track as cleared by ATC, maintain a minimum climb gradient of 6.6% for ATM (400ft/NM) (minimum 3.7% for obstacle clearance). CAUTION: Close-in obstacles (Terrain and Trees) exist.

6.3 Communications failure procedures for departing aircraft.

Aircraft experiencing communications failure in Shannon CTA/CTR shall set transponder code A7600 and comply with the following procedures:

***RFL** below **FL**080: Departing traffic cleared by ATC to a level/altitude below the *RFL, shall comply with Communication failure procedures as outlined in ICAO Annex 2.

***RFL FL**080 or above: Departing traffic cleared by ATC to a level or altitude below FL080 shall maintain the cleared level for a period of three minutes following the time the altitude/level is reached and thereafter adjust level and speed in accordance with filed flight plan.

Departing Traffic experiencing a communications failure above FL080 shall comply with communications failure procedures as outlined in ICAO Annex 2

7. Low Visibility Procedures

7.1 Low Visibility Procedures apply when the cloud ceiling is below 200ft (60M) and/or the IRVR is less than 550M.

7.2 Only RWY 24 may be used for CAT II operations. The CAT II holding position on TWY D2 must be used.

7.3 When these procedures are in operation and RWY 24 is in use the following standard taxi route system applies:

- Departing aircraft shall normally use TWY's D1 and D2.
- Arriving aircraft shall normally use TWY A.

7.4 During LVP Operations, LVTOs are permitted from Runway 24. It is at the discretion of the PIC to depart based on their airline operating procedures in LVP conditions. Take-offs are not available in IRVR conditions below 125M. All IRVR readings must show 125M or greater. ATC shall inform departing pilots if and when any IRVR value falls below 125M.

7.5 TWY/Stop-bar/Centreline lighting/Lead on/Lead off will be in use. At **no time** shall an aircraft or vehicle cross an illuminated stop bar and any instruction to do so should be challenged. In exceptional circumstances when the stop

bar cannot be extinguished the authorisation to cross the illuminated stop bar may be given by ATS. This shall always be challenged and confirmation received that this instruction is part of a contingency arrangement due to a failure of the stop bar. All aircraft and vehicles operators shall request for the instruction to cross an illuminated stop bar to be reconfirmed by ATS and read back before proceeding.

7.6 Pilots will be informed by ATIS broadcast or RTF when Low Visibility Procedures are in operation

7.7 Full details of Low Visibility Procedures are available on request from Aerodrome Administration (see EINN AD 2.3.1)

7.8 Visual Approach Chart (VAC)

Chart EINN AD 2.24-15 (VAC) provides data for VFR pilots.

Visual Reporting Point (VRP) Holds:

- Bunratty Castle Hold: 524156.74N 0084855.35W (WGS-84). Left-hand pattern, based on Bunratty village. Outbound leg is 1 minute, flown at 120KT TAS. Inbound track 236°M. Minimum holding altitude is 1500ft QNH.
- Coney Island Hold: 524244.87N 0090006.36W (WGS-84). Left-hand pattern, based on Coney Island, Shannon Estuary. Outbound leg is 1 minute, flown at 120KT TAS. Inbound track 056°M. Minimum holding altitude is 1500ft QNH.

Other VRP's: (All co-ordinates WGS-84)

- VRP Gortglass Lough 524104.36N 0090857.89W
- VRP Killadysert Church 524011.59N 0090616.55W
- VRP Dromore Castle 523802.53N 0085014.42W
- VRP Dromoland Castle 524704.32N 0085407.07W

EINN AD 2.23 ADDITIONAL INFORMATION

Refer to ENR 5.6 for bird hazard information.

EINN AD 2.24 CHARTS RELATED TO AN AERODROME

Name	Page
Aerodrome Chart – ICAO	EINN AD 2.24-1
Aircraft Parking/Docking Chart – ICAO	EINN AD 2.24-2
Precision Approach Terrain Chart RWY 24 – ICAO	EINN AD 2.24-3
Aerodrome Obstacle Chart RWY 06/24 – ICAO TYPE A	EINN AD 2.24-4
RNAV Standard Instrument Departure Chart RWY 06 – ICAO	EINN AD 2.24-5
RNAV Standard Instrument Departure Chart RWY 24 – ICAO	EINN AD 2.24-6
RNAV Standard Arrival Chart RWY 06 – ICAO	EINN AD 2.24-7
RNAV Standard Arrival Chart RWY 24 – ICAO	EINN AD 2.24-8
Instrument Approach Chart ILS or LOC RWY 06 – ICAO	EINN AD 2.24-10
Instrument Approach Chart VOR RWY 06 – ICAO	EINN AD 2.24-11
Instrument Approach Chart ILS CAT I & II or LOC 24 – ICAO	EINN AD 2.24-13
Instrument Approach Chart VOR RWY 24 – ICAO	EINN AD 2.24-14
Visual Approach Chart – ICAO	EINN AD 2.24-15
ATC Surveillance Minimum Chart - ICAO	EINN AD 2.24-16.1

EINN AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

EIKN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EIKN – IRELAND WEST

EIKN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP and its site**	535437N 0084907W Mid-point RWY 08/26
2	**Direction and distance from (city)**	3 NM SW of Charlestown
3	**AD Elevation, Reference Temperature & Mean Low Temperature**	665ft/18.3°C (Max Temp) 0.2°C (MNM Temp)
4	**Geoid undulation at AD ELEV PSN**	191ft
5	**MAG VAR/Annual Change**	2º W (2025) 12' decreasing
6	**AD Operator, address, telephone, telefax, email, AFS, Website**	Post: Ireland West Airport Knock Connaught Airport, Development Co. Ltd, Charlestown Co. Mayo. Phone:+ 353 94 936 81 00 Phone:+ 353 94 936 81 32 Email: operations@irelandwestairport.com
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

EIKN AD 2.3 OPERATIONAL HOURS

1	**AD Operator**	MON - SUN 0800-1600 UTC Please refer to Current NOTAM for up to date Opening Hours
2	**Customs and immigration**	CUSTOMS: 24HR PN required to AD Operator for non EU Flights (Including countries outside the fiscal area of the EU) 12HR PN required to AD Operator for countries within the EU IMMIGRATION: As per AD Operator.
3	**Health and sanitation**	As per AD Operator.
4	**AIS Briefing Office**	See Remarks.
5	**ATS Reporting Office (ARO)**	As per AD Operator.
6	**MET Briefing Office**	Refer to EIKN AD 2.11
7	**ATS**	As per AD Operator.
8	**Fuelling**	As per AD Operator.
9	**Handling**	As per AD Operator.
10	**Security**	H24
11	**De-icing**	As per AD Operator.

12	**Remarks**	Please refer to current NOTAM for changes to AD Operator HR Customs and Immigration AVBL 24HR PN required to AD Operator ATS AVBL outside published HR, 24HR PN to AD Operator. PIB AVBL from AIS, Shannon. Refer to GEN 3.1.5 PPR required in advance for all flights (24HR if possible) Contact AD Operator

EIKN AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo handling facilities**	Contact Operations.
2	**Fuel/oil types**	JET A1
3	**Fuelling facilities/capacity**	Storage Tanks at 50,000L.
4	**De-icing facilities**	De-icing and Anti-icing available. Mobile Unit De-icing fluid 50/50 Hot and Anti-icing 100% cold.
5	**Hangar space available for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Handling services AVBL - Contact Email: operations@irelandwestairport.com Phone:+ 353 94 936 81 00 Phone:+ 353 94 936 81 32 PPR required in advance for all flights (24HR if possible) Contact AD Operator Fuel Services provided by Shell

EIKN AD 2.5 PASSENGER FACILITIES

1	**Hotel(s) at or in the vicinity of AD**	Charlestown (3 miles), Kiltimagh (8 miles), Knock (12 miles), Claremorris (20 miles)
2	**Restaurant(s) at or in the vicinity of AD**	At AD and in local towns
3	**Transportation possibilities**	Buses, Taxis and Car Hire from the AD.
4	**Medical facilities**	RFFS Trained emergency first responders, First Aid at airport. Hospitals-Castlebar, Galway
5	**Bank and Post Office at or in the vicinity of AD**	ATM
6	**Tourist Office**	Self service facility AVBL
7	**Remarks**	Total number of car park spaces including car hire 1,500.

EIKN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	Category 7 for scheduled flights; Up to Category 9 AVBL 48 HR PN
2	**Rescue equipment**	Rescue and Emergency Equipment to meet Category 9 requirements
3	**Capability for removal of disabled aircraft**	Airlines to make own arrangements through IATA pool or other. Assistance (unskilled) available through local contractors. Co-ordinator--John McCarthy (Head of Airport Operations and Commercial Services) Phone: 00353 86 8367806 No on-site lifting capability provided and all resources are external.

4	**Remarks**	Nil

EIKN AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING AND SNOW PLAN

1	**Type(s) of clearing equipment**	3 runway snow ploughs, 2 runway sweepers, 2 Snowblowers, 1 Runway de-icer;
2	**Clearance priorities**	RWY 08/26 TWY A and Apron A, then TWY B and Apron B.
3	**Use of material for movement area surface treatment**	KAC, for potassium acetate fluids
4	**Specially prepared winter runways**	Not applicable
5	**Remarks**	IWA RFFS are responsible for the assessment and reporting of Runway Surface Condition. Following assessment the information is passed to ATS who are responsible for the dissemination of the relevant information to AIS (via SNOWTAM) and Operators as appropriate.

EIKN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION/POSITIONS DATA

1	**Apron designation, surface and strength**	ALPHA:			
		Surface:	CONC with an ASPH SFC		
		Strength:	PCR 480 R/A/W/T		
2	**Taxiway designation, width, surface and strength**	TAXIWAY	WIDTH	SURFACE	STRENGTH
		A	23 M	ASPH	PCR 470 F/A/W/T
		B	23 M	ASPH	PCR 470 F/A/W/T
3	**Altimeter checkpoint location and elevation**	APRON 660ft AMSL.			
4	**VOR checkpoints**	Nil			
5	**INS checkpoints**	Nil			
6	**Remarks**	Taxiway Strip Width (ALPHA and BRAVO) - 37m			

EIKN AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands**	Taxiing sign-age lighted at intersection of TWY and RWY at the Holding Point.
2	**RWY/TWY markings and LGT**	RWY: Marked: Designator, THR, TDZ, C/L, Edge Lighted: RWY Edge, RWY C/L, RWY end, PAPI, TDZ 26 only TWY: Marked: Centreline, Edge, Holding position. Lighted: Centreline, Edge Taxiway identifier signs located East and West of TWY A and East and West of TWY B on North side of RWY - Lighted
3	**Stop bars and RWY Guard Lights**	Switch-able stop bars at TWY A and B Runway Holding Positions. Runway guard lights at TWY A & B
4	**Other RWY Protection measures**	Nil
5	**Remarks**	Nil

EIKN AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	**OBST Type**	**OBST Position**	**ELEV/HGT**	**Marking/Type, Colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
Contact michaelconnolly@irelandwestairport.com for information					

In Area 3					
OBST ID/ Designation	**OBST Type**	**OBST Position**	**ELEV/HGT**	**Marking/Type, Colour**	**Remarks**
a	**b**	**c**	d	**e**	**f**
Contact michaelconnolly@irelandwestairport.com for information					

EIKN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Ireland West Airport Knock
2	**Hours of service** **MET Office outside hours**	Available as required pending minimum 2 hour advance notice
3	**Office responsible for TAF preparation** **Periods of validity** **Interval of issuance**	Met Eireann Central Aviation Office, Shannon. 24 HR 6 HR
4	**Trend forecast** **Interval of issuance**	TREND 30 Minutes during airport opening hours.
5	**Briefing/consultation provided**	Internet based self-briefing. Personal briefing AVBL by telephone from Met Eireann Central Aviation Office, Shannon. Refer to GEN 3.5.9
6	**Flight documentation** **Language(s) used**	Charts and Tabular English
7	**Charts and other information available for briefing or consultation**	6-hourly synoptic chart; 6-hourly prognostic chart (surface); prognostic chart of significant weather; prognostic chart of wind/temperature at upper levels; prognostic chart of tropopause levels.
8	**Supplementary equipment available for providing information**	Ceilometer, Anemometer, Automatic Weather Station, IRVR
9	**ATS units provided with information**	EIKN TWR
10	**Additional information (limitation of service, etc.)**	Additional information from Central Aviation Office, Shannon refer GEN 3.5 METAR issued every 30 Minutes during airport opening hours.

EIKN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCR) and surface of RWY and SWY	THR coordinates RWY end coordinates THR Geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
08	078.71°	2511 x 45	470 F/A/W/T ASPH	535430.76N 0085000.13W 535444.33N 0084804.80W 191ft	180.5M/592ft
26	258.74°	2511 x 45	470 F/A/W/T ASPH	535444.33N 0084804.78W 535429.79N 0085008.34W 191ft	203M/665ft

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RWY End Safety Area dimensions (M)	Location and description of Arresting System	OFZ	Remarks
7	8	9	10	11	12	13	14
Refer to Aerodrome Obstacle Chart Type A EIKN AD 2.24-2	Nil	146 x 150	2631 x 280	90 x 90	Nil	Nil	RWY Displaced Threshold 243M. Pavement Surface Grooved
	Nil	150 x 150	2631 x 280	90 x 90	Nil	YES	RWY Displaced Threshold 121M. Pavement Surface Grooved

EIKN AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
08	2390	2536	2390	2147	THR RWY 08 DISPLACED 243M
26	2420	2570	2420	2300	THR RWY 26 DISPLACED 121M

INTERSECTION TAKE-OFF					
RWY Designator	TWY	TORA (M)	TODA (M)	ASDA (M)	Remarks
08	B	1596	1742	1596	Nil
26	A	1826	1976	1826	Nil

EIKN AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT Length	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
08	LIH 354M, 1 crossbar	Disp. THR. LIH Elev. Green Wing Bars & RTILS white	PAPI, Slope 3º MEHT 50.0ft	Nil	2141M 14.8M spacing Coded 0-1258 white 1258 –1865 red/white 1865-2141 red LIH	2150M 59M White, last 600M amber, LIH	End LIH inset Red	Nil	Lighting as indicated in columns 2,3,6,7,8 are light emitting diode (LED)
26	Cat II LIH 583.5M, 4 crossbars, 12 strobe lights (LIH flashing white). Strobes AVBL on request in Cat II Ops.	THR. LIH inset Green + elevated green wing bars & RTILS white	PAPI, Slope 3º MEHT 50.0ft both sides	884M, 29.5, LIH	2300M 14.8M spacing Coded 0-1406 white 1406–2013 red/ white 2013-2300 red LIH	2300M 59M White, last 600M amber, LIH	End LIH inset Red	Nil	Lighting as indicated in columns 2,3,6,7,8 are light emitting diode (LED)

EIKN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	At Tower, FLG G/W. 12 RPM-24 Flashes/Min, Refer to EIKN AD 2.3 AD Operator.
2	**LDI location and LGT** **Anemometer location and LGT**	WDI North Abeam PAPI 26 and west Abeam holding point TWY B lighted. Anemometer R26 south abeam TWY A. Anemometer R08 south side abeam R08 PAPIs
3	**TWY edge and centre line lighting**	TWY Edge Blue Elevated. spacing 46m LIM. Centreline green entry and green/amber exit, spacing 15m. Both TWY A and B.
4	**Secondary power supply/switch-over time**	Secondary Power Supply to all Lighting at AD By mains electricity with 1 second switch over for Cat II operations. For general operations mains act as primary source with UPS and generators act as secondary with switch over of 12/15 seconds
5	**Remarks**	Red Obstacle lights Apron Floodlighting

EIKN AD 2.16 HELICOPTER LANDING AREA

1	**Coordinates TLOF or THR of FATO** **Geoid undulation**	Nil
2	**TLOF and/or FATO elevation M/FT**	Nil

3	**TLOF and FATO area dimensions, surface, strength, marking**	Nil
4	**True BRG of FATO**	Nil
5	**Declared distance available**	Nil
6	**APP and FATO lighting**	Nil
7	**Remarks**	See AD 2.20 Section 4

EIKN AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	Connaught Control Zone. Circle radius 10NM 535437.4N 0084906.7W (Connaught ARP).
2	**Vertical limits**	5000ft AMSL.
3	**Airspace classification**	C
4	**ATS unit call sign** **Language(s)**	Connaught Tower. English.
5	**Transition altitude**	5000ft
6	**Hours of applicability**	As per AD Operator. See EIKN AD 2.3
7	**Remarks**	Airspace Classification outside hours of operation of ATS is uncontrolled Class G.

EIKN AD 2.18 ATS COMMUNICATIONS FACILITIES

Service designation	Call sign	Channel	SAT VOICE No.	Logon Address	Hours of Operation	Remarks
1	2	3	4	5	6	7
TWR	Connaught Tower	130.705	Nil	Nil	Refer to EIKN AD 2.3 AD Operator	Nil
GND	Connaught Ground	130.705	Nil	Nil		Nil
		121.905	Nil	Nil		AVBL as standby/reserve
ATIS	Nil	118.530	Nil	Nil		Nil

EIKN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/ MLS/GNSS/ SBAS and GBAS, give declination)	ID	Frequency Channel	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Service Volume Radius from the GBAS Reference Point	Remarks
1	2	3	4	5	6	7	8
DVOR/DME 3° W (2024)	CON	117.4 MHz CH121X	H24	535428.9N 0084912.4W	649ft		100/500, 300/700 (180° T-360° T)
NDB	OK	398 kHz	H24	535526.3N 0084159.3W			Designated Operational Coverage 10
NDB	KNK	364 kHz	H24	535347.4N 0085613.2W			Designated Operational Coverage 20

Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/ MLS/GNSS/ SBAS and GBAS, give declination)	ID	Frequency Channel	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Service Volume Radius from the GBAS Reference Point	Remarks
1	2	3	4	5	6	7	8
LOC 26 3º W (2024)	ICK	110.7 MHz	H24	535428.5N 0085019.0W			Nil
GP 26		330.2 MHz	H24	535438.7N 0084823.8W	650ft		GP Angle 3º RDH 49ft.
OM		75 MHz	H24	535526.3N 0084159.3W			Nil
MM		75 MHz	H24	535450.5N 0084706.4W			Nil
ILS DME	ICK	CH.44X	H24	535434.2N 0084901.4W	653ft		Nil

EIKN AD 2.20 LOCAL AERODROME REGULATIONS

1. Taxiing Restrictions

180 degree turns for Medium or Heavy category aircraft on RWY 08/26 only permitted at runway turn pads unless otherwise instructed by ATC.

Aircraft using the turn pads should follow the marked guidance lines and use the minimum speed necessary to complete the turning manoeuvre.

2. Availability of Intersection Take-Off's

2.1 Take off's using less than the full length of the runway are available from TWY/RWY intersections outlined in EIKN AD 2.13 DECLARED DISTANCES. The datum from which the reduced declared distances on RWY 08/26 are measured is the intersection of the extended downwind edge of the specific taxiway with the runway edge, projected perpendicular to the runway centreline.

2.2 The take-off run available (TORA) is displayed on an illuminated sign adjacent to the taxiway (left side).

2.3 Intersection take-off's are subject at all times to pilots discretion and aircraft operational requirements. Pilots should advise as early as possible of their ability to accept intersection take-off's.

2.4 Approval for intersection take-off is subject to air traffic situation.

3. Runway Operations and Lighting Configurations

3.1 The end of the TORA and LDA for Runway 26 is marked by a row of inset RED lights. These lights will be illuminated for aircraft landing or taking off on Runway 26.

3.2 The end of the TORA and LDA for Runway 08 is marked by a row of inset RED lights. These lights will be illuminated for aircraft landing or taking off on Runway 08.

3.3 The start of the Runway pavement available for aircraft departing Runway 26 is marked by a row of elevated RED Runway end lights. These lights mark the physical end of the runway pavement and the limits of the Runway end turning areas. These lights will be illuminated for aircraft taking off on Runway 26. These lights will be illuminated following a landing on Runway 08 when the aircraft is on its landing roll once ATC extinguish the set of RED inset lights marking the LDA for Runway 08.

3.4 The start of the Runway pavement available for aircraft departing Runway 08 is marked by a row of elevated RED Runway end lights. These lights mark the physical end of the runway pavement and the limits of the Runway end

turning areas. These lights will be illuminated for aircraft taking off on Runway 08. These lights will be illuminated following a landing on Runway 26 when the aircraft is on its landing roll once ATC extinguish the set of RED inset lights marking the LDA for Runway 26.

3.5 Following an aircraft landing on Runway 26 or Runway 08 the inset RED lights will be extinguished by ATC and the elevated RED runway end lights will be illuminated for the purpose of turning in the Runway turn pad.

4. **Helicopter Operations**

4.1 All inbound and outbound helicopters must use the runway as the FATO/TLOF and may not carry out direct approaches to, or take-off from apron areas or taxiways. After landing and for take-off, helicopters are to ground taxi or air taxi between the runway and the allocated parking area. Caution must be exercised regarding rotor-tip clearance and downwash / outwash effect while helicopters are operating on the movement area.

EIKN AD 2.21 NOISE ABATEMENT PROCEDURES

Operations Unrestricted

EIKN AD 2.22 FLIGHT PROCEDURES

1. Holding areas Protected airspace is provided for Holding Areas in accordance with the criteria contained in PANS - OPS ICAO Doc 8168, Volume II to facilitate navigation using VOR, NDB and DME navigation aids.

2. SID and STAR

2.1. RNAV Equipped Aircraft SID and STAR for RWY26 and RWY08 have been developed in accordance with ICAO Doc 8168 (PANS OPS) and comply with EUROCONTROL guidelines for the design of Terminal Procedures for Area Navigation. The supporting navigation infrastructure includes the choice of DME/DME, GNSS, VOR/DME (for reversionary navigation purposes) and INS/IRS as permitted by the Aircraft Flight Manual (AFM) and/or approved by the appropriate regulatory authority.

SID and STAR for RWY08 and RWY26 have been developed in accordance with ICAO Doc 8168 (PANS OPS) and comply with EUROCONTROL guidelines for the design of Terminal Procedures for Area Navigation. The supporting navigation infrastructure is GNSS and INS/IRS as permitted by the Aircraft Flight Manual (AFM) and/ or approved by the appropriate regulatory authority. Use of DME/DME is acceptable at higher levels, where navigation accuracy of +/- 1NM can be maintained, however due to the lack of DME facilities DME/DME cannot be relied upon to provide a navigation solution at lower levels. Operators which have obtained operational and airworthiness approval, from their regulatory authority, may operate the RNAV SID and STAR procedures in accordance with the conditions of approval including:

- P-RNAV certified aircraft;
- B-RNAV certified aircraft only above MSA;

Climb to MSA on the initial segments of the RNAV SID may be conducted using conventional navigation.
If the RNAV equipment fails, or navigation accuracy of +/-1 NM can not be maintained, inform ATC as soon as possible.

2.2. RTF Phraseology

Phraseology used will be as provided in the European Regional Supplementary Procedures (ICAO Doc 7030) and outlined in EUROCONTROL Guidance material for RNAV SID and STAR.

Examples of phraseology for ATC are:
{CALLSIGN} CLEARED {STAR designator} ARRIVAL, RUNWAY {designator}.

Note: On such a clearance flight crew shall continue on route until reaching start point of the STAR.
{CALLSIGN} ADVISE IF ABLE {designator} DEPARTURE [or ARRIVAL].

If ATC are unable to issue a requested SID or STAR:
{CALLSIGN} UNABLE TO ISSUE (designator) DEPARTURE [or ARRIVAL] DUE [Reason]

Examples of pilot phraseology in the event of being unable to accept SID or STAR
UNABLE (designator) DEPARTURE [or ARRIVAL] DUE TO RNAV TYPE.
UNABLE RNAV DUE EQUIPMENT

2.3. Non RNAV Equipped aircraft

Non RNAV equipped aircraft will be assigned a departure clearance based on existing procedures and as per LOA with Shannon ATS

3. Visual Manoeuvring Approaches

Visual manoeuvring (circling) approaches are permissible, on request, to all runways.

4. Speed Control – General Provisions Speed Restrictions

General	Initial Segment	Final Approach	Remarks
Below FL100 Max IAS 250kts	Max IAS 210kts	Recommended IAS 160kts from FAF to OM	1. ATC may request specific speeds for accurate spacing. Comply with speed adjustments as promptly as feasible within operational constraints. 2. If unable to comply with the above, advise ATC as soon as possible

5. Arrival Procedures

5.1. Clearance to enter the CTR

Shannon ATS will clear arriving traffic to descend to the lowest usable flight level within controlled airspace (FL080/ Shannon Transition Level if higher). Clearance to enter the CTR will be provided by ATC EIKN on 130.705. Arriving aircraft to call no later than 25 DME CON from EIKN.

Arriving Aircraft capable of flying STAR will normally be cleared on a STAR appropriate to the route by ATC.

5.2. Initial Approach Procedures

5.2.1. Aircraft will be cleared to join the instrument approach procedure appropriate to the landing direction from the appropriate hold.

5.2.2. Descent into the FIR (Class G Uncontrolled airspace)

Where possible IFR traffic into EIKN should not request descent into the FIR as the Shannon CTA has been designed to facilitate continuous descent and climb operations in controlled airspace.

However in the event that descent is requested by IFR aircraft below FL080 before the lateral limits of the EIKN CTR or associated stubs, such descent, if requested, may be given at pilot's discretion with a clearance to re-enter controlled airspace at or descending to a specified level/altitude agreed with ATC. Flight information in the FIR is available from Shannon ATS on 127.500MHz

- Arrival routes may be varied at the discretion of ATC
- Arrival Routes are based on holding patterns for the runway in use as outlined on the appropriate chart.
- ATC EIKN will issue expected approach times as appropriate and aircraft will arrange flight in such a manner as to ensure prompt departure from the holding pattern when number one.
- Aircraft will arrange flight in the holding pattern so as to be ready to leave the appropriate hold inbound to the fix and to vacate holding altitude at the last acknowledged expected approach time.

5.2.3. Successive arriving IFR aircraft

A minimum of 10NM spacing is required for successive landing IFR aircraft to facilitate the No.1 landing aircraft to vacate via taxiway A onto the apron. This may be increased or reduced at the discretion of the duty controller at EIKN.

Aircraft after landing on Runway 26 may be required to roll to the runway turn pad before commencing backtrack and to vacate onto Taxiway A. Where temperatures are above 25°C aircraft will not be permitted to carry out 180 degree turns on the runway and will have to roll to the runway turn pad before commencing their turn and backtrack.

6. Communications failure procedures for arriving aircraft.

6.1. Aircraft experiencing communications failure in the Connaught CTR shall set transponder code A7600 and comply with standard ICAO procedures. Supplemented by the following:

6.2. Traffic cleared on STAR

Aircraft cleared on a STAR and experiencing a Communications failure shall follow the route of the STAR at the last cleared level or altitude.

If unable to comply with above, or uncertain of position, climb to 3000ft QNH, proceed in the most expeditious manner to the hold appropriate to the Runway in use and complete the Instrument Approach Procedure appropriate to the Runway in Use

7. Departure Procedures

7.1. All Aircraft must request start and taxi clearance from ATC on frequency 130.705(or 121.905 if no response from 130.705).

7.2. Aircraft are not permitted to enter the runway even if the airport is closed unless previously arranged with ATC.

7.3. RWY's 08 and 26

Aircraft capable of complying with Standard Instrument Departures will proceed in accordance with the SID. If an aircraft is unable to comply with Standard Instrument Departure the phraseology "Unable to comply with {departure} due {reasons}" Pilots who cannot comply with Standard Instrument Departures shall advise ATC in good time using the phraseology "Unable to comply with {departure} due {reasons}, so that alternative clearances can be issued.

7.4. Communications failure procedures for departing aircraft.

Aircraft experiencing communications failure in Connaught CTR shall set transponder code A7600 and comply with the following procedures:

RFL below FL080:
Departing traffic cleared by ATC to a level/altitude below the RFL, shall comply with Communication failure procedures as outlined in ICAO Annex 2.

RFL FL080 or above:
Departing traffic cleared by ATC to a level or altitude below FL080 shall maintain the cleared level for a period of three minutes following the time the altitude/level is reached and thereafter adjust level and speed in accordance with filed flight plan. Departing Traffic experiencing a communications failure above FL080 shall comply with communications failure procedures as outlined in ICAO Annex 2

8. Reduced Aerodrome Visibility Procedures and Low Visibility Procedures

Reduced Aerodrome Visibility Procedures and Low Visibility Procedures are approved for operations on Runway 26 and for Runway 08. Only R26 is available for CAT II approaches.

8.1. Reduced Aerodrome Visibility Procedures (RAVP)

Reduced Aerodrome Visibility Procedures come into effect when

A. The IRVR and/or Met Visibility falls below 1500m and/or

B. When the Duty Air Traffic Control Officer (DATCO) loses visual contact with any part of the manoeuvring area but LVP's are not in force and/or

C. When the conditions for Low Visibility Procedures (LVP) no longer exist but may become applicable in the short term.

The Maximum allowable movement rate on the manoeuvring area when RAVPs are in force is 3 (2 aircraft and 1 vehicle or 2 vehicles and 1 aircraft) Minimum spacing between aircraft on approach when RAVPs are in force will be 20nm

8.2. Low Visibility Procedures

8.2.1. Low Visibility Procedures will be initiated if Met Visibility and/or any of the IRVR readings are at or less than 1000m and is forecast to deteriorate significantly and/or the cloud ceiling is 300ft or less (BKN, OVC).

8.2.2. Low Visibility Procedures shall be enforced when Met Visibility and / or any of the IRVR readings are at or less than 700m, and / or the cloud ceiling is at or less than 200ft (BKN, OVC).

8.2.3. Low Visibility Procedures will be terminated after all IRVR readings have been above 1000m and the cloud ceiling has been above 300 ft for at least 30 minutes and the forecast is for a continuing improvement. RAVPs will be take effect if visibility remains below 1500m (see section 1).

8.2.4. The Maximum allowable movement rate on the Manoeuvring area when LVPs are in force is 1 (aircraft or vehicle).

8.2.5. The runway holding positions at TWY A and TWY B are Cat II holding positions.

8.2.6. Aircraft should advise when clear of the runway after landing and when airborne

8.2.7. Minimum spacing between aircraft on approach will be 20NM

8.2.8. Pilots will be informed by RTF when low visibility procedures have been enforced.

8.2.9. Full details of low visibility operations are available from airport administration on request.

9. Communication Failure

In the event of communication failure, the pilot shall act in accordance with the communication failure procedures in ICAO Annex 2.
Radio communication failure missed approach for RWY08 and RWY26 are prescribed on the approach charts

10. VFR communication failure for inbound aircraft

If an aircraft has received and acknowledged an ATC clearance to enter the Connaught Control Zone and subsequently experiences a radio-communications failure, the aircraft should proceed to the position specified in the clearance, e.g. from the South route via Ballyhaunis to the Kilkelly hold, or from the North route via Tobercurry to the Charlestown hold, and hold at an altitude of 1200 feet QNH at "Kilkelly" or 1200 feet QNH at "Charlestown". Both holding patterns are left hand patterns. A careful look-out should be maintained for other traffic and on receipt of a steady green light signal from the Tower, or on observing the Aerodrome rotating beacon switched on, join the circuit for the runway in use and land on the lighted runway. The runway approach lights will indicate the landing direction.
Note: All flights planning to enter or leave the Connaught Control zone are required to file a flight plan.
Communications failure in the Circuit:
If clearance to land has been received and acknowledged, or if cleared to follow identified No.1 traffic, follow the clearance. If no landing clearance has been received, proceed at an altitude of 1200 feet QNH to Kilkelly (Rwy 26 in use) or 1200 feet QNH to Charlestown (Rwy 08 in use) and hold. The choice of holding point will depend upon Runway in use and the point at which radio-communications failure occurs. The holding point chosen should ensure

that the aircraft does not pass through the final approach or take-off path of the main runway in use i.e. the runway being used by large aircraft. On receipt of a steady green light signal from the Tower, or on observing the Aerodrome rotating beacon switched on, join the circuit in the manner detailed below and land on the lighted Runway. The runway approach lights will indicate the landing direction.

i. From Kilkelly (holding pattern)
RWY 26 left hand pattern

ii. From Charlestown (holding pattern)
RWY 08 left hand pattern

Visual Holding Patterns: Visual holding patterns for category A aircraft are established as follows:

CharlestownTown Hold (535750.48N 0084741.08W):Left-hand pattern, based on Charlestown Town cross roads. Outbound Leg is 1 minute, flown at 120KT TAS. Inbound track 085º M. Minimum holding altitude is 1200ft QNH.

Kilkelly Village Hold (535213.88N 0085058.93W):Left-hand pattern, based on Kilkelly Village cross roads. Outbound leg is 1 minute, flown at 120KT TAS. Inbound track 265º M. Minimum holding altitude is 1200ft QNH.

Other Visual Reporting Points (VRPs) (WGS-84)
VRP Tubbercurry Town 540314.14N 0084344.90W
VRP Ballymote Town 540522.03N 0083104.90W
VRP Ballyhaunis Town 534548.71N 0084554.93W

After landing, clearance to taxi will be given by means of light signals from the tower.

Pilots are reminded that only a portion of their RTF equipment maybe faulty; if the aircraft receiver is functioning, the pilot should listen out for instructions from ATC on normal VHF communications channels. In any event, pilots should “Transmit Blind” and inform ATC of their intentions. If equipped with a functioning transponder, it should be set in Mode A code 7600.

11. Unmanned Aircraft Systems (UAS)

11.1. (UAS) Geographical Zones.

Geographical zones are portions of airspace where Unmanned Aircraft Systems (UAS) operations are facilitated, restricted or prohibited.

See IAIP section ENR 5.3 for details on Unmanned Aircraft Systems (UAS) within the Connaught Zone and surrounding areas.

EIKN AD 2.23 ADDITIONAL INFORMATION

Prior Permission Required for use of Ireland West Airport Knock must be obtained. Filing of a flight plan “does not” constitute prior permission. A Booking-In form or Booking-Out form as appropriate, is mandatory for use of the aerodrome. These are available from the Operations Office by:

Phone:+ 353 94 936 81 00

Phone:+ 353 94 936 81 32

Email: operations@irelandwestairport.com

URL: http://www.irelandwestairport.com

and when completed should be returned to:

Fax: + 353 94 936 72 32

Email: operations@irelandwestairport.com

EIKN AD 2.24 CHARTS RELATED TO AN AERODROME

Name	Page
Aerodrome Chart – ICAO	EIKN AD 2.24-1
Aerodrome Obstacle Chart RWY 08/26 – ICAO TYPE A	EIKN AD 2.24-2
Precision Approach Terrain Chart RWY 26 – ICAO	EIKN AD 2.24-3
RNAV Standard Departure Chart Instrument (SID) RWY 26 - ICAO	EIKN AD 2.24-4
RNAV Standard Departure Chart Instrument (SID) RWY 08 - ICAO	EIKN AD 2.24-5
RNAV Standard Arrival Chart Instrument (STAR) RWY 26 - ICAO	EIKN AD 2.24-6
RNAV Standard Arrival Chart Instrument (STAR) RWY 08 - ICAO	EIKN AD 2.24-7
Instrument Approach Chart RNP RWY 26 CAT A, B, C, D - ICAO	EIKN AD 2.24-8
Instrument Approach Chart ILS Z CAT I & II or LOC RWY 26 – ICAO	EIKN AD 2.24-9
Instrument Approach Chart ILS Y CAT I & II or LOC RWY 26 - ICAO	EIKN AD 2.24-10
Instrument Approach Chart VOR RWY 26 – ICAO	EIKN AD 2.24-11
Instrument Approach Chart NDB RWY 26 – ICAO	EIKN AD 2.24-12
Instrument Approach Chart RNP RWY 08 CAT A, B, C, D – ICAO	EIKN AD 2.24-13
Instrument Approach Chart NDB RWY 08 - ICAO	EIKN AD 2.24-14
Instrument Approach Chart VOR RWY 08 - ICAO	EIKN AD 2.24-15
Visual Approach Chart - ICAO	EIKN AD 2.24-16

EIKN AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION.

Procedure	Procedure minima affected
RNP RWY 26	VSS Obstacles have a height less than 15m above the threshold.
ILS and LOC RWY 26	VSS Obstacles have a height less than 15m above the threshold.
VOR RWY 26	VSS Obstacles have a height less than 15m above the threshold.
NDB DME RWY 26	VSS Obstacles have a height less than 15m above the threshold.
RNP RWY 08	VSS Obstacles have a height less than 15m above the threshold.
VOR RWY 08	Not Applicable
NDB DME RWY 08	VSS Obstacles have a height less than 15m above the threshold.

AERODROME CHART - ICAO

AD ELEVATION 665FT ARP 53 54 37N 008 49 07W

CONSULT NOTAM FOR LATEST INFORMATION

IRELAND WEST AIRPORT IRELAND

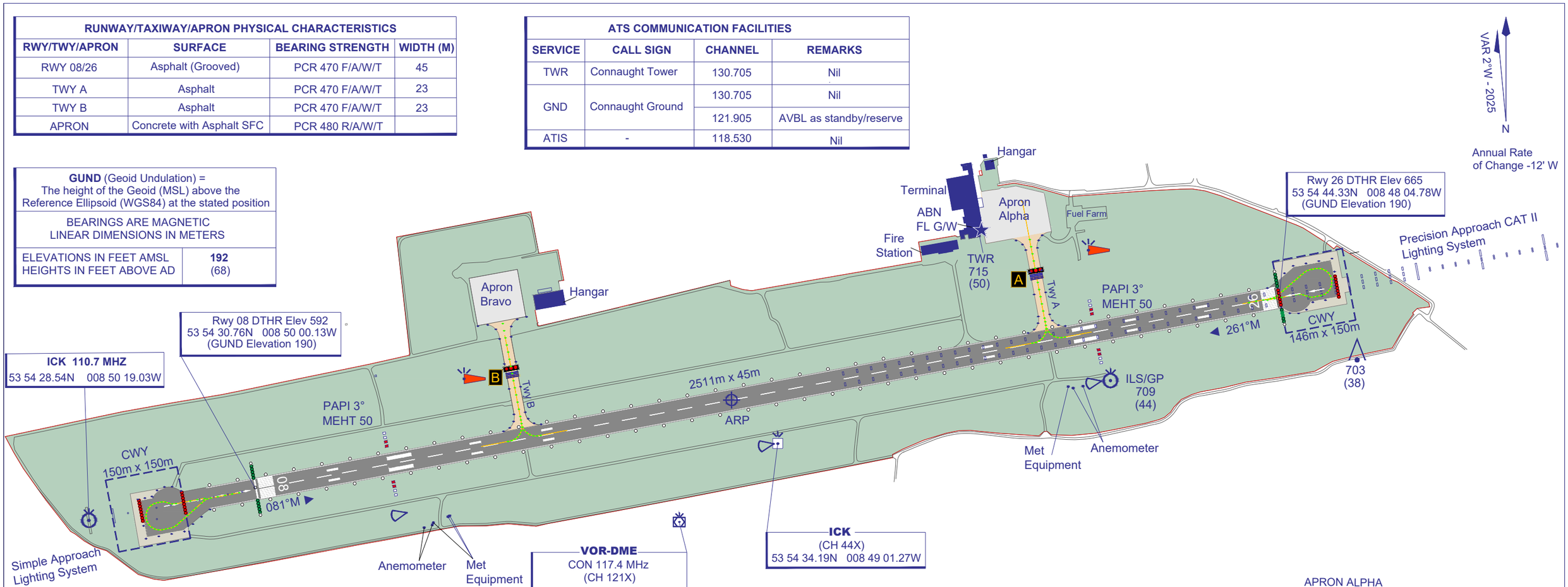
RUNWAY/TAXIWAY/APRON PHYSICAL CHARACTERISTICS			
RWY/TWY/APRON	SURFACE	BEARING STRENGTH	WIDTH (M)
RWY 08/26	Asphalt (Grooved)	PCR 470 F/A/W/T	45
TWY A	Asphalt	PCR 470 F/A/W/T	23
TWY B	Asphalt	PCR 470 F/A/W/T	23
APRON	Concrete with Asphalt SFC	PCR 480 R/A/W/T	

ATS COMMUNICATION FACILITIES			
SERVICE	CALL SIGN	CHANNEL	REMARKS
TWR	Connaught Tower	130.705	Nil
GND	Connaught Ground	130.705	Nil
		121.905	AVBL as standby/reserve
ATIS	-	118.530	Nil

GUND (Geoid Undulation) =
The height of the Geoid (MSL) above the Reference Ellipsoid (WGS84) at the stated position

BEARINGS ARE MAGNETIC
LINEAR DIMENSIONS IN METERS

ELEVATIONS IN FEET AMSL	**192**
HEIGHTS IN FEET ABOVE AD	(68)



LEGEND	
Aerodrome Reference Point (ARP)	
Building	
Wind Direction Indicator Lit	
DVOR Lit	
Distance Measuring Equipment (DME) Lit	
Runway Visual Range (RVR)	
ILS - Glide Path (GP), Localizer (LOC) Lit	
Runway Holding Position Pattern A	
Taxiway Location Designator	A
Stopbar Lights	
RWY End Lights	
RWY THR Lights/ Wingbars	
RWY THR Identification Lights	∞
Precision Approach Path Indicator (PAPI)	
Aerodrome Obstacle	
Clearway (CWY)	

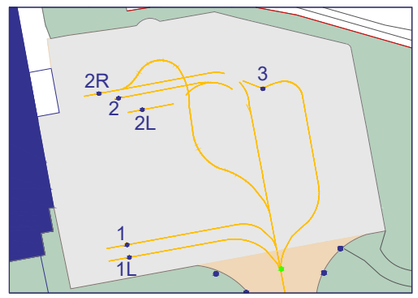
SCALE
METRES

200 100 0 100 200 300 400 500 600

500 0 500 1000 1500 2000

FEET

APRON ALPHA



STAND INFORMATION						
STAND	LATITUDE	LONGITUDE	MAX WINGSPAN (M)	MAX LENGTH (M)	CONDITIONS	REMARKS
1	53 54 48.31N	008 48 36.70W	36.00	44.50	Self Manoeuvring	Stand 1L and 2L vacant
1L	53 54 48.14N	008 48 36.64W	36.00	44.50	Self Manoeuvring	Stand 1 and 2L vacant
2	53 54 50.34N	008 48 36.94W	36.00	44.50	Self Manoeuvring	Stand 2L and 2R vacant, stand 3 or stand 1 and 1L vacant for entry and exit
2L	53 54 50.19N	008 48 36.38W	38.06	47.33	Self Manoeuvring	Stand 1,2 and 2R and 3 vacant
2R	53 54 50.41N	008 48 37.41W	47.57	54.94	Self Manoeuvring	Stand 1, 1L 2, 2L and 3 vacant
2R	53 54 50.41N	008 48 37.41W	36.00	44.50	Self Manoeuvring	Stand 2 and 2L vacant
3	53 54 50.50N	008 48 33.55W	36.00	44.50	Self Manoeuvring	Stand 2L vacant, stand 2 max size 34.5 x 44.5m (A321)

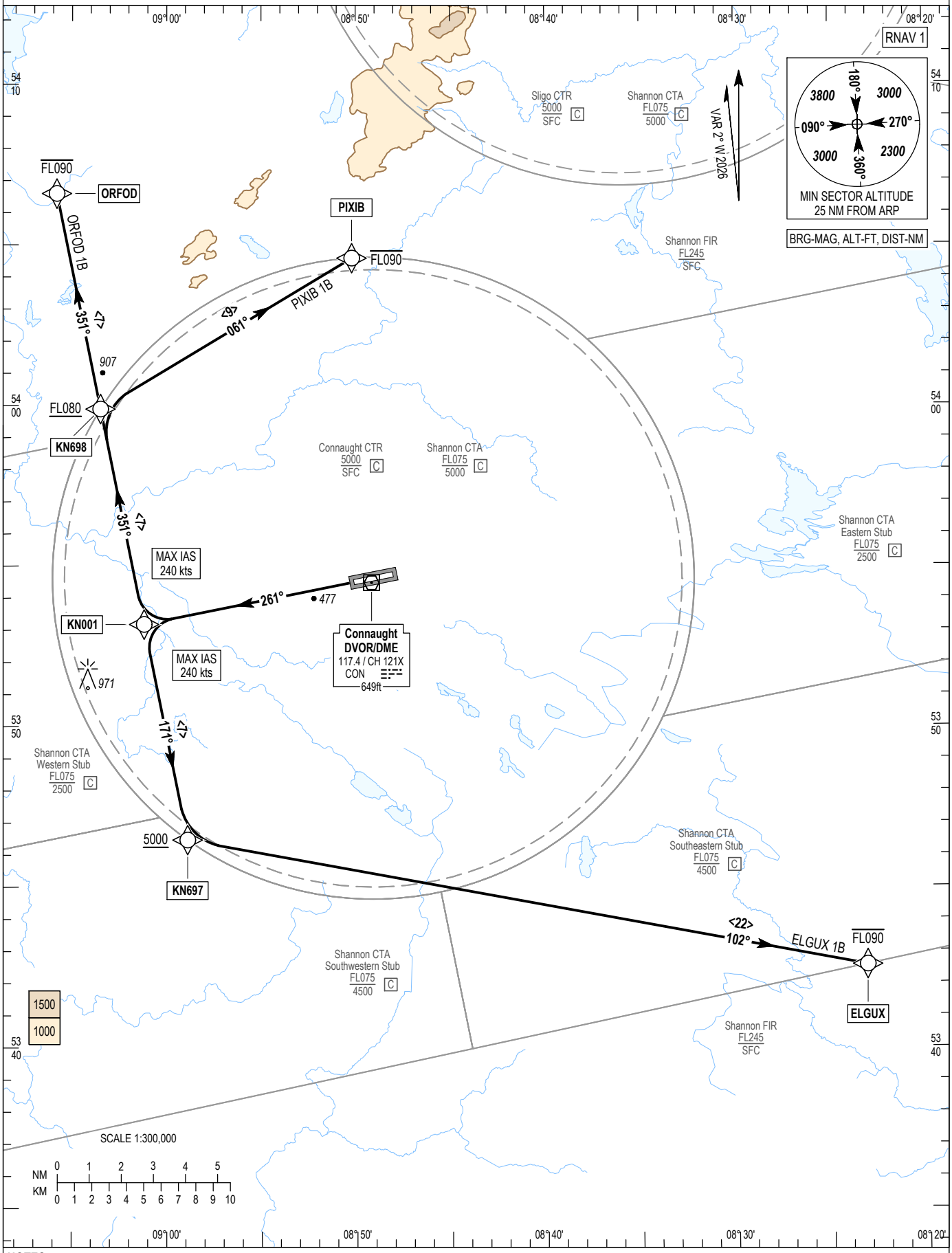
CHANGE: PCN values changed to PCR. SLC Geomatic Solutions.

RNAV - STANDARD DEPARTURE CHART INSTRUMENT (SID) - ICAO

TRANS ALT 5000ft
TRANS LEVEL by ATC

ATIS	118.530
TWR	130.705
GND	130.705
	121.905

IRELAND WEST / KNOCK
RWY 26
(ACFT CAT A, B, C, D)
ELGUX 1B, ORFOD 1B, PIXIB 1B



NOTES:

1. Climb gradient 6.6% (400 ft/NM) (3.3% for obstacle clearance).

2. All aircraft must request start and taxi clearance from ATC on frequency 130.705 (or 121.905 if no response from 130.705).

3. Aircraft are not permitted to enter the runway even if the airport is closed unless previously arranged with ATC.

CHANGE: Frequencies in **NOTES 2.**

ELGUX 1B SID RWY26
ELGU1B

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)	Remarks
RNAV 1	KN001	535311.1 / 0090111.5	CF	Fly-By	258.7 / 261	-	-	240	262° CON / D7.2 CON
RNAV 1	KN697	534628.6 / 0085854.1	TF	Fly-By	168.6 / 171	6.9	- / +A5000	240	Turn L
RNAV 1	ELGUX	534233.4 / 0082312.5	TF	Fly-By	100.3 / 102	21.6	-FL090 / -	240	Turn L

ORFOD 1B SID RWY26
ORFO1B

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)	Remarks
RNAV 1	KN001	535311.1 / 0090111.5	CF	Fly-By	258.7 / 261	-	-	240	262° CON / D7.2 CON
RNAV 1	KN698	535953.6 / 0090329.7	TF	Fly-By	348.6 / 351	6.9	- / +FL080	240	Turn R
RNAV 1	ORFOD	540636.0 / 0090548.6	TF	Fly-By	348.5 / 351	6.9	-FL090 / -	240	-

PIXIB 1B SID RWY26
PIXI1B

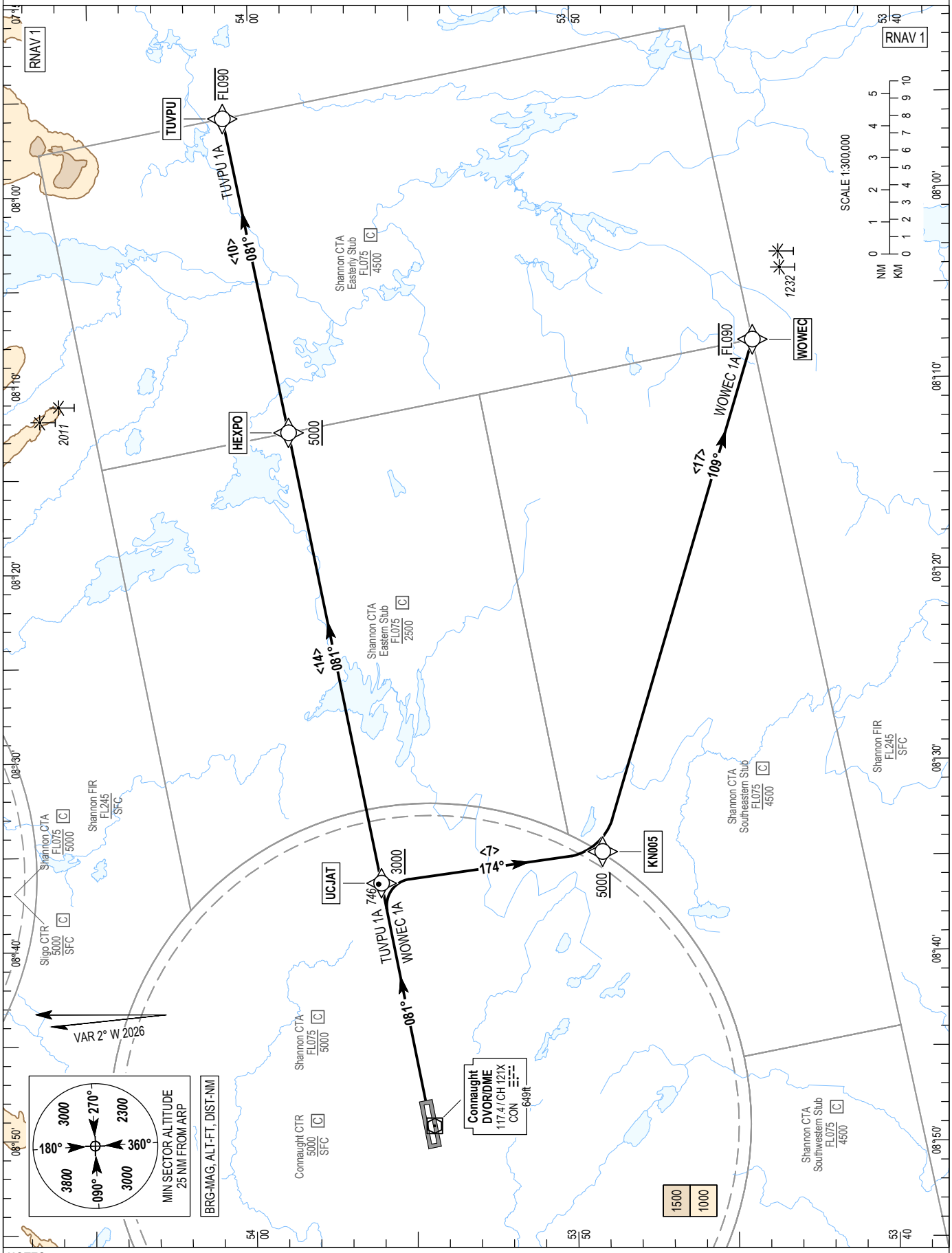
Nav. Spec.	WPT Name	Latitude (N) / Longitude (W)	Path Term	Fly-By Fly-Over	True Track / Mag Track	Distance (NM)	Upper Limit / Lower Limit	Speed Limit (kts)	Remarks
RNAV 1	KN001	535311.1 / 0090111.5	CF	Fly-By	258.7 / 261	-	-	240	262° CON / D7.2 CON
RNAV 1	KN698	535953.6 / 0090329.7	TF	Fly-By	348.6 / 351	6.9	- / +FL080	240	Turn R
RNAV 1	PIXIB	540435.0 / 0085013.3	TF	Fly-By	058.9 / 061	9.1	-FL090 / -	240	Turn R

RNAV - STANDARD DEPARTURE CHART INSTRUMENT (SID) - ICAO

TRANS ALT 5000ft
TRANS LEVEL by ATC

ATIS	118.530
TWR	130.705
GND	130.705
	121.905

IRELAND WEST / KNOCK
RWY 08
(ACFT CAT A, B, C, D)
TUVPU 1A, WOWEC 1A



NOTES:

1. Climb gradient 6.6% (400 ft/NM) (3.3% for obstacle clearance).

2. All aircraft must request start and taxi clearance from ATC on frequency 130.705 (or 121.905 if no response from 130.705).

3. Aircraft are not permitted to enter the runway even if the airport is closed unless previously arranged with ATC.

4. MAX IAS 250 kts below FL100.

5. Caution close-in obstacles (vegetation) exist either side of track.

CHANGE: Frequencies in **NOTES 2.**

TUVPU 1A SID RWY08
TUVP1A

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)	Remarks
RNAV 1	UCJAT	535606.4 / 0083623.8	CF	Fly-By	078.7 / 081	-	- / +A3000	-	080°CON / D7.7 CON
RNAV 1	HEXPO	535853.1 / 0081235.2	TF	Fly-By	078.6 / 081	14.3	- / +A5000	-	-
RNAV 1	TUVPU	540049.1 / 0075557.8	TF	Fly-By	078.7 / 081	10.0	-FL090 / -	-	-

WOWEC 1A SID RWY08
WOWE1A

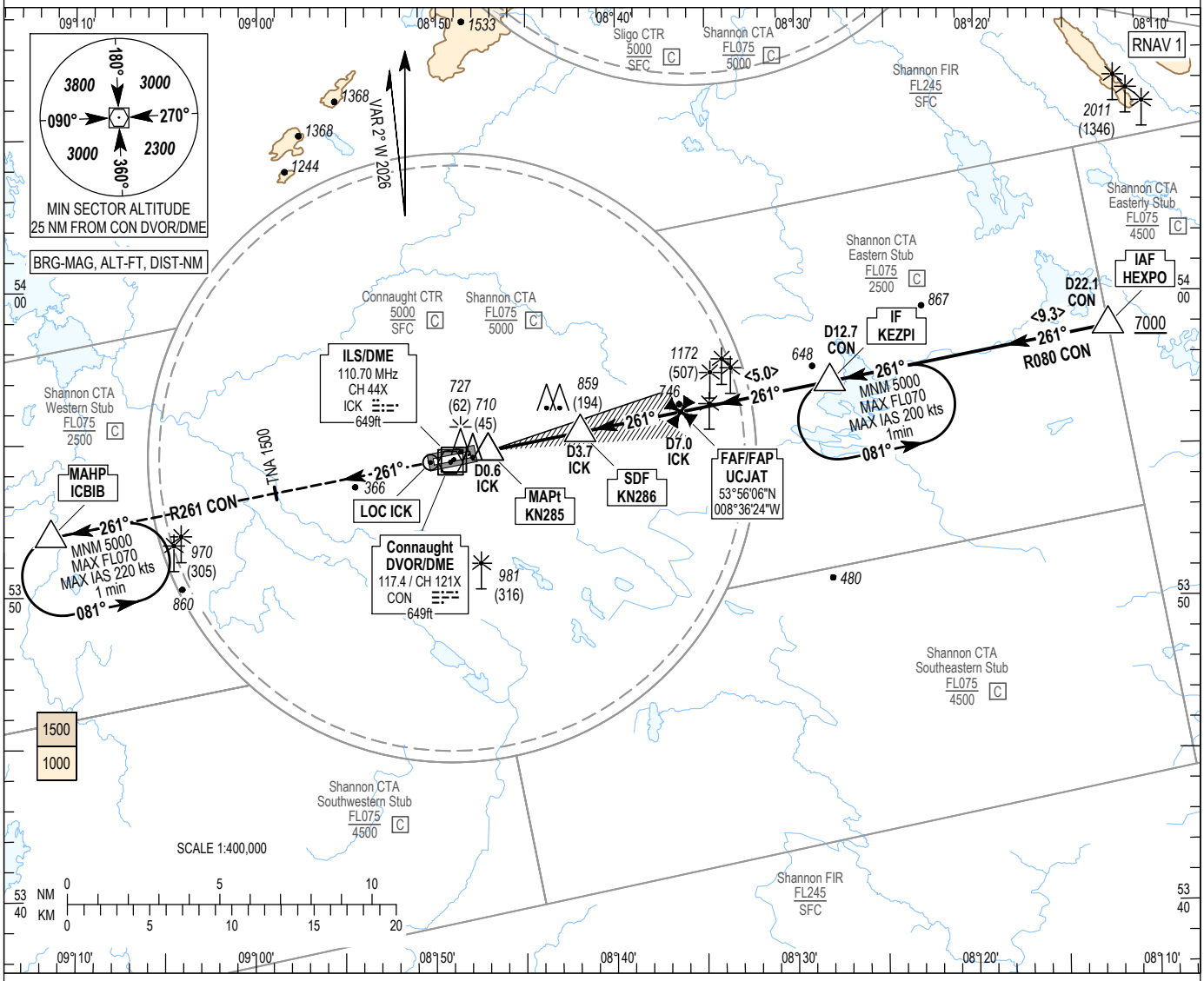
Nav. Spec.	WPT Name	Latitude (N) / Longitude (W)	Path Term	Fly-By Fly-Over	True Track / Mag Track	Distance (NM)	Upper Limit / Lower Limit	Speed Limit (kts)	Remarks
RNAV 1	UCJAT	535606.4 / 0083623.8	CF	Fly-By	078.7 / 081	-	- / +A3000	-	080° CON / D7.7 CON
RNAV 1	KN005	534913.1 / 0083448.0	TF	Fly-By	172.2 / 174	7.0	- / +A5000	-	Turn R
RNAV 1	WOWEC	534425.2 / 0080756.4	TF	Fly-By	106.6 / 109	16.6	-FL090 / -	-	Turn L

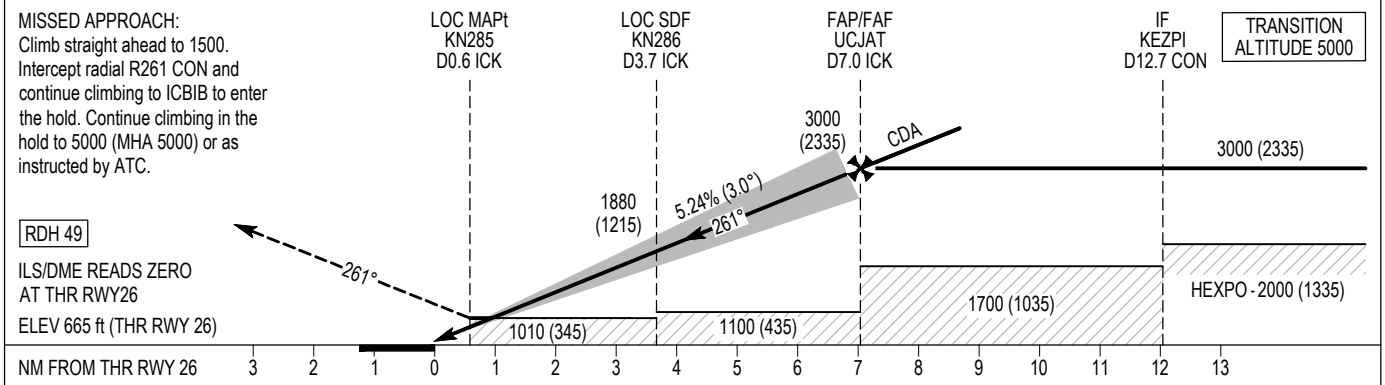
INSTRUMENT APPROACH CHART- ICAO

AERODROME ELEV 665 ft
HEIGHTS RELATED TO THR RWY 26 - ELEV 665 ft

ATIS	118.530
TWR	130.705
GND	130.705
	121.905

IRELAND WEST / KNOCK
ILS Y CAT I & II or LOC RWY 26
(ACFT CAT A, B, C, D)





OCA (H)		A	B	C	D
Straight-in Approach	CAT I	821 (156)	831 (166)	842 (177)	854 (189)
	CAT II	735 (70)	748 (83)	760 (95)	780 (115)
	LOC only	1010 (345)			
Visual Manoeuvring (Heights AAL)		1060 (395)	1160 (495)	1260 (595)	1380 (715)

NOTE:
1. VOR/DME required.
2. Timing not authorized for determining the MAPt.
3. For both holdings - direct entry only.
4. VSS penetrated to the left and right of the track.
5. No Turns Before MAPt.

Recommended LOC only Profile on Final Approach							
DIST THR RWY 26 (NM)	1	2	3	4	5	6	7
ALT / HT (ft)	1030 (365)	1350 (685)	1670 (1005)	1990 (1325)	2310 (1645)	2620 (1965)	2940 (2275)

Ground Speed	kts	80	100	110	120	130
Descent rate gradient - 5.24% (3.0°) 318 ft/NM	ft / min	430	530	580	640	690

CHANGE: Missed approach Plan View text to read R261.

ILS Y RWY26 Approach

Descent Angle:	5.24% (3.00°)			
Fix	IAF HEXPO D22.1 CON	IF KEZPI D12.7 CON	FAF/FAP UCJAT D7.0 ICK	MAHP ICBIB D13.4 CON
Fix Coordinates	535853.1 N / 0081235.2 W	535704.7 N / 0082805.9 W	535606.4 N / 0083623.8 W	535159.3 N / 0091123.5 W
Fix Formation Bearing (°T)	078.23 CON	078.08 CON	078.68 ICK	259.38 CON
Fix Formation Distance	22.08 CON	12.75 CON	7.04 ICK	13.36 CON

LOC Only Y RWY26 Approach

Descent Angle:	5.24% (3.00°)					
Fix	IAF HEXPO D22.1 CON	IF KEZPI D12.7 CON	FAF UCJAT D7.0 ICK	SDF KN286 D3.7 ICK	MAPt KN285 D0.6 ICK	MAHP ICBIB D13.4 CON
Fix Coordinates	535853.1 N / 0081235.2 W	535704.7 N / 0082805.9 W	535606.4 N / 0083623.8 W	535527.2 N / 0084159.6 W	535451.2 N / 0084706.6 W	535159.3 N / 0091123.5 W
Fix Formation Bearing (°T)	078.23 CON	078.08 CON	078.68 ICK	078.68 ICK	078.68 ICK	259.38 CON
Fix Formation Distance	22.08 CON	12.75 CON	7.04 ICK	3.67 ICK	0.58 ICK	13.36 CON

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**
KEZPI	535704.7 / 0082805.9	258.9	261	200	+A5000	-FL070	1	L
ICBIB	535159.3 / 0091123.5	258.9	261	220	+A5000	-FL070	1	L

EIWF AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EIWF – WATERFORD

EIWF AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP and its site**	521114N 0070513W Mid-point RWY 03/21
2	**Direction and distance from (city)**	4NM SE of Waterford
3	**AD Elevation, Reference Temperature & Mean Low Temperature**	113ft /19.6°C (Max Temp) 1.5°C (MNM Temp)
4	**Geoid undulation at AD ELEV PSN**	185ft
5	**MAG VAR/Annual Change**	2° W (2024) /13' decreasing
6	**AD Operator, address, telephone, telefax, email, AFS, Website**	Post: Waterford Airport Killowen, Co. Waterford Phone:+ 353 51 84 66 00 Fax: + 353 51 87 17 01 [ATC] Fax: + 353 51 87 56 23 [Operations] Email: atc@waterfordairport.net Email: operations@waterfordairport.net AFS: EIWFZTZX
7	**Types of traffic permitted (IFR/VFR)**	IFR/VFR
8	**Remarks**	Nil

EIWF AD 2.3 OPERATIONAL HOURS

1	**AD Operator**	01 JAN 2026-28 MAR 2026 0745-1300, 1345-1830, 1915-2045 29 MAR 2026-31 MAY 2026 0645-1200, 1245-1730,1815-1945 01 JUN 2026-31 AUG 2026 0745-1200, 1245-1730, 1815-2045 01 SEP 2026-24 OCT 2026 0645-1200, 1245-1730, 1815-1945 25 OCT 2026-31 DEC 2026 0745-1300, 1345-1830, 1915-2045
2	**Customs and immigration**	24 HR PN required to AD Operator.
3	**Health and sanitation**	As per AD Operator
4	**AIS Briefing Office**	See Remarks
5	**ATS Reporting Office (ARO)**	As per AD Operator
6	**MET Briefing Office**	See Remarks
7	**ATS**	As per AD Operator
8	**Fuelling**	As per AD Operator
9	**Handling**	As per AD Operator
10	**Security**	As per AD Operator
11	**De-icing**	As per AD Operator

12	**Remarks**	AD Operator AVBL outside published HR, 24 HR PN to AD Operator ATS AVBL outside published HR, 24 HR PN to AD Operator PIB AVBL from AIS, Shannon see GEN 3.1.5 MET briefing AVBL from Central Aviation Office, Shannon Airport see GEN 3.5.4 Airport PPR to non-based operators. Phone: Operations +353 51 84 66 00 Email: operations@waterfordairport.net

EIWF AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo handling facilities**	Contact airport operations
2	**Fuel/oil types**	JET A1; AVGAS
3	**Fuelling facilities/capacity**	1 JET A1 Truck - Capacity 18,000L 1 AVGAS Mobile Unit 2,000L Storage capacity - Jet A1 100,000L Storage capacity - AVGAS 50,000L
4	**De-icing facilities**	Nil
5	**Hangar space available for visiting aircraft**	Limited – Contact AD Operator
6	**Repair facilities for visiting aircraft**	Waterford Aircraft Maintenance Services Phone:+ 353 51 87 28 09
7	**Remarks**	Handling services available, contact Waterford Operations. AVGAS available up to 30 mins before evening closing time or later by prior arrangement only.

EIWF AD 2.5 PASSENGER FACILITIES

1	**Hotel(s) at or in the vicinity of AD**	Waterford
2	**Restaurant(s) at or in the vicinity of AD**	Nil.
3	**Transportation possibilities**	Taxis and Car Hire from the AD (Prior notice required). Train from Waterford.
4	**Medical facilities**	First Aid at AD. Hospitals in Waterford.
5	**Bank and Post Office at or in the vicinity of AD**	Waterford
6	**Tourist Office**	Waterford
7	**Remarks**	Nil

EIWF AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 2. Up to CAT 6 AVBL with 24 HR PN required to Operations
2	**Rescue equipment**	Rescue and Emergency equipment for up to CAT 6
3	**Capability for removal of disabled aircraft**	Operators to make own arrangements through IATA pool or other organisations. Recovery assistance available through local contractors, up to 20,000kg Contact the Airport Co-ordinator: +353 (0)51 846600

4	**Remarks**	Fire cover available during operating hours. 24 HR PN required to AD Duty Supervisor for services outside of operating hours.

EIWF AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1	**Type(s) of clearing equipment**	1 runway snow plough 1 runway sweeper 1 snow blower 1 runway de icer
2	**Clearance priorities**	Search and Rescue apron area, RWY 03/21 and associated TWY's
3	**Use of Material for movement area surface treatment**	(KFOR) Potassium Formate Fluids as required
4	**Specially prepared winter runways**	Not applicable
5	**Remarks**	Global Reporting Format - ATS communications for Global Reporting Format for Runway surface conditions. Runway surface conditions not reported by ATIS. Flight crew will be provided with the latest Runway surface conditions from ATS on first contact.

EIWF AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA

1	**Apron surface and strength**	Surface: CONC / Strength: PCN 19/F/C/Y/T			
2	**Taxiway width, surface and strength**	TAXIWAY	WIDTH	SURFACE	STRENGTH
		A	15 M	ASPH	PCN 19/F/C/Y/T
		B	15 M	ASPH	PCN 19/F/C/Y/T
3	**Altimeter checkpoint location and elevation**	Location: Terminal Apron / Elevation: NIL			
4	**VOR checkpoint**	Nil			
5	**INS checkpoint**	Nil			
6	**Remarks**	TWY B restricted to Code A fixed wing and helicopter aircraft only.			

EIWF AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands**	Taxiing Guidance System Signboards at intersection of TWY and RWY and at the Holding Point.
2	**RWY/TWY markings and LGT**	RWY Marked: Designator, THR, TDZ, C/L Lighted: RWY edge, RWY end, PAPI, Displaced Thresholds TWY Marked: Centreline, Holding position. Lighted: Edge.
3	**Stop bars**	Nil
4	**Other RWY Protection measures**	-

5	**Remarks**	Nil

EIWF AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	**OBST Type**	**OBST Position**	**ELEV/HGT**	**Markings/Type, Colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
Aerodrome Obstacles Point of Contact: aipdata@waterfordairport.ie					

In Area 3					
OBST ID/ Designation	**OBST Type**	**OBST Position**	**ELEV/HGT**	**Markings/Type, Colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
Aerodrome Obstacles Point of Contact: aipdata@waterfordairport.ie					

EIWF AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Central Aviation Office, Shannon Airport see GEN 3.5.4
2	**Hours of service**	Refer to EIWF AD 2.3
3	**Office responsible for TAF preparation** **Periods of validity** **Interval of issuance.**	Met Eireann Central Aviation Office, Shannon. 9 HR 3 HR
4	**Trend forecast** **Interval of issuance**	 Nil
5	**Briefing/consultation provided**	Personal
6	**Flight documentation** **Language(s) used**	Charts and Tabular English
7	**Charts and other information available for briefing or consultation**	Hourly Synoptic Chart; 6-hourly synoptic chart; 6-hourly prognostic chart (surface); prognostic chart of significant weather; prognostic chart of wind/temperature at upper levels; prognostic chart of tropopause levels.
8	**Supplementary equipment available for providing information**	Automated Weather Station at Waterford AD. EIWF METAR available on URL: http://www.waterfordairport.ie/weather Phone:+ 353 51 87 70 00 HR as per ATS.
9	**ATS units provided with information**	EIWF TWR
10	**Additional information (limitation of service, etc.)**	METAR available every 30 mins. GEN 3.5.4.2 for additional information

EIWF AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR Geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03	021.01°	1433 x 30	PCN 30/F/C/Y/T ASPH	521054.98N 0070524.89W 521135.57N 0070459.53W 185 ft	26.5 M /87ft
21	201.01°	1433 x 30	PCN 30/F/C/Y/T ASPH	521131.24N 0070502.24W 521052.27N 0070526.59W 185 ft	34.4 M /113ft

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RWY End Safety Area dimensions (M)	Location and description of Arresting System	OFZ	Remarks
7	8	9	10	11	12	13	14
Refer to Aerodrome Obstruction Chart Type A	Nil	Nil	1553 x 150	240 X 90	-	Nil	Grooved Surface
	Nil	Nil	1553 x 150	240 X 90	-	Yes	Grooved Surface

EIWF AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
03	1433	1433	1433	1343	THR 03 DISPLACED 90 M
21	1433	1433	1433	1290	THR 21 DISPLACED 143 M

EIWF AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ Length	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
03	SALS 420M, 1 crossbar at 300M	G	PAPI, Left Slope 3° MEHT 26.0 ft	Nil	Nil	White 60 M Amber 450 M from runway end	R	Nil	Nil

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ Length	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
21	CAT I 750 M 4 crossbars	G	PAPI, Left Slope 3.25° MEHT 26.0 ft	Nil	Nil	White 60 M Amber 450 M from runway end	R	Nil	PAPI RWY 21 not to be used for approach slope guidance until the aircraft is aligned with the runway, as normal obstacle clearance is not provided to the west of the runway extended centre-line.

EIWF AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	At Tower, FLG W/G, 30 per minute As per AD Operator EIWF AD 2.3.
2	**LDI location and LGT** **Anemometer location and LGT**	WDI Near THR 21 lighted Near THR 21 lighted
3	**TWY edge and centre line lighting**	Blue TWY Edge Only
4	**Secondary power supply/switch-over time**	Secondary Power Supply to all Lighting at AD/Switch-over 12 seconds.
5	**Remarks**	Nil

EIWF AD 2.16 HELICOPTER LANDING AREA

NIL

EIWF AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	Waterford Control Zone Circle radius 10NM 521114N 0070513W (Waterford ARP)
2	**Vertical limits**	5000 ft AMSL
3	**Airspace classification**	C G (outside hours of operation of ATC)
4	**ATS unit call sign Language(s)**	Waterford Tower Waterford Information (during the hours of AFIS operation) English
5	**Transition altitude**	5000 ft
6	**Hours of applicability**	-

7	**Remarks**	Outside the promulgated hours of operation of the Waterford Control Zone, the following airspace: Waterford Airport - Circle radius 10NM 521114N 0070513W centered on the Waterford Aerodrome Reference Point, surface to 5000 feet AMSL is classified as Class G airspace. During these periods, an Aerodrome Flight Information Service (AFIS) **may** be provided and IFR holding, approach and departure procedures for SAR Operations may take place at Waterford Airport. Outside the promulgated Aerodrome hours of operation of Waterford Airport, an AFIS may be provided at short notice, in support of helicopters on SAR/HEMS/Training missions based at Waterford Airport *NOTE: Instrument Procedures are only available when an Air Traffic Control Service is being provided, **unless** an operator is authorised by the Flight Operating Standards Department of the Irish Aviation Authority and Waterford Airport Management.* Pilots will be provided by Waterford AFIS, Callsign "Waterford INFORMATION", with an Aerodrome Flight Information and Alerting Service while operating in the local airspace. Pilots are responsible for their own separation while operating in Class G - Uncontrolled Airspace. The hours of operation of AFIS are promulgated by NOTAM. Times may vary to support helicopters on SAR/HEMS missions based at Waterford Airport. **Airspace Status** This airspace is designated as a Transponder Mandatory Zone (TMZ) and Radio Mandatory Zone (RMZ), during the hours when an Aerodrome Flight Information Service is provided Refer to EIWF AD.2.20.8

EIWF AD 2.18 ATS COMMUNICATIONS FACILITIES

Service designation	Call sign	Channel	SAT VOICE No.	Logon Address	Hours of Operation	Remarks
1	2	3	4	5	6	7
TWR	Waterford Tower	129.850 MHz	-	-	Refer to EIWF AD 2.3 AD Operator	Nil
GND	Waterford Ground	121.600 MHz	-	-		As directed by ATC
AFIS	Waterford Information	129.850 MHz	-	-		When ATC not available. Check NOTAM and refer to ATIS.
ATIS	Waterford ATIS	121.150 MHz	-	-		Nil

EIWF AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OP (for VOR/ILS/ MLS/GNSS/ SBAS and GBAS, give declination)	ID	Frequency Channel	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Service Volume Radius from the GBAS Reference Point	Remarks
1	2	3	4	5	6	7	8
DME	IWD	110.9 kHz CH 46X	H24	521119.6N 0070502.0 W	110 ft		Designated Operational Coverage 25 DME reads Zero at RWY 21 THR. DME reads 0.3D at RWY 03 THR. Monitored only during hours as per ATS
NDB	WTD	368.0 kHz	H24	521120.4N 0070500.0 W			Designated Operational Coverage 25NM Monitored only during hours as per ATS
ILS LLZ RWY 21	IWD	110.9 MHz	H24	521039.1N 0070534.8W			Monitored only during hours as per ATS
ILS GP RWY 21	IWD	330.8 MHz	H24	521123.2N 0070514.1 W			GP Angle 3.2º RDH 45 ft Full scale fly up indication may not be maintained when right of localizer sector and below glidepath. Glidepath flags may occur when right of centreline.

EIWF AD 2.20 LOCAL AERODROME REGULATIONS

1. Landing, take off and manoeuvring on the aerodrome outside the published HR of operation of the aerodrome is not permitted unless such permission has been obtained in advance from aerodrome operations or is in the event of an emergency or a search and rescue (SAR) operation.

2. A booking system exists for instrument training, training periods may be booked by application to ATC

Phone:+ 353-51-846600

Fax: + 353-51-871701

Email: atc@waterfordairport.net

The filing of a flight plan does not constitute a booking. Failure to make a booking may result in the aircraft being refused the use of the facilities.

Pilots are requested to advise aerodrome operations of booking cancellations.

3. A booking procedure for all circuit training flights may be introduced by ATS during busy periods.

4. Aircrew and personnel are required to wear high visibility clothing at all times when airside.

5. Individuals or operators intending to base aircraft at the aerodrome must seek the prior written approval of the Airport Manager.

6. Solo Student Pilots from non-Waterford based Flight Training Organisations (FTO) must contact ATS at +353 51 846613 prior to departing to Waterford for PPR and a briefing.

7. RWY 03/21, fixed wing aircraft are required to use the runway end turning areas for making 180 deg turns. Light

aircraft are exempt from this requirement.

8. **Equipment Requirements**

1. TMZ
All flights operating in the Waterford TMZ shall carry and operate SSR transponders capable of operating on Modes A and C or on Mode S, unless in compliance with alternative provisions prescribed by Waterford ATS that has been designated for the airspace as outlined above. Refer to Item 5 hereunder.

2. RMZ
All flights operating in the Waterford RMZ shall maintain continuous air-ground voice communication watch and establish two-way communication, as necessary, on the appropriate communication channel, unless in compliance with alternative provisions prescribed for that particular airspace by Waterford ATS. Refer to Item 4 hereunder.

3. RMZ Entry
The requirements for entry into an RMZ are detailed in SERA.6005 (a) as follows:
Before entering a radio mandatory zone, an initial call containing:

a. the designation of the station being called;

b. callsign;

c. type of aircraft;

d. position;

e. level;

f. the intentions of the flight;
And;

g. Other information as prescribed by the competent authority shall be made by pilots on the appropriate communication channel. [Ref EIWF AD 2.18]

Once this information has been passed to and acknowledged by AFIS, a pilot may enter the RMZ. However, if a pilot is requested to 'stand by' before the required information is passed; they must remain outside of the RMZ. AFIS will resume communications with pilots as soon as possible after having instructed them to 'stand by'.

Whilst operating within an RMZ pilots are required to continuously monitor the published frequency. This is to raise situational awareness for all and offers a means of communication between pilot and AFIS if required.

Waterford AFIS may additionally instruct an aircraft with a functioning transponder to squawk an appropriate code.

4. Radio and/or Transponder Failure

4.1 A VFR flight experiencing radio failure prior to entry into the RMZ is required to remain outside the RMZ and route to their alternate aerodrome. The pilot shall contact Waterford Air Traffic Services +353 51 846613 as soon as practicable on landing.

4.2 A VFR flight experiencing radio failure whilst inside the RMZ is required to route to,

4.2.1 If approaching from the East route via Baginbun Head not above 1,500 ft to the Belle Lake Hold and await light signals from Waterford AFIS,

4.2.2 If approaching from the West, route via Bunmahon not above 1,500 ft to the Tramore Racecourse Hold and await light signals from Waterford AFIS.

4.3 SAR aircraft on an IFR flight experiencing radio failure are required to follow Rule 31 Communications Failure, AIP Ireland ENR 1.3 INSTRUMENT FLIGHT RULES.

4.4 An aircraft experiencing transponder failure shall advise Waterford AFIS as soon as practicable when aware of the failure. Prevailing traffic conditions may delay TMZ entry/departure.

4.5 Aircraft experiencing both Radio and Transponder failure are required to follow Parts 4.1, 4.2, 4.3 as

appropriate to their flight rules.

5. Non-Radio Aircraft & Non-Transponder Aircraft
Pilots of aircraft which are neither non-transponder nor non-radio equipped must contact Waterford Air Traffic Services +353 51 846613 in order to seek agreement to operate within the TMZ.
Prevailing traffic conditions may preclude TMZ entry agreement to non-transponder aircraft (or an aircraft with a non-functioning transponder) to operate within the TMZ.
Ref:
SERA.6005 Requirements for communications and SSR transponder.
SERA.13001 Operation of a transponder.
SERA 13020 SSR transponder failure when the carriage of a transponder is mandatory

EIWF AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

EIWF AD 2.22 FLIGHT PROCEDURES

1. Arrival Procedures

Clearance to enter the CTR.Arrival routes may be varied at the discretion of ATC.

Arrival Routes are based on holding patterns established at Waterford.

Shannon ATS will descend arriving traffic to the lowest usable flight level within controlled airspace (FL080 / Shannon Transition level if higher).

A lower level/altitude within controlled airspace may be coordinated with Waterford ATC.

Descent into the FIR (Class G Uncontrolled airspace)
Caution: Descent below FL080 or Transition level if higher, before the lateral limits of the Control Zone or associated stubs as outlined in ENR 2.1 will bring the flight into Shannon Class G (uncontrolled) airspace. There may be traffic operating in this airspace that is unknown and not operating with a transponder. Such descent, if requested, may be given at pilot's discretion with a clearance to re-enter controlled airspace at or descending to a specified level/altitude agreed with ATC. Flight information in the FIR is available from Shannon ATS on 127.500 MHz

2. Communication Failure

In the event of communication failure, the pilot shall act in accordance with the communication failure procedures in ICAO Annex 2.

3. Departure Procedures

AD not available for departures when official met visibility is below 550m, SAR aircraft exempt.

4. EIWF Instrument Approach Procedures

ILS CAT 1, LOC RWY 21 and NDB RWY 03 Instrument Approach only available when Air Traffic Control Zone is active unless the operator has prior approval from the Irish Aviation Authority and Waterford Airport Management.

EIWF AD 2.23 ADDITIONAL INFORMATION

Caution Wind Shear may be experienced under certain conditions on the approaches to RWY 21.

EIWF AD 2.24 CHARTS RELATED TO AN AERODROME

Name	Page
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EIWF AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

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