

EGCK — CAERNARFON**EGCK AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

EGCK — CAERNARFON

EGCK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 530607N Long: 0042015W Mid Point of Runway 07/25
2	Direction and distance from city	4 NM SW of Caernarfon.
3	Elevation / Reference temperature	14 FT / 18 °C
4	Geoid undulation at AD ELEV PSN	179 FT
5	Magnetic Variation / Annual Change	1.88°W (2019) / 0.16°E
6	AD Administration Address Telephone Telefax E-mail address Web address	AIR CAERNARFON LTD. Caernarfon Aerodrome, Dinas Dinlle, Gwynedd, LL54 5TP. 01286-830800 01286-830280 info@caernarfonairport.com www.caernarfonairport.com
7	Type of Traffic permitted (IFR/VFR)	VFR
8	Remarks	

EGCK AD 2.3 OPERATIONAL HOURS

1	AD Administration	0900-1645 (0800-1645).
2	Customs and immigration	By arrangement.
3	Health and sanitation	
4	AIS Briefing Office	
5	ATS Reporting Office (ARO)	
6	MET Briefing Office	
7	ATS	As AD hours. See also AD 2.18.
8	Fuelling	0900-1645 (0800-1645).
9	Handling	0900-1645 (0800-1645).
10	Security	
11	De-icing	
12	Remarks	This aerodrome is PPR. SAR Operations H24. The aerodrome and fuel may be available by arrangement outside the above hours. All requests to operate outside notified hours are to be made through operations on 01286-830800. Requests for extension to operating hours made less than 2 hours before notified closing time cannot be guaranteed.

EGCK AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	
2	Fuel and oil types	AVTUR JET A-1, AL48 JET A-1 de-icing additive, AVGAS 100LL W80, W100.
3	Fuelling facilities/capacity	50,000 lt. Delivery 500 lt per minute.
4	De-icing facilities	
5	Hangar space for visiting aircraft	Yes
6	Repair facilities for visiting aircraft	Yes
7	Remarks	Pilots requiring fuel on arrival should make this request when inbound on A/G frequency

EGCK AD 2.5 PASSENGER FACILITIES

1	Hotels	
2	Restaurants	Yes, On Aerodrome.
3	Transportation	Taxi on request, Buses. Nearest railway station: Bangor.
4	Medical facilities	Limited First Aid.
5	Bank and Post Office	
6	Tourist Office	
7	Remarks	

EGCK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting services	RFF Category A1 RFF Category H1
2	Rescue equipment	
3	Capability for removal of disabled aircraft	In the event of an incident, light aircraft can be removed using aerodrome resources.
4	Remarks	

EGCK AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type of clearing equipment	
2	Clearance priorities	
3	Remarks	

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

1	Apron surface and strength	
2	Taxiway width, surface and strength	
3	Altimeter checkpoint location and elevation	
4	VOR checkpoints	
5	INS checkpoints	
6	Remarks	

EGCK 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	

EGCK 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
(EGCK1793) 25/APPROACH 07/ TAKE-OFF	TREE	530612.43N 0041945.66W	44 FT	No	
(EGCK1209) 07/APPROACH 25/ TAKE-OFF	VEHICLES ON ROAD	530601.78N 0042037.55W	28 FT	No	

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
(EGCK1075)	WIND TURBINE	530619.83N 0042020.30W	161 FT		Yes	
(EGCK1076)	WIND TURBINE	530616.37N 0042021.48W	161 FT		Yes	
	RTM	530111.81N 0041624.76W	2080 FT		Yes	

EGCK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	MET OFFICE ABERDEEN
2	Hours of service MET Office outside hour	H24
3	Office responsible for TAF preparation Periods of validity	MET OFFICE ABERDEEN 9 hours.
4	Trend forecast Interval of issuance	
5	Briefing/consultation provided	Self-briefing.
6	Flight documentation Language(s) used	TAFs and METARs. English.
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.)	

EGCK 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	Slope of RWY/ SWY
1	2	3	4	5	6	7
07	070.83°	932 x 23 M	RWY surface: Asphalt	530603.04N 0042032.21W 179 FT	THR 12 FT	
25	250.83°	932 x 23 M	RWY surface: Asphalt	530610.07N 0041958.61W 179 FT	THR 11 FT	

SWY Dimensions	Clearway Dimensions	Strip Dimensions	RESA Dimensions, Overshoot / Undershoot	Location/ description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
						RWY 07 Landing threshold displaced by 97 M to allow 1:20 over vehicles on road.
						RWY 25 Landing threshold displaced by 173 M to allow 1:20 approach surface over trees and HT cable.

EGCK AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
07	727 M	727 M	727 M	810 M	
25	799 M	799 M	799 M	727 M	

EGCK AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY	Approach lighting Type/ Length/ Intensity	Threshold lighting Colour/Wing bars	VASIS/ MEHT/ PAPI/ PAPI Dist from THR	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
07		LI Green Wingbar					Red		EDGE: LI Omni-directional inset
25		LI Green Wingbar	APAPI Left/3.5° 20 FT				Red		EDGE: LI Omni-directional inset

EGCK 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: Next to windsleeve.
3	TWY edge and centre line lighting	EDGE: Blue edge lighting on Taxiway B.
4	Secondary power supply/switch-over time	Yes/1 minute.
5	Remarks	

EGCK 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, lighting	
4	True BRG of FATO	
5	Declared distance available	
6	APP and FATO lighting	
7	RMK	Helicopters to approach using active runway and land as instructed by ATC.

EGCK AD 2.17 AIR TRAFFIC SERVICES AIRSPACE

Designation and lateral limits	Vertical Limits	Airspace Class	ATS unit callsign/ language	Transition Altitude	Hours of applicability	Remarks
1	2	3	4	5	6	7
CAERNARFON ATZ A circle, 2 NM radius, centred at 530607N 0042015W on longest notified runway (07/25)	Upper limit: 2000 FT Lower limit: SFC	G	CAERNARFON RADIO English	3000 FT		Special procedures are in operation for aircraft arriving at and departing from Caernarfon. See AD 2.22. Air ambulance and SAR operations may occur H24: See AD 2.20.

EGCK AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	SATVOICE number(s)	Logon Address	Hours of Operation	Remarks
1	2	3	4	5	6	7
OTHER	CAERNARFON RADIO	122.255 MHz A/G frequency.			0900-1645 (0800-1645).	ATZ hours co-incident with A/G hours, but not by arrangement.
SAR	COASTGUARD 936	122.255 MHz			H24	Due to SAR H24 operations, all aircraft to transmit blind calls out of airfield licensed hours.
	RESCUE 936	122.255 MHz			H24	

EGCK AD 2.19 RADIO NAVIGATION AND LANDING AIDS

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EGCK AD 2.20 LOCAL AERODROME REGULATIONS**1 AIRPORT REGULATIONS**

- All pilots and personnel, except for passengers and other persons that are being escorted, shall wear high visibility clothing at all times whilst airside.
- Smoking airside strictly prohibited.
- Not available to aircraft unable to communicate by radio with A/G. Aircraft with radio failure must follow standard radio failure procedures.
- Each aircraft commander is responsible for the safety of their passengers and other crew members. To ensure the safety of passengers and crew members, the aircraft commander (or other competent crew member) is to supervise and escort passengers whilst airside
- All movements outside published hours are subject to the out of hours conditions published on the airport website.

2 GROUND MOVEMENT

- Taxilanes A and C have been introduced between Stands 1 to 10. Aircraft using these taxilanes must not have a wingspan in excess of 17 m. Aircraft must adhere strictly to the yellow centre-line along the taxilane as maximum clearance from the centre-line to obstruction within the taxilane is 14 m. Aircraft parking on Stands 1 to 10 must park north of the yellow markings on the stand to ensure taxilane clearance is maintained at all times.
- The responsibility for wingtip clearance during taxiing and parking remains with the flight crew.
- Aircraft should only taxi on paved surfaces, aircraft using the grass to taxi onto their stand do so at the discretion of the flight crew.
- Pilots must exercise caution and moderate taxiing speeds on Taxi Lanes A, B, C due to the possible presence of pedestrians and intense aircraft movements.
- All parking is self-manoeuvring, assistance available on request.

3 CAT II/III OPERATIONS

Not applicable

4 WARNINGS

- Turbulence might on occasion be experienced when there is an easterly wind.
- High ground beyond 6 nm southeast of the aerodrome rising to 3560 ft aal/amsl.
- Runway 07 take-off; Beyond 11000 m there is mountainous terrain, rising to 3560 ft.
- Due to RSPB reserve 1 km south of the aerodrome, between September-March, there will be increased bird activity.
- Air Ambulance and Coastguard helicopter operations are based at Caernarfon and will be given the appropriate priority over other traffic when operating. These operations may occur H24 including outside of the operating hours of the aerodrome and pilots are to make a blind call on Caernarfon Radio 122.255 MHz when the aerodrome is published as closed and they are transiting through or close to the ATZ.
- During periods of heavy rain, runways are liable to have patches of standing water.
- Light aircraft are warned of the possible effect of wake turbulence by preceding helicopters on approach or departure.
- Light aircraft should also be aware of the possible effect of rotor downwash generated by large helicopters operating on the aerodrome, including the home based S92 SAR Helicopters.

5 HELICOPTER OPERATIONS

- No helicopter movements within 300 metres, downwind of the wind turbines.

8 Nov 2018

6 USE OF RUNWAYS

- a) Runway 02/20 is unlicensed and unavailable for aircraft requiring the use of a licenced runway. For details including dimensions and declared distances contact the aerodrome.
- b) All CAT operations to make the approach to the licensed Runway 07/25.
- c) Circuit Directions: Runways 07 and 20 – LH, Runways 25 and 02 – RH.
- d) Due to high ground and HT pylons left of Runway 25 centre-line, at range approximately 4 nm, pilots are to ensure the aircraft is established on runway centre-line before commencing descent on the APAPIs.

7 TRAINING

Not applicable

EGCK AD 2.21 NOISE ABATEMENT PROCEDURES

Helicopters must not overfly any caravan site within the ATZ below 1000 ft on the QFE.

EGCK AD 2.22 FLIGHT PROCEDURES

- a) The aerodrome is in the vicinity of the Valley MATZ. Civil aircraft are to fly at 1500 ft or below (Holyhead QNH) in the Menai Straits area.
- b) **Arriving aircraft.** Aircraft should call Valley ATC on 125.225 MHz at least 15 minutes before ETA Caernarfon ATZ boundary.
- c) **Departing aircraft.** Unless otherwise instructed, departing aircraft should call Valley ATC on 125.225 MHz immediately after take-off.
- d) Circuit height: 800 ft aal. Aircraft are requested to join overhead not above 1300 ft aal. Circuit direction: Runway 07 - LH, Runway 25 - RH.

EGCK AD 2.23 ADDITIONAL INFORMATION

Not applicable

EGCK AD 2.24 CHARTS RELATED TO AN AERODROME

AERODROME CHART - ICAO

AD 2.EGCK-2-1

**AERODROME
CHART - ICAO**

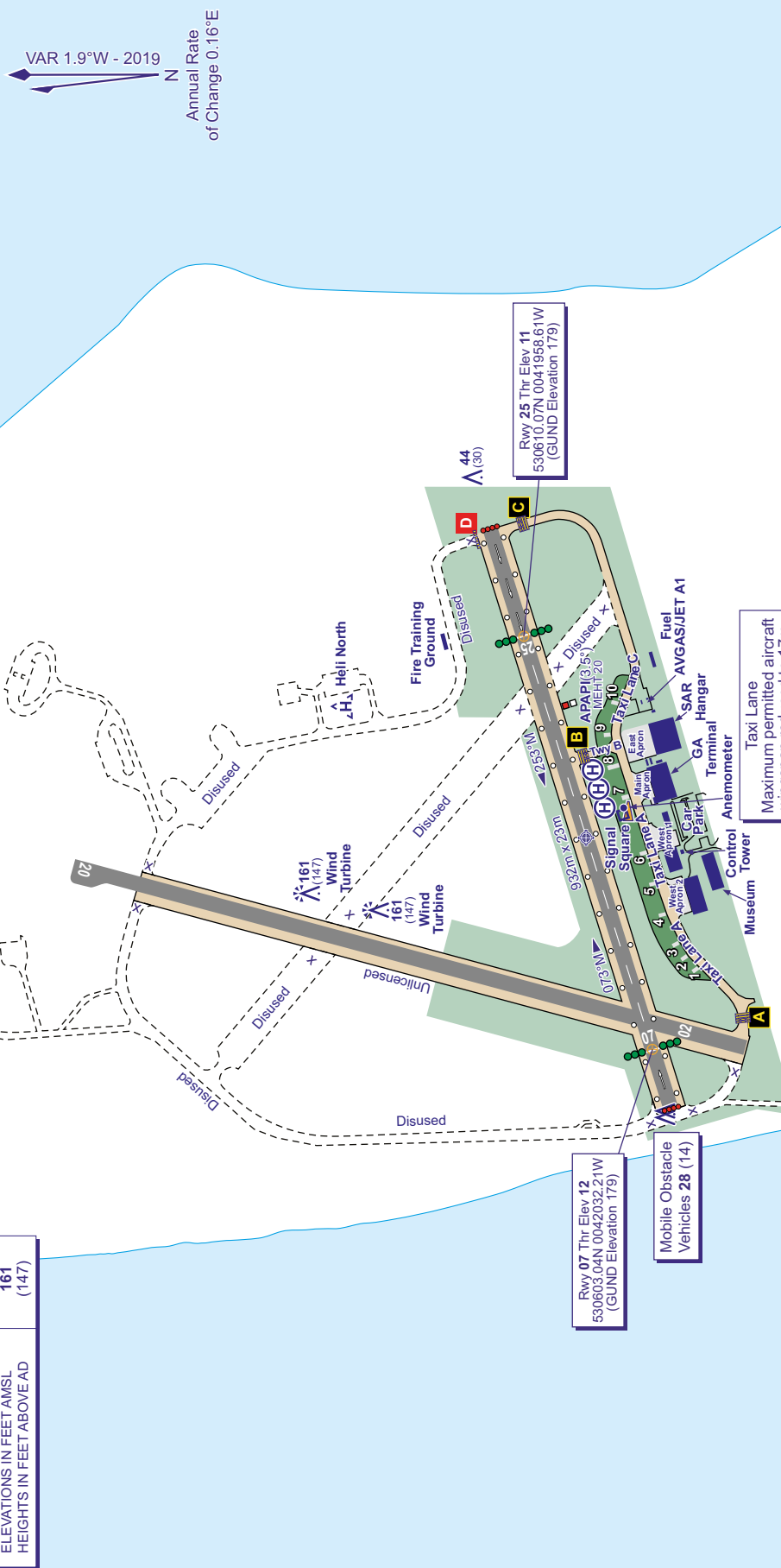
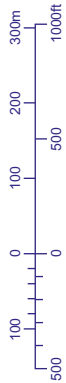
ARP 530607N 0042015W

AD ELEV 14FT

**CAERNARFON
EGCK**

GUND (Geoid Undulation) =
The height of the Geoid (MSL) above the
Reference Ellipsoid (WGS 84) at the stated position.
**BEARINGS ARE MAGNETIC
ELEVATIONS AND HEIGHTS ARE IN FEET**
**ELEVATIONS IN FEET AMSL
HEIGHTS IN FEET ABOVE AD** **161
(147)**

RUNWAY/TAXIWAY/APRON PHYSICAL CHARACTERISTICS			
APRON / RWY / TWY	SURFACE	BEARING STRENGTH	ELEVATION
RWY 07/25	Asphalt	-	-
Main Apron	Asphalt	-	-
Main Taxiway	Asphalt	-	-



VAR 1.9°W - 2019
Annual Rate
of Change 0.16°E

Rwy 07 Thr Elev 12
530603.04N 0042032.21W
(GUND Elevation 179)

Rwy 25 Thr Elev 11
530610.07N 0041958.61W
(GUND Elevation 179)

Mobile Obstacle
Vehicles 28 (14)

Taxi Lane
Maximum permitted aircraft
wingspan reduced to 17m

COM	
A/G	122.255 CAERNARFON RADIO
LIGHTING	
THR 07/25	LI Green W bar, LI omni-d inset edge.
RWY 07/25	LI omni-d inset, End lights red.

CHANGE (11/19): OBSTACLES.

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