

EGTH — OLD WARDEN**EGTH AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

EGTH — OLD WARDEN

EGTH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 520512N Long: 0001907W Mid-point of Runway 03/21
2	Direction and distance from city	6 nm ESE Bedford
3	Elevation / Reference temperature	120 ft / 19 C
4	Geoid undulation at AD ELEV PSN	154 FT
5	Magnetic Variation/ Annual Change	0.65°W (2017) / 0.15°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	THE SHUTTLEWORTH COLLECTION Post: Shuttleworth Old Warden Aerodrome, Old Warden Park, Biggleswade, SG18 9EP. Phone: 01767-627927 Option 3 (PPR/Administration) Phone: 01767-627918 (Tower when manned) AFS: EGTH
7	Type of Traffic permitted (IFR/VFR)	VFR
8	Remarks	Aerodrome operates under a seasonal license.

EGTH AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: 1000-1500 or SS + 30 whichever is earlier. Summer: 0800-1600
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	By Arrangement
9	Handling	
10	Security	
11	De-icing	
12	Remarks	The aerodrome is strictly PPR. Based aircraft may operate outside normal hours

EGTH AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	
2	Fuel and oil types	AVGAS 100LL by arrangement
3	Fuelling facilities/capacity	
4	De-icing facilities	
5	Hangar space for visiting aircraft	By arrangement
6	Repair facilities for visiting aircraft	By arrangement
7	Remarks	

EGTH AD 2.5 PASSENGER FACILITIES

1	Hotels	Available locally.
2	Restaurants	During notified opening hours.
3	Transportation	
4	Medical facilities	
5	Bank and Post Office	Biggleswade Town
6	Tourist Office	
7	Remarks	

EGTH AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	RFF Category A2
2	Rescue equipment	
3	Capability for removal of disabled aircraft	
4	Remarks	RFF Category 2 (Display days and Special events only).

EGTH AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

1	Apron surface and strength	Surface: Grass.
2	Taxiway width, surface and strength	Taxiway : Surface: Grass.
3	Altimeter checkpoint location and elevation	Alongside Signal Square at base of the Tower
4	VOR checkpoints	
5	INS checkpoints	
6	Remarks	

EGTH 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	<p>Runway marking aid(s): 03/21: Runways are delineated by grass length. Runways marked in accordance with CAP 168 for a Code 1A runway. Surface marking only. No lighting. Caution: unmarked runways not available without special permission; corner marking only, no runway designators.</p> <p>Taxiway marking aid(s): : Taxiways are delineated by grass length.</p>
3	Stop bars	
4	Remarks	

EGTH 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 private road	520504N 0001913W	138 ft	18 ft	No	
03/21/APPROACH 21/03/TAKE-OFF	Trees	520533N 0001851W	160 ft		No	Trees intersect the 21 Approach and 03 Climb out.

EGTH AD 2.10 AERODROME OBSTACLES (continued)

In Approach/Take-off areas					
Obstacle ID/Designation	Obstacle Type	Obstacle Position	Elevation/Height		Obstruction Lighting Type/Colour
1	2	3	4	5	6
21/APPROACH 03/TAKE-OFF	Vehicles on public road	520524N 0001858W	120 ft		No

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EGTH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	MET OFFICE EXETER.
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.)	

EGTH 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	025.18°	518 x 21 m	RWY surface: Grass.	520504.80N 0001912.50W	THR 120 ft
21	205.18°	518 x 21 m	RWY surface: Grass.	520520.00N 0001900.90W	THR 105 ft
03X	025.18°	See remarks 03/21 x	RWY surface: Grass.	520459.00N 0001917.00W	THR 122 ft
21X	205.18°	See remarks 03/21 x	RWY surface: Grass.	520520.00N 0001900.90W	THR 105 ft

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
RWY 03 1.0% down RWY 21 1.0% up					RWY 03 A private road passes across the undershoot of Runway 03 and the climb out of Runway 21. Extreme caution should be exercised due to passing vehicle and pedestrian traffic.
RWY 03 1.0% down RWY 21 1.0% up					RWY 21 A private road passes across the undershoot of Runway 03 and the climb out of Runway 21. Extreme caution should be exercised due to passing vehicle and pedestrian traffic.

EGTH 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 03X Dimensions: 692 x 21 m Runway 03X/21X extension not available to visiting aircraft except on event days when Air Traffic is manned and College Road is controlled.
					RWY 21X Dimensions: 799 x 21 m Runway 03X/21X extension not available to visiting aircraft except on event days when Air Traffic is manned and College Road is controlled.

EGTH AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
03	518 m	518 m	608 m	518 m	Runway 03 has a downslope, the effective landing distance is reduced.
21	625 m	625 m	625 m	518 m	TORA, TODA, and ASDA include a starter extension of 107 m.
03X	692 m	692 m	692 m	692 m	
21X	799 m	799 m	799 m	692 m	TORA, TODA, and ASDA include a starter extension of 107 m.

EGTH 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									
21									
21X									
03X									

EGTH 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	

EGTH AD 2.16 HELICOPTER LANDING AREA

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EGTH 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
OLD WARDEN ATZ A circle, 2 nm radius centred at 520512N 0001907W on runway 03/21	Upper limit: 2000 ft aal	G	OLD WARDEN INFORMATION English	6000 ft	ATZ will be temporarily established by NOTAM. AFIS Hours will coincide but may also operate separately.

EGTH AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
AFIS	OLD WARDEN INFORMATION	130.700 MHz DOC 10 nm/3000 ft.	Display Days and Special Events	All aircraft to make calls to Old Warden Traffic outside of activated hours.

EGTH AD 2.19 RADIO NAVIGATION AND LANDING AIDS

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EGTH AD 2.20 LOCAL TRAFFIC REGULATIONS

1 Airport Regulations

- (a) PPR only, during opening hours. Opening hours are detailed on the Shuttleworth Collection website <http://www.shuttleworth.org>
- (b) Based operators may fly outside of notified hours.
- (c) A standard overhead join must be made.
- (d) Aircraft operators must transmit their intentions, including standard position reports, when Old Warden Information Service is not operational.

2 Ground Movement

- (a) Do not backtrack runways, vacate the runway to the North West.
- (b) Aircraft must be parked well clear of the end and sides of Runway 12/30 at the NW end where manoeuvring space is limited.
- (c) Old Warden Information Service can be visually identified as being operational when a flag is hoisted at the tower.

3 CAT II/III Operations

Not applicable

4 Warnings

- (a) Avoid overflying Home Farm immediately to the East of the aerodrome.
- (b) Birds of prey, including kites, in the vicinity.
- (c) Model aircraft may operate at times.
- (d) Non-radio aircraft may conduct flight trials or display practise. Visiting pilots must keep a good look out and remain clear until safe to join.

5 Helicopter Operations

- (a) Helicopters must land airside of spectator fence and join as per fixed wing operations.

EGTH AD 2.20 LOCAL TRAFFIC REGULATIONS (continued)

6 Use of Runways

- (a) Only Runway 03/21 is available to visiting aircraft. Other runways may be in use by based aircraft conducting test flights or practise display.

7 Training

- (a) No training permitted except with the written permission of the aerodrome owner.

EGTH AD 2.21 NOISE ABATEMENT PROCEDURES

Not applicable

EGTH AD 2.22 FLIGHT PROCEDURES

1 Circuits

- (a) Circuit Height: 800 ft.
- (b) Circuit Direction: Runway 21 LH, Runway 03 RH.
- (c) All aircraft to make a full overhead join to allow any model flying to cease.

EGTH AD 2.23 ADDITIONAL INFORMATION

Not applicable

EGTH AD 2.24 CHARTS RELATED TO AN AERODROME

Figure: AERODROME CHART – ICAO

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