

EGHE — SCILLY ISLES/ST MARYS

EGHE AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGHE — SCILLY ISLES/ST MARYS

EGHE AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 495447.83N Long: 0061730.33W Midpoint of Runway 14/32.
2	Direction and distance from city	1 nm E of Hugh Town.
3	Elevation / Reference temperature	116 ft / 18 C
4	Geoid undulation at AD ELEV PSN	174 FT
5	Magnetic Variation/ Annual Change	2.52°W (2017) / 0.15°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	COUNCIL OF THE ISLES OF SCILLY. Post: St Mary's Airport, St Mary's, Isles of Scilly, TR21 0NG. Phone: 01720-424335 Fax: 01720-424337 Email: atc@phonecoop.coop AFS: EGHEZTZ
7	Type of Traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	

EGHE AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: Mon-Fri 0815-1215, 1315-1730; Sat 0815-1215. Summer: Mon-Sat 0700-1730.
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	As AD hours. See also AD 2.18.
8	Fuelling	
9	Handling	On request via ATC.
10	Security	
11	De-icing	
12	Remarks	This aerodrome is strictly PPR by telephone only.

EGHE AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	For details Tel: 01720-424335.
2	Fuel and oil types	
3	Fuelling facilities/capacity	
4	De-icing facilities	
5	Hangar space for visiting aircraft	
6	Repair facilities for visiting aircraft	
7	Remarks	

EGHE AD 2.5 PASSENGER FACILITIES

1	Hotels	In vicinity.
2	Restaurants	Bar and Buffet.
3	Transportation	Taxis by arrangement.
4	Medical facilities	Wheelchair available.
5	Bank and Post Office	In Hugh Town.
6	Tourist Office	In Hugh Town.
7	Remarks	

EGHE AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	RFF Category A3
2	Rescue equipment	
3	Capability for removal of disabled aircraft	Aircraft can be removed by outside contractor by arrangement with Airport Authority/ATC.
4	Remarks	

EGHE AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

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

EGHE 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	Painted surface guide lines and stand numbers to/from each designated aircraft stand.
2	Runway and taxiway markings and lighting	Runway light(s): : Runway guard lights and backlit holding point designator signs at each aircraft runway holding point.
3	Stop bars	
4	Remarks	Apron edge designated by blue reflective Linlaner markers. Illuminated windsock.

EGHE AD 2.10 AERODROME OBSTACLES

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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
(EGHE1015)	Light House	495843.79N 0061923.54W	209.25 ft	130.6 ft	No	
(EGHE1026)	TV Mast	495556.79N 0061819.25W	398.98 ft	283 ft	Yes Red	
(EGHE1027)	Mast	495545.32N 0061813.31W	271.97 ft	111 ft	No	
(EGHE1030)	Mast	495542.55N 0061810.05W	218.98 ft	62 ft	No	
(EGHE1039)	VHF Aerial	495451.45N 0061741.55W	160.5 ft	47 ft	No	
(EGHE1017)	Chimney	495449.48N 0061836.11W	167.24 ft	124.29 ft	No	

EGHE AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	MET OFFICE EXETER.
2	Hours of service MET Office outside hours	As per operational hours.
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.
6	Flight documentation Language(s) used	English.
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.)	

EGHE 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
14	139.40°	695 x 23 m	RWY surface: Asphalt.	495455.21N 0061740.14W 174 ft	THR 104 ft
32	319.40°	695 x 23 m	RWY surface: Asphalt.	495440.45N 0061720.54W 174 ft	THR 82 ft
09	087.10°	523 x 18 m	RWY surface: Asphalt.	495447.80N 0061743.44W 174 ft	THR 103 ft
27	267.10°	523 x 18 m	RWY surface: Asphalt.	495448.62N 0061718.36W 174 ft	THR 105 ft

EGHE AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS (continued)

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
RWY 14 -1:105 Down RWY 32 1:105 Up			See Remark		<p>RWY 14</p> <p>Starter extension of 13 m.</p> <p>The first 100 m of Runway 14 rises at a 1:32 gradient (3.1%).</p> <p>The first 300 m of Runway 32 rises at a 1:30 gradient (3.3%).</p> <p>Threshold inset 34 m.</p> <p>Strip Dimensions: 667 x 60 m</p>
RWY 14 -1:105 Down RWY 32 1:105 Up			See Remark		<p>RWY 32</p> <p>Starter extension of 38 m.</p> <p>The first 100 m of Runway 14 rises at a 1:32 gradient (3.1%).</p> <p>The first 300 m of Runway 32 rises at a 1:30 gradient (3.3%).</p> <p>Threshold inset 60 m.</p> <p>Strip Dimensions: 694 x 150 m</p>
RWY 09 -1:520 Down RWY 27 1:520 Up			See Remark		<p>RWY 09</p> <p>The first 100 m of Runway 09 rises at a 1:20 gradient (5%).</p> <p>The first 100 m of Runway 27 rises at a 1:23 gradient (4.3%).</p> <p>Strip Dimensions: 582 x 60 m</p>
RWY 09 -1:520 Down RWY 27 1:520 Up			See Remark		<p>RWY 27</p> <p>The first 100 m of Runway 09 rises at a 1:20 gradient (5%).</p> <p>The first 100 m of Runway 27 rises at a 1:23 gradient (4.3%).</p> <p>Threshold inset 21 m.</p> <p>Strip Dimensions: 591 x 150 m</p>

EGHE AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
09	523 m	523 m	523 m	523 m	
27	510 m	510 m	510 m	501 m	
14	623 m	623 m	623 m	603 m	
32	647 m	647 m	647 m	603 m	

EGHE 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
09		RTILs, Variable HI elevated Green wingbars	PAPI Left/3.5° 15 ft			HI White	Variable HI elevated Red		
27	Other type of approach lighting system.	RTILs, Variable HI elevated Green wingbars.	PAPI Left/3.5° 15 ft			HI White	Variable HI elevated Red		Approach Lighting: Three HI Sequenced Strobes 80 m apart to 80 m before threshold.
14		RTILs, Variable HI elevated Green wingbars	PAPI Left/3.5° 15 ft			Variable HI elevated White	Variable HI elevated Red wingbars		
32		RTILs, Variable HI elevated Green wingbars	PAPI Left/3.5° 15 ft			Variable HI elevated White	Variable HI elevated Red wingbars		

EGHE AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	IBN: SCILLY ISLES/ST MARY'S Flashing Green 'SC' - VCR roof.
2	LDI location and lighting Anemometer location and lighting	Anemometer: 495443.45N 0061730.01W
3	TWY edge and centre line lighting	
4	Secondary power supply/switch-over time	Diesel Generator 10 S
5	Remarks	Apron floodlighting.

EGHE AD 2.16 HELICOPTER LANDING AREA

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EGHE 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
SCILLY ISLES/ST MARYS ATZ A circle, 2 nm radius centred at 495448N 0061730W on longest notified runway (14/32)	Upper limit: 2000 ft Lower limit: SFC	G	SCILLIES APPROACH English	3000 ft	

EGHE AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
APP	SCILLIES APPROACH	124.875 MHz DOC 40 nm/10,000 ft.	Winter: Mon-Fri 0815-1215, 1315-1730; Sat 0815-1215. Summer: Mon-Sat 0700-1730.	ATZ hours coincident with Approach hours. VDF 495442.91N 0061732.73W
TWR	SCILLIES TOWER	124.875 MHz DOC 40 nm/10,000 ft.	Winter: Mon-Fri 0815-1215, 1315-1730; Sat 0815-1215. Summer: Mon-Sat 0700-1730.	VDF 495442.91N 0061732.73W

EGHE AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES (continued)

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
Other	SCILLIES FIRE	121.600 MHz Fire frequency. Non-ATS frequency.	Available when Fire vehicle attending aircraft on the ground in an emergency.	

EGHE AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of Aid CAT of ILS/MLS (For VOR/ILS/MLS, give VAR)	Ident	Frequency	Hours of Operation	Position of transmitting antenna co-ordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB (L)	STM	321.000 kHz	Winter: Mon-Fri 0815-1215, 1315- 1730; Sat 0815- 1215. Summer: Mon-Sat 0700- 1730.	495450.74N 0061727.99W		On AD. Range 15 nm. Normally radiates H24.

EGHE AD 2.20 LOCAL TRAFFIC REGULATIONS

1 Airport Regulations

- (a) Flight Plans should be filed for all flights to and from Scilly Isles/St Mary's aerodrome.
- (b) This aerodrome is closed to aircraft on Sundays, except departures only may be permitted during 1500-1600 (local) and by arrangement.
- (c) Non-radio aircraft not accepted.

2 Ground Movement

Not applicable

3 CAT II/III Operations

Not applicable

4 Warnings

- (a) Pilots should exercise extreme caution when landing or taking-off at this aerodrome, which is markedly hump-backed. The gradients increase to as much as 1 in 13 at runway ends.
- (b) A perimeter road runs around the northern part of the aerodrome and the vehicular traffic is liable to cross the approach to Runway 14.
- (c) Locally based aircraft activity may take place outside of published hours, also SAR aircraft, air ambulance and Trinity House (Bond) Helicopters.
- (d) Runway 14 PAPI signals are visible to the east of the runway extended centre-line where normal obstacle clearance is not guaranteed. They should only be used when the aircraft is aligned with the runway.
- (e) Pilots of aircraft are cautioned to exercise great care when using the Runway 32 end turning circle due to the reduced clearance to the south-south-east where a granite outcrop inhibits the provision of normal taxiway clearances; consequently the reverse turn to line-up on Runway 32 should be commenced as soon as is practicable.
- (f) Turbulence and/or windshear may affect the final half mile of approaches to all runways and may be increased by valley effect and/or structures when using Runways 09, 14 or 27.
- (g) Buildings 28 ft aal adjacent to the northeast boundary.
Building (Lgt) 37 ft aal adjacent to the northwest boundary.
- (h) Footpath crosses the Runway 32 turning circle controlled by traffic lights, pedestrians liable to cross the undershoot.

5 Helicopter Operations

Not applicable

EGHE AD 2.20 LOCAL TRAFFIC REGULATIONS (continued)**6 Use of Runways**

Not applicable

7 Training

Not applicable

EGHE AD 2.21 NOISE ABATEMENT PROCEDURES

Not applicable

EGHE AD 2.22 FLIGHT PROCEDURES**1 Lands End Transit Corridor**

- (a) Passenger carrying flights regularly take place between Lands End Aerodrome and Scilly Isles/St Mary's Aerodrome. The flights, by both fixed-wing and helicopter aircraft, operate throughout the year but are particularly frequent during the holiday period March to October.
- (b) The aircraft operate within a corridor centred on the direct track from Penzance to Scilly Isles/St Mary's, mainly in the height band from the surface to 3500 ft. Aircraft operating under VFR may be asked to follow the northern (R254 LND) or southern (Track 254°M) route according to traffic and/or weather conditions in the corridor.
- (c) In addition, the airspace is also used by helicopters operating on behalf of Trinity House servicing the lighthouses in the area. These operations often entail the carrying of underslung loads which reduces aircraft manoeuvrability.
- (d) The corridor extends from the surface to 4000 ft within the area bounded by lines joining:
500200N 0053000W - 494924N 0061338W thence clockwise by the arc of a circle radius 6 nm centred on 495451N 0061728W (NDB(L) STM) to 500028N 0062042W - 501733N 0053000W - 500200N 0053000W.
- (e) The corridor lies within an area where considerable military helicopter and fixed-wing activity takes place. Pilots of aircraft intending to transit the **Lands End Transit Corridor** depicted at AD 2-EGHE-3-1 are strongly recommended to contact either Lands End ATC on 120.250 or St Mary's ATC on frequency 124.875 MHz 10 nm before the corridor boundary. Pilots of aircraft transiting the Culdrose AIAA should contact Culdrose ATC on frequency 134.050 MHz.

2 Instrument Approach Procedures

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

3 Visual Reference Points (VRP)

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

VRP	Co-ordinates
Pendeen Lighthouse	500955N 0054019W
St Martins Head (red and white daymark)	495759N 0061558W

EGHE AD 2.23 ADDITIONAL INFORMATION

Not applicable

EGHE AD 2.24 CHARTS RELATED TO AN AERODROME

Figure: AERODROME CHART - ICAO

AD 2-EGHE-2-1

Figure: LANDS END TRANSIT CORRIDOR CHART

AD 2-EGHE-3-1

Figure: INSTRUMENT APPROACH CHART NDB(L) RWY 27 (ACFT CAT A) - ICAO

AD 2-EGHE-8-1

Figure: INSTRUMENT APPROACH CHART NDB(L) RWY 32 (ACFT CAT A) - ICAO

AD 2-EGHE-8-2