

## EGPR — BARRA

## EGPR AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGPR — BARRA

## EGPR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 570125N Long: 0072630W Centre point of airport is 140 m West of Runway 29 threshold on South edge of Runway 11/29
2	Direction and distance from city	4.3 nm NE of Castle Bay.
3	Elevation / Reference temperature	3.64 ft / 14 C
4	Geoid undulation at AD ELEV PSN	190 FT
5	Magnetic Variation/ Annual Change	4.35°W (2017) / 0.18°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	HIAL Post: Barra Aerodrome, North Bay, Isle of Barra, Western Isles, HS9 5YD. Phone: 01871-890212 Fax: 01871-890220 Email: Barrafiso@hial.co.uk
7	Type of Traffic permitted (IFR/VFR)	VFR
8	Remarks	

## EGPR AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: Mon-Sat 1030-1530; Sun 1130-1245; and by arrangement with AD operator (HIAL). Summer: Mon-Sat 0930-1430; Sun 1030-1145; and by arrangement with AD operator (HIAL). AD availability subject to tidal variation.
2	Customs and Immigration	
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	
9	Handling	
10	Security	
11	De-icing	
12	Remarks	This aerodrome is strictly <b>PPR</b> due to tidal variation. Aircraft movements at Barra prohibited outside AD/ATS hours except in emergency.

## EGPR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	
2	Fuel and oil types	
3	Fuelling facilities/capacity	
4	De-icing facilities	
5	Hangar space for visiting aircraft	
6	Repair facilities for visiting aircraft	
7	Remarks	

**EGPR AD 2.5 PASSENGER FACILITIES**

1	Hotels	On Island.
2	Restaurants	Cafeteria in Terminal.
3	Transportation	Car Hire, Taxis and Bus on Island.
4	Medical facilities	First Aid, Local Doctor and Ambulance available.
5	Bank and Post Office	Located at Castlebay.
6	Tourist Office	Located at Castlebay.
7	Remarks	Wheelchair and Stairclimber available for disabled passenger handling.

**EGPR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1	AD category for fire fighting	RFF Category A3
2	Rescue equipment	Water rescue facilities are available for all Runways during published opening hours and special openings subject to, serviceability of equipment and times when the weather conditions and sea state are conducive to such rescue operations.
3	Capability for removal of disabled aircraft	
4	Remarks	

**EGPR AD 2.7 SEASONAL AVAILABILITY - CLEARING****EGPR 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	

**EGPR 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	

## EGPR 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	Marker Post	570126.37N 0072659.24W	15 ft		No	
11/APPROACH 29/TAKE-OFF	High Ground	570130.86N 0072717.25W	75 ft		No	
11/APPROACH 29/TAKE-OFF	Marker Post	570129.27N 0072659.82W	23 ft		No	
11/APPROACH 29/TAKE-OFF	Road	570129.06N 0072700.41W	29 ft		No	
15/APPROACH 33/TAKE-OFF	High Ground	570141.46N 0072709.84W	77 ft		No	
15/APPROACH 33/TAKE-OFF	Road	570133.72N 0072653.50W	27 ft		No	
15/APPROACH 33/TAKE-OFF	Marker Post	570133.64N 0072653.22W	22 ft		No	
29/APPROACH 11/TAKE-OFF	Marker Post	570124.70N 0072615.42W	16 ft		No	
33/APPROACH 15/TAKE-OFF	Marker Post	570110.87N 0072617.55W	13 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
	High Ground	565757.75N 0072805.43W	1257 ft		No	

## EGPR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	
2	Hours of service MET Office outside hours	
3	Office responsible for TAF preparation Periods of validity	
4	Trend forecast Interval of issuance	
5	Briefing/consultation provided	
6	Flight documentation Language(s) used	
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.)	

## EGPR 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	066.06°	799 x 60 m	RWY surface: Sand.	570129.01N 0072648.43W 190 ft	THR 4 ft
25	246.07°	799 x 60 m	RWY surface: Sand.	570139.48N 0072605.17W 190 ft	THR 1 ft
11	100.68°	680 x 46 m	RWY surface: Sand.	570128.67N 0072654.00W 190 ft	THR 4 ft
29	280.69°	680 x 46 m	RWY surface: Sand.	570125.30N 0072621.24W 190 ft	THR 1 ft
15	139.48°	846 x 46 m	RWY surface: Sand.	570131.18N 0072649.38W 190 ft	THR 4 ft
33	319.48°	846 x 46 m	RWY surface: Sand.	570113.32N 0072621.39W 190 ft	THR 1 ft

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
					RWY 07
					RWY 25
					RWY 11 Threshold displaced by 50 m to allow 1:20 over marker post.
					RWY 29 Threshold displaced by 70 m to allow 1:20 over marker post.
					RWY 15 Threshold displaced by 50 m to clear marker post and dunes.
					RWY 33 Threshold displaced by 70 m to clear marker post.

## EGPR AD 2.13 DECLARED DISTANCES

Runway designator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
07	799 m	799 m	799 m	799 m	
25	799 m	799 m	799 m	799 m	
11	667 m	667 m	667 m	617 m	
29	667 m	667 m	667 m	597 m	
15	799 m	799 m	799 m	796 m	
33	799 m	799 m	799 m	776 m	

## EGPR AD 2.14 APPROACH AND RUNWAY LIGHTING

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## EGPR 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	
4	Secondary power supply/switch-over time	Generator/15 seconds
5	Remarks	

## EGPR AD 2.16 HELICOPTER LANDING AREA

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## EGPR 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
BARRA ATZ A circle, 2 nm radius centred at 570122N 0072635W on longest notified runway (15/33)	Upper limit: 2000 ft Lower limit: SFC	G	BARRA INFORMATION English	3000 ft	

## EGPR AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
AFIS	BARRA INFORMATION	118.075 MHz DOC 25 nm/4000 ft.	Winter: Mon-Sat 1030-1530; Sun 1130-1245. Summer: Mon-Sat 0930-1430; Sun 1030-1145.	ATZ hours coincident with AFIS hours, but <b>not</b> by arrangement.  ATZ/AFIS Mon-Fri hours of service regularly change due to tidal variation, consult FIS Barra for information.

## EGPR 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
NDB	BRR	316.000 kHz	Winter: Mon-Sat 1030-1530; Sun 1130-1245. Summer: Mon-Sat 0930-1430; Sun 1030-1145 and by arrangement.	570132.26N 0072656.12W		On AD. Range 15 nm.

## EGPR AD 2.20 LOCAL TRAFFIC REGULATIONS

## 1 Airport Regulations

- (a) Use of Barra aerodrome is subject to standard Terms and Conditions of Use, which can be requested from the aerodrome.

## 2 Ground Movement

- (a) Marshalling is not available and aircraft have to self park.

## EGPR AD 2.20 LOCAL TRAFFIC REGULATIONS (continued)

### 3 CAT II/III Operations

Not applicable

### 4 Warnings

- (a) The landing and take-off areas may be considerably ridged by hard sand and contain pools of standing water. These are potential hazards to aircraft.
- (b) The bearing strength, braking action and contamination of the beach is unknown, variable and unpredictable.
- (c) Some downdraughts may be experienced at the western end of Runway 07/25 in strong wind from the west through south.
- (d) Pilots should be aware that cockling activities frequently take place between the runway markers and the tide-line. Both pedestrian and vehicular activity may occur and from the air may appear to infringe the runway thresholds during published aerodrome opening hours. This activity is closely monitored by FIS. A flashing white light on top of the Control Tower advises the local Cocklers that an aircraft movement is imminent and is in no way to be used as a navigational aid by aircrew.
- (e) High ground rising to 338 ft amsl 0.75 nm to the north.  
High ground rising to 294 ft amsl 2.2 nm to the northeast.  
High ground rising to 680 ft amsl within 1.5 nm to the south.  
High ground rising to 680 ft amsl within 1.5 nm to the south.  
Telegraph wires 20 ft amsl, adjacent to the western boundary of the landing area.

Obstacle protected surfaces are infringed by high ground up to 700 ft amsl between the south and west, and to a lesser extent by high ground up to 340 ft amsl to the north of the aerodrome. The minima of 3 km visibility and cloud base of 1000 ft aal must therefore be strictly adhered to, except where an AOC holder has a less restrictive State authorised approach minima. Pilots must be able to see and avoid obstacles on take-off and landing.

### 5 Helicopter Operations

Not applicable

### 6 Use of Runways

- (a) Runway departure restriction for aircraft requiring the use of a licensed aerodrome:
  - (i) Runways 07/25, 11/29 and 15/33. Except where an AOC holder has a less restrictive State authorised take-off minima, departures when the reported MET visibility is 800 m or less are not permitted.

### 7 Training

Not applicable

## EGPR AD 2.21 NOISE ABATEMENT PROCEDURES

Not applicable

## EGPR AD 2.22 FLIGHT PROCEDURES

Not applicable

## EGPR AD 2.23 ADDITIONAL INFORMATION

Not applicable

## EGPR AD 2.24 CHARTS RELATED TO AN AERODROME

*Figure: AERODROME CHART – ICAO*

AD 2-EGPR-2-1

*Figure: INSTRUMENT APPROACH CHART RNAV (GNSS) RWY 15 (ACFT CAT A, B) - ICAO*

AD 2-EGPR-8-1

*Figure: INSTRUMENT APPROACH CHART RNAV (GNSS) RWY 25 (ACFT CAT A, B) - ICAO*

**EGPR AD 2.24 CHARTS RELATED TO AN AERODROME (continued)**

AD 2-EGPR-8-2

*Figure: INSTRUMENT APPROACH PROCEDURE CODING TABLES RNAV (GNSS) RWY 15 - ICAO*

AD 2-EGPR-8-3

*Figure: SBAS FAS DATA BLOCK CODING DATA RNAV (GNSS) RWY 15 – ICAO*

AD 2-EGPR-8-4

*Figure: INSTRUMENT APPROACH PROCEDURE CODING TABLES RNAV (GNSS) RWY 25 - ICAO*

AD 2-EGPR-8-5

*Figure: SBAS FAS DATA BLOCK CODING DATA RNAV (GNSS) RWY 25 – ICAO*

AD 2-EGPR-8-6

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