

## EGNC — CARLISLE

### EGNC AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGNC — CARLISLE

### EGNC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 545615N Long: 0024833W Mid point of Runway 07/25.
2	Direction and distance from city	5 nm ENE of Carlisle.
3	Elevation / Reference temperature	190 ft / 18 C
4	Geoid undulation at AD ELEV PSN	172 FT
5	Magnetic Variation/ Annual Change	1.98°W (2017) / 0.17°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	STOBART AIR LTD. Post: Carlisle Airport, Carlisle, Cumbria, CA6 4NW. Phone: 01228-573629 (Operations) Phone: 01228-573641 (Operations) Phone: 01228-574123 (ATIS) Fax: 01228-573310 URL: www.carlisleairport.co.uk.
7	Type of Traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	

### EGNC AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: 0900-1800; and by arrangement. Summer: 0800-1700; and by arrangement.
2	Customs and Immigration	By arrangement.
3	Health and sanitation	
4	AIS Briefing Office	As AD hours.
5	ATS Reporting Office (ARO)	
6	MET Briefing Office	
7	Air Traffic Service	As AD hours. See also AD 2.18.
8	Fuelling	By arrangement.
9	Handling	As AD hours.
10	Security	By arrangement.
11	De-icing	
12	Remarks	This aerodrome is <b>PPR</b> .

### EGNC AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Limited. By Arrangement.
2	Fuel and oil types	AVTUR JET A-1 AVGAS 100LL Oils are available from the Flying Clubs.
3	Fuelling facilities/capacity	AVTUR JET-A1 - Bowser, AVGAS 100LL - Bowser.
4	De-icing facilities	
5	Hangar space for visiting aircraft	Limited. Prior arrangement only.
6	Repair facilities for visiting aircraft	Maintenance organisation at the aerodrome.
7	Remarks	Handling services are available from the Airport Authority Tel: 01228-573641.

## EGNC AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in vicinity.
2	Restaurants	Cafe below Control Tower. Bar, Pubs, Restaurants in vicinity.
3	Transportation	Taxis, Car hire. Nearest railway station Carlisle City 10 km.
4	Medical facilities	Limited first aid.
5	Bank and Post Office	
6	Tourist Office	Limited tourist information.
7	Remarks	

## EGNC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	RFF Category A1
2	Rescue equipment	Yes External services
3	Capability for removal of disabled aircraft	
4	Remarks	<b>RFF Category 2 and 3</b> available by arrangement with Airport Operations, Tel: 01228-573641.

## EGNC AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type of clearing equipment	
2	Clearance priorities	
3	Remarks	For latest information contact ATC, Tel: 01228-573641.

## EGNC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	
2	Taxiway width, surface and strength	Taxiway A: 15 m. Surface: Asphalt. Taxiway B: 9 m. Surface: Asphalt. Taxiway C: 23 m. Surface: Asphalt. Taxiway D: 23 m. Surface: Asphalt.
3	Altimeter checkpoint location and elevation	
4	VOR checkpoints	
5	INS checkpoints	Available from Operations on request.
6	Remarks	

## EGNC 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	Commercial aircraft use Stands 1A to 1E, on the south side of apron. Stands 1C, 1D and 1E have taxiway guide lines and nose-in line. Stand 1H is a Helipad, on the west side of terminal marked with large 'H'. Light aircraft use Stands 2A to 2G on the north side of apron. Taxiway guidlines and nose-out lines. Stop with nose wheel on the 'T' bar. Stand 2H is a designated Helicopter landing site, marked with a small 'H'.
2	Runway and taxiway markings and lighting	<b>Runway marking aid(s):</b> : Runway designators, Runway threshold, centre-line, edge, Runway 25 touchdown zone, displaced thresholds, stopway, holding points, centre-line and lead-off lines. : Runway 01 pre-threshold chevrons. <b>Taxiway light(s):</b> : Wig-Wags at holding points C and D.
3	Stop bars	
4	Remarks	Illuminated Wind direction indicator north of Runway 25 threshold.

## EGNC 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
07/APPROACH 25/TAKE-OFF	Vehicles on road	545602.06N 0024919.86W	155 ft		No	
07/APPROACH 25/TAKE-OFF	Tree	545556.88N 0024923.09W	167 ft		No	
07/APPROACH 25/TAKE-OFF	Tree	545554.46N 0024919.56W	211 ft		No	
07/APPROACH 25/TAKE-OFF	Tree	545554.45N 0024921.17W	198 ft		No	
25/APPROACH 07/TAKE-OFF	Tree	545640.90N 0024742.10W	260 ft		No	
25/APPROACH 07/TAKE-OFF	Tree	545637.19N 0024747.55W	235 ft		No	
25/APPROACH 07/TAKE-OFF	Tree	545635.40N 0024721.10W	243 ft		No	
25/APPROACH 07/TAKE-OFF	Vehicles on road	545632.42N 0024743.93W	214 ft		No	
25/APPROACH 07/TAKE-OFF	Approach lights	545630.53N 0024744.89W	200 ft		No	
19/APPROACH 01/TAKE-OFF	Tree	545644.30N 0024836.97W	208 ft		No	
19/APPROACH 01/TAKE-OFF	Vehicles on road	545638.16N 0024837.94W	184 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
	Mast	545456.91N 0023937.41W	1022 ft		No	

## EGNC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	MET OFFICE EXETER.
2	Hours of service MET Office outside hours	As per ATC operational hours. Restricted to unofficial observations during Air Ground hours.
3	Office responsible for TAF preparation Periods of validity	MET OFFICE EXETER. 9 hours.
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 and METARs. English.
7	Charts and other information available for briefing or consultation	
8	Supplementary equipment available for providing information	OPMET
9	ATS units provided with information	YES.
10	Additional information (limitation of service, etc.)	ATIS Tel: 01228-574123.

## EGNC 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
07	059.45°	1828 x 30 m	RWY surface: Asphalt.	545607.39N 0024854.64W 172 ft	THR 143 ft
25	239.46°	1828 x 30 m	RWY surface: Asphalt.	545626.06N 0024759.72W 172 ft	THR 183 ft
01	001.14°	885 x 23 m	RWY surface: Asphalt.	545607.38N 0024840.83W 172 ft	THR 149 ft
19	181.14°	885 x 23 m	RWY surface: Asphalt.	545631.93N 0024839.98W 172 ft	THR 159 ft

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
		118 x m	1957 x 300 m		RWY 07  Threshold displaced by 451 m. Runway 07/25 30 m width delineated by white side stripes between displaced thresholds. Edge lighting delineates width of 46 m. All runways have a public transport weight limit of 12500 kg.
		110 x m	1957 x 300 m		RWY 25  Threshold displaced by 237 m. Runway 07/25 30 m width delineated by white side stripes between displaced thresholds. Edge lighting delineates width of 46 m. All runways have a public transport weight limit of 12500 kg.
		135 x m	1005 x 80 m		RWY 01  Runway 01/19 23 m width delineated by side stripes on the eastern half. All runways have a public transport weight limit of 12500 kg.
		150 x m	1005 x 80 m		RWY 19  Runway 19 threshold displaced by 121 m. Runway 01/19 23 m width delineated by side stripes on the eastern half. All runways have a public transport weight limit of 12500 kg.

## EGNC AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
01	763 m	885 m	763 m	763 m	

## EGNC AD 2.13 DECLARED DISTANCES (continued)

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
19	885 m	1035 m	885 m	763 m	
01	620 m	755 m	620 m		Take-off from intersection of Runway 25
19	683 m	833 m	683 m		Take-off from intersection of Taxiway B
07	1690 m	1799 m	1690 m	1317 m	
25	1682 m	1799 m	1682 m	1445 m	
07	1030 m	1158 m	1030 m		Take-off from intersection of Taxiway D.
07	849 m	977 m	849 m		Take-off from intersection of Taxiway C
25	654 m	764 m	654 m		Take-off from intersection of Taxiway D
25	864 m	974 m	864 m		Take-off from intersection of Taxiway C

## EGNC 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
07		Green wingbars	PAPI Left/3.5° 39 ft			1837 60 m spacing White HI	Red.		<b>PAPI Dist from Thr:</b> 201 m The runway edge lighting is wider than the declared runway width by 7.5 m each side.
25	306 m Light intensity high.	Green.	PAPI Left/3.25° 30 ft			1837 60 m spacing White HI	Red.		<b>Approach Lighting:</b> One crossbar <b>PAPI Dist from Thr:</b> 162 m The runway edge lighting is wider than the declared runway width by 7.5 m each side.

## EGNC 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	
3	TWY edge and centre line lighting	Taxiway: . Edge. Blue edge lights on Taxiway A from apron to Threshold 19. Taxiway: . Edge. Blue edge lights on Taxiway B from apron to intersection Runway 19. Taxiway: . Centre line. Green centre-line lights on Runway 19 from Hold A onto intersection Runway 07/25.
4	Secondary power supply/switch-over time	Standby generator
5	Remarks	Apron floodlight. Apron blue edge lights.

## EGNC 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 :

## EGNC AD 2.16 HELICOPTER LANDING AREA (continued)

4	True bearing of FATO	
5	Declared distance available	
6	Approach and FATO lighting	
7	Remarks	Stands 1A and 1B are used for turbine helicopters. Helicopter landing area is directed by ATC, usually Threshold of Runway 19.

## EGNC 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
CARLISLE ATZ A circle, 2 nm radius centred at 545615N 0024833W on longest notified runway (07/25)	Upper limit: 2000 ft Lower limit: SFC	G	CARLISLE APPROACH English	3000 ft	

## EGNC AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
APP	CARLISLE AP- PROACH	123.600 MHz DOC 25 nm/6000 ft.	Winter 0900-1800 and by arrangement Summer 0800-1700 and by arrangement	ATZ hours co-incident with Approach hours and notified extension of hours, but not by arrangement.  <b>VDF</b> <b>545631.53N 0024802.66W</b>
TWR	CARLISLE TOWER	123.600 MHz	Winter 0900-1800 and by arrangement Summer 0800-1700 and by arrangement	<b>VDF</b> <b>545631.53N 0024802.66W</b>
ATIS	CARLISLE INFORMATION	118.425 MHz DOC 25 nm/10,000 ft.	Winter 0900-1800 and by arrangement Summer 0800-1700 and by arrangement	Also available on Tel: 01228-574123.
Other	CARLISLE FIRE	121.600 MHz Non-ATS frequency.	Available when Fire vehicle attending aircraft on the ground in an emergency.	
Other	CARLISLE RADIO	123.600 MHz A/G frequency.	Winter: 0900-1800 and by arrangement. Summer: 0800-1700 and by arrangement.	A/G service occasionally provided per week. Consult NOTAM for date.

## EGNC AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of Aid CAT of ILS/MLS (For VOR/ILS/MLS, give VAR)	Ident	Frequency	Hours of Operation	Position of transmitting antenna co-ordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DME	CO	44X 110.700 MHz	Winter 0900-1800 and by arrangement Summer 0800-1700 and by arrangement	545624.10N 0024818.69W	193 ft	On AD. Zero range is indicated at Threshold of Runway 25 only. Any ILS GP and/or LLZ indications should be ignored. Due to terrain effects, DME indication obtained beyond 7 nm in the sector 115° to 130° should be ignored except when flying in accordance with any notified direct

## EGNC AD 2.19 RADIO NAVIGATION AND LANDING AIDS (continued)

Type of Aid CAT of ILS/MLS (For VOR/ILS/MLS, give VAR)	Ident	Frequency	Hours of Operation	Position of transmitting antenna co- ordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
						arrival procedure at Carlisle. DOC 25 nm/10,000 ft
NDB (L)	CL	328.000 kHz	Winter 0900-1800 and by arrangement Summer 0800-1700 and by arrangement	545625.04N 0024819.67W		On AD. Range 20 nm. During adverse weather conditions NDB(L) CL is sub- ject to failure and should be used with caution.

## EGNC AD 2.20 LOCAL TRAFFIC REGULATIONS

**1 Airport Regulations**

- (a) Airport is only available to aircraft able to communicate with ATC by radio.
- (b) High visibility clothing must be worn on the apron at all times.
- (c) Aircraft using Carlisle Airport are to carry third party insurance cover of not less than £1,000,000.
- (d) Aircraft using Carlisle Airport do so in accordance with Carlisle Airport Terms and Conditions, a copy of which is available on application to Aircraft Operations Tel 01228-573641.

**2 Ground Movement**

- (a) The only usable taxiways are those from the apron to Runway 19 and that part of the disused Runway 13/31 that links 01/19 with 07/25.
- (b) Light aircraft pre-flight checks are conducted on the run-up area, northwest of Holding Point 'E'.

**3 CAT II/III Operations**

Not applicable.

**4 Warnings**

- (a) Pilots are reminded of the proximity of EG D510, 5 nm northeast.
- (b) Caution Runway incursion prevention. Taxiway Charlie and Delta intersect the midpoint of runway 07/25. Pilots are to adhere to ATC instructions/information and relevant ground markings at all times. See Aerodrome chart for hotspot locations
- (c) High ground to the southeast of the aerodrome between 7 and 10 nm rising to 1847 ft aal, 2037 ft amsl.

**5 Helicopter Operations**

- (a) Light helicopters may make approaches direct to HLS. Small helicopters are to land on RWY 19 THR area and ground taxi where possible.
- (b) Grass hover training area located between Runway 19 and disused Runway 13 with circuits north of Runway 07/25.
- (c) Confined space training area in wooded area.

**6 Use of Runways**

- (a) Runway 25 longitudinal profile, down slope gradient.
- (b) Runway 07 down slope gradient on initial take-off section.
- (c) Caution, Runway 25 threshold is not visible from 07 threshold and Holding Point 'C'.

**7 Training**

Not applicable.

## EGNC AD 2.21 NOISE ABATEMENT PROCEDURES

- (a) Ground running of engines should be conducted on the run-up area northwest of Holding Point 'E'.
- (b) At night the circuit direction will be varied to reduce noise nuisance to residents.

## EGNC AD 2.22 FLIGHT PROCEDURES

### 1 Instrument Approaches

- (a) Instrument Approach Procedures (IAP) for this aerodrome are established outside controlled airspace. See ENR 1.5.

### 2 Procedures for Inbound Aircraft

Approach from	Runway	Via	Route
S	07/25	N601, N57	POL – ABEVI – direct arrival from South DME/NDB procedure.
W	07 25	N57	DCS – direct arrival from Southwest DME/NDB procedure. DCS – CL
N (See Note)	07 25	N57	TLA – direct arrival from Northwest DME/NDB procedure. TLA – CL
E	07 25		NATEB – CL NATEB – direct arrival from East DME/NDB procedure.

**Note:** Pilots routing TLA - CL should note the proximity of Danger Area EG D510.

### 3 Procedures for Outbound Aircraft

- (a) The standard routes for aircraft joining the Airways System are shown in the table below:

Departure to	Via	Route
S	N57, L612, N864	DCS
SE	Y70 UL602, P15, P18	NATEB NATEB
N (See Note)	N57, N601	TLA
NW	L612	TLA
E		NATEB

**Note:** Pilots routing TLA - CL should note the proximity of Danger Area EG D510.

- (b) All departures are outside Controlled Airspace. Radar service may be provided by Scottish Control or Newcastle radar, FL 50 or above.
- (c) Routing direct to LAKEY, SHAPP, GASKO, ABEVI and POL are not permitted.

### 4 Transiting Aircraft

- (a) Aircraft transiting either NDB(L) CL or in the vicinity of Carlisle aerodrome outside published aerodrome hours should listen out 123.600 MHz.

### 5 Circuit Height

- (a) 1000 ft, normally LH.

### 6 Radio Communications Failure Procedure

- (a) In the event of a complete radio communication failure in the aircraft the pilot will adopt the appropriate procedure described in ENR 1.1 Sub section 4.



**EGNC AD 2.22 FLIGHT PROCEDURES (continued)****7 Visual Reference Points (VRP)**

VRP	Co-ordinates
Annan	545923N 0031521W
Alston	544834N 0022638W
Gretna	545944N 0030403W
Haltwhistle	545808N 0022744W
Langholm	550911N 0030000W
Lockerbie	550714N 0032124W
Penrith	543952N 0024501W
Silloth	545205N 0032341W
Wigton	544929N 0030940W
Workington	543906N 0033440W

**EGNC AD 2.23 ADDITIONAL INFORMATION**

- (a) During certain conditions of high atmospheric pressure, pilots may sometimes hear transmissions from aircraft communicating with Cambridge. Please inform Carlisle ATC.

**EGNC AD 2.24 CHARTS RELATED TO AN AERODROME**

*Figure: AERODROME CHART - ICAO*

AD 2-EGNC-2-1

*Figure: AIRCRAFT PARKING/DOCKING CHART - ICAO*

AD 2-EGNC-2-2

*Figure: INSTRUMENT APPROACH CHART NDB(L)/DME RWY 07 (ACFT CAT A, B, C) - ICAO*

AD 2-EGNC-8-1

*Figure: INSTRUMENT APPROACH CHART DIRECT ARRIVALS TO NDB(L)/DME RWY 07 (ACFT CAT A, B, C) - ICAO*

AD 2-EGNC-8-2

*Figure: INSTRUMENT APPROACH CHART NDB(L) AERODROME (ACFT CAT A, B, C) - ICAO*

AD 2-EGNC-8-3

*Figure: INSTRUMENT APPROACH CHART NDB(L)/DME RWY 25 (ACFT CAT A, B, C) - ICAO*

AD 2-EGNC-8-4

*Figure: INSTRUMENT APPROACH CHART DIRECT ARRIVALS TO NDB(L)/DME RWY 25 (ACFT CAT A, B, C) - ICAO*

AD 2-EGNC-8-5

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