

EGET — LERWICK/TINGWALL

EGET AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGET — LERWICK/TINGWALL

EGET AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 601131N Long: 0011437W Mid-point of Runway 02/20.
2	Direction and distance from city	4 nm NW of Lerwick.
3	Elevation / Reference temperature	45 ft / 14 C
4	Geoid undulation at AD ELEV PSN	162 FT
5	Magnetic Variation/ Annual Change	2.17°W (2017) / 0.19°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	SHETLAND ISLANDS COUNCIL. Post: Tingwall Airport, Baillister, Tingwall, Shetland ZE2 9XJ Phone: 01595-840306 (Visual Control Room) Phone: 01595-744481 (Duty FISO) Phone: 01595-744851 (Accountable Manager) Fax: 01595 744646 Email: dutyfisotingwall@shetland.gov.uk URL: www.shetland.gov.uk/transport/internal_air.asp
7	Type of Traffic permitted (IFR/VFR)	VFR
8	Remarks	

EGET AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: Mon-Fri 0900-1600 (mid October to mid February) and by arrangement. Summer: Mon-Fri 0800-1600 and by arrangement; Sat 0955-1400 (May to October only) and by arrangement.
2	Customs and Immigration	By arrangement with Duty FISO, minimum 24 hours notice.
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	AVGAS 100LL - As AD Hours and by arrangement. JET A1 - First fuel uplift from: Winter: Mon-Fri 0930 and by arrangement. Summer: Mon-Fri 0830 and by arrangement; Sat 1030 and by arrangement.
9	Handling	Available upon request.
10	Security	
11	De-icing	
12	Remarks	Tingwall Aerodrome is PPR , minimum of phone call or email to Duty FISO

EGET AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Limited.
2	Fuel and oil types	AVGAS 100LL AVTUR Jet A1
3	Fuelling facilities/capacity	AVGAS 100LL - up to 22000 lt, limited supply of AVTUR Jet A1 - maximum 2000 lt - check availability prior to departing base airport.
4	De-icing facilities	
5	Hangar space for visiting aircraft	Very limited - strictly by prior arrangement.
6	Repair facilities for visiting aircraft	Limited, seek advice of Duty FISO.
7	Remarks	Most credit/debit cards accepted (except Maestro cards).

EGET AD 2.5 PASSENGER FACILITIES

1	Hotels	
2	Restaurants	
3	Transportation	
4	Medical facilities	
5	Bank and Post Office	
6	Tourist Office	
7	Remarks	Passenger facilities are limited at the Aerodrome. Pilots intending to visit Tingwall are advised to look at www.visitsketland.org for details of accommodation, restaurants, hire cars, taxis etc.

EGET AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	RFF Category A2
2	Rescue equipment	CAT 2 Fire Appliance - Iveco Daily 4x4, 950 lt water, 800 lt/min discharge rate.
3	Capability for removal of disabled aircraft	Nil at Aerodrome - suitable equipment available.
4	Remarks	RFF Category 3 accepted under remission.

EGET AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type of clearing equipment	Limited mechanical snow clearing available by prior arrangement.
2	Clearance priorities	
3	Remarks	Where NOTAM, SNOWTAM or TAF indicates that weather or contamination may be an issue, intending pilots may request further information by contacting the Duty FISO on 01595-744481.

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

1	Apron surface and strength	Surface: Asphalt.
2	Taxiway width, surface and strength	
3	Altimeter checkpoint location and elevation	
4	VOR checkpoints	
5	INS checkpoints	
6	Remarks	Apron leads directly on to runway, with holds at Alpha and Bravo

EGET 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	
3	Stop bars	
4	Remarks	Limited apron space available. Parking provided on a 'first come, first served' basis. Self parking under direction of FISO. Semi-circular mark on apron to provide BN2B access to AVGAS fuelling Station. Holds at Alpha and Bravo. Avoid parking near landside access gate outside opening hours, in case of emergency access required by ambulance/air ambulance personnel.



EGET 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
02/APPROACH 20/TAKE-OFF	Vehicles	601116.03N 0011441.56W	59 ft		No	
02/APPROACH 20/TAKE-OFF	Vehicles	601115.74N 0011446.77W	65 ft		No	
						02/Approach 20/Take-off Rising Ground 49 († 950 – ‡ 50R) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						02/Approach 20/Take-off Rising Ground 63 († 1020 – ‡ 60R) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						02/Approach 20/Take-off Rising Ground 64 († 1080 – ‡ 65R) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						02/Approach 20/Take-off Rising Ground 66 († 1140 – ‡ 65R) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						02/Approach 20/Take-off Rising Ground 66 († 1185 – ‡ 80R) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						20/Approach 02/Take-off Rising Ground 85

EGET AD 2.10 AERODROME OBSTACLES (continued)

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
						(† 1785 Across RCL) † Distance (m) beyond start of TORA.
						20/Approach 02/Take-off Rising Ground 102 († 1870 Across RCL) † Distance (m) beyond start of TORA.
						20/Approach 02/Take-off Rising Ground 112 († 1980 Across RCL) † Distance (m) beyond start of TORA.
						20/Approach 02/Take-off Rising Ground 128 († 2100 – ‡ 160L) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						20/Approach 02/Take-off Rising Ground 138 († 2200 – ‡ 170L) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						20/Approach 02/Take-off Rising Ground 161 († 2300 – ‡ 180L) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						20/Approach 02/Take-off Rising Ground 164 († 2400 – ‡ 190L) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line
						20/Approach 02/Take-off Rising Ground 181 († 2500 – ‡ 200L) † Distance (m) beyond start of TORA. ‡ Distance (m) Left (L) or Right (R) of extended centre-line

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
	High Ground	601217.21N 0011616.36W	492 ft		No	
	High Ground	601224.84N 0011330.57W	315 ft		Yes	

EGET AD 2.10 AERODROME OBSTACLES (continued)

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
	High Ground	601059.00N 0011300.14W	446 ft		No	
	High Ground	601008.52N 0011350.81W	328 ft		No	
	High Ground	601106.98N 0011600.73W	367 ft		No	
	High Ground	601129.40N 0011634.86W	427 ft		No	

EGET 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.)	All observations are unofficial.

EGET 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
02	012.30°	764 x 18 m	RWY surface: Asphalt.	601120.23N 0011442.00W 162 ft	THR 43 ft
20	192.30°	764 x 18 m	RWY surface: Asphalt.	601143.36N 0011431.11W 162 ft	THR 20 ft

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
					RWY 02
					Threshold displaced by 19 m.
					RWY 20

EGET AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
02	764 m	764 m	764 m	744 m	
20	764 m	764 m	764 m	764 m	

EGET 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
02	Light intensity medium.	LI Green wingbars	APAPI Left/4° 18 ft			Elev LI omni-directional White	Red.		Approach Lighting: MI omni-directional RAI at 500 m, 1000 m, 1500 m.
20			APAPI Left/4° 18 ft			Elev LI omni-directional White	Red.		

EGET 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	Anemometer: 601132.71N 0011440.55W (Lgtd), 601119.35N 0011446.69W
3	TWY edge and centre line lighting	
4	Secondary power supply/switch-over time	
5	Remarks	

EGET AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	
2	TLOF and/ or FATO elevation	
3	TLOF and FATO area dimensions, surface, strength, marking	FATO :
4	True bearing of FATO	
5	Declared distance available	
6	Approach and FATO lighting	
7	Remarks	Helicopter movements accepted to H3. Parking under direction of FISO.

EGET 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
← LERWICK/TINGWALL ATZ A circle, 2 nm radius centred at 601131N 0011437W on longest notified runway (02/20)	Upper limit: 2000 ft Lower limit: SFC	G	TINGWALL INFORMATION English		

EGET AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
AFIS	TINGWALL INFORMATION	125.300 MHz DOC 20 nm/5000 ft.	Winter: Mon-Fri 0900-1600 (mid October to mid February) and by arrangement. Summer: Mon-Fri 0800-1600 and by arrangement; Sat 0955-1400 (May to October only) and by arrangement.	

EGET AD 2.19 RADIO NAVIGATION AND LANDING AIDS

EGET AD 2.20 LOCAL TRAFFIC REGULATIONS

1 Airport Regulations

- (a) Use of Aerodrome is subject to Terms and Conditions of Use. Pilots intending to use Lerwick/Tingwall aerodrome must familiarise themselves and abide by the Terms and Conditions of use. Terms and Conditions can be found at www.shetland.gov.uk/transport/air
- (b) Prior Permission Required. Pilots intending to use the Aerodrome outside the published opening hours must agree to the limitations of liability, accept the lack of RFFS and ATS and complete an Out of Hours Landing Permit, available at www.shetland.gov.uk/transport/air
- (c) Pilots must contact Tingwall Information to request engine start up.

2 Ground Movement

Not applicable

3 CAT II/III Operations

Not applicable

4 Warnings

- (a) Tingwall Airport has an ATZ, but all airspace is uncontrolled. Tingwall Airport is PPR, with a Flight Information Service only. Strong winds and turbulence may be expected at Tingwall Airport.
- (b) Pilots are advised to exercise caution with regards to wind shear emanating from the aerodrome and neighbouring buildings immediately to the west of the threshold on Runway 02, or on take-off from Runway 20. This is most evident when wind directions are approximately 220 degrees through 350 degrees.
- (c) Birds, including geese, gulls and corvids are common. The Visual Control Room has restricted visibility from approximately 210 degrees through 300 degrees, as such, FISOs may be unaware of any bird activity in this zone.
- (d) Five large wind turbines are sited to the southeast of Tingwall Airport, on Burradale Hill.

5 Helicopter Operations

Not applicable

6 Use of Runways

Not applicable

7 Training

Not applicable

EGET AD 2.21 NOISE ABATEMENT PROCEDURES

Not applicable

EGET AD 2.22 FLIGHT PROCEDURES

Not applicable

EGET AD 2.23 ADDITIONAL INFORMATION

Not applicable

EGET AD 2.24 CHARTS RELATED TO AN AERODROME

Figure: AERODROME CHART – ICAO

AD 2-EGET-2-1