EGHC — LANDS END

EGHC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGHC — LANDS END

EGHC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 500609.73N Long: 0054014.09W Mid-point of Runway 16/34
2	Direction and distance from city	5 nm W of Penzance.
3	Elevation / Reference temperature	398 ft / 18 C
4	Geoid undulation at AD ELEV PSN	174 FT
5	Magnetic Variation/ Annual Change	2.32°W (2017) / 0.15°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	LANDS END AIRPORT LTD Post: Lands End Aerodrome, St. Just, Cornwall, TR19 7RL. Phone: 01736-788771 (Operator) Phone: 01736-788944 (ATC) Fax: 01736-788366 (Admin) Fax: 01736 786450 (ATC)
7	Type of Traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	

EGHC AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: Mon-Fri 0815-1730; and by arrangement. Sat (Oct-Jan) 0815-1215, (Feb-Mar) 0815-1730; and by arrangement. Sunday closed. Summer: Mon-Sat 0645-1730; and by arrangement. Sunday closed.
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	As AD hours.
9	Handling	
10	Security	
11	De-icing	
12	Remarks	This aerodrome is **PPR** by telephone.

EGHC AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	
2	Fuel and oil types	AVGAS 100LL AVTUR Jet A1. (PPR by telephone). 80, W80, W100
3	Fuelling facilities/capacity	
4	De-icing facilities	
5	Hangar space for visiting aircraft	
6	Repair facilities for visiting aircraft	
7	Remarks	Scheduled traffic will be given priority when refuelling. There may be a short delay to visiting aircraft.

EGHC AD 2.5 PASSENGER FACILITIES

1	Hotels	
2	Restaurants	Airport Cafe.
3	Transportation	Bus.
4	Medical facilities	
5	Bank and Post Office	
6	Tourist Office	
7	Remarks	

EGHC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	RFF Category A3
2	Rescue equipment	Aerodrome Tractor and 4x4 vehicle (up to approx 3,000 kg MTWA).
3	Capability for removal of disabled aircraft	
4	Remarks	RFF Category 3 Mon-Sat.

EGHC AD 2.7 SEASONAL AVAILABILITY - CLEARING

EGHC 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	Taxiway ALPHA: 10.5 m. Surface: Asphalt. Taxiway BRAVO: 10.5 m. Grass Matting
3	Altimeter checkpoint location and elevation	
4	VOR checkpoints	
5	INS checkpoints	
6	Remarks	

EGHC 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	Aircraft are directed by ATC. Six Parking Bays plus a helipad are marked on the Main Apron. Visiting aircraft parking is indicated on the AD Chart.
2	Runway and taxiway markings and lighting	**Runway marking aid(s):** 07/25: Runway 07: Runway designation, centre-line. Runway 25: Runway designation, displaced threshold, centre-line. 16/34: Runway 16: Runway designation, displaced threshold, centre-line. Runway 34: Runway designation, centre-line. **Runway light(s):** : 16/34 and 07/25: Runway edge, threshold, stop-end, APAPI and RTILs. **Taxiway marking aid(s):** ALPHA: Yellow centre-line, taxiway holding position. **Taxiway light(s):** : Guard lights and lit information signs on Taxiway Alpha and Bravo.
3	Stop bars	
4	Remarks	Wind Direction Indicator (Lgtd).

EGHC 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**
(EGHC1067) 02/APPROACH 20/TAKE-OFF	Trees	500602.16N 0054029.56W	397 ft	33 ft	No	
(EGHC1066) 02/APPROACH 20/TAKE-OFF	Trees	500601.44N 0054029.50W	396 ft	33 ft	No	
(EGHC1007) 07/APPROACH 25/TAKE-OFF	Vehicles on Road	500605.43N 0054045.86W	367 ft	14 ft	No	
(EGHC1057) 12/APPROACH 30/TAKE-OFF	Vehicles on Road	500611.11N 0054031.87W	400 ft	14 ft	No	
(EGHC1117) 16/APPROACH 34/TAKE-OFF	Aerial	500624.79N 0054020.31W	422 ft	43 ft	No	
(EGHC1129) 16/APPROACH 34/TAKE-OFF	Tree	500624.58N 0054019.53W	422 ft	36 ft	No	
(EGHC1119) 16/APPROACH 34/TAKE-OFF	Tree	500623.60N 0054020.07W	408 ft	23 ft	No	
(EGHC1089) 16/APPROACH 34/TAKE-OFF	Building	500621.37N 0054025.67W	398 ft	25 ft	No	
(EGHC1154) 20/APPROACH 02/TAKE-OFF	Vehicles on Road	500621.73N 0054015.86W	404 ft	14 ft	No	
(EGHC1182) 25/APPROACH 07/TAKE-OFF	Vehicles on Road	500615.06N 0054009.47W	409 ft	14 ft	No	
(EGHC1184) 25/APPROACH 07/TAKE-OFF	Fence	500614.45N 0054009.24W	398 ft	3 ft	No	
(EGHC1191) 34/APPROACH 16/TAKE-OFF	Telegraph Pole	500547.82N 0054006.03W	415 ft	26 ft	No	
(EGHC1197) 12/TAKE-OFF	Building	500603.01N 0054005.67W	406 ft	13 ft	No	
(EGHC1274) 12/TAKE-OFF	High Ground	500546.10N 0053919.06W	605 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**
(EGHC1264)	Mast	500826.25N 0053951.91W	834 ft	190 ft	No	
(EGHC1280)	Water Tower	500711.10N 0053900.63W	709 ft	118 ft	No	
(EGHC1027)	Reservoir	500710.73N 0054041.76W	524 ft		No	
(EGHC1238)	Mast	500710.27N 0054003.88W	555 ft	56 ft	No	
(EGHC1286)	Mast	500703.81N 0053848.33W	726 ft	85 ft	Yes	
(EGHC1282)	Trees	500655.51N 0053854.10W	611 ft	33 ft	No	
(EGHC1275)	Building	500646.01N 0053922.80W	517 ft	34 ft	No	
(EGHC1278)	Chimney	500633.64N 0053901.37W	622 ft	33 ft	No	
(EGHC1287)	Trig Pillar	500624.28N 0053843.37W	740 ft	4 ft	No	
(EGHC1288)	High Ground	500612.83N 0053837.29W	627 ft		No	
(EGHC1270)	High Ground	500608.55N 0053929.22W	519 ft		No	
(EGHC1281)	High Ground	500604.78N 0053850.94W	572 ft		No	
(EGHC1272)	High Ground	500544.62N 0053927.03W	626 ft		No	

EGHC 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.)	

EGHC 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**
16	158.21°	784 x 18 m	RWY surface: Asphalt.	500618.48N 0054019.52W 174 ft	THR 382.49 ft
34	338.22°	784 x 18 m	RWY surface: Asphalt.	500557.94N 0054006.77W 174 ft	THR 385.65 ft
07	064.73°	693 x 18 m	RWY surface: Asphalt.	500605.28N 0054043.04W 174 ft	THR 357.08 ft
25	244.74°	693 x 18 m	RWY surface: Asphalt.	500613.98N 0054014.37W 174 ft	THR 388.99 ft
02	019.64°	483 x 19 m	RWY surface: Grass.	500604.05N 0054027.36W 174 ft	THR 379.43 ft
20	199.64°	483 x 19 m	RWY surface: Grass.	500617.61N 0054019.84W 174 ft	THR 381.69 ft
12	112.73°	478 x 18 m	RWY surface: Grass.	500609.00N 0054028.28W 174 ft	THR 384.58 ft
30	292.73°	478 x 18 m	RWY surface: Grass.	500603.76N 0054008.85W 174 ft	THR 396 ft

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	**8**	**9**	**10**	**11**	**12**
RWY 16 1:1170 Up RWY 34 -1:1170 Down			See Remark		RWY 16 Threshold displaced by 101 m. **Strip Dimensions:** 904 x 150 m
RWY 16 1:1170 Up RWY 34 -1:1170 Down		60 x 150 m	See Remark		RWY 34 **Strip Dimensions:** 844 x 150 m
RWY 07 1:66 Up RWY 25 -1:66 Down			753 x 60 m		RWY 07

EGHC 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 07 1:66 Up RWY 25 -1:66 Down			753 x 60 m		RWY 25 Threshold displaced by 63 m.
RWY 02 1:338 Up RWY 20 -1:338 Down			543 x 60 m		RWY 02 Threshold displaced by 11 m.
RWY 02 1:338 Up RWY 20 -1:338 Down			543 x 60 m		RWY 20 Threshold displaced by 28 m.
RWY 12 -1:141 Down RWY 30 1:141 Up			538 x 60 m		RWY 12 Threshold displaced by 60 m.
RWY 12 -1:141 Down RWY 30 1:141 Up			538 x 60 m		RWY 30 Runway 30 is for take-off only.

EGHC AD 2.13 DECLARED DISTANCES

Runway desig-nator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
16	784 m	784 m	784 m	683 m	
34	724 m	784 m	724 m	724 m	
07	693 m	693 m	693 m	693 m	
25	693 m	693 m	693 m	630 m	
02	483 m	483 m	483 m	472 m	
20	483 m	483 m	455 m	483 m	
12	478 m	478 m	478 m	418 m	
30	478 m	478 m	478 m		Not licensed for landing.

EGHC 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
16		Green Wingbars	APAPI/ 3.5° 30 ft			HI elevated omni-directional	Stop End Red		**Approach lighting:** RTIL Strobes either side of landing threshold. **APAPI Distance from THR:** 128 m.
34		Green.	APAPI/ 3.5° 30 ft			HI elevated omni-directional	Stop End Red		**Approach lighting:** RTIL Strobes either side of landing threshold. **APAPI Distance from THR:** 120 m.
07		Green.	APAPI/ 3.5° 30 ft			HI elevated omni-directional	Stop End Red		**Approach lighting:** RTIL Strobes either side of landing threshold. **APAPI Distance from THR:** 88 m.
25		Green Wingbars	APAPI/ 4.5° 30 ft			HI elevated omni-directional	Stop End Red		**Approach lighting:** RTIL Strobes either side of landing threshold. **APAPI Distance from THR:** 135 m.

EGHC AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: LANDS END Flashing White
2	LDI location and lighting Anemometer location and lighting	Anemometer: 500603.42N 0054019.18W (Lgtd).
3	TWY edge and centre line lighting	Taxiway: . Edge. Blue edge linlaners on Taxiway Alpha and Bravo.
4	Secondary power supply/switch-over time	Yes - Diesel Generator. Auto Switch-over within 15 seconds. Portable battery back-up AGL System.
5	Remarks	Main apron floodlighting. Blue edge linlaners on main apron. Holding points Alpha and Bravo both have lit holding point signs and wig-wags.

EGHC AD 2.16 HELICOPTER LANDING AREA

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EGHC 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
LANDS END ATZ A circle, 2 nm radius centred at 500610N 0054014W on longest notified runway (16/34)	Upper limit: 2000 ft Lower limit: SFC	G	LANDS END TOWER English		

EGHC AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
TWR	LANDS END TOWER	120.250 MHz DOC 25 nm/4,000 ft.	Winter: Mon-Fri 0815-1730; and by arrangement. Sat (Oct-Jan) 0815-1215, (Feb-Mar) 0815-1730; and by arrangement. Sunday closed. Summer: Mon-Sat 0645-1730; and by arrangement. Sunday closed.	ATZ hours coincident with Tower hours. Mon-Sat summer hours may be extended to 0630-1800 at peak periods.
Other	LANDS END FIRE	121.600 MHz Non-ATS frequency.	Available when Fire vehicle attending aircraft on the ground in an emergency	

EGHC AD 2.19 RADIO NAVIGATION AND LANDING AIDS

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EGHC AD 2.20 LOCAL TRAFFIC REGULATIONS

1 Airport Regulations

(a) Non-radio aircraft not accepted.

(b) High visibility clothing must be worn on the apron and manoeuvring area at all times, except for passengers under escort.

2 Ground Movement

(a) Aircraft entering the apron for AVGAS will park as directed by ATC. Refuelling is a self service system and instructions are displayed on the pump. As soon as refuelling is complete, pilots must immediately call ATC to reposition the aircraft.

(b) Pilots are to request ATC clearance for engine start.

3 CAT II/III Operations

Not applicable

4 Warnings

(a) Some parts of the manoeuvring area are undulating.

(b) A public footpath tracks within the aerodrome boundary in the vicinity of the Runway 02 undershoot.

(c) This aerodrome is prone to rapid changes in meteorological conditions.

(d) Turbulence and windshear may be expected at lower levels of all approaches but particularly on approaches to Runways 02, 07 and 12 due to high cliffs and orographic effect.

(e) The ATC Tower infringes the 1.10 surface from the Runway 16/34 centre-line by 0.9 m.

(f) Model aircraft, kite activities and live shooting (rabbit control) may take place outside of aerodrome hours.

(g) Some parts of the manoeuvring area may suffer damage caused by rabbits.

(h) Cables on 30 ft poles near boundary between northwest through north to southeast.

(i) Use of the RNAV procedures is strictly PPR from the Aerodrome Authority. Pilots should note that they must be appropriately qualified to fly the GNSS Approaches at Land's End (ie they must hold an IMC (or European equivalent) or IR rating which has included a specific module on GNSS Approaches).

5 Helicopter Operations

Not applicable

6 Use of Runways

(a) Departures and arrivals will not be permitted for fixed wing aircraft unless the whole of the runway to be used is clearly visible to the duty ATCO.

(b) Departures and arrivals will not be permitted for helicopters when the reported visibility is less than 400 m.

EGHC AD 2.20 LOCAL TRAFFIC REGULATIONS (continued)

7 Training

Not applicable

EGHC AD 2.21 NOISE ABATEMENT PROCEDURES

Not applicable

EGHC AD 2.22 FLIGHT PROCEDURES

1 Lands End Transit Corridor

(a) Passenger carrying flights operating between Lands End Aerodrome and Scilly Isles/St Mary's Aerodrome operate within a corridor **'Lands End Transit Corridor'** centred on a direct track from Lands End to Scilly Isles from the SFC to 4000 ft ALT. Pilots intending to transit the **'Lands End Transit Corridor'** are strongly recommended to contact either St Mary's ATC on 124.875 MHz or Lands End ATC on 120.250 MHz 10 nm before the corridor boundary. Pilots of aircraft transiting the Culdrose AIAA should contact Culdrose ATC on 134.050 MHz. Refer to EGHE AD 2.22 and chart at page AD 2-EGHE-3-1.

(b) Pilots intending to transit the **'Lands End Transit Corridor'** are strongly recommended to contact either St Mary's ATC on 124.875 MHz or Lands End ATC on 120.250 MHz 10 nm before the corridor boundary. Pilots of aircraft transiting the Culdrose AIAA should contact Culdrose ATC on 134.050 MHz. Refer to AD 2-EGHC-3-1.

(c) Aircraft operating under VFR may be asked to follow the Northern (R254 LND) route according to traffic and/or weather conditions in the Corridor.

2 Circuit Directions

(a) Circuit direction is normally left hand. More than one runway may be in use and pilots are to be aware that the circuit direction may be varied by ATC.

EGHC AD 2.23 ADDITIONAL INFORMATION

Not applicable

EGHC AD 2.24 CHARTS RELATED TO AN AERODROME

Figure: AERODROME CHART - ICAO

AD 2-EGHC-2-1

Figure: AIRCRAFT PARKING/DOCKING CHART - ICAO

AD 2-EGHC-2-2

Figure: LANDS END TRANSIT CORRIDOR

AD 2-EGHC-3-1

Figure: INSTRUMENT APPROACH CHART RNAV (GNSS) RWY 07 (ACFT CAT A ONLY) - ICAO

AD 2-EGHC-8-1

Figure: INSTRUMENT APPROACH CHART RNAV (GNSS) RWY 16 (ACFT CAT A ONLY) - ICAO

AD 2-EGHC-8-2

Figure: INSTRUMENT APPROACH CHART RNAV(GNSS) RWY 25 (ACFT CAT A ONLY) - ICAO

AD 2-EGHC-8-3

Figure: INSTRUMENT APPROACH CHART RNAV (GNSS) RWY 34 (ACFT CAT A ONLY) - ICAO

AD 2-EGHC-8-4

Figure: INSTRUMENT APPROACH PROCEDURE CODING TABLES RNAV (GNSS) RWY 07 - ICAO

AD 2-EGHC-8-5

Figure: INSTRUMENT APPROACH PROCEDURE CODING TABLES RNAV (GNSS) RWY 16 - ICAO

AD 2-EGHC-8-6

EGHC AD 2.24 CHARTS RELATED TO AN AERODROME (continued)

Figure: INSTRUMENT APPROACH PROCEDURE CODING TABLES RNAV (GNSS) RWY 25 - ICAO

AD 2-EGHC-8-7

Figure: INSTRUMENT APPROACH PROCEDURE CODING TABLES RNAV (GNSS) RWY 34 - ICAO

AD 2-EGHC-8-8

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