

EGAD — NEWTOWNARDS

EGAD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGAD — NEWTOWNARDS

EGAD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 543452N Long: 0054131W Mid point of Runway 03/21
2	Direction and distance from city	8.5 nm E of Belfast.
3	Elevation / Reference temperature	9 ft / 16 C
4	Geoid undulation at AD ELEV PSN	
5	Magnetic Variation/ Annual Change	3.08°W (2017) / 0.17°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	ULSTER FLYING CLUB Post: Ards Aerodrome, Portaferry Road, Newtownards, Co. Down, BT23 8SG, N. Ireland. Phone: 028-9181 3327 Fax: 028-9181 4575
7	Type of Traffic permitted (IFR/VFR)	VFR
8	Remarks	

EGAD AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: 0900-1700. Out of hours by arrangement. Summer: 0900-1800. Out of hours by arrangement.
2	Customs and Immigration	By arrangement.
3	Health and sanitation	
4	AIS Briefing Office	
5	ATS Reporting Office (ARO)	
6	MET Briefing Office	
7	Air Traffic Service	See AD 2.18.
8	Fuelling	As AD hours.
9	Handling	
10	Security	
11	De-icing	
12	Remarks	Aerodrome Operator: This aerodrome is PPR . The AD operates outside of notified licensed hours. Tue and Thu extended hours are for training purposes only, subject to weather, contact AD for information.

EGAD AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	
2	Fuel and oil types	AVGAS 100LL AVTUR JET A-1 W80, W100
3	Fuelling facilities/capacity	AVGAS: Overground Tank. AVTUR: Bowser.
4	De-icing facilities	
5	Hangar space for visiting aircraft	Subject to availability.
6	Repair facilities for visiting aircraft	Available - Woodgate Aviation.
7	Remarks	

EGAD AD 2.5 PASSENGER FACILITIES

1	Hotels	In the vicinity.
2	Restaurants	On site.
3	Transportation	Public transport available.
4	Medical facilities	Local.
5	Bank and Post Office	Local.
6	Tourist Office	Local.
7	Remarks	

EGAD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	
2	Rescue equipment	
3	Capability for removal of disabled aircraft	
4	Remarks	RFF Category Special.

EGAD AD 2.7 SEASONAL AVAILABILITY - CLEARING

EGAD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	Surface: Asphalt.
2	Taxiway width, surface and strength	Taxiway : Surface: Asphalt.
3	Altimeter checkpoint location and elevation	
4	VOR checkpoints	
5	INS checkpoints	
6	Remarks	

EGAD 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	
2	Runway and taxiway markings and lighting	Taxiway light(s): : Blue LI edge lights from main apron to Runway 21 start of full width starter extension (Shown in red as 03 stop bar on aerodrome plan). Blue LI edge lights marking a triangular taxiway to the southeast of Runway 21 from the intersection of Runway 08 with Runway 21 along Runway 08/26 to the intersection with Runway 15/33 and then along Runway 33 to the intersection with Runway 21.
3	Stop bars	
4	Remarks	Illuminated wind direction indicator

EGAD AD 2.10 AERODROME OBSTACLES

In Approach/Take-off areas						
Obstacle ID/Designation	Obstacle Type	Obstacle Position	Elevation/Height		Obstruction Lighting Type/Colour	Remarks
1	2	3	4		5	6
03/APPROACH 21/TAKE-OFF	Vehicles on road	543430.91N 0054153.18W	18 ft		No	
03/APPROACH 21/TAKE-OFF	Building	543430.54N 0054150.98W	30 ft		No	
03/APPROACH 21/TAKE-OFF	Tree	543428.62N 0054152.20W	40 ft		No	
21/APPROACH 03/TAKE-OFF	High Ground	543542.26N 0054038.41W	180 ft		No	
21/APPROACH 03/TAKE-OFF	Trees	543536.68N 0054034.27W	235 ft		No	
21/APPROACH 03/TAKE-OFF	High Ground	543529.36N 0054040.26W	206 ft		No	
15/APPROACH 33/TAKE-OFF	Radio Mast	543529.17N 0054155.47W	153 ft		Yes Red	
15/APPROACH 33/TAKE-OFF	Lampposts	543508.76N 0054136.75W	18 ft		Yes Red	
33/APPROACH 15/TAKE-OFF	Sea Wall	543447.97N 0054114.91W	19 ft		No	
26/APPROACH 08/TAKE-OFF	High Ground	543507.57N 0054000.84W	170 ft		No	

In circling area and at aerodrome						
Obstacle ID/Designation	Obstacle Type	Obstacle Position	Elevation/Height		Obstruction Lighting Type/Colour	Remarks
1	2	3	4		5	6
	Hill with radio masts	543658.42N 0054502.72W	745 ft		Yes	
	High Ground	543520.90N 0054021.24W	175 ft		No	
	Chimney	543459.78N 0054140.42W	95 ft		Yes	
	Scrabo Tower	543448.27N 0054256.25W	665 ft		Yes	
	Scrabo Hill	543448.12N 0054247.90W	520 ft		No	

EGAD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	
2	Hours of service MET Office outside hours	
3	Office responsible for TAF preparation Periods of validity	
4	Trend forecast Interval of issuance	
5	Briefing/consultation provided	
6	Flight documentation Language(s) used	
7	Charts and other information available for briefing or consultation	
8	Supplementary equipment available for providing information	
9	ATS units provided with information	
10	Additional information (limitation of service, etc.)	

EGAD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY Number	True bearing	Dimensions of RWY	Surface of RWY/ SWY/ Strength (PCN)	THR co-ordinates/ THR Geoid undulation	THR elevation/ Highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03	031.17°	791 x 18 m	RWY surface: Asphalt.	543440.67N 0054142.72W	THR 9 ft
21	211.17°	791 x 18 m	RWY surface: Asphalt.	543500.46N 0054122.11W	THR 9 ft
08	076.90°	566 x 18 m	RWY surface: Asphalt.	543448.51N 0054150.08W	THR 9 ft
26	256.91°	566 x 18 m	RWY surface: Asphalt.	543452.65N 0054119.44W	THR 9 ft
15	149.51°	640 x 18 m	RWY surface: Asphalt.	543505.06N 0054132.65W	THR 9 ft
33	329.52°	640 x 18 m	RWY surface: Asphalt.	543451.74N 0054119.15W	THR 9 ft

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
					RWY 03
					RWY 21
					Threshold displaced by 74 m
					RWY 08
					RWY 26
					RWY 15
					Runway 15 threshold displaced by 84 m
					RWY 33
					Runway 33 threshold displaced by 76 m

EGAD AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
03	717 m	747 m	791 m	791 m	
21	791 m	791 m	791 m	717 m	
08	566 m	566 m	566 m		
26				566 m	
15	564 m	594 m	614 m	530 m	
33	556 m	586 m	640 m	564 m	

EGAD AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY	Approach lighting Type/Length/Intensity	Threshold lighting Colour/Wing bars	VASIS/MEHT/PAPI	TDZ lighting Length	Runway Centre Line lighting Length/Spacing/Colour/Intensity	Runway edge lighting Length/Spacing/Colour/Intensity	Runway end lighting Colour/Wing bars	Stopway lighting Length/Colour	Remarks
1	2	3	4	5	6	7	8	9	10
03		LI Green	PAPI Left/4.5° 18 ft			White. Light intensity low.	Red.		
21		LI Green Wingbars	PAPI Left/4.5° 18 ft			White. Light intensity low.	Red.		
15		LI Green	PAPI Right/4.5° 18 ft			White. Light intensity low.	Red.		
33		LI Green	APAPI Left/4.5° 18 ft			White. Light intensity low.	Red.		

EGAD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	
2	LDI location and lighting Anemometer location and lighting	
3	TWY edge and centre line lighting	
4	Secondary power supply/switch-over time	
5	Remarks	

EGAD AD 2.16 HELICOPTER LANDING AREA

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EGAD AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Designation and lateral limits	Vertical Limits	Airspace Class	ATS unit callsign/language	Transition Altitude	Remarks
1	2	3	4	5	6
NEWTOWNARDS ATZ A circle, 2 nm radius centred at 543452N 0054131W on longest notified runway (03/21)	Upper limit: 2000 ft Lower limit: SFC	Other	NEWTOWNARDS RADIO	3000 ft	Airspace Classification: D and G Note: Partly within Belfast/ City CTR and CTA 3.

EGAD AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
Other	NEWTOWNARDS RADIO	128.300 MHz A/G frequency.	Winter: 0900-1700 Tue, Thu 1700-2000 and by arrangement. Summer: 0800-1600 Tue, Thu 1600-1900 and by arrangement.	ATZ hours coincident with A/G hours, but not by arrangement. Tue and Thu extended hours are for training purposes only, subject to weather, contact AD for information.

EGAD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

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EGAD AD 2.20 LOCAL TRAFFIC REGULATIONS

1 Airport Regulations

- (a) Aircraft (including microlight aircraft) using Newtownards Aerodrome are to carry third party liability insurance cover meeting or exceeding the appropriate European Directive requirements.

2 Ground Movement

Not applicable

3 CAT II/III Operations

Not applicable

4 Warnings

- (a) There is high ground and a lighted obstruction (Scrabo Tower) that infringes the protected surface of the 26 climb-out. There are near-in lamp standards on the Comber Road that may present an obstruction in the event of a late decision to commence a missed approach. Turbulence may be experienced during a missed approach.

Advice: Pilots of aircraft carrying out an approach to Runway 26 should satisfy themselves at or above 300 ft that they can safely land and stop on the runway. In the event of any doubt pilots are advised to commence a missed approach and make an early left turn to avoid the high ground. The pilot of an aircraft attempting to make a landing on Runway 26, who has not established wheels firmly on the ground before crossing the intersection with Runway 21, is advised to commence a missed approach. Once established in the climb an early left turn should be made away from the rising ground.
- (b) Pilots landing on Runway 33 should exercise caution on the approach to avoid possible pedestrian and vehicular traffic on the sea wall. Turbulence and windshear may be experienced on approach to Runway 33 in conditions of strong winds.
- (c) The aerodrome is frequently used outside the published hours of operation.
- (d) Pilots to exercise cautions as different heights and sizes of circuits may be in use simultaneously.
 - (i) Pilots of Microlight aircraft using the 700 ft circuit to exercise caution when turning base due to potential conflict with aircraft on final.
 - (ii) Pilots of aircraft flying the 1000 ft circuit to exercise caution due to potential conflict with aircraft operating in the 700 ft circuit.
- (e) Public road runs at right angles to the approach and under Runway 15 approach path beyond the aerodrome boundary.
- (f) Lamp standards (Lgt'd with red warning lights and painted with red and white bands) approximately 5 m from aerodrome boundary, 26 ft amsl, 140 m from Runway 15 threshold.
- (g) Vehicles on public road 150 m from Runway 15 threshold.

5 Helicopter Operations

In order to minimise the impact of noise on local residents ALL helicopters operating into or from Newtownards shall obey the following restrictions.

(a) Approaches

- (i) Helicopters shall not approach the aerodrome through the sector of the aerodrome traffic zone between the extended centre-line of Runway 21 and the extended centre-line of Runway 26, and helicopters shall not make any approaches to Runway 08. If approaching the aerodrome from the west they shall either route to the north of Scrabo Hill or join the extended centre-line of Runway 03 before the ATZ boundary and thereafter remain to the right of the runway centre-line.

(b) Departures

- (i) Helicopters departing from Runway 21 shall ensure that they do not fly west of the extended 21 centre-line until outside the ATZ.
- (ii) Helicopters shall not depart from Runway 26.

(c) Hovering on the Aerodrome

- (i) Visiting helicopters shall not carry out hovering practice at Newtownards without specific prior permission. Arriving helicopters shall route as expeditiously as possible to their planned set down area and shall shut down as soon as possible.

EGAD AD 2.20 LOCAL TRAFFIC REGULATIONS (continued)

- (ii) Local helicopters shall take all possible actions to minimise noise impact from hover practice by avoiding hover training up-wind of residential areas.

6 Use of Runways

- (a) Runway 26 is available for landing only.
(b) Runway 08/26 is not available to solo students.
(c) Grass Runway 15/33 is unlicensed, for details including dimensions/declared distances contact the aerodrome.

7 Training

Not applicable

EGAD AD 2.21 NOISE ABATEMENT PROCEDURES

- (a) Avoid overflying bird sanctuary at Castle Espie.

EGAD AD 2.22 FLIGHT PROCEDURES**1 Circuits**

- (a) Circuit directions; Runway 03 - RH; Runways 21, 15 and 33 - LH.
(b) Runway 26 is not available for circuits.
(c) Circuit height: 1000 ft aal. Microlight circuit height for aircraft flying at IAS less than 90 kt 700 ft aal. Microlight Pilots using the 700 ft circuit to prefix Downwind radio call with 'Microlight'.

**EGAD AD 2.23 ADDITIONAL INFORMATION**

Not applicable

EGAD AD 2.24 CHARTS RELATED TO AN AERODROME

Figure: AERODROME CHART – ICAO

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