

EGPN — DUNDEE

EGPN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGPN — DUNDEE

EGPN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 562709N Long: 0030133W Mid point of Runway 09/27
2	Direction and distance from city	0.5 nm S of Dundee.
3	Elevation / Reference temperature	17 ft / 16 C
4	Geoid undulation at AD ELEV PSN	169 FT
5	Magnetic Variation/ Annual Change	2.32°W (2017) / 0.17°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	DUNDEE AIRPORT LTD Post: Dundee Airport, Riverside Drive, Dundee, DD2 1UH. Phone: 01382-643242 (General Enquiries) Phone: 01382-662220 (ATC) Phone: 01382-662233 (Fuel) Phone: 01382-662200 (Administration and Ground Handling) Phone: 01382-662222 (ATIS) Fax: 01382-641263 (Flight notifications, Customs and Immigration) Fax: 01382-662221 (ATC)
7	Type of Traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	

EGPN AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: Mon-Fri 0645-2045; Sat 1015-1545; Sun 1015-2045. And by arrangement. Summer: Mon-Fri 0545-1945; Sat 0915-1445; Sun 0915-1945. And by arrangement.
2	Customs and Immigration	Prior notice required
3	Health and sanitation	
4	AIS Briefing Office	As AD hours.
5	ATS Reporting Office (ARO)	Via ATC.
6	MET Briefing Office	Via ATC.
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	As AD hours.
12	Remarks	This Aerodrome is PPR . Light Aircraft by phone to ATC, all others by Fax to Flight Notifications or by email to InfoDundee@HIAL.co.uk.

EGPN AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Limited. Prior notice required.
2	Fuel and oil types	AVTUR JET A-1 AVGAS 100LL W50, W80, W100
3	Fuelling facilities/capacity	AVTUR JET A-1: 100, 000 lt bulk tank, 20,000 lt mobile bowser. AVGAS 100LL: 30,000 lt bulk tank. Fixed Refuelling Point.
4	De-icing facilities	Mobile aircraft de-icing rig.
5	Hangar space for visiting aircraft	Limited
6	Repair facilities for visiting aircraft	Limited
7	Remarks	Dundee Handling will co-ordinate all Public Transport flights. AVGAS 100LL refuelling available through Tayside Aviation Ltd, 01382-644372. Available 0900-1700 (winter); 0800-1600 (summer). Out of hours by arrangement.

EGPN AD 2.4 HANDLING SERVICES AND FACILITIES (continued)

AVGAS refuelling of helicopters not available. Rotors-running refuelling (AVTUR Jet A1) of helicopters is available but restricted to pressure fed refuelling only.

EGPN AD 2.5 PASSENGER FACILITIES

1	Hotels	750 meters. Five within 2 km.
2	Restaurants	Snackbar in terminal. Licensed restaurant 200 m west of aerodrome entrance.
3	Transportation	Taxis and car hire. Nearest railway station Dundee 3 km.
4	Medical facilities	First aid treatment.
5	Bank and Post Office	
6	Tourist Office	In Terminal.
7	Remarks	

EGPN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	RFF Category A4
2	Rescue equipment	Water and mud rescue facilities are available for Runways 09/27 during normal published hours of operation, subject to serviceability of equipment, at times when the weather conditions and sea state are conducive to such rescue operation.
3	Capability for removal of disabled aircraft	Arrangements are in place with an off site contractor. Lifting capability 20 tonnes.
4	Remarks	RFF Category 6: Winter: Mon-Fri 1100-1300; Sat 1015-1300; Sun 1015-1300. And by arrangement. Summer: Mon-Fri 1000-1200; Sat 0915-1200; Sun 0915-1200. And by arrangement.

EGPN AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type of clearing equipment	Mechanical, Chemical de-icing.
2	Clearance priorities	Runway 09/27, Taxiway A, Taxiway B, Apron, Taxiway D, Taxiway E.
3	Remarks	Runway surface conditions during winter weather is reported giving details of the type, depth and extent of contamination for each third of the runway. Up to date information on Runway surface conditions can be obtained from ATC on 01382-662220.

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

1	Apron surface and strength	MAIN APRON Surface: Macadam.
2	Taxiway width, surface and strength	Taxiway A: 15 m. Surface: Macadam. PCN 26 Taxiway B: 15 m. Surface: Macadam. PCN 26 Taxiway C: 10.5 m. Surface: Macadam. PCN 8 Taxiway D: 10.5 m. Surface: Macadam. PCN 8 Taxiway E: 10.5 m. Surface: Macadam.
3	Altimeter checkpoint location and elevation	Stand 1: 14 ft - Stand 2: 13 ft
4	VOR checkpoints	
5	INS checkpoints	See Aerodrome Chart.

EGPN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA (continued)

6	Remarks	Pedestrian access between the airport terminal complex and the Western apron (located on the north side of Taxiway C) is by means of a marked footpath which can be found located to the rear of the parking area. Aircrew are reminded that access to and from this area is not permitted via the active taxiways.
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EGPN 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	Stands 1 and 2 marked for self manoeuvring with marshallers assistance. Stand 1 has two power back/push back stands for Fairchild Dornier 328 aircraft or fuselage length less than 23 m by arrangement.
2	Runway and taxiway markings and lighting	Runway marking aid(s): : Runway designators, centre-line and threshold markings on both runways. Runway light(s): : Runway guard lights at Holding Point A and B.
3	Stop bars	
4	Remarks	

EGPN 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
09/APPROACH 27/TAKE-OFF	Tree	562735.61N 0031204.92W	659 ft		No	
09/APPROACH 27/TAKE-OFF	Pylon	562732.54N 0030742.62W	296 ft		No	
09/APPROACH 27/TAKE-OFF	Tree	562718.33N 0030340.43W	110 ft		No	
27/APPROACH 09/TAKE-OFF	Chimney	562714.42N 0025937.20W	105 ft		No	
27/APPROACH 09/TAKE-OFF	Tree	562712.29N 0030029.05W	59 ft		No	
27/APPROACH 09/TAKE-OFF	Windsock	562705.65N 0030100.14W	38 ft		Yes	
27/APPROACH 09/TAKE-OFF	Tree	562648.30N 0025418.42W	418 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
	Pylon	562926.85N 0030344.99W	595 ft		No	
	Chimney	562821.89N 0030012.26W	578 ft		No	
	Mast	562812.83N 0025922.06W	653 ft		Yes	
	Water tower	562804.63N 0030136.99W	451 ft		No	
	Building	562753.72N 0030045.29W	518 ft		No	
	Chimney	562745.46N 0030202.96W	377 ft		No	
	Building	562728.57N 0025909.15W	220 ft		No	
	Church Spire	562722.69N 0025943.66W	234 ft		No	

EGPN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	ABERDEEN.
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	ABERDEEN. 9 hours
4	Trend forecast Interval of issuance	TAFs, METARs TAFs, METARs. TAFs 3 hours. METARs 30 minutes.
5	Briefing/consultation provided	Self briefing.
6	Flight documentation Language(s) used	On request. English
7	Charts and other information available for briefing or consultation	Upper wind/temperature - Significant weather.
8	Supplementary equipment available for providing information	
9	ATS units provided with information	
10	Additional information (limitation of service, etc.)	METAR information available by ATIS on Telephone: 01382-662222

EGPN 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
09	090.51°	1400 x 30 m	RWY surface: Asphalt, grooved. PCN 27/F/D/Y/T SWY surface: Asphalt, grooved.	562708.88N 0030213.85W 169 ft	THR 17 ft
27	270.53°	1400 x 30 m	RWY surface: Asphalt, grooved. PCN 27/F/D/Y/T SWY surface: Asphalt, grooved.	562708.47N 0030052.10W 169 ft	THR 14 ft

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
	81 x m	170 x 150 m	See Remarks		RWY 09 Strip Dimensions: 1520 x 150 m
	81 x m	212 x 150 m	See Remarks		RWY 27 Strip Dimensions: 1520 x 80 m

EGPN AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
09	1319 m	1319 m	1400 m	1400 m	
27	1319 m	1319 m	1400 m	1400 m	

EGPN 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
09	375 m Light intensity high.	HI elevated green with HI elevated green wingbars	PAPI Left/3° 46 ft			HI Elevated bi-directional with LI omni-directional component. White with end 360 m yellow 'caution zone'.	Elevated Red		Approach Lighting: Uni-directional simple approach with two crossbars PAPI Dist from THR: 285 m
27		HI elevated green	PAPI Left/3.75° 41 ft			HI Elevated bi-directional with LI omni-directional component. White with end 360 m yellow 'caution zone'.	Elevated Red		PAPI Dist from THR: 205 m

EGPN 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: 562705.67N 0030059.56W - 562705.56N 0030213.80W 562705.65N 0030100.14W - 562705.59N 0030212.56W
3	TWY edge and centre line lighting	Taxiway: . Edge. Apron and Taxiways A, B, D and E blue edge lights. Taxiway C unlit. Only available daylight with ATC approval.
4	Secondary power supply/switch-over time	Standby Generator/10 seconds.
5	Remarks	

EGPN 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 :
4	True bearing of FATO	
5	Declared distance available	
6	Approach and FATO lighting	
7	Remarks	Helicopters approach to the threshold of the runway in use and then reposition to the apron or parking area as directed by ATC.

EGPN 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
DUNDEE ATZ A circle, 2 nm radius centred at 562709N 0030133W on longest notified runway (09/27)	Upper limit: 2000 ft Lower limit: SFC	G	DUNDEE APPROACH English	3000 ft	Because of operational difficulties caused by the siting of the ATC facility, flight in the ATZ to the North of Runway 09/27, and the extended centre-line, is not normally permitted.

EGPN AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
APP	DUNDEE APPROACH	122.900 MHz DOC 25 nm/10,000 ft	Winter: Mon-Fri 0645-2045; Sat 1015-1545; Sun 1015-2045. And by arrangement. Summer: Mon-Fri 0545-1945; Sat 0915-1445; Sun 0915-1945. And by arrangement.	ATZ hours coincident with Approach hours, but not by arrangement. VDF 562705.80N 0030135.80W
TWR	DUNDEE TOWER	122.900 MHz DOC 25 nm/10,000 ft.	Winter: Mon-Fri 0645-2045; Sat 1015-1545; Sun 1015-2045. And by arrangement. Summer: Mon-Fri 0545-1945; Sat 0915-1445; Sun 0915-1945. And by arrangement.	VDF 562705.80N 0030135.80W
Other	DUNDEE RESCUE	121.600 MHz Non-ATS frequency.	Available when Fire vehicle attending aircraft on the ground in an emergency.	
ATIS	DUNDEE INFORMATION	119.325 MHz DOC 60 nm/20,000 ft	Winter: Mon-Fri 0645-2045; Sat 1015-1545; Sun 1015-2045. And by arrangement. Summer: Mon-Fri 0545-1945; Sat 0915-1445; Sun 0915-1945. And by arrangement.	

EGPN 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	IDDE	18X 108.100 MHz	Winter: Mon-Fri 0645-2045; Sat 1015-1545; Sun 1015-2045. And by arrangement. Sum- mer: Mon-Fri 0545- 1945; Sat 0915- 1445; Sun 0915- 1945. And by ar- rangement.	562705.76N 0030133.03W	31 ft	(RWY 09) On AD. Freq paired with 108.10 MHz. Zero range is indi- cated at threshold of Runway 09 and Runway 27. Due to terrain ef- fects, the DME may unlock in the sector 035° to 057° MAG.
NDB (L)	DND	394.000 kHz	Winter: Mon-Fri 0645-2045; Sat 1015-1545; Sun 1015-2045. And by arrangement. Sum- mer: Mon-Fri 0545- 1945; Sat 0915- 1445; Sun 0915- 1945. And by ar- rangement.	562718.24N 0030653.73W		Range 25 nm. Off aerodrome 2.6 nm from Runway 09 Threshold.
ILS/DME I 2.32°W (2017)	IDDE	108.100 MHz	Winter: Mon-Fri 0645-2045; Sat 1015-1545; Sun 1015-2045. And by arrangement. Sum- mer: Mon-Fri 0545- 1945; Sat 0915- 1445; Sun 0915- 1945. And by ar- rangement.	562708.42N 0030042.63W		(RWY 09)
ILS/DME/GP	IDDE	334.700 MHz	Winter: Mon-Fri 0645-2045; Sat 1015-1545; Sun 1015-2045. And by arrangement. Sum- mer: Mon-Fri 0545- 1945; Sat 0915- 1445; Sun 0915- 1945. And by ar- rangement.	562712.04N 0030159.49W		(RWY 09) 3° ILS Ref Datum Hgt 41 ft. Quality of GP guidance is not suitable for coupled approaches below 200 ft. Due to terrain, LOC and GP flag alarms may be experienced at northern edge of coverage when be- low glidepath sec- tor. Full scale fly-up in- dications may not be maintained when left of centre-line and below GP.



EGPN AD 2.20 LOCAL TRAFFIC REGULATIONS

1 Aerodrome Regulations

- (a) All training flights are strictly PPR. For full conditions see section 7 Training.
- (b) This aerodrome is not available for aircraft not able to communicate with ATC by radio.
- (c) Because of rising high ground and a dense urban area, the view to the north from the ATC VCR is restricted. Local aircraft movements to the north of the aerodrome are restricted.
- (d) Use of Dundee aerodrome is subject to standard Terms and Conditions of Use, which can be requested from the aerodrome or found at www.hial.co.uk.

2 Ground Movement

Not applicable.

3 CAT II/III Operations

Not applicable.

EGPN AD 2.20 LOCAL TRAFFIC REGULATIONS (continued)

4 Warnings

- (a) Aerodrome is in the vicinity of Leuchars MATZ.
- (b) Because of the surrounding open spaces and tidal mud flats adjacent to the aerodrome, birds are a constant hazard at Dundee. At high tide Waders tend to roost on grass areas of the aerodrome. Throughout most of the year the hazard is moderate but may become severe at short notice when large concentrations of migratory birds pass throughout the area.
- (c) Taxiway Charlie is restricted to aircraft with weight of 5700 kg or less. The width of this taxiway is 10.5 m with asphalt surface.
- (d) Caution - Runway 09 GP Mast (Lgtd) (15 m agl - 100 m north of Runway 09 threshold area) infringes the 1:10 obstacle protected surface projected from the runway centre-line.
- (e) Due to the constraints of the circuit, TCAS equipped aircraft should be aware that there is an increased chance of TCAS events occurring whilst joining or flying within the visual circuit.

5 Helicopter Operations

Not applicable.

6 Use of Runways

Not applicable.

7 Training

- (a) All training is subject to prior notification.
- (b) All Instrument training is subject to prior booking with Air Traffic Control Tel: 01382-662220. The filing of a flight plan with intention to conduct instrument training does not constitute prior notification or booking. Failing to make a booking may result in aircraft being refused use of the facilities.
- (c) Instrument training slots may be reserved up to 24 hours ahead of intended operation however bookings must be confirmed prior to departure.

EGPN AD 2.21 NOISE ABATEMENT PROCEDURES

- (a) Pilots should avoid overflying Nine-Wells Hospital (1.2 nm bearing 306°T from the aerodrome).
- (b) Helicopters should avoid overflying the Docks area below 800 ft amsl.

EGPN AD 2.22 FLIGHT PROCEDURES

1 Circuits

- (a) Circuit directions: Runway 09 - RH; Runway 27 - LH.
- (b) Circuit Height: 1000 ft aal unless otherwise directed by ATC.

2 Departures

- (a) To reduce conflict with traffic operating within the Leuchars MATZ, ATC may instruct VFR aircraft departing to the east to remain at not above 1000 ft amsl until passing Broughty Castle northbound.
- (b) Jet and Turbine aircraft departing to the north are required to either climb straight ahead to 2000 ft before setting course or are to turn south off runway heading and set course overhead not below 2000 ft. ATC will advise the preferred option dependent on the traffic situation at the time.
- (c) Unless otherwise directed by ATC, VFR departures to the east from Runway 27 and VFR departures to the west from Runway 09 will be expected to depart the circuit from the end of the down-wind leg. The down-wind leg in both instances is south of the midpoint of the Firth of Tay.
- (d) To reduce traffic confliction, VFR departures to the east from Runway 27 should leave the down-wind leg and follow the south bank of the Firth of Tay towards the estuary mouth and only turn north after passing abeam Broughty Castle VRP.
- (e) If for any reason flight over water is undesirable, inform ATC and an alternative routing may be offered, subject to traffic, which reduces or removes the need to overfly the Firth of Tay.

EGPN AD 2.22 FLIGHT PROCEDURES (continued)**3 Arrivals**

- (a) Unless otherwise directed by ATC, IFR flights conducting a visual approach to either runway should expect to descend not below 2000 ft until directed by ATC and anticipate establishing on final approach no closer than 4 miles from touch-down.

4 Missed Approach Procedure

- (a) EG D604 is 7 nm east of Dundee ARP. If it appears likely that during the standard missed approach, low performance aircraft will infringe EG D604 then such aircraft should turn right at I-DDE DME 4 onto track 138°M and climb to 2000 (1983) ft before turning right to return to NDB(L) DND at 3000 ft. Pilots should advise ATC on turning onto 138°M and expect to change to Leuchars Approach when instructed for radar assistance.

5 Instrument Approach Procedures

- (a) Instrument Approach Procedures (IAP) for this aerodrome are established outside controlled airspace. See ENR 1.5
- (b) NDB(L) and DME I-DDE are not co-located.
- (c) The Category C instrument approach procedure to Dundee Airport infringes the Perth ATZ (when active) at 1800 ft above Perth aerodrome elevation. To allow Dundee ATC to liaise with Perth AGCS aircraft requiring to make a Category C instrument approach must advise Dundee ATC on first contact or by means of the Remarks field of the inbound Flight Plan.

6 Visual Reference Points (VRP)

- (a) A Visual Reference Point is established for use by aerodrome and en-route traffic as follows:

VRP	Co-ordinates
Broughty Castle	562745N 0025211W.

EGPN AD 2.23 ADDITIONAL INFORMATION

Not applicable.

EGPN AD 2.24 CHARTS RELATED TO AN AERODROME

Figure: AERODROME CHART - ICAO

AD 2-EGPN-2-1

Figure: VFR ARRIVAL AND DEPARTURE ROUTES

AD 2-EGPN-4-1

Figure: INSTRUMENT APPROACH CHART ILS/DME RWY 09 (ACFT CAT A, B, C) - ICAO

AD 2-EGPN-8-1

Figure: INSTRUMENT APPROACH CHART LOC/DME RWY 09 (ACFT CAT A, B, C) - ICAO

AD 2-EGPN-8-2

Figure: INSTRUMENT APPROACH CHART RNAV (GNSS) RWY 09 (ACFT CAT A, B, C) - ICAO

AD 2-EGPN-8-3

Figure: INSTRUMENT APPROACH CHART NDB(L)/DME RWY 09 (ACFT CAT A, B, C) - ICAO

AD 2-EGPN-8-4

Figure: INSTRUMENT APPROACH CHART RNAV (GNSS) RWY 27 (ACFT CAT A, B, C) - ICAO

AD 2-EGPN-8-5

Figure: INSTRUMENT APPROACH PROCEDURE CODING TABLES RNAV (GNSS) RWY 09

AD 2-EGPN-8-6

Figure: INSTRUMENT APPROACH PROCEDURE CODING TABLES RNAV (GNSS) RWY 27

AD 2-EGPN-8-7

Figure: SBAS FAS DATA BLOCK CODING DATA RNAV (GNSS) RWY 09

AD 2-EGPN-8-8

EGPN AD 2.24 CHARTS RELATED TO AN AERODROME (continued)

Figure: SBAS FAS DATA BLOCK CODING DATA RNAV (GNSS) RWY 27

AD 2-EGPN-8-9