EGCM — LEEDS EAST

EGCM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGCM — LEEDS EAST

EGCM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 535004.085N Long: 0011143.727W Intersection of runways.
2	Direction and distance from city	10 nm SW of York.
3	Elevation / Reference temperature	29 ft / 21 C
4	Geoid undulation at AD ELEV PSN	
5	Magnetic Variation/ Annual Change	1.18°W (2017) / 0.15°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	MAKIN ENTERPRISES Post: Leeds East Airport, Busk Lane, Church Fenton, North Yorkshire, LS24 9SE. Phone: 01937-534194 (Ext 3 for ATC/Ops/Fuel) Phone: 07541-226316 (ATC - Mobile) Email: ops@leedseastairport.co.uk URL: www.leedseastairport.co.uk
7	Type of Traffic permitted (IFR/VFR)	VFR
8	Remarks	

EGCM AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: 0830-1630. Summer: 0700-1700. Extensions by arrangement.
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	As AD hours.
10	Security	H24
11	De-icing	
12	Remarks	This aerodrome is PPR.

EGCM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Forklifts available through ATC, prior notice required.
2	Fuel and oil types	AVGAS 100LL AVTUR JET A-1 Oil by prior arrangement. W80, W100, W100+, S80, S100, 15/50.
3	Fuelling facilities/capacity	AVTUR JET A-1 Storage capacity 45,000 lt, mobile capacity 17,000 lt. AVGAS 100LL Mobile capacity 17,000 lt. Self-service AVTUR available.
4	De-icing facilities	
5	Hangar space for visiting aircraft	Yes. Subject to prior arrangement.
6	Repair facilities for visiting aircraft	
7	Remarks	

EGCM AD 2.5 PASSENGER FACILITIES

1	Hotels	In vicinity.
2	Restaurants	Cafe. VIP and executive catering by arrangement.
3	Transportation	Buses, taxis, car hire and limousines. Nearest railway stations: Church Fenton or Uleskelf.
4	Medical facilities	Limited first aid treatment.
5	Bank and Post Office	Village 1 mile.
6	Tourist Office	
7	Remarks	

EGCM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	RFF Category A2
2	Rescue equipment	One 4 x 4 Major Foam Tender. One 6 x 6 Major Foam Tender.
3	Capability for removal of disabled aircraft	In the event of an incident, light aircraft can be removed using airport resources. Large aircraft can be removed using outside sources, in conjunction with aircraft operators. Contact 01937-534194 Ext 3.
4	Remarks	**RFF Category 2/H2** Up to Category 4 on request (24 hours notice required).

EGCM AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type of clearing equipment	
2	Clearance priorities	
3	Remarks	Latest information from Operations Tel: 01937-534194 Ext 3.

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

1	Apron surface and strength	APRON Surface: Concrete and asphalt. PCN 45/F/C/X/U
2	Taxiway width, surface and strength	Taxiway ALPHA: 15 m. Surface: Asphalt. PCN 26/F/C/X/U Taxiway BRAVO: 15 m. Surface: Asphalt. PCN 20/F/C/X/U Taxiway CHARLIE: 15 m. Surface: Asphalt. PCN 12/F/C/Y/U Taxiway DELTA: 15 m. Surface: Asphalt. PCN 12/F/C/Y/U Taxiway ECHO: 15 m. Surface: Asphalt. PCN 20/F/C/Z/U Taxiway FOXTROT: 15 m. Surface: Asphalt. PCN 8/F/C/X/U
3	Altimeter checkpoint location and elevation	Main Apron 29 FT
4	VOR checkpoints	
5	INS checkpoints	
6	Remarks	

EGCM 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	Marshalling on request.
2	Runway and taxiway markings and lighting	**Runway marking aid(s):** : Threshold markings are 2 m from the end of the runway; centre-line markings on all runways. **Taxiway marking aid(s):** : Yellow centre-line, taxiway holding position.
3	Stop bars	
4	Remarks	Wind direction indicator.

EGCM 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**
(EGCM1488) 06/APPROACH 24/TAKE-OFF	Tree	534946.31N 0011237.04W	78.82 ft		No	
(EGCM1484) 06/APPROACH 24/TAKE-OFF	Tree	534945.41N 0011232.60W	57.98 ft		No	
(EGCM1480) 06/APPROACH 24/TAKE-OFF	Tree	534945.23N 0011237.79W	76.67 ft		No	
(EGCM1477) 06/APPROACH 24/TAKE-OFF	Tree	534944.57N 0011245.92W	74.09 ft		No	
(EGCM1472) 06/APPROACH 24/TAKE-OFF	Tree	534943.89N 0011239.29W	71.47 ft		No	
(EGCM1470) 06/APPROACH 24/TAKE-OFF	Tree	534943.48N 0011240.31W	78.26 ft		No	
(EGCM1406) 06/APPROACH 24/TAKE-OFF	Tree	534942.44N 0011227.82W	64.25 ft		No	
(EGCM1402) 06/APPROACH 24/TAKE-OFF	Tree	534942.01N 0011227.52W	70.75 ft		No	
(EGCM1399) 06/APPROACH 24/TAKE-OFF	Tree	534941.51N 0011225.67W	60.71 ft		No	
(EGCM1404) 06/APPROACH 24/TAKE-OFF	Tree	534941.23N 0011227.84W	70.69 ft		No	
(EGCM1398) 06/APPROACH 24/TAKE-OFF	Tree	534941.13N 0011225.23W	62.03 ft		No	
(EGCM1397) 06/APPROACH 24/TAKE-OFF	Tree	534941.07N 0011224.93W	65.68 ft		No	
(EGCM1444) 06/APPROACH 24/TAKE-OFF	Tree	534938.99N 0011249.26W	71.94 ft		No	
(EGCM1450) 06/APPROACH 24/TAKE-OFF	Tree	534938.40N 0011255.98W	90.33 ft		No	
(EGCM1447) 06/APPROACH 24/TAKE-OFF	Tree	534936.84N 0011300.27W	88.42 ft		No	
(EGCM1423) 06/APPROACH 24/TAKE-OFF	Tree	534936.28N 0011248.35W	92.82 ft		No	
(EGCM1420) 06/APPROACH 24/TAKE-OFF	Tree	534936.01N 0011247.18W	85.45 ft		No	
(EGCM1417) 06/APPROACH 24/TAKE-OFF	Tree	534935.32N 0011247.45W	82.45 ft		No	
(EGCM1174) 24/APPROACH 06/TAKE-OFF	Tree	535038.03N 0011034.60W	84.75 ft		No	
(EGCM1184) 24/APPROACH 06/TAKE-OFF	Tree	535036.70N 0011032.85W	83.91 ft		No	

EGCM 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**
(EGCM1366)	Comms Mast	535505.51N 0011032.53W	229.89 ft		Yes	
(EGCM1356)	Pylon	535218.41N 0011742.02W	297.93 ft		No	
(EGCM1363)	Pylon	535213.72N 0011823.84W	292.75 ft		No	
(EGCM1355)	Pylon	535210.50N 0011749.49W	290.94 ft		No	
(EGCM1371)	Comms Mast	535207.03N 0010451.76W	188.45 ft		Yes	
(EGCM1372)	Comms Mast	535205.24N 0010453.42W	203.9 ft		Yes	
(EGCM1367)	Railway Comms Mast	535144.89N 0011049.75W	138.25 ft		Yes	
(EGCM1340)	Flag Pole	535140.59N 0011507.93W	233.23 ft		No	
(EGCM1068)	Tree	535135.87N 0011207.07W	138.78 ft		No	
(EGCM1343)	Tree	535134.14N 0011517.01W	218.08 ft		No	
(EGCM1344)	Tree	535133.60N 0011517.87W	222.64 ft		No	
(EGCM1195)	Tree	535109.69N 0010915.42W	135.43 ft		No	
(EGCM1197)	Tree	535107.76N 0010904.89W	119.52 ft		No	
(EGCM1219)	Poplar Tree	535031.87N 0011003.44W	116.37 ft		No	
(EGCM1220)	Poplar Tree	535031.78N 0011003.41W	116.93 ft		No	
(EGCM1516)	Tree	534959.40N 0011235.46W	127.23 ft		No	
(EGCM1383)	Tree	534957.86N 0011231.74W	142.49 ft		No	
(EGCM1384)	Tree	534957.81N 0011230.91W	141.11 ft		No	
(EGCM1396)	Tree	534941.04N 0011212.82W	86.48 ft		No	
(EGCM1738)	Pylon	534927.87N 0012001.24W	333.69 ft		No	
(EGCM1741)	Pylon	534906.48N 0011953.83W	346.33 ft		No	
(EGCM1739)	Pylon	534826.39N 0012006.79W	372.67 ft		No	
(EGCM1723)	Chimney	534814.63N 0011331.57W	142.72 ft		No	
(EGCM1722)	Building	534814.04N 0011323.10W	140.35 ft		No	
(EGCM1720)	Chimney	534744.44N 0011341.65W	166.01 ft		No	
(EGCM1742)	Mast	534658.68N 0012222.41W	427.17 ft		Yes	
(EGCM1705)	Tree	534658.26N 0011137.13W	161.42 ft		No	
(EGCM1706)	Tree	534657.64N 0011137.38W	159.22 ft		No	
(EGCM1745)	Chimney	534242.85N 0010730.53W	693.83 ft		Yes	

EGCM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	MET OFFICE EXETER.
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	
4	Trend forecast Interval of issuance	
5	Briefing/consultation provided	Self-briefing/telephone.
6	Flight documentation Language(s) used	Charts abbreviated plain language text. TAFs/METARs. English.
7	Charts and other information available for briefing or consultation	
8	Supplementary equipment available for providing information	Self-briefing terminal (internet).
9	ATS units provided with information	
10	Additional information (limitation of service, etc.)	

EGCM 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
06	054.67°	1827 x 46 m	RWY surface: Asphalt. PCN 30/F/C/X/U	534949.45N 0011218.62W	THR 28 ft
24	234.68°	1827 x 46 m	RWY surface: Asphalt. PCN 30/F/C/X/U	535021.47N 0011102.25W	THR 28 ft
16	155.67°	1668 x 45 m	RWY surface: Asphalt. PCN 20/F/C/X/U	535039.13N 0011210.52W	THR 28 ft
34	335.68°	1668 x 45 m	RWY surface: Asphalt. PCN 20/F/C/X/U	534955.91N 0011137.48W	THR 27 ft

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
RWY 06 -0.01% Down RWY 24 0.01% Up			See Remarks		RWY 06 Threshold displaced by 134 m. **Strip Dimensions:** 1831.5 x 300 m
RWY 06 -0.01% Down RWY 24 0.01% Up	46.5 x 46 m		See Remarks		RWY 24 **Strip Dimensions:** 1878 x 300 m
RWY 16 -0.03% Down RWY 34 0.03% Up			See Remarks		RWY 16 **Strip Dimensions:** 1786 x 160 m
RWY 16 -0.03% Down RWY 34 0.03% Up			See Remarks		RWY 34 Threshold displaced by 200 m. **Strip Dimensions:** 1586.5 x 160 m

EGCM AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
06	1799 m	1799 m	1799 m	1710 m	
24	1710 m	1710 m	1710 m	1710 m	
06	1216 m	1216 m	1216 m		Take-off from intersection with F1.
06	943 m	943 m	943 m		Take-off from intersection with Runway 16/34.
24	827 m	827 m	827 m		Take-off from intersection with Runway 16/34.
16	1199 m	1199 m	1199 m	1199 m	
34	1199 m	1199 m	1199 m	1199 m	
16	1119 m	1119 m	1119 m		Take-off from intersection with C2.
34	885 m	885 m	885 m		Take-off from intersection with Runway 06/24.

EGCM 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
06	300 m Light intensity high.	HI bi-directional green with green wingbars.	PAPI/3° 43 ft			HI elevated bi-directional 30 m spacing with LI omni-directional component 90 m spacing.	Red.		**Approach Lighting:** Centre-line with two cross-bars. **PAPI dist from THR:** 13.1 m
24	900 m Light intensity high.	HI elevated bi-directional green.	PAPI/3° 57 ft			HI elevated bi-directional 30 m spacing with LI omni-directional component 90 m spacing.	Red.		**Approach Lighting:** Centre-line with five cross-bars. **PAPI dist from THR:** 17.4 m
16		HI bi-directional green.				LI elevated omni-directional.	Red.		
34		HI bi-directional green.				LI elevated omni-directional.	Red.		

EGCM 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	LDI: 535003.00N 0011136.00W (Red obstruction light)
3	TWY edge and centre line lighting	Taxiway: . Edge. Blue edge lights on all taxiways.
4	Secondary power supply/switch-over time	Yes. Standby generator 30 sec/1 min switching ability. ATC building UPS no break switching.
5	Remarks	Main Apron floodlighting.

EGCM AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	TLOF :
2	TLOF and/ or FATO elevation	TLOF : 29 ft
3	TLOF and FATO area dimensions, surface, strength, marking	TLOF :
4	True bearing of FATO	
5	Declared distance available	
6	Approach and FATO lighting	
7	Remarks	H Located on the eastern end of the Apron in front of the ATC building.

EGCM 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
LEEDS EAST ATZ 534837N 0011510W - thence clockwise by the arc of a circle radius 2.5 nm centered on 535004N 0011144W to 534749N 0010956W - thence anti-clockwise by the arc of a circle radius 2 nm centered on 534703N 0011304W to 534823N 0011032W - 534837N 0011510W	Upper limit: 2000 ft Lower limit: SFC	G	FENTON RADIO English	3000 ft	

EGCM AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
Other	FENTON RADIO	126.500 MHz A/G Frequency DOC 10 nm/3000 ft	Winter: 0830-1630. Summer: 0700-1700. Extensions by arrangement.	ATZ hours coincident with A/G hours.
	FENTON FIRE	121.600 MHz Non-ATS Frequency	Available when fire vehicle attending aircraft on the ground in an emergency.	

EGCM AD 2.19 RADIO NAVIGATION AND LANDING AIDS

EGCM AD 2.20 LOCAL TRAFFIC REGULATIONS

1 Airport Regulations

(a) Not available to aircraft unable to communicate with ATC.

(b) Aerobatic manoeuvres and low flypasts are prohibited unless prior approval has been given by the aerodrome operator.

(c) Airport is PPR for all aircraft movements. PPR can be obtained directly by use of the booking form at http://www.leedseastairport.co.uk/pilot-information/ . The booking form should be submitted a minimum of 30 minutes prior to ETD or ETA. The filing of a Flight Plan (FPL) complies with the requirement to obtain PPR. Alternatively contact ATC Bookings on land line or mobile.

2 Ground Movement

(a) Caution, reduced wing tip clearance between taxiing and parked aircraft on Main Apron.

3 CAT II/III Operations

Not applicable.

4 Warnings

(a) The only signals are light signals.

(b) Pilots are to join and depart via the aerodrome VRPs, joining the visual circuit from the crosswind, downwind, base or finals.

(c) Obstacle marking and lighting: Control Tower, hangars, flood light stands and anemometer North of Runway 24/06.

(d) At both ends of 06/24, the pavement width is wider than the delineated runway width.

5 Helicopter Operations

(a) In order to avoid noise sensitive areas surrounding the aerodrome, helicopters should conform to normal fixed-wing joining, departure and circuit procedures.

6 Use of Runways

(a) Except where a public transport operator has a lower State authorised take-off minima, the Aerodrome Authority cannot approve departures in RVR conditions of less than 400 m.

(b) Grass runway 06/24 is unlicensed and unavailable for aircraft requiring the use of a licensed runway. A minimum of 7 days' notice is required by the aerodrome for PPR requests.

7 Training

(a) Use of the aerodrome for training is subject to agreement.

(b) The number of aircraft in the visual circuit will be determined by ATC, subject to the prevailing weather conditions and other commercial or corporate traffic.

(c) Booking procedures for all circuit training flights may be introduced by ATC during busy periods.

EGCM AD 2.21 NOISE ABATEMENT PROCEDURES

1 General

(a) Every operator of aircraft using the airport shall ensure at all times that aircraft are operated in a manner calculated to cause the least disturbance practicable in the area surrounding the airport.

(b) Only those aircraft meeting ICAO Chapter 3 criteria or better will be accepted. Contact Flight Operations on +44(0)1937-534197.

(c) Pilots are requested to avoid the use of reverse thrust or reverse pitch above idle power settings on landing, consistent with the safe operation of the aircraft.

(d) Due to the close proximity of residential areas, ground running of engines or Auxiliary Power Units (APU) shall be kept to a minimum consistent with operational requirements. At no time shall APUs be run for more than 30 minutes without Aerodrome Operator consent.

EGCM AD 2.22 FLIGHT PROCEDURES

1 Circuit Procedures

(a) Aircraft taking off, 'going around' or making 'touch and go' landings may be subject to noise procedures as instructed by ATC.

(b) Circuit direction: Runway 24 and 34 right hand; Runways 06 and 16 left hand.

(c) Fixed wing circuit height 1000 ft QNH.

(d) Helicopters circuit height 700 ft QNH.

2 VFR Flights

(a) Arrival Procedures

(i) The arrival procedures for traffic arriving at LEA will be via VFR reporting points at 1500 ft AAL.

(b) Departure Procedures

(i) VFR departures from Runways 06 and 34 will be via the appropriate LEA VFR reporting point, at 2000 ft AAL before turning on track.

(ii) VFR departures from Runway 16

The departing aircraft shall, not later than Meeke Wood (534907.96N 0011104.76W), turn left towards Bishop Wood VRP, continuing the climb to 2000 ft AAL before turning on track.

(iii) VFR departures from Runway 24

The departing aircraft shall, at Rose Farm/Railway line (534917.99N 0011341.02W), turn right towards M1/A1 Junction VRP, continuing the climb to 2000 ft AAL before turning on track.

3 Outbound IFR Traffic Outside Controlled Airspace

(a) Subject to controller workload, expect to be controlled by Doncaster Radar.

(b) Twenty minutes before departure, phone Doncaster Radar 01519-071542; requesting joining at GOLES. Initial Squawk and FL will be issued. On departure climb in the circuit above 2000 ft AAL before turning towards Doncaster and make an early call to Doncaster Radar 126.225 MHz. Outbound flight plan to include EGCNZTZX as an info addressee.

4 Procedures for Inbound Aircraft

(a) Standard Arrival

Plan to leave controlled airspace by descent at GOLES - flight plan to include EGCNZTZX as an info addressee which will alert Doncaster Radar; request handover to Doncaster Radar 126.225 MHz.

5 Instrument Approach Procedures (IAP)

Not applicable.

6 Visual Reference Points (VRP)

(a) Visual Reference Points are established for use by aerodrome and en-route traffic as follows:

VRP	VOR/DME
Bishop Wood 534833.26N 0010931.17W	OTR 281°/38.2 nm POL 084°/33.9 nm
M1/A1(M) Junction 534851.75N 0012025.27W	OTR 281°/44.6 nm POL 082°/27.5 nm
Naburn Marina 535433.85N 0010522.80W	OTR 291°/37.3 nm POL 075°/37.4 nm
Tadcaster Junction 535325.83N 0011405.94W	OTR 287°/41.9 nm POL 075°/32.1 nm

EGCM AD 2.23 ADDITIONAL INFORMATION

Not applicable.

EGCM AD 2.24 CHARTS RELATED TO AN AERODROME

Figure: AERODROME CHART - ICAO

AD 2-EGCM-2-1