

PLYMOUTH

EGHD AD 2.1 - PLYMOUTH

EGHD AD 2.2 — AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP co-ordinates and site at Aerodrome:	Lat: 502522N Long: 0040621W	Mid-point of Runway 13/31.
2	Direction and distance from the city:	3.5 nm NNE of Plymouth.	
3	Elevation/Reference temperature:	476 ft – 21°C.	
4	Geoid undulation at AD ELEV PSN:	172 ft.	
5	MAG VAR/Annual change:	W3.1° (2009) – 0.15° decreasing.	
6	AD Administrator:	Plymouth City Airport Ltd.	
	Address:	Plymouth City Airport, North Quay House, Sutton Harbour Plymouth, Devon PL4 0RA.	
	Telephone:	01752-204090 (Switchboard). 01752-515341 (ATC/PPR)	
	Fax:	01752-770160 (ATC/Airport Ops). 01752-515338 (Airport).	
7	Types of traffic permitted (IFR/VFR):	IFR/VFR	
8	Remarks:	All telephone calls to ATC will be recorded.	

EGHD AD 2.3 — OPERATIONAL HOURS

1	AD Administration:	Winter: 0630-2230. Summer: 0530-2130.
2	Customs and immigration:	Mon-Fri 0930-1630 outside these hours prior notice required by 1600 on previous day. Sat, Sun prior notice required by 1600 on previous day.
3	Health and sanitation:	
4	AIS Briefing Office:	
5	ATS Reporting Office (ARO):	
6	MET Briefing Office:	
7	ATS:	As AD hours. See also AD 2.18.
8	Fuelling:	As AD hours.
9	Handling:	
10	Security:	
11	De-icing:	
12	Remarks:	The aerodrome is PPR to all aircraft except scheduled and locally based aircraft by telephone to ATC, 01752-515341.

EGHD AD 2.4 — HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities:	Nearest railway siding: Plymouth 3.5 nm.
2	Fuel/oil types:	AVTUR JET A-1. AVGAS 100LL. Oil: W80, W100, W120, 100.
3	Fuelling facilities/capacity:	AVTUR JET A-1 up to 120,000 lt. AVGAS 100LL up to 28,000 lt.
4	De-icing facilities:	Nil.
5	Hangar space available for visiting aircraft:	Limited. Subject to prior arrangement with GAMA Support Services Ltd, Tel: 01752-752521.
6	Repair facilities for visiting aircraft:	By arrangement with GAMA Support Services Ltd.
7	Remarks:	Cargo Handling by Dunwoody Airline Services Ltd, Tel: 01752-794794.

EGHD AD 2.5 — PASSENGER FACILITIES

1	Hotels:	None.
2	Restaurants:	In Terminal.
3	Transportation:	Taxis and car hire. Nearest railway station: Plymouth 3.5 nm.
4	Medical facilities:	Limited First Aid provided by aerodrome operator. Requests for assistance to the Airport Fire Service, Tel: 01752-515352.
5	Bank and Post Office:	Nil.
6	Tourist Office:	
7	Remarks:	

**EGHD AD 2.6 — RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting:	RFF category 5.
2	Rescue equipment	
3	Capability for removal of disabled aircraft:	Up to 15 tonnes available at 3 hours notice. Contact: 01752-515351 or 01752-492671 out of normal working hours.
4	Remarks:	

**EGHD AD 2.7 — SEASONAL AVAILABILITY - CLEARING**

1	Type(s) of clearing equipment:	Standard. See AD 1.2.2.
2	Clearance priorities:	
3	Remarks:	

**EGHD AD 2.8 — APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

1	Apron surface and strength:	Main Apron	Surface: Concrete/Asphalt	Strength:	
2	Taxiway width, surface and strength:	A, B, D	Width: † 15 m	Surface: Asphalt	Strength:
3	Altimeter checkpoint location and elevation:	Apron 472 ft amsl.			
4	VOR checkpoints:				
5	INS checkpoints:	See Aircraft Parking/Docking Chart.			
6	Remarks:	† Runway access from apron.			

**EGHD 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:	Stands 1-5 self-maneuvring. surface stand markings.
2	Runway and taxiway markings and lighting:	Runway: Runway designation. Centre-line and threshold.  Taxiway: Yellow centre-line, blue edge lights on taxiways. Runway guard lights at holding points A and B, with illuminated holding point signs. Runway guard lights at holding point C on Taxiway C, 75 m southwest of Runway 13/31 centre-line with illuminated holding point sign. Holding Point D not illuminated.
3	Stop bars:	
4	Remarks:	2 illuminated wind direction indicators.

**EGHD AD 2.10 — AERODROME OBSTACLES**

In Approach/Take-off Areas			In circling area and at aerodrome		
1			2		
Runway/Area affected	Obstacle type Elevation Markings/Lighting	Co-ordinates	Obstacle type Elevation Markings/Lighting	Co-ordinates	
a	b	c	a	b	
	ft amsl			ft amsl	
			Tree	539	502511.69N 0040709.68W
			Tree	458	502509.49N 0040557.97W
			Tree	726	502727.75N 0040633.52W
			Tree	888	502712.44N 0040257.85W
			Tree	907	502640.12N 0040216.78W
			ATC Beacon	513	502521.96N 0040634.93W
			Pylon	625	502642.92N 0040643.61W
			GP (Lgtd)	473	502518.57N 0040604.91W
			NDB	515	502527.64N 0040644.51W
			Mast (Lgtd)	1057	502623.51N 0040104.99W
			High Ground	1171	502741.54N 0040009.23W
			High Ground	1401	502657.96N 0035826.98W
			TV Mast (Lgtd)	2317	503300.84N 0040029.87W
3	Remarks:	Chimney 76 ft aal, 561 ft amsl, 950 m, 186°. Numerous buildings adjacent to boundaries. High ground up to 515 ft aal, 1000 ft amsl, between north and east-south-east. Lamp posts 20 ft agl, on the northern perimeter boundary hedge along the main road.			

**EGHD AD 2.11— METEOROLOGICAL INFORMATION PROVIDED**

1	Associated MET Office:	Exeter.
2	Hours of service: MET Office outside hours:	H24.
3	Office responsible for TAF preparation: Periods of validity:	MET Office Exeter. 9 Hours.
4	Trend Forecast: Interval of issuance:	
5	Briefing/consultation provided:	Self briefing/telephone.
6	Flight documentation: Language(s) used:	Charts abbreviated plain language text. TAFs/METARs. English.
7	Charts and other information available for briefing or consultation:	
8	Supplementary equipment available for providing information:	
9	ATS units provided with information:	Plymouth.
10	Additional Information (limitation of service etc):	RVR reports Runway 31 only and limited to a maximum of 800 m.

**EGHD AD 2.12 — RUNWAY PHYSICAL CHARACTERISTICS**

Designations RWY Number	True bearing	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and Stopway	Threshold co-ordinates RWY end co-ordinates THR Geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
13	122.51°	1161 x 30 †	14/F/A/Y/T Asphalt	502530.77N 0040642.44W — GUND 172 ft	THR 474 ft
31	302.53°	1161 x 30 †	14/F/A/Y/T Asphalt	502513.08N 0040559.01W — GUND 172 ft	THR 439 ft

Slope of RWY-SWY	Stopway dimensions (m)	Clearway dimensions (m)	Strip dimensions (m)	OFZ
7	8	9	10	11
12	Remarks: † Including turning circles.			Gradient Runway 13 0.95% down, Runway 31 0.95% up.
	Runway 13 threshold displaced by 67 m.		Runway 31 threshold displaced by 60 m.	

**EGHD AD 2.13 — DECLARED DISTANCES**

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks:
1	2	3	4	5	6
13	1109	1169	1109	1027	
31	1102	1168	1102	1045	

**EGHD AD 2.14 — APPROACH AND RUNWAY LIGHTING**

Runway	Approach lighting Type Length Intensity	Threshold lighting colour Wingbars	PAPI VASIS Angle Dist from THR (MEHT)	TDZ lighting Length	Runway Centre-line Lighting Length Spacing Colour Intensity	Runway edge lighting Length Spacing Colour Intensity	Runway End Lighting Colour Wingbars	Stopway Lighting Length (M) Colour
1	2	3	4	5	6	7	8	9
13		HI Green	APAPI 3.75° LHS 108 m (25 ft)			HI omni-directional	Red	
31	Coded centre-line with five crossbars 900 m HI	HI Green	PAPI 3.5° LHS 172 m (40 ft)			HI omni-directional	Red	
10	Remarks		Blue turning circle lights on Runway 13/31					

**EGHD AD 2.15 — OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	<b>ABN/IBN location, characteristics and hours of operation:</b>	ABN flashing 'white'.
2	<b>LDI location and lighting: Anemometer location and lighting:</b>	
3	<b>Taxiway edge and centre-line lighting:</b>	502526.92N 0040643.11W.
4	<b>Secondary power supply/switch-over time:</b>	UPS and secondary power supply. Less than 15 seconds.
5	<b>Remarks:</b>	Apron floodlighting. Obstacle lights.

**EGHD AD 2.16 — HELICOPTER LANDING AREA**

1	<b>Co-ordinates TLOF or THR of FATO: Geoid undulation:</b>	
2	<b>TLOF and/or FATO elevation (ft):</b>	
3	<b>TLOF and FATO area dimensions: Surface, Strength, Marking:</b>	
4	<b>True Bearing of FATO:</b>	
5	<b>Declared distance available:</b>	
6	<b>Approach and FATO lighting:</b>	
7	<b>Remarks:</b>	

**EGHD AD 2.17 — ATS AIRSPACE**

Designation and lateral limits		Vertical limits	Airspace Classification
1		2	3
<b>Plymouth Aerodrome Traffic Zone (ATZ)</b> Circle radius 2 nm centred on longest notified runway (13/31) 502522N 0040621W.		2000 ft aal/ SFC	G †
4	<b>ATS unit call sign: Language(s):</b>	Plymouth Approach. English	
5	<b>Transition altitude:</b>	3000 ft.	
6	<b>Remarks:</b>	Hours: See AD 2.18 † Refer to Section ENR 1.4 for Notifications.	

**EGHD AD 2.18 — ATS COMMUNICATION FACILITIES**

Service Designation	Callsign	Channel MHz	Hours of Operation		Remarks
			Winter	Summer	
1	2	3	4		5
APP	Plymouth Approach	133.550	0630-2230 and by arrangement	0530-2130 and by arrangement	DOC 40 nm/15,000 ft. ATZ hours coincident with Approach hours.
TWR	Plymouth Tower	118.150			DOC 25 nm/4000 ft.
FIRE	Plymouth Fire	121.600	Available when Fire vehicle attending aircraft on the ground in an emergency.		Non-ATS Frequency.

EGHD AD 2.19— RADIO NAVIGATION AND LANDING AIDS

Type of Aid MAG VAR Type of supported OP (VOR/ILS/MLS declination)	IDENT	Frequency	Hours of Operation		Position of transmitting antenna co-ordinates	Elevation of DME transmitting antenna	Remarks
			Winter # and by arrangement	Summer # and by arrangement			
1	2	3	4		5	6	7
LOC 31 W3.1° (2009) ILS CAT I	I PLY	109.50 MHz	0630-2230 #	0530-2100 #	502533.77N 0040649.80W		3.5° ILS Ref Datum Hgt 40 ft.  On AD. Range 20 nm.  On AD. Freq paired with ILS I PLY Zero range is indicated THR Runway 31.  On AD. DOC 25 nm/4000 ft.
GP	I PLY	332.60 MHz			502518.54N 0040604.92W		
L	PY	396.5 kHz			502527.64N 0040644.51W		
DME	I PLY	Ch 32X (109.50 MHz)			502527.67N 0040642.85W	494 ft amsl	
VDF	Plymouth Approach/ Tower	133.550 MHz 118.150 MHz			502511.92N 0040605.98W		

## EGHD AD 2.20 — LOCAL TRAFFIC REGULATIONS

### 1. Airport Regulations

- a. The use of this aerodrome by turbo-jet aircraft is subject to prior permission of the Airport Director or his representative.
- b. All aircraft using Plymouth Airport and its facilities are required to have third party liability insurance cover of not less than £1,000,000.
- c. Not available to aircraft unable to communicate by radio with ATC.
- d. Pilots entering the UK from outside the Common Travel Area are reminded that they must comply with United Kingdom Border Agency (UKBA) Immigration Regulations, prior to departure, by completing and submitting a General Aviation Report (GAR) Form direct to the UKBA via e-mail. The Plymouth UKBA e-mail address is: [INDUKISPLYMOUTHShippingList@homeoffice.gsi.gov.uk](mailto:INDUKISPLYMOUTHShippingList@homeoffice.gsi.gov.uk) and a copy of the GAR Form is available for download from the Plymouth City Airport website at [plymouthairport.com](http://plymouthairport.com).

### 2. Ground Movement

- a. The use of reverse thrust for aircraft parking is not permitted.
- b. Light aircraft parking is normally on the western end, ie tarmac covered part, of the main apron.
- c. Due to limited apron parking spaces, light aircraft and helicopters may be directed by ATC to park on adjacent grass areas.
- d. Start-up clearance must be requested from ATC.
- e. Compass base, class 1, on the northeastern turning circle on Taxiway C, by arrangement with ATC charges per half hour.
- f. Due to downslope, pilots of aircraft directed by ATC to park on the tarmac light aircraft parking area or Stand 5 are to ensure that chocks are used and subsequently removed to the container after use.
- g. Pilots are to exercise caution when manoeuvring on the apron as wing-tip clearance from parked vehicles and other aircraft is not assured.
- h. Pilots using the grass light aircraft parking area are, after parking, to contact ATC using the telephone on the northeast edge of the parking area to obtain permission for their passengers and themselves to use the pedestrian route across Taxiway C delineated by green lines on the apron.

### 3. CAT II/III Operations

Not applicable

### 4. Warnings

- a. Surface gradients in excess of 2.4% are present in the SW corner of the aerodrome.
- b. Runway 31 undershoot Runway End Safety Area (RESA) is limited to 18 m only.
- c. In strong wind conditions' windshear and turbulence may be experienced on the approach to or climb out from any runway. Downdraught effect and sudden changes in wind velocity are possible in light wind conditions.
- d. Significant differences may occur between the surface wind velocity reported by ATC and the actual wind at approximately 100 ft aal.
- e. Pilots are reminded of the proximity of Restricted Area EG R002 (Devonport) 3 nm southwest of the aerodrome.
- f. Wildlife on the aerodrome is liable to cross the runways at anytime.
- g. Small flocks of wood pigeons, with peaks of up to 500 birds per hour, regularly cross the aerodrome at up to 200 ft agl, usually in the area of Runway 31 TDZ.

### 5. Helicopter Operations

- a. Rescue and Police helicopter flights may take place at any time outside the published hours of the aerodrome.
- b. Helicopters must use the runways for take-off and landings and when taxiing.
- c. Designated helicopter parking circles on the grass between the apron and Taxiway C.

### 6. Use of Runways

- a. Runway 31 is the preferential runway and in zero wind conditions is to be used.
- b. Aircraft 'going around' from an instrument approach on Runway 31 with the intention of visually manoeuvring on to Runway 13 shall turn right from the overshoot and then left downwind for Runway 13, unless instructed otherwise by ATC.
- c. Minimum approach angle of 3.75° (as indicated by the PAPIs) must be strictly adhered to when using Runway 13 due to vehicles on road within the undershoot area.
- d. More than one runway may be lighted and in use at any one time.
- e. Circuit directions left hand Runway 13, right hand Runway 31 or as directed by ATC. Normal circuit height is 1000 ft QFE.
- f. Runway departure restriction: except where a public transport operator has lower State authorised take-off minima, the Aerodrome Authority cannot approve departures in RVR conditions of less than 400 m.

### 7. Training

- a. Use of ILS, NDB or VDF for training by arrangement with ATC and subject to IFR and scheduled aircraft movements. Available Mon-Fri only.
- b. Training by helicopters is prohibited at all times.
- c. No circuit training flights are permitted after 2000 (local) Mon-Fri or Sat, Sun and PH all day, except by special arrangement and with prior permission of the Airport Director.

**EGHD AD 2.21 — NOISE ABATEMENT PROCEDURES**

All aircraft inbound to or outbound from this aerodrome are required to conform to the following procedures, notwithstanding that these may at any time be departed from to the extent necessary for avoiding immediate danger.

- a. Every operator of aircraft using the aerodrome shall ensure at all times that aircraft are operated in a manner calculated to cause the least disturbance practicable in areas surrounding the airport.
- b. Aircraft shall not join the final approach track to any runway at a height of less than 1000 ft QFE and should not descend below the PAPI indicated approach slope.
- c. On departure all turbo-jet aircraft must climb straight ahead to a minimum altitude of 2500 ft QNH before commencing any turn, or as directed by ATC.
- d. On departure all turbo-prop and twin piston engined aircraft must climb straight ahead to a minimum altitude of 1500 ft QNH before commencing any turn, or as directed by ATC.
- e. To reduce noise impact, aircraft should use the full runway length for take-off, unless otherwise directed by ATC.
- f. To minimise disturbance in areas adjacent to the airport, Pilots are requested to avoid the use of reverse thrust after landing, consistent with safe operation of the aircraft especially between 2000 and 2230 (local).
- g. Noise from ground running of aircraft engines is controlled in accordance with instructions issued by Plymouth City Airport Ltd.
- h. Aerobatic manoeuvres and low flypasts are prohibited at this airport unless the aircraft are participating in an organised flying display.
- i. Single piston engined aircraft making an instrument departure are to climb straight ahead to a minimum altitude of 1500 ft QNH before commencing any turn, or as directed by ATC.

**EGHD AD 2.22 — FLIGHT PROCEDURES**

**1. Instrument Approach Procedures**

- a. Instrument Approach Procedures (IAP) for this aerodrome are established outside controlled airspace. See ENR 1.5.

**2. Approach Radar Service**

- a. An Approach Radar Service is not available from Plymouth ATC. Plymouth Military Radar (callsign 'Plymouth Mil') located at Devonport Dockyard can, subject to capacity, provide a LARS during notified hours of operation. Mon-Thu 0800-1700, Fri 0800-1400 (winter), Mon-Thu 0700-1600, Fri 0700-1300 (summer), Tel: 01752-557808.

**3. Visual Reference Points (VRP)**

- a. Visual Reference Points are established for use by aerodrome and en-route traffic as follows.

VRP	Co-ordinates	VOR/DME Fix
Avon Estuary	501700N 0035300W	BHD 248°/16.5 nm
Ivy Bridge	502305N 0035506W	BHD 270°/16.3 nm
Saltash Roundabout (Junc A388/A38)	502508N 0041405W	BHD 275°/28.5 nm
Yelverton Roundabout (A386)	502931N 0040513W	BHD 287°/23.4 nm
Marsh Mills Roundabout (A38)	502328N 0040513W	BHD 271°/12.3 nm

**EGHD AD 2.23 — ADDITIONAL INFORMATION**

Not applicable

**EGHD AD 2.24 — CHARTS RELATED TO THE AERODROME**

Chart Name	Page
Aerodrome Chart - ICAO	AD 2-EGHD-2-1
Instrument Approach Chart NDB(L)/DME RWY 13 – ICAO	AD 2-EGHD-8-1
Instrument Approach Chart ILS/DME RWY 31 – ICAO	AD 2-EGHD-8-2
Instrument Approach Chart LOC/DME RWY 31 – ICAO	AD 2-EGHD-8-3
Instrument Approach Chart Direct Arrivals to ILS/DME RWY 31 – ICAO	AD 2-EGHD-8-4
Instrument Approach Chart RNAV (GNSS) RWY 31 – ICAO	AD 2-EGHD-8-5
Instrument Approach Chart NDB(L)/DME RWY 31 – ICAO	AD 2-EGHD-8-6
Instrument Approach Chart Direct Arrivals to NDB(L) RWY 31 – ICAO	AD 2-EGHD-8-7
Instrument Approach Chart VDF RWY 31 – ICAO	AD 2-EGHD-8-8
Aerodrome Obstacle Chart ICAO Type A is available for this aerodrome. For details refer to GEN 3.2.5	

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