

02 DEC 21

## EGUN AD 2.1 - LOCATION INDICATOR AND NAME

EGUN - MILDENHALL

## EGUN AD 2.2 - AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP Co-ordinates and site at AD:	N52 21 42.96 E000 29 11.07	Geographical centre of airfield.
2	Direction and distance from City:	2nm N of Mildenhall.	
3	Elevation/Reference Temperature:	34ft / 22°C	
4	Magnetic Variation / Annual Change:	0° 11' E (JAN 20) / 0° 12' E decreasing	
5	Geoid Undulation at AD Elev Position:	----	
6	AD Administration: Address:	United States Air Force Royal Air Force Mildenhall Bury St Edmunds Suffolk IP28 8NG	
	Telephone:	Mil: 9205238 2251/2253 Civ: 01638 547777/544130 (Base Ops)	
	Fax:	---	
	E-mail: Web site:	100oss.osaa@us.af.mil ---	
7	Types of Traffic Permitted (IFR/VFR):	IFR/VFR	
8	Remarks:	Nil	

## EGUN AD 2.3 - OPERATIONAL HOURS

1	AD:	PPR 24hr. †0600-2300 Mon-Thu, †0600-1800 Fri-Sun (See Remarks).
2	Customs and Immigration:	HO.
3	Health and Sanitation:	HO.
4	AIS Briefing Office:	HO.
5	ATS Reporting Office (ARO):	HO.
6	MET Briefing Office:	H24.
7	ATS:	HO.
8	Fuelling:	HO.
9	Handling:	HO.
10	Security:	H24.
11	De-icing:	H24. Contact Airfield Management to verify current de-icing capabilities for C-5 and/or similar aircraft.
12	Remarks:	PNR for Military aircraft. PPR for Civil aircraft. Quiet hours †2300-0600 Mon-Thu, †1800 Fri - †0600 Mon and UK PH excluding Higher Head Quarters/direct msn and AIR EVAC flt. Acft ops conducted outside of †0900-1800 Sat, Sun and UK PH is discouraged due to local civil considerations.

## EGUN AD 2.4 - HANDLING SERVICES AND FACILITIES

1	Cargo Handling Facilities:	Fork lifts. 60K, 40K, 20K Loaders Flatbeds. 9 ton Hi-lift truck. Baggage Container equipment.
2	Fuel/Oil /HydraulicTypes:	F34. O-133, 148, 156.
3	Fuelling Facilities/Capacity:	23000 litre (6000 US Gallon) Bowsers.
4	Oxygen:	LOX. LPOX.
5	De-icing Facilities:	Yes.
6	Starting Units:	E25, 35, 45. A27.
7	Hangar space for visiting aircraft:	Limited. Subject to prior arrangement.
8	Repair facilities for visiting aircraft:	Limited.
9	Remarks:	Nil.

**EGUN AD 2.5 - PASSENGER FACILITIES**

1	Accommodation:	Terminal and limited accommodation available for military personnel on duty.
2	Medical Facilities:	Medical Centre.
3	Remarks:	Nil.

**EGUN AD 2.6 - RESCUE AND FIRE FIGHTING SERVICES**

1	AD Category for Fire Fighting:	ARFF 7 (NATO Fire Protection 9) during operational hours.
2	Rescue Equipment:	As required for Crash Category 7.
3	Capability for removal of disabled aircraft:	1 x 20 ton and 1 x 50 ton cranes.

**EGUN AD 2.7 - SEASONAL AVAILABILITY - CLEARING**

1	Type of Clearing equipment:	Grader Loader. Tow Broom. Grit Spreader. 2 x Snow plough trucks. 2 x Broom trucks.
2	Remarks:	Nil.

**EGUN AD 2.8 - APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	Apron surfaces:	<b>Apron</b>	<b>Surface</b>	<b>Strength</b>	
		Terminal Apron	Asphalt/ Concrete	LCG III	
		W of Terminal Apron to "C" Ramp	Asphalt/ Concrete	LCG V	
2	Taxiway width, surface and strength:	<b>Taxiway</b>	<b>Width</b>	<b>Surface</b>	<b>Strength</b>
		Northern	23m	Asphalt	LCG IV
		Southern	23m	Asphalt	LCG III
3	Altimeter Check Location and Elevation:	N/A			
4	VOR Checkpoints: INS Checkpoints:	Nil. Nil.			
5	Remarks:	Hardstand 69: Restricted to taxi on/off only. No parking permitted unless special request approved by airfield management.  Hardstand 70, 71, 72 and 74 are restricted to tow on/off only. No engine run permitted unless special request approved by airfield management.			

**EGUN AD 2.9 - SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM MARKINGS**

1	Use of aircraft stand ID signs: Taxiway guide lines & visual docking/parking guidance system of aircraft stands:	Nil. Yellow taxiway markings & parking slot guidance with ground marshalls.
2	Runway & taxiway markings & lighting:	<b>Runway:</b> Standard Runway and taxiway markings.
3	Stop Bars and runway guard lights:	Nil.
4	Other runway protection measures:	Nil.
5	Remarks:	Caution: non-standard Acft Grnd Equipment (AGE) block markings: x5 white boxes, outlined in black, 31.5' X 11.5', located on the CV-22 parking ramp for equipment storage.

## EGUN AD 2.10 - AERODROME OBSTACLES

**Rwy 10:**

Tree at position 522124.07N 0003034.26E (1200) 864ft from Departure end of runway, 678ft right of Centreline, 58ft AGL/82ft AMSL.  
 Tree at position 522124.76N 0003034.22E (1199) 846ft from Departure end of runway 611ft right of Centreline, 52ft AGL/78ft AMSL.  
 Tree at position 522126.37N 0003052.11E (1309-1310) 1889ft from Departure end of runway 197ft right of centreline, 44ft AGL/83ft AMSL.  
 Tree at position 522126.63N 0003049.52E (1304) 1726ft from Departure end of runway 208ft right of centreline, 52ft AGL/78ft AMSL.

**Rwy 28:**

Tree at position 522156.46N 0002726.73E (1027) 2016ft from Departure end of runway 155ft left of centreline, 58ft AGL/73ft AMSL.  
 Tree at position 522159.56N 0002734.93E (1033) 1592ft from Departure end of runway 268ft right of centreline, 60ft AGL/77ft AMSL.  
 Tree at position 522155.15N 0002727.77E (1258) 1923ft from Departure end of runway 270ft left of centreline, 65ft AGL/82ft AMSL.  
 Tree at position 522156.42N 0002726.75E (1257) 2014ft from Departure end of runway 159ft left of centreline, 57ft AGL/73ft AMSL.  
 Tree at position 522159.60N 0002734.97E (1274) 1591ft from Departure end of runway 272ft right of centreline, 61ft AGL/78ft AMSL.  
 Tree at position 522155.19N 0002727.88E (1028) 1917ft from Departure end of runway 264ft left of centreline, 65ft AGL/80ft AMSL.

**High mast obstruction lights unlit in the following locations:**

Between the southwest corner of building 539V and CV-22 ramp, on the Air Mobility Command ramp adjacent to hardstand 45, hardstand 16, 20, 26, 27, 30, 32 and 37.

## EGUN AD 2.11 - METEOROLOGICAL INFORMATION

1	Associated MET Office:	Mildenhall.
2	Hours of service: MET Office outside hours:	H24. -----
3	Office responsible for TAF information: Periods of validity:	Mildenhall. 6 hours.
4	Type of landing forecast: Interval of issuance:	TREND Hourly
5	Briefing/consultation provided:	Self-briefing / personal / telephone
6	Flight documentation: Language(s) used:	Charts / TAFs / METARs Abbreviated plain language text
7	Charts and other information available for briefing or consultation:	Actual / Forecast surface analyses and upper wind charts, rainfall radar, tephigrams, satellite imagery, thunderstorm location.
8	Supplementary equipment available for providing information:	PC Data display - ODS.
9	ATS units provided with information:	LATCC and other European USAF Units.
10	Additional information (limitation of services etc):	Nil.
11	Remarks:	Nil.

## EGUN AD 2.12 - RUNWAY PHYSICAL CHARACTERISTICS

Designations Runway Number	True bearing	Dimensions of Runway (m)	Strength (PCN) and surface of Runway and stopway	Threshold co-ordinates	Threshold elevation highest elevation of TDZ of precision APP Rwy
1	2	3	4	5	6
10	103.26°	2808 x 45	PCN 92/R/B/W/T Asphalt/Concrete	N52 21 53-40 E000 27 58-74	21.31ft TDZE 26.72ft
28	283.29°	2808 x 45	PCN 92/R/B/W/T Asphalt/Concrete	N52 21 32-51 E000 30 23-37	32.63ft TDZE 32.63ft
Desig & Slope of Rwy/Swy	Stopway Dimensions (m)	Clearway Dimensions (m)	Strip Dimensions (m)	OFZ	RESA
7	8	9	10	11	12
10 - 0-13%U	305 x 61	-	3420 x 180	-	-
28 - 0-13%D	305 x 61	-	3420 x 180	-	-
13	Arresting Systems				
Rwy 10	BAK 12 (584m / 1917ft)			BAK 12 (598m / 1960ft)	Rwy 28
14	Remarks	Arresting Systems: Arrestor gear rigged at 15 mins notice.			

## EGUN AD 2.13 - DECLARED DISTANCES

Runway	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
10	2808	2808	3113	2808	TORA/TODA/LDA - 9214 ft. ASDA - 10214 ft.
28	2808	2808	3113	2808	TORA/TODA/LDA - 9214 ft. ASDA - 10214 ft.

## EGUN AD 2.14 - APPROACH AND RUNWAY LIGHTING

Runway	Approach lighting Type Length Intensity	Threshold lighting Colour Wingbars	PAPI VASIS Angle Distance from Thr (MEHT)	TDZ lighting Length	Runway Centreline 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
10	CL5B 3,000ft/914m HI	Green Uni HI	PAPI 3° 390m	---	---	Elevated but flush at intersection White HI Uni, 30m White LI Omni, 90m	Red Uni HI	---
28	CL5B 3,000ft/914m HI	Green Uni HI	PAPI 3° 397m	---	---	Elevated but flush at intersection White HI Uni, 30m White LI Omni, 90m	Red Uni HI	---
10	Remarks:	Nil.						

## EGUN AD 2.15 - OTHER LIGHTING, SECONDARY POWER SUPPLY

1	A Bn/l Bn location, characteristics and hours of operation:	Nil.
2	Anemometer location and lighting:	Rwy 10 - N52 21 53-65 E000 28 25-82. Red Obstruction light. Rwy 28 - N52 21 39-20 E000 30 07-49. Red Obstruction light.
3	Taxiway edge and centreline lighting:	Blue edge lighting on all taxiways.
4	Secondary power supply: Switch-over time:	Yes. No-break power supply to all essential equipment in Control Tower.
5	Remarks:	Nil.

## EGUN AD 2.16 - HELICOPTER LANDING AREA

Nil.
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EGUN AD 2.17 - ATS AIRSPACE			
Designation and lateral limits		Vertical limits	Airspace Classification
1		2	3
<b>Mildenhall MATZ.</b> 5nm radius, centred on N52 21 42-96 E000 29 11-06 with non-standard demarcation of the circle joined by a straight line at their most easterly points and non-standard extension to both stubs - 5nm south of extended centre lines.		<u>3,000ft AAL</u> SFC	G
<b>Mildenhall ATZ.</b> Circle, 2.5nm radius centred on N52 21 42-96 E000 29 11-06.		<u>2,000ft AAL</u> SFC	G
4	ATS Unit Callsign: Language:	Mildenhall. English.	
5	Transition Altitude:	3000ft.	
6	Remarks:	Nil.	

EGUN AD 2.18 - ATS COMMUNICATION FACILITIES					
Service Designation	Callsign	Frequency MHz	Hours of Operation		Remarks
			Winter	Summer	
1	2	3	4		5
CAC	Swanwick Mil	259-600 (ICF)*	HO	HO	* Arr & Dep service between FL50-FL250, no RT failure instructions or clearance limit provided on departure.
APP / LARS	Lakenheath Approach	309-200 (L) 136-500	HO	HO	(L) LARS Frequency.
DEP CON	Lakenheath Departures	250-300*	HO	HO	* When directed by ATC no contact until aircraft airborne.
TWR	Mildenhall Tower	370-250 122-550	HO	HO	
GND	Mildenhall Ground	337-975 121-800	HO	HO	
ATIS	Mildenhall Information	<a href="#">282-025</a>	HO	HO	
OPS	Mildenhall Dispatcher	308-850 131-975	HO	HO	
	Mildenhall Command Post	313-550	HO	HO	
PMSV	Mildenhall Metro	284-425	HO	HO	

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EGUN AD 2.19 - RADIO NAVIGATION AND LANDING AIDS							
Type Category (Variation)	Ident	Frequency	Hours of Operation		Antenna Site co-ordinates	Elevation of DME Transmitting antenna	Remarks
			Winter	Summer			
			# and by arrangement				
1	2	3	4		5	6	7
TACAN	MLD	Ch 106X 115.900	HO	HO	N52 21 48.00 E000 29 18.00	63ft	Rwy 10: DME MLD reads 0.8d at Thld. Rwy 28: DME MLD reads 0.7d at Thld.
ILS/DME Rwy 10	I-MIL	110.150	HO	HO			QFU 105°.
	Glidepath	334.250			N52 21 44.43 E000 28 20.99		2.9° ILS Ref Datum Height 58ft
	Localizer	110.150			N52 21 27.60 E000 30 52.49		LOC 105°
ILS/DME Rwy 28	I-MLD	110.150	HO	HO			QFU 285°
	Glidepath	334.250			N52 21 38.34 E000 30 13.02		2.9° ILS Ref Datum Height 59ft
	Localizer	110.150			N52 21 54.78 E000 27 44.37		LOC 285°
Remarks:							
1. When TACAN unusable, in IMC, range from Lakenheath GCA 0700-2300.							
2. TACAN MLD 106 unusable 045° - 210° beyond 35nm below 2,000ft.							

EGUN AD 2.20 - LOCAL TRAFFIC REGULATIONS	
1	<p><b>Airport regulations</b></p> <p>a. PPR from base operations (01638 544130/2275/2276).</p> <p>b. Arrivals/Departures during quiet hours require waiver through Command Post (01638 542121).</p> <p>c. All Flight Plans must be addressed to EGUNYWYO.</p> <p>d. Cargo/Passenger/VIP aircraft contact Command Post 15mins before landing.</p> <p>e. All British military aircraft must advise RAF Commander (01638 542097) at least 48hrs in advance.</p>
2	<p><b>Ground Movement</b></p> <p>a. No 180° turns on runway.</p> <p>b. Call Tower for engine start clearance.</p>
3	<p><b>CAT II/III Operations</b></p> <p>Nil.</p>
4	<p><b>Warnings</b></p> <p>a. Because of close proximity of Lakenheath runway operations, visual circuit patterns may be prohibited.</p> <p>b. No flap/Practice asymmetric patterns are prohibited.</p> <p>c. Pilots are to warn Tower if their downwind leg exceeds 4nm from aerodrome.</p>
5	<p><b>Helicopter Operations</b></p> <p>None specified.</p>
6	<p><b>Use of Runways</b></p> <p>See EGUN AD 2.12 - 12 Arresting Systems.</p>
7	<p><b>Training</b></p> <p>None Specified.</p>

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**EGUN AD 2.21 - NOISE ABATEMENT PROCEDURES**

1. Noise Abatement and Quiet Hours regulations in force.
2. Avoid overflight of local towns and villages to maximum extent possible.
3. Jet aircraft multiple approaches to Rwy 10 prohibited.

**EGUN AD 2.22 - FLIGHT PROCEDURES**

1	Procedures for in bound aircraft:	See DoD UK Booklet, available on MilFLIP.
2	Departures:	See DoD UK Booklet, available on MilFLIP.
3	Radio Communication Failure:	None specified.
4	Missed Approach Procedure:	None specified.
5	Aerodrome Operating Minima:	None specified.
6	Instrument Approach Procedures (IAP) for this aerodrome are established outside controlled airspace.	

**EGUN AD 2.23 - ADDITIONAL INFORMATION**

1. Sections of taxiway are not visible from ATC Tower.
2. Overflight of Ely Cathedral (Mildenhall TACAN 290 Radial 8.5nm DME) is to be avoided by both inbound and outbound aircraft. (Inbound IFR procedure to Rwy 10 routes overhead Ely under control of Lakenheath Radar. Aircraft will not be given descent clearance below 2000ft until clear of Ely).

**EGUN AD 2.24 - CHARTS RELATING TO THIS AERODROME**

## Terminal Approach Procedure Charts

Airport Diagram	AD 2 - EGUL - 1 - 9
ILS or LOC Rwy 10	AD 2 - EGUL - 1 - 10
ILS or LOC Rwy 28	AD 2 - EGUL - 1 - 11
IFR Takeoff	AD 2 - EGUL - 1 - 12
NUGTU 2 Departure	AD 2 - EGUL - 1 - 13
RNP Rwy 10 (LNAV Only)	AD 2 - EGUL - 1 - 14
RNP Rwy 28 (LNAV Only)	AD 2 - EGUL - 1 - 15
TACAN Rwy 10	AD 2 - EGUL - 1 - 16
TACAN Rwy 28	AD 2 - EGUL - 1 - 17

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