

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° C (AUG)
4	Geoid undulation at aerodrome elevation position	59M
5	MAG VAR/Annual change	10° W (2020) / 0.17° 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 296209710, +351 296209711 Fax: +351 296672090 Email: sga@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 295730177 Phone: + 351 917949075 Fax: +351 295732203 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	AD Operational hours: MON-FRI 10:00-13:00 and 15:00-18:00 (09:00-12:00 and 14:00-17:00) AD Administration: Working days 10:00-18:00 (09:00-17:00)
2	Customs and immigration	NIL
3	Health and sanitation	NIL
4	AIS Briefing Office	AIS available through ARO Portugal (see GEN 3.1)
5	ATS Reporting Office (ARO)	ARO available through ARO Portugal (see GEN 3.1)
6	MET Briefing Office	Monday to Friday: 10:00-13:00 (09:00-12:00) and 15:00-18:00 (14:00-17:00)

7	ATS*	HO
8	Fuelling	NIL
9	Handling	HO
10	Security	HO
11	De-icing	NIL
12	Remarks	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. * AFIS only

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	YES 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 295730179

LPGR AD 2.7 RUNWAY SURFACE CONDITION ASSESSEMENT AND REPORTING AND SNOW PLAN

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Use of material for movement area surface treatment	NIL
4	Specially prepared winter runways	NIL
5	Remarks	For further information, see also Section AD 1.2.2. - RUNWAY SURFACE CONDITIONS ASSESSMENT AND REPORTING AND SNOW PLAN.

LPGR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron Surface and Strength	APRON	SURFACE	STRENGTH	
		ALPHA	ASPH	PCN 18/F/A/W/T	
2	Taxiway width, surface and strength	TAXIWAY	WIDTH	SURFACE	STRENGTH
		ALPHA	23M	ASPH	PCN 18/F/A/W/T
3	Altimeter Checkpoint location and elevation	LOCATION		ELEVATION	
		THR 09		25M / 81FT	
		THR 27		26M / 85FT	
4	VOR Checkpoint locations	NIL			
5	INS Checkpoint positions	NIL			
6	Remarks	NIL			

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. 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

LPGR AD 2.10

AERODROME OBSTACLES

In Area 2					
Obst. ID Designation	Obst. Type	Obst. Position	Elevation / HGT	Markings Type, Colour	Remarks
a	b	c	d	e	f
LPGR 01	Terrain Hill	390540N 0280237W*	93M/	NIL	* Transformed coordinates
LPGR 02	Terrain Hill	Not Available	33M/	NIL	NIL
LPGR 03	Antenna	390451.0N 0280012.8W	178M/	Fixed Red Light	NIL
LPGR 04	Antenna	390504.5N 0280108.8W	134M/	Fixed Red Light	NIL
LPGR 05	Terrain Hill	390448.0N 0280157.0W	122M/	NIL	NIL
LPGR 06	Terrain Hill	390441.5N 0280238.6W	156M/	NIL	NIL

In Area 3					
Obst. ID Designation	Obst. Type	Obst. Position	Elevation / HGT	Markings Type, Colour	Remarks
a	b	c	d	e	f
NIL	NIL	NIL	NIL	NIL	NIL

LPGR AD 2.11

METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	GRACIOSA AMS
2	Hours of service	Monday to Friday: 10:00-13:00 (09:00-12:00) and 15:00-18:00 (14:00-17:00)
3	Office responsible for TAF preparation Periods of validity	NIL
4	Trend Forecast Interval of issuance	NIL
5	Briefing/consultation provided	NIL
6	Flight documentation Language(s) used	NIL
7	Charts and other information available for briefing or consultation	NIL
8	Supplementary equipment available for providing information	NIL
9	ATS units provided with information	Graciosa AFIS
10	Additional information (limitation of service, etc.)	GRACIOSA AMS: Phone: +351 295712469 Email: lpgr@ipma.pt

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 APCH RWY	Slope of RWY/SWY
1	2	3	4	5	6	7
09	77.41	1268 x 30	PCN 18/F/A/W/T ASPH	THR 390527.25N 0280213.38W GUND 59M	THR 25M	+0.09%
27	257.41			THR 390536.18N 0280121.87W GUND 59M	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	1388X120*	NIL	NIL	* First 120M of Strip RWY27 with reduced width
27		NIL		NIL	NIL	

LPGR AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	1326*	1326*	1326*	1268	* Including RWY starter extension of 58M
27	1326*	1326*	1326*	1268	

LPGR AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH light Type / Length / Intensity	THR Light colour/W BAR	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	NIL

LPGR AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	NIL
2	TLOF and/or FATO elevation	NIL
3	TLOF and FATO area dimensions, surface, strength, marking	NIL
4	True BRG of FATO	NIL
5	Declared distance available	NIL
6	APCH and FATO lighting	NIL
7	Remarks	NIL

LPGR AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Graciosa ATZ 390736N 0280734W - 390921N 0275732W - 390555N 0275633W - 390411N 0280635W - 390736N 0280734W
2	Vertical limits	SFC / 1000FT AGL
3	Airspace classification	G
4	ATS unit call sign / Language(s)	Graciosa Information / PT, EN
5	Transition altitude	* 5000FT
6	Remarks	* In accordance with instrument approach chart Opening of the aerodrome due to emergencies, extension or anticipation involves the activation of the ATZ, in coordination with Horta TWR.

LPGR AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
AFIS	Graciosa Information	122.900MHZ	HO	NIL

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 (10°W / 2020)	GC	428KHZ	H24	390537.8N 0280150.9W	NIL	Coverage: 25NM

LPGR AD 2.20 LOCAL AERODROME REGULATIONS**1. Limitations on use of aerodrome**

The Aerodrome is an UNCONTROLLED Aerodrome.

AD available for VMC operations only.

Operators should pay attention for the existence of former horizontal markings (paintings).

LPGR AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

LPGR AD 2.22

FLIGHT PROCEDURES

1.

General

All authorizations must be obtained through LAJES Approach. (see LPLA [AD-2.18](#))
Due to High Terrain, Flights are not allowed south of Runway 09/27.
All ACFT (Including ULM) Operating at ATZ are subject to the following conditions:

- Submission of a Flight Plan
- Transponder Mode C or S equipped
- Two Way radio communications equipped

Helicopters may operate in Graciosa ATZ in less than 1500M but not less than 800M flight visibility, if manoeuvred at a speed that will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision. Flight visibility lower than 800M for short periods during daylight, when in sight of land, are permitted for special cases, such as medical flights, search and rescue operations and fire-fighting.
Low level over water flights out of sight of land are also permitted if conducted under VFR when the cloud ceiling is greater than 600FT by day and 1200FT by night.

The airspace is uncontrolled. However, when the meteorological conditions of the aerodrome are below VMC minima any aircraft, with suitable equipment, may execute, pending on traffic conditions, an approach procedure based on radio navigation aid, applying the published minima in the Instrument Approach Chart of the aerodrome.

2.

Arrivals

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

3.

Departures

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

4.

Holding Procedures

HLDG ID/FIX/WPT Coordinates	INBD TR (MAG)	Direction of PTN	MAX IAS (KT)	MNM-MAX HLDG LVL FL/FT (MSL)	TIME (MIN) or DIST OUBD
GRACIOSA/GC GRACIOSA L 390538N0280151W	081°	LEFT	170	3000 FT ALT FL 090	1 MIN

LPGR AD 2.23

ADDITIONAL INFORMATION

Potentially Dangerous Activities

Launch of unmanned Balloon flights (Atmospheric Research).

Bird Hazard warnings

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

LPGR AD 2.24

CHARTS RELATED TO THE AERODROME

Name	Page
AERODROME CHART- ICAO	LPGR AD 2.24.01-1
INSTRUMENT APPROACH CHART - ICAO (L RWY 27 CAT A-B)	LPGR AD 2.24.12 -1
INSTRUMENT APPROACH CHART - ICAO (RNP RWY 09 CAT A-B)	LPGR AD 2.24.12 -3
INSTRUMENT APPROACH CHART - ICAO (RNP RWY 27 CAT A-B)	LPGR AD 2.24.12 -5

Name	Page
VISUAL APPROACH CHART- ICAO	LPGR AD 2.24.13-1