

23 JAN 25

EGYM AD 2.1 - LOCATION INDICATOR AND NAME

EGYM - MARHAM

EGYM AD 2.2 - AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP Co-ordinates and site at AD:	N52 38 54-26 E000 33 02-42 Mid-point of Runway 05/23.
2	Direction and distance from City:	9nm SE of King's Lynn.
3	Elevation/Reference Temperature:	76ft / 21°C.
4	Magnetic Variation / Annual Change:	01°E (NOV 22) / 0.20°E
5	Geoid Undulation at AD Elev Position:	149ft / 45m
6	AD Administration: Address: Telephone: Fax: E-mail: Web site:	Royal Air Force Royal Air Force Marham King's Lynn Norfolk PE33 9NP. Mil: 95951 6244/6240 Civ: 01760 337261 6244/6240 (Ops) MRM ATC: 95951 4949. Mil: 95951 6018 (Ops) Civ: 01760 337261 6018 (Ops). --- ---
7	Types of Traffic Permitted (IFR/VFR):	IFR/VFR.
8	Remarks:	Nil.

EGYM AD 2.3 - OPERATIONAL HOURS

1	AD:	PNR, PPR H24. Airfield open hours published by NOTAM. PNR for Military aircraft. 24h Hrs PPR for Civil Aircraft.
2	Customs and Immigration:	By arrangement. Military aircraft only.
3	Health and Sanitation:	Nil.
4	AIS Briefing Office:	HO.
5	ATS Reporting Office (ARO):	HO.
6	MET Briefing Office:	Winter: 2300(A) Sun-1700(A) Fri; Summer: 2200(A) Sun-1600(A) Fri.
7	ATS:	HO.
8	Fuelling:	HO.
9	Handling:	HO.
10	Security:	H24.
11	De-Icing:	HO. Military aircraft only.
12	Remarks:	PNR for Military aircraft. PPR (24hrs) for Civil aircraft. 24hrs notice required for armed diversion requests.

EGYM AD 2.4 - HANDLING SERVICES AND FACILITIES

1	Cargo Handling Facilities:	Convex. 10,000 lbs Fork Lift. Baggage loader. Nearest railway sidings: King's Lynn.
2	Fuel/Oil /HydraulicTypes:	F34.
3	Fuelling Facilities/Capacity:	Bowser.
4	Oxygen:	Nil.
5	De-Icing Facilities:	Nil.
6	Starting Units:	E3, 4, 14, 16.
7	Hangar space for visiting aircraft:	Extremely limited. Subject to prior arrangement.
8	Repair facilities for visiting aircraft:	Nil.
9	Remarks:	Nil.

10 AUG 23

EGYM AD 2.5 - PASSENGER FACILITIES

1	Accommodation:	Service accommodation only.
2	Medical Facilities:	Medical Centre.
3	Remarks:	Limited terminal facilities.

EGYM AD 2.6 - RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for Fire Fighting:	Crash Category ICAO 5 during operational hours, surge capacity to ICAO 8 on specific tasking only.
2	Rescue Equipment:	As required for Crash Category ICAO 5.
3	Capability for removal of disabled aircraft:	Nil.

EGYM AD 2.7 - SEASONAL AVAILABILITY - CLEARING

1	Type of Clearing equipment:	4x Airfield Snow Clearance Vehicle - Schmidt CJS; 1x Liquid Airfield De-icing Sprayer (LADS); 3x Airfield De-icing Trailer (ADT) 2000L; 4x MATT Blades, 2x AS990 Plough's, 2x Gritters. De-icing agent used is ISOMEX 1.
2	Remarks:	Braking action assesment by Mu-Meter. Latest available information from ATC.

EGYM AD 2.8 - APRONS, TAXIWAYS AND CHECK LOCATIONS DATA					
1	Apron surfaces:	Apron	Surface	Strength	
		Alpha Dispersal (ASP A)	Concrete	30/R/B/W/T	
		Bravo Dispersal (ASP B)	Concrete	30/R/B/W/T	
		Spectacle Stands B2b	Concrete	42/R/C/W/T	
		Former Runway 11-29 Hardstanding	Concrete	28/R/B/W/T	
		Aircraft Wash	Concrete	19/R/B/W/T	
		CSP	Concrete	40/R/B/W/T	
		Hover Pads 1, 2 & 3	Concrete (PQC / HTRC)	23/R/C/W/T	
		HAS Aprons North	Concrete	30/R/B/W/T	
		HAS Aprons South*	Concrete	41/R/B/W/T	
		Between Hangars 1 & 2 and Hangar 1 West	Blacktop	26/R/B/W/T	
		Between Hangars 2 & 3	Concrete	26/R/B/W/T	
		Between Hangars 3 & 4	Concrete	26/R/B/W/T	
		VAP Apron	Concrete	40/R/B/W/T	
2	Taxiway width, surface and strength:	Taxiway	Width	Surface	Strength
		Alpha	23m	Blacktop / Concrete	73/F/C/W/T & 57/R/C/W/T
		Bravo	15m	Blacktop / Concrete	23/F/C/W/T & 57/R/C/W/T
		Charlie	18m	Blacktop / Concrete/ Concrete	30/F/C/W/T & 32/R/C/W/T & 42/R/C/W/T
		Delta	12m	Concrete	41/R/B/W/T
		Foxtrot	12m	Concrete	41/R/B/W/T
		Golf	15m	Blacktop / Concrete	23/F/C/W/T & 25/R/C/W/T
		Hotel	15m	Concrete	25/R/C/W/T
		Juliet	15m	Concrete	25/R/C/W/T
		Kilo (West)	18m	Blacktop	34/R/B/W/T
		Kilo (East)	18m	Blacktop	N/A
		Lima	15m	Concrete	25/R/C/W/T
		Mike	15m	Concrete	25/R/C/W/T
		Papa	18m	Blacktop / Concrete	16/R/B/W/T
		Towpath	10m	Concrete	30/R/B/W/T
HAS Site North Taxiway	12m	Concrete	30/R/B/W/T		
3	Altimeter Check Location and Elevation:	N/A			
4	VOR Checkpoints: INS Checkpoints:	Nil. Nil.			
5	Remarks:	Nil.			

EGYM 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 and parking slot guidance.
2	Runway & taxiway markings & lighting:	Runway: Standard markings. Taxiway: Non-Standard with standard markings.
3	Stop Bars and runway guard lights:	Red.
4	Other runway protection measures:	Nil.
5	Remarks:	Nil.

EGYM AD 2.10 - AERODROME OBSTACLES

Please refer to the "Measured Height Survey" data on the UK Mil AIP website www.aidu.mod.uk/aip.

30 OCT 25

EGYM AD 2.11 - METEOROLOGICAL INFORMATION		
1	Associated MET Office:	Marham.
2	Hours of service: MET Office outside hours:	H24 - 2300(A) Sun-1700(A) Fri. Not open Public Holidays. Defence Meteorological Centre HQ AIR - H24.
3	Office responsible for TAF information: Periods of validity:	Marham. 9 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 / NIMBUS, MOMIDS.
9	ATS units provided with information:	Holbeach Air Weapon Range.
10	Additional information (limitation of services etc):	Nil.
11	Remarks:	Nil.

EGYM 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	
05	055.42°	2783 x 45	Threshold 57/R/B/W/T Main asphalt length 146/F/B/W/T	N52 38 28-34 E000 32 00-66	56ft TDZE 67-6ft	
23	235.45°	2783 x 45	Threshold 57/R/B/W/T Main asphalt length 146/F/B/W/T	N52 39 19-42 E000 34 02-57	61ft TDZE 75-30ft	
01	008.56°	1864 x 45	Concrete (South of intersection) 57/R/C/W/T Asphalt length 62F/C/W/T Concrete (North of intersection) 57/R/C/W/T	N52 38 20-47 E000 33 20-52	55ft TDZE 67-65ft	
19	188.57°	1864 x 45	Concrete (South of intersection) 57/R/C/W/T Asphalt length 62F/C/W/T Concrete (North of intersection) 57/R/C/W/T	N52 39 17-99 E000 33 34-76	75ft TDZE 76-4ft	
Desig & Slope of Rwy/Swy	Stopway Dimensions (m)	Clearway Dimensions (m)	Strip Dimensions (m)	OFZ	RESA	
7	8	9	10	11	12	
05 - 0-07%U	Nil	197 x 150	2903 x 280	-	137 x 90	
23 - 0-07%D	Nil	226 x 150	2903 x 280	-	166 x 90	
01 - 0-33%U	Nil	250 x 150	1984 x 280 (STOL 366 x 30-5)	-	190 x 90	
19 - 0-33%D	Nil	165 x 150	1984 x 280 (STOL 366 x 30-5)	-	105 x 90	
13	Arresting Systems					
Rwy 05 (Nil Ovrn)	Mk 1 _____	RHAG (2100ft)	_____	RHAG _____	Mk 1 _____	Rwy 23 (Nil Ovrn)
14	Remarks	Arresting systems: Normal operations, both cables de-rigged.				

EGYM AD 2.13 - DECLARED DISTANCES					
Runway	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
05	2783	2981	2783	2783	Nil.
23	2783	3009	2783	2783	Nil.
01	1864	2114	1864	1864	Nil.
19	1864	2029	1864	1798	Nil.

EGYM 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
05	CL5B 3,000ft/914m HI	Green HI Uni	PAPI 2.5° 321m (50ft)	---	---	Elevated but flush at intersection White HI Uni, 30m White LI Omni, 90m	Red Uni HI	---
23	CL5B 3,000ft/914m HI	Green HI Uni	PAPI 3° 321m (62ft)	---	---	Elevated but flush at intersection White HI Uni, 30m White LI Omni, 90m	Red Uni HI	---
01	CL2B 435m HI	---	PAPI 3° 281m (48.80ft)	---	---	Elevated, Flush on cross- over and at RHAGs White Bi HI 30m White Omni LI 90m Flush STOL Bi 30.5m.	Red Uni HI	---
19	CL2B 420m HI	---	PAPI 3° 230m (40.81ft)	---	---	Elevated, Flush on cross- over and at RHAGs White Bi HI 30m White Omni LI 90m Flush STOL Bi 30.5m.	Red Uni HI	---
01/19 STOL Strip	---	Green HI	---	---	---	11 pairs White HI	Red LI	---
10	Remarks:	1. PAPI wingbars positioned 25m from runway edge Rwy 05/23 & 14.1m from runway edge on 01/19. 2. IRDM located in grass adjacent to runway shoulders and absent at runway intersections. 3. STOL lighting utilised exclusively for F35B ops only. The 01/19 approach lights are not used whilst the STOL strip lights are in use.						

EGYM AD 2.15 - OTHER LIGHTING, SECONDARY POWER SUPPLY		
1	A Bn/I Bn location, characteristics and hours of operation:	I Bn: N52 38 18 E000 33 12 "MR" - - • - • Red. HO.
2	Anemometer location and lighting:	N52 38 25-80 E000 33 31.20. Red Obstruction light.
3	Taxiway edge and centreline lighting:	Alpha taxiway is Green centreline lighting. Bravo taxiway is Green centreline lighting. Charlie taxiway is Green centreline lighting. Kilo taxiway is Green centreline lighting. Golf taxiway is Blue centreline lighting. Juliet taxiway is Blue centreline lighting.
4	Secondary power supply: Switch-over time:	Yes. No Break available to most essential equipment - not main radios.
5	Remarks:	Alpha & Bravo dispersals have floodlights. Undercarriage check lights in front of Control Tower. VL Pads sufficiently lit for F35 ops.

EGYM AD 2.16 - HELICOPTER LANDING AREA

1	Location:	None Specified.
2	Elevation:	Nil.
3	Lighting:	Nil.
4	Remarks:	Nil.

EGYM AD 2.17 - ATS AIRSPACE

Marham MATZ.

Please refer to the Civ AIP, ENR 2.2, Para 2.4. <https://nats-uk.ead-it.com/cms-nats/opencms/en/Publications/AIP/>

Marham ATZ.

Please refer to the Civ AIP, ENR 2.2. <https://nats-uk.ead-it.com/cms-nats/opencms/en/Publications/AIP/>

EGYM 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)	H24	H24	
APP	Marham Approach	343.975 (ICF) 362.300*	HO	HO	* NATO Common Frequency. Available on request only.
MARHAM	Marham Zone	378.700 124.155*	⏸	⏸	* 124.155 operators up to 30nm and for AS at or below 10,000ft.
TWR	Marham Tower	278.175 118.330 257.800* 122.100*	HO	HO	* NATO Common Frequency. Available on request only.
RAD	Marham Director	399.875	HO	HO	Change of UHF frequency
PAR	Marham Talkdown	232.150 356.150 123.300*	HO	HO	* NATO Common Frequency. Available on request only.
GND	Marham Ground	360.400	HO	HO	
ATIS	Marham Information	245.675	HO	HO	Answer phone Ext 7888.
OPS	Marham Ops	284.000	HO	HO	

15 MAY 25

EGYM 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	MAM	Ch 24X 108.700	HO	HO	N52 38 49.16 E000 33 39.32		Rwy 23 & 19: DME MAM reads 0.6d at Thld. Rwy 01: DME reads 0.5d at Thld. Rwy 05: DME reads 1.1d at Thld.
UDF/VDF	Marham APP	233.075 377.475 362.300* 124.155 122.100*	HO	HO	N52 39 17.30 E000 33 20.16		* NATO Common Frequency. Available on request only.
ILS/DME Rwy 23	I-MR	110.750 Ch 44Y	HO	HO	N52 39 17.30 E000 33 44.91	70.21ft	QFU 235°. DME reads 0d at Thld.
	Glidepath	330.050	H24	H24	N52 39 17.40 E000 33 44.79	70.21ft	3° ILS Ref Datum Height 63ft
	Localizer	110.750	H24	H24	N52 38 16.39 E000 31 32.18	69.88ft	LOC 235°.
Remarks:							
1. All acft will be placed under a Traffic Service when entering the TACAN hold and will be warned of the close proximity of the radar overhead.							
2. MP monthly 0830 - 0930 1st Monday.							
3. Emergency speech not available on either Localiser Tx's.							
4. ILS RWY 23, DME & Localiser identifications are not synchronized.							
5. ILS AD operating ILS LOC/DME only.							

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EGYM AD 2.20 - LOCAL TRAFFIC REGULATIONS	
1	<p>Airport regulations</p> <p>a. Armed visiting aircraft are to declare their armament status on initial contact with ATC. Requests to act as a diversion commitment are to be made by 1700 local dly (Mon-Thu) for the following day otherwise the A/F will close at 1700 local or after cease flying, whichever is the later. The A/F will close at 1700 local on Fri unless a request has been made to act as a diversion by 1400 local. Requests for practice approaches to ATC ext 4949/3559. After 1700 local, or after cease flying if later, ICAO CAT 5 and acft handling facilities will not be aval unless acting as a diversion commitment.</p> <p>b. Overflight of the Explosive Storage Area Inner (523858N 0003408E) and Outer (523918N 0003512E) should be above 1000ft for FW aircraft and 500ft for RW.</p>
2	<p>Ground Movement</p> <p>None specified.</p>
3	<p>CAT II/III Operations</p> <p>Nil.</p>
4	<p>Warnings</p> <p>a. Marham ATC will utilise FLARM derived data to supplement traffic information call as required.</p> <p>b. VCR Aldis lamps are not fit for use during daylight hours.</p>
5	<p>Helicopter Operations</p> <p>None specified.</p>
6	<p>Use of Runways</p> <p>Slow lane is the South side of Rwy 05/23 and West side of Rwy 01/19.</p>
7	<p>Training</p> <p>None specified.</p>

EGYM AD 2.21 - NOISE ABATEMENT PROCEDURES
See Page AD 2 - EGYM - 1 - 10 SPECIAL PROCEDURES

EGYM AD 2.22 - FLIGHT PROCEDURES

1	Procedures for in bound aircraft:	See TAP Charts
2	Departures:	See TAP Charts
3	Radio Communication Failure:	See TAP Charts
4	Missed Approach Procedure:	See TAP Charts
5	Aerodrome Operating Minima:	See TAP Charts
6	Instrument Approach Procedures (IAP) for this aerodrome are established outside controlled airspace.	

EGYM AD 2.23 - ADDITIONAL INFORMATION

1. Sculthorpe Activity. All AS's operating ivo Sculthorpe for CAS, JFAC or Para/Air-dropping activity are to contact RAF Marham on VHF 124-155.
2. Land Fill site. Large concentration of gulls. Circle radius 0.5nm centred on N52 42.40 E000 28.48. SFC - 1000ft agl.
3. F-35Bs approaching the VL pads may wave off (go around), remaining south of Rwy 05RH/23 and west of Rwy 01/19RH on runway track until re-joining the visual circuit.
4. ASMT will conduct weekly routine maintenance on a crane to be conducted between 1100-1115 on the airfield at the NE HAS site location 523858N 0003409E SFC-49m (161ft) AMSL / SFC-24m (79ft) AGL.
5. Rwy 01 and 19RH are now operational with non-standard STOL strip markings.
6. F35 aircraft in STOVL configuration are a SUPER category for wake turbulence.
7. Close proximity of masts adjacent to Golf taxiway making it only fit for F35 only.
8. Low engine aircraft are not to taxi on Alpha due to high signage.
9. All OOH aircraft and vehicle movements are to make blind calls at all times on MRE and Tower Freq. Vehicles may occupy areas of the threshold; OOH users are to be mindful of this.
10. The ESA is to be avoided not below altitude 1,100ft on MRM QNH by fast jets, and not below altitude 600ft by rotaries and CAT A aircraft.
11. TRC will not be staffed during OOH civilian movements.
12. Increased bird activity at dawn and dusk. There is significant bird activity to the southeast of the airfield near the corner of Charlie taxiway due to a piggery.
13. Standing water at the intersection, 05 and 01 thresholds, and Alpha dispersal.
14. UCCL down declared permanently.
15. Kilo taxiway from K3-K4 is unavailable for taxi/vehicle movements.

EGYM AD 2.24 - CHARTS RELATING TO THIS AERODROME

Terminal Approach Procedure Charts

B1	Special Procedures	AD 2 - EGYM - 1 - 9
C1	Noise Abatement Visual Circuit	AD 2 - EGYM - 1 - 10
D1	Aerodrome	AD 2 - EGYM - 1 - 11
E1	Taxi	AD 2 - EGYM - 1 - 12
G1	Rwy 01/19 MID	AD 2 - EGYM - 1 - 13
G2	Rwy 05/23 MID	AD 2 - EGYM - 1 - 14
K1	Radar Procedures	AD 2 - EGYM - 1 - 15
K2	Radar Procedures	AD 2 - EGYM - 1 - 16
K3	TAC to PAR Rwy 05 - 2.5°	AD 2 - EGYM - 1 - 17
K4	TAC to PAR Rwy 05 - 3°	AD 2 - EGYM - 1 - 18
K5	PAR Rwy 05 - 2.5°	AD 2 - EGYM - 1 - 19
K6	PAR Rwy 05 - 3°	AD 2 - EGYM - 1 - 20
K7	PAR Rwy 23 - 2.5°	AD 2 - EGYM - 1 - 21
K8	PAR Rwy 23 - 3°	AD 2 - EGYM - 1 - 22
K9	SRA Rwy 01	AD 2 - EGYM - 1 - 23
K10	SRA Rwy 05	AD 2 - EGYM - 1 - 24
K11	SRA Rwy 19	AD 2 - EGYM - 1 - 25
K12	SRA Rwy 23	AD 2 - EGYM - 1 - 26
K13	ATC Surveillance MNM Altitude	AD 2 - EGYM - 1 - 27
L1	RNP RWY 05	AD 2 - EGYM - 1 - 28
L2	RNP RWY 23	AD 2 - EGYM - 1 - 29
L3	IAP CODING TABLE RWY 05	AD 2 - EGYM - 1 - 30
L4	IAP CODING TABLE RWY 23	AD 2 - EGYM - 1 - 31
M1	TAC to ILS/DME Rwy 23	AD 2 - EGYM - 1 - 32
R1	TAC Rwy 01	AD 2 - EGYM - 1 - 33
R2	TAC Rwy 05	AD 2 - EGYM - 1 - 34
R3	TAC Rwy 19	AD 2 - EGYM - 1 - 35
R4	TAC Rwy 23	AD 2 - EGYM - 1 - 36