

AD 2 AERODROMES**LPGR AD 2.****LPGR AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

LPGR - GRACIOSA

LPGR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site	LAT: 390533N: LONG:0280143W Intersection Runway 09/27 Centre line with Taxiway A Centre line
2	Direction and distance of ARP from city or town	2 KM (1 NM) WNW from Santa Cruz da Graciosa
3	Elevation/Reference temperature	26M / 86 FT 24.2 C (AUG)
4	Geoid undulation at aerodrome elevation position	58.69M
5	MAG VAR/Annual change	12° W (JAN 2006) / 0,18° decreasing
6	AD Administration, address, telephone, telefax, telex, AFS	AD ADMINISTRATION Post: SATA Gestão de Aeródromos SA Avenida Infante D. Henrique, 55 9500-150 Ponta Delgada Azores - Portugal Phone: +351 296 209 710, +351 296 209 711 Fax: +351 296 672 090 Email: pdldasp@sata.pt AD AIRPORT OPERATIONS MANAGER Post: Aeroporto da Ilha da Graciosa Estrada do Aeroporto 9880-343 Santa Cruz da Graciosa Azores - Portugal Phone: +351 295 730 177 Phone: + 351 917 949 075 Fax: +351 295 732 203 Email: lpgrdyda@sata.pt SITA: GRWSAXH AFS: NIL
7	Types of traffic permitted (IFR/VFR)	IFR-VFR
8	Remarks	NIL

LPGR AD 2.3 OPERATIONAL HOURS

1	AD Administration	MON-FRI 10:00-13:00 and 15:00-18:00 (09:00-12:00 and 14:00-17:00) SAT and SUN - Aerodrome closed
2	Customs and immigration	Not available
3	Health and sanitation	Not available
4	AIS Briefing Office*	NIL
5	ATS Reporting Office (ARO)	NIL

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6	MET Briefing Office	Summer: 06:00-11:00 and 12:00-17:00 Winter: 08:00-18:00
7	ATS	NIL
8	Fuelling	NIL
9	Handling	MON-FRI 10:00-13:00 and 15:00-18:00 (09:00-12:00 and 14:00-17:00)
10	Security	MON-FRI 10:00-13:00 and 15:00-18:00 (09:00-12:00 and 14:00-17:00)
11	De-icing	NIL
12	Remarks	AD Operational Hours : SAT and SUN Aerodrome closed Aerodrome operational extension or reopening subject to following conditions: -Other periods under PPR to the Aerodrome Director at least two hours before the planned flight. - PPR to the Aerodrome Director until FRIDAY 17:00 (16:00) to reopening operation on weekend.* AIS available on request through LPPD AIS Briefing Office

LPGR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities:	Available by SATA Air Açores
2	Fuel/oil types	NIL
3	Fuelling facilities/capacity	NIL
4	De-icing facilities	NIL
5	Hangar space available for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	Oxygen and related servicing: NIL

LPGR AD 2.5 PASSENGER FACILITIES

1	Hotels	Residentials in City (Santa Cruz da Graciosa)
2	Restaurants	Restaurants in City (Santa Cruz da Graciosa)
3	Transportation	Buses, Taxis and Rent a Car
4	Medical facilities	Hospital in Santa Cruz da Graciosa (2KM from Aerodrome).
5	Bank and Post Office	Banks in City (Santa Cruz da Graciosa) Post Office in City (Santa Cruz da Graciosa)
6	Tourist Office	Tourist Office in City (Santa Cruz da Graciosa)
7	Remarks	NIL

LPGR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 6
2	Rescue equipment	1 vehicle with 6000 litres of capacity - E-ONE HPR 1 vehicle with 6000 litres of capacity - E-ONE 1 vehicle with 6.000 litres of capacity - E-ONE HPR 1 vehicle with 6.000 litres of capacity - E-ONE
3	Capability for removal of disabled aircraft	NIL
4	Remarks	Fire Station Phone: + 351 295 730 179

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LPGR AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type(s) of clearing equipment	NIL *
2	Clearance priorities	NIL
3	Remarks	* The Aerodrome is serviceable during all seasons of the year.

LPGR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron Surface and Strength		APRON	SURFACE	STRENGTH	
			ALPHA	ASPH	LCN 25 PCN Under evaluation	
2	Taxiway width, surface and strength		TAXIWAY	WIDTH	SURFACE	STRENGTH
			ALPHA	23M	ASPH	LCN 25 PCN under evaluation
3	Altimeter Checkpoint location and elevation		LOCATION		ELEVATION	
			THR 09		24.82M / 81FT	
			THR 27		25.92M / 85FT	
4	VOR Checkpoint locations		Not established			
5	INS Checkpoint positions	RAMP / STAND	INS COORDINATES	ELEVATION (M/AMSL)	ACFT TYPE (CRITICAL)	PUSH BACK TO TWY / TAXILANE
		1	Not Available	Not Available	DH4	Self Manoeuvre
		2	Not Available	Not Available	DH4	Self Manoeuvre
6	Remarks					

LPGR 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 at aircraft stands	Taxiway guidelines
2	RWY/TWY markings and lights	Markings : Runway: Runway designation, Runway Center Line, Threshold, Runway Edge and Runway End. Taxiway: Centre Line and Holding Position Lights : Runway: Threshold Wings, Threshold and Runway End (REIL-RWY 27) Taxiway: NIL
3	Stop bars	NIL
4	Remarks	NIL

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LPGR AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas			In circling area and at aerodrome	
1			2	
RWY / Area affected	Obstacle type Elevation Marking/Lighting	Coordinates	Obstacle type Elevation Markings/LGT	Co-ordinates
a	b	c	a	b
09	Terrain Hill 93M	390540N 0280237W*	Antenna 178M LGTD	390451.0N 0280012.8W
	Terrain Hill 33M	Not Available	Antenna 134M LGTD	390504.5N 0280108.8W
			Terrain Hill 122M	390448.0N 0280157.0W
			Terrain Hill 156M	390441.5N 0280238.6W

REMARKS :
* Coordinates transformed.

LPGR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

Abbreviations used in following table:

C	-	Charts	SATEL	-	Satellite Image
CMA	-	Centro de Meteorologia Aeronáutica	SWH	-	Significant Weather High (chart)
CR	-	Cross Sections	SWM	-	Significant Weather Medium (chart)
P	-	Personal Consultation (item 5)	T	-	Telephone
P	-	Prognostic Upper Air Chart (item 7)	W	-	Significant Weather Chart
S	-	Surface Analysis (Current chart)	WXR	-	Weather Radar

1	Associated MET Office	GRACIOSA CMA
2	Hours of service	Summer: 06:00-11:00 and 12:00-17:00 Winter: 08:00-18:00
3	Office responsible for TAF preparation Periods of validity	NIL
4	Trend Forecast Interval of issuance	NIL
5	Briefing/consultation provided	T
6	Flight documentation Language(s) used	C, CR English
7	Charts and other information available for briefing or consultation	P, S, SWH, SWM, W
8	Supplementary equipment available for providing information	Flightbriefing
9	ATS units provided with information	Graciosa AFIS
10	Additional information (limitation of service, etc.)	OPS: Phone:+351 295 712 469 Fax:+351 295 712 469 Email:lpgr@meteo.p

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LPGR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR COORD RWY End COORD THR Geoid Undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY/SWY
1	2	3	4	5	6	7
09	77.4089	1385 x 30	LCN 25 PCN Under evaluation	THR 390527.2410N 0280213.4149W RWY END 39 05.26.84N 028 02 15.75W GUND 58,7M	THR 25M	+0.09%
27	257.4089		ASPH	THR 390536.1768N 0280121.8555W RWY END 39 05 36.58N 028 01 19.51 GUND 58,7M	THR 26M	-0.09%

Designations	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA	OFZ	Remarks
1	8	9	10	11	12	13
09	NIL	NIL	1385X120	NIL	NIL	THR permanently displaced 60M
27		NIL		NIL	THR permanently displaced 60M	

LPGR AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	1325	1325	1325	1265	NIL
27	1325	1325	1325	1265	

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LPGR AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH light Type / Length / Intensity	THR Light colour/ WBAR	VASIS (MEHT) PAPI	TDZ length	RWY Centre Line Lights Length / spacing / colour/ Intensity	RWY edge Lights Length / spacing / colour/ Intensity	RWY End Lights Colour / WBAR	SWY Light Length / Colour	Remarks
1	2	3	4	5	6	7	8	9	10
09	NIL	GRN —	PAPI Slope 3 LEFT Side MEHT 48FT	NIL	NIL	NIL	RED —	NIL	NIL
27	NIL	GRN —	PAPI Slope 3° LEFT Side MEHT 48FT	NIL	NIL	NIL	RED —	NIL	REIL (Runway End Identification lights)

LPGR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	NIL
2	LDI location and lighting Anemometer location and lighting	NIL Two Anemographs: Anemograph RWY 27: 390535.53N 0280140.48W Anemograph RWY 09: 390526.37N 0280205.25W
3	TWY edge and centre line lighting	NIL
4	Secondary power supply/switch-over time	NIL
5	Remarks	WDI Left side RWY 27 - 390532.88N 0280130.29W WDI Right side RWY 09 - 390527.19N 0280200.16W

LPGR AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	Not established
2	TLOF and/or FATO elevation	Not established
3	TLOF and FATO area dimensions, surface, strength, marking	Not established
4	True BRG of FATO	Not established
5	Declared distance available	Not established
6	APP and FATO lighting	Not established
7	Remarks	NIL

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LPGR AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Not established (Non Controlled Aerodrome)
2	Vertical limits	Not established (Non Controlled Aerodrome)
3	Airspace classification	G
4	ATS unit call sign / Language(s)	AFIS Graciosa Information Pt, EN
5	Transition altitude	* 5000FT
6	Remarks	* In accordance with instrument approach chart

LPGR AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
APP	Lajes Approach	135.000MHZ	H24	Primary
		121.500MHZ	H24	Emergency
APP	HORTA Approach	120.600 MHZ	HO	Primary
		121.500 MHZ	HO	Emergency
AFIS	Graciosa Information	122.900MHZ	HO	MON-FRI 10:00-13:00 and 15:00-18:00 (09:00-12:00 and 14:00-17:00). SAT and SUN - Aerodrome closed. Reopening on weekend under PPR to the Aerodrome Director, on Friday until 17:00 (16:00)

LPGR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type Category (Variation)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
L	GC	428KHZ	H24	390537.8N 0280150.9W		Location: 272° MAG - 03NM from LPGR THR 27. Off Set Runway 27 Right side CVR 25NM

LPGR AD 2.20 LOCAL TRAFFIC REGULATIONS

2.20.1 Limitations on use of aerodrome

2.20.1.1 The Aerodrome is a NON-CONTROLLED Aerodrome.

2.20.1.2 All authorizations must be obtained through LAJES Approach on frequency 135.000MHZ (Primary) and 121.500MHZ (Emergency).

- 2.20.1.3 AD available for **VMC** operations only.
- 2.20.1.4 Aerodrome restricted to ACFT capable of maintaining two way communications.
- 2.20.1.5 Operators should pay attention for the existence of former horizontal markings (paintings).
- 2.20.1.6 Due to High Terrain, Flights are not permitted south of Runway 09/27.

LPGR AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

LPGR AD 2.22 FLIGHT PROCEDURES

2.22.1 Arrivals

1. Traffic Pattern on the North Side of Runway 09 / 27.

2.22.2 Departures

1. Take-off RWY 09 - Maintain runway heading until passing 1000FT, using QNH, then turn right. Keep to the left of coast line and maintain VMC until receive ATC clearance by Lajes Approach.
2. Take-off RWY 27 - Maintain runway heading until passing 1000FT, using QNH, then turn right. Keep to the left of coast line and maintain VMC until receive ATC clearance by Lajes Approach.

LPGR AD 2.23 ADDITIONAL INFORMATION

2.23.1 Bird Hazard warnings

Danger of collision with birds during taxiing, take-off or landing operations.

LPGR AD 2.24 CHARTS RELATED TO AN AERODROME

Name	Page
AERODROME CHART- ICAO	LPGR AD 2.24.1-1
INSTRUMENT APPROACH CHART-ICAO – L GC RWY 27	LPGR AD 2.24.10A1 -1
VISUAL APPROACH CHART- ICAO	LPGR AD 2.24.11-1