

## AD 2                    AERODROMES

### LPFL AD 2.

#### LPFL AD 2.1            AERODROME LOCATION INDICATOR AND NAME

LPFL - FLORES

#### LPFL AD 2.2            AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site	LAT:            39 27 29N LONG:           031 07 56W Intersection RWY 18/36 with Taxiway "A", 340M From THR 18
2	Direction and distance of ARP from city or town	1KM (0.54NM) NORTH FROM SANTA CRUZ DAS FLORES
3	Elevation/Reference temperature	33M (108FT) 25.8° (AUG)
4	Geoid undulation at aerodrome elevation position	58M
5	MAG VAR/Annual change	15°W (2006) /0.2° decreasing
6	AD Administration, address, telephone, telefax, telex, AFS	Post:Aeroportos de Portugal - S.A. Aeroporto das Flores Ilha das Flores - Açores 9970-320 – SANTA CRUZ DAS FLORES Phone:Administration: +351.292.59 22 12 OPS: +.351.292. 59 22 80 Fax:Administration: +351.292.59 22 43 OPS: +.351.292.59 20 65 AFS:LPFLYDYA Email:flores.airport@ana.pt URL:http://www.ana.pt
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	NIL

#### LPFL AD 2.3            OPERATIONAL HOURS

1	AD Administration	Aerodrome Operational Hours: •        MON-FRI: 10:30-17:30 (9:30-16:30) •        SAT: 14:30-16:30 (13:30-15:30) SUN: Aerodrome closed Other Times: see details in ITEM AD 2.20
2	Customs and immigration	NIL
3	Health and sanitation	NIL
4	AIS Briefing Office*	NIL
5	ATS Reporting Office (ARO)**	NIL
6	MET Briefing Office	08:00-18:00
7	ATS	H24
8	Fuelling	NIL
9	Handling	HO
10	Security	HS

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11	De-icing	NIL
12	Remarks	*Pre-flight Information Bulletins can be supplied upon request through AD Operations Service MON-FRI: 10:30-17:30 (9:30-16:30), SAT 14:30-16:30 (13:30-15:30) or, according GEN 3.1.1.2, via direct contact (telephone, fax or e-mail) with any AIS/ARO aerodrome unit. **Acceptance and forwarding of FPL and associated messages or post flight reports is possible through AD Operations service or, according GEN 3.1.1.2, via direct contact (telephone, fax or e-mail) with any AIS/ARO aerodrome unit.

## LPFL AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities:	Fork Lift: 1 Ton Sufficient number of various vehicles and Equipment
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	NIL

## LPFL AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels and Residential in Town (113 beds)
2	Restaurants	Restaurants in Town: 180 meals per hour
3	Transportation	Taxis and Rent-a-Car
4	Medical facilities	Hospital in Town 1KM (0.54NM) from Aerodrome
5	Bank and Post Office	In Town
6	Tourist Office	In Town
7	Remarks	NIL

## LPFL AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: CAT 4 CAT 5 and CAT 6 available by prior arrangements with Airport Director.
2	Rescue equipment	Flashing-hand lamps, Hammer 1.8KG, Blanket fire resisting, Pliers 17.8cm side cutting, Screwdrivers assorted (set), chocks 10cm high. Oxygen inhaler, Hydraulic forcing tool, Medical first aid kit, protective clothing and Stretcher.  RIB with 5 Life rafts for 10 Pax each, 1 Life raft for 5 Crew, Medical first aid kit, 8 adult Life jackets.
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

**LPFL AD 2.7 SEASONAL AVAILABILITY - CLEARING**

1	Type(s) of clearing equipment	Not Applicable
2	Clearance priorities	Not Applicable
3	Remarks	Aerodrome is serviceable during all seasons of the year

**LPFL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1	Apron surface and strength	<b>APRON</b>	<b>SURFACE</b>	<b>STRENGTH</b>	
		A	Asphalt	PCN 18/F/C/X/T	
2	Taxiway width, surface and strength	<b>TAXIWAY</b>	<b>WIDTH</b>	<b>SURFACE</b>	<b>STRENGTH</b>
		A	15M	Asphalt	PCN 6/F/C/X/T
3	Altimeter checkpoint location and elevation	THR 18 - 29M (97FT) THR 36 - 32M (104FT)			
4	VOR checkpoint locations	Not established			
5	INS Checkpoints positions	<b>RAMP/ STAND</b>	<b>INS COORDINATES</b>	<b>ELEVATION (M/AMSL)</b>	<b>ACFT TYPE (CRITICAL)</b>
		1	392730.39N 0310751.51W	29,49M	ATP
6	Remarks	NIL			

**LPFL 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 Apron Guideline
2	RWY/TWY markings and lights	<p>RWY Markings: Runway designation, Runway centre line, Displaced Threshold, Runway Edge, Runway End as appropriate, Touchdown Zone.</p> <p>Taxiway Markings: Taxiway Centre Line, Taxiway Edge, Holding position at Taxiway.</p> <p>Runway / Taxiway Lights: NIL</p>
3	Stop bars	NIL
4	Remarks	NIL

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**LPFL 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	Co-ordinates	Obstacle type Elevation Markings/LGT	Co-ordinates
a	b	c	a	b
18 / 36	Buildings 71M (233FT)		TV Mast 243M (797FT) LGT	392701N0310756W
3	Remarks			

**LPFL 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	FLORES CMA
2	Hours of service	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	TWR
10	Additional information (limitation of service, etc.)	Phone: +351 292 592 161 Fax: +351 292 590 079 Email: lpfl@meteo.pt

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## LPFL 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 Geoid Undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY/SWY
1	2	3	4	5	6	7
18	168.00	1400 x 30	PCN 15/F/C/X/T ASPHALT	THR 39 27 39.48N 031 07 58.64W  RWY END 39 26 56.99 031 07 46.94W  GUND 58.5M	THR 29M(97FT)  TDZ 32M(104FT)	+0.4%
36	348.00			THR 39 26 58.89N 031 07 47.46W  RWY END 39 27 42.17N 031 07 59.38W  GUND 58.5M	THR 32M(104FT)  TDZ 33M(109FT)	-0.4%

Designations	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA	OFZ	Remarks
1	8	9	10	11	12	13
18	NIL	NIL	1457x80*	See GEN 1.7-5 Chapter 3.4.2 and 3.4.3	NIL	THR 18 Permanently displaced 60M  THR 36 Permanently displaced 55M
36	NIL	NIL			NIL	* Don't comply the 60 meters after the end of Runways  Friction coefficient calibration 0.89

## LPFL AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
18	1400	1400	1400	1340	NIL
36	1400	1400	1400	1345	

**LPFL AD 2.14    APPROACH AND RUNWAY LIGHTING**

RWY Designator	APCH light Type / Length / Intensity	THR Light colour/W BAR	VASIS type	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
18	NIL	NIL	PAPI - 2°45' Both sides MEHT 12.90M	NIL	NIL	NIL	NIL	NIL	NIL
36			PAPI - 3° Both sides MEHT 12.90M						

**LPFL AD 2.15    OTHER LIGHTING, SECONDARY POWER SUPPLY**

1	ABN/IBN location, characteristics and hours of operation	ABN Location: LAT 39 27 29N LONG: 031 07 49W ALT. 47.70M ABN Characteristics: FLW ev 4 Sec W and G Operating Hours: HN
2	LDI location and lighting Anemometer location and lighting	NIL 3 Anemometers: one at each end of Runway and one at MID POS
3	TWY edge and centre line lighting	NIL
4	Secondary power supply/switch-over time	Secondary Power Supply conforms requirements of Annex 14.
5	Remarks	WDI - Lighted Emergency lights available

**LPFL 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	APP and FATO lighting	NIL
7	Remarks	NIL

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## LPFL AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	FLORES CTR A circle with 5NM radius centred at ARP (39 27 29N 031 07 56W)
2	Vertical limits	2000FT ALT (600M)
3	Airspace classification	C
4	ATS unit call sign / Language(s)	Flores Tower Flores Approach EN, PT
5	Transition altitude	5000FT
6	Remarks	NIL

## LPFL AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
TWR	FLORES Tower	118.800 MHZ 121.500 MHZ	HO HO	Primary Emergency
APP	FLORES Approach	118.800 MHZ 121.500 MHZ	HO HO	Primary Emergency

Special Remarks: Traffic flying within Santa Maria FIR and unable to establish contact with the relevant ATS Unit is request to try to contact with Santa Maria Aeronautical Station on HF

## LPFL 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
DVOR (14°W)	FRS	113.30 MHZ	H24	392712.9N 0311237.5W		Coverage: 250NM FL300 Not usable: 325°/345° BYD 40NM BLW 16000FT
DME	FRS	CH80X	H24	392712.9N 0311237.6W	2800FT	Coverage: 250NM FL300 Not usable: 325°/345° BYD 40NM BLW 16000FT
DME	DSC	CH44X	H24	392728.4N 0310739.3W		Coverage: 60NM FL140 Not usable: 225°/320°
L	SC	331 KHZ	H24	392727.1N 0310740.4W		Coverage: 25NM

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**LPFL AD 2.20 LOCAL TRAFFIC REGULATIONS****2.20.1 Limitations on use of Aerodrome**

**2.20.1.1** Aerodrome operational hours extension or reopening are available, as preview on GEN 4.1 and subject to the following conditions:

- Any request for reopening must be submitted to Aerodrome Director, the day before of the planned flight and at least one hour prior the Aerodrome closure.
- Any request for extension must be submitted to Aerodrome Director at least one hour prior Aerodrome closure.
- Emergency flights must contact Aerodrome Director at least one hour prior the planned flight.

**2.20.1.2** The area before Runway 18 is prepared to minimize a possible overrun of an aircraft during take-off on Runway 36.

**2.20.1.3** From time to time pilots are reporting discrepancies between wind speed detected and information given by ATC. Due to that, whenever such a similar situation occurs, pilots are requested to inform ATC about the discrepancies detected.

**LPFL AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**LPFL AD 2.22 FLIGHT PROCEDURES**

NIL

**LPFL AD 2.23 ADDITIONAL INFORMATION**

Bird Strikes may occur during the Landing, Taxiing and Take-Off flight phases.

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

Name	Page
AERODROME CHART-ICAO	<a href="#">LPFL AD 2.24.1-1</a>
AIRCRAFT PARKING/DOCKING CHART-ICAO	<a href="#">LPFL AD 2.24.2-1</a>
INSTRUMENT APPROACH CHART-ICAO - LOCATOR/DVOR RWY 01 CAT A/B	<a href="#">LPFL AD 2.24.10A-1</a>
VISUAL APPROACH CHART-ICAO	<a href="#">LPFL AD 2.24.11-1</a>