

AD 2 AERODROMES**LPPI AD 2****LPPI AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

LPPI - PICO

LPPI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site	LAT: 383316N LONG: 0282629W Intersection Runway 09/27 with Taxiway "A", BRG 273° distant 780m from THR 27
2	Direction and distance of ARP from city or town	8KM (4.3NM) from Vila da Madalena
3	Elevation/Reference temperature	35M / 114FT 23.9° C (AUG)
4	Geoid undulation at aerodrome elevation position	58M
5	MAG VAR / Annual change	9° W (2020) / 0.17° decreasing
6	AD Administration, address, telephone, telefax, telex, AFS, SITA and E-mail	AD ADMINISTRATION Post: SATA Gestão de Aerodromos SA Avenida Infante D. Henrique 55 9510-150 PONTA DELGADA Azores - Portugal Phone: +351 296209710, +351 296209711 Fax: +351 296672090 Email: sga@sata.pt AD AIRPORT OPERATIONS MANAGER Post: Aeroporto Ilha do Pico Rua do Aeroporto 9950-011 BANDEIRAS Azores - Portugal Phone: +351 292628387 Phone: +351 917950561 (mobile) Fax: + 351 292622284 Email: lppiydya@sata.pt SITA: PIXSAXH AFS: NIL
7	Types of traffic permitted (IFR / VFR)	IFR / VFR
8	Remarks	NIL

LPPI AD 2.3 OPERATIONAL HOURS

1	AD Administration	AD Operational hours*: 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	** On request
3	Health and sanitation	** On request
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	10:00-13:00 (09:00-12:00) and 15:00-18:00 (14:00-17:00)

7	ATS***	HO
8	Fuelling	On request 3 hours PPR.
9	Handling	10:00-13:00 and 15:00-18:00 (09:00-12:00 and 14:00-17:00)
10	Security	10:00-13:00 and 15:00-18:00 (09:00-12:00 and 14:00-17:00)
11	De-icing	NIL
12	Remarks	* Aerodrome operational extension or reopening subject to the following condition: Other periods under PPR to the Aerodrome Director, at least 2 (two) hours before the planned flight. ** Customs, Immigration, Health and Sanitation on request. At least 24 hours in advance will be required. *** AFIS only

LPPI AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities:	Available by SATA Air Açores - Phone: +351 292628385
2	Fuel/oil types	Jet A1
3	Fuelling facilities/capacity	Storage capacity: 112 cubic meters. 1 Refueller truck with 20.000 litres capacity, max. delivery rate 1400 litres per minute. Underwing refuelling (pressure refuelling) only
4	De-icing facilities	NIL
5	Hangar space available for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	Fuel: Underwing refuelling (pressure refuelling) only Fuel operator: BENCOM SA Phone: +351 913798884 Email: alfredo.oliveira@bensaude.pt

LPPI AD 2.5 PASSENGER FACILITIES

1	Hotels	In City
2	Restaurants	In City
3	Transportation	Buses, Taxis and Rent-a-Car
4	Medical facilities	Hospital in Vila da Madalena [8KM (4.3NM) from Aerodrome].
5	Bank and Post Office	In City
6	Tourist Office	In City
7	Remarks	NIL

LPPI AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: - CAT 7
2	Rescue equipment	YES 1 vehicle with 12.000 litres of capacity - E-ONE HPR 1 vehicle with 6.000 litres of capacity - E-ONE HPR
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

LPPI 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.

LPPI AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron Surface and Strength		APRON	SURFACE	STRENGTH	
			A	Asphalt/ Concrete	PCN:80/F/B/W/T PCN:55/R/B/W/T	
2	Taxiway width, surface and strength		TAXIWAY	WIDTH	SURFACE	STRENGTH
			A and B	23M	Asphalt	PCN 80/F/B/W/T
3	Altimeter Checkpoint location and elevation		LOCATION		ELEVATION	
			THR 09		35M / 113FT	
			THR 27		32M / 105FT	
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
		A1	383309.61N 0282633.89W	35M	A310	NIL Self manoeuvre
		A2	383309.89N 0282631.11W	34M	A320	NIL Self manoeuvre
		A3	383310.18N 0282628.26W	34M	A310	NIL Self manoeuvre
		A4	383309.04N 0282628.44W	35M	DH8D	NIL Self manoeuvre
		A5	383309.26N 0282626.51W	35M	DH8B	NIL Self manoeuvre
6	Remarks	Stand A3 cannot be used simultaneously with stand A4 and/or A5.				

LPPI 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 designation, Runway centre line, Threshold, Touchdown Zone, Runway Edge and Runway End. Taxiway Centre Line, Holding Positions at all Taxiways and Runway intersections. Lights: NIL
3	Stop bars	NIL
4	Remarks	NIL

LPPI AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	OBST Type	OBST Position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
LPPI_001	NAVAID	383310.3N 0282716.2W	40.1 M 2.3 M	Monocolour Orange Fixed Red	LOC ANTENNA
LPPI_003	BUILDING	383308.4N 0282716.1W	40.7 M 3.5 M	Vertical bands Orange / White Fixed Red	LOC SHELTER
LPPI_004	FENCE (1/9)	383306.4N 0282719.0W	45.4 M 2.3 M	NIL	
LPPI_005	FENCE (2/9)	383309.5N 0282718.9W	40.2 M 2.3 M	NIL	
LPPI_006	FENCE (3/9)	383309.7N 0282718.9W	39.8 M 2.4 M	NIL	
LPPI_007	FENCE (4/9)	383309.9N 0282719.0W	39.4 M 2.5 M	NIL	
LPPI_008	TREE	383302.0N 0282755.5W	56.7 M 10.3 M	NIL	
LPPI_009	TREE	383303.3N 0282756.8W	56.4 M 3.1 M	NIL	
LPPI_010	TREE	383300.5N 0282804.4W	74.8 M 10.4 M	NIL	
LPPI_011	TREE	383307.9N 0282810.6W	75.5 M 14.9 M	NIL	
LPPI_012	TREE	383258.7N 0282810.9W	83.6 M 10.8 M	NIL	
LPPI_013	TREE	383257.1N 0282813.0W	84.5 M NIL	NIL	
LPPI_014	TREE	383257.9N 0282757.6W	70.8 M NIL	NIL	
LPPI_015	TREE	383253.9N 0282809.0W	85.3 M NIL	NIL	
LPPI_016	TREE	383251.7N 0282817.6W	93.6 M NIL	NIL	
LPPI_017	TRANSMISSION LINE (1/2)	383253.0N 0282831.3W	88.1 M 11.8 M	NIL	
LPPI_018	TRANSMISSION LINE (2/2)	383251.3N 0282834.0W	90.9 M NIL	NIL	
LPPI_019	TREE	383252.1N 0282831.7W	94.7 M NIL	NIL	
LPPI_020	NATURAL HIGH POINT	383259.0N 0282840.3W	84.6 M NIL	NIL	
LPPI_021	TREE	383246.0N 0282905.1W	98.8 M 9.8 M	NIL	
LPPI_022	TREE	383243.2N 0282906.2W	103.9 M NIL	NIL	
LPPI_023	TREE	383241.1N 0282859.8W	137.3 M NIL	NIL	

In Area 3					
OBST ID/ Designation	OBST Type	OBST Position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
LPPI_024	FENCE (5/9)	383309.1N 0282705.6W	37.12M 2.58M	NIL	
LPPI_025	FENCE (6/9)	383309.3N 0282703.9W	37.44M 2.53M	NIL	
LPPI_026	FENCE (7/9)	383309.4N 0282702.4W	37.77M 2.58M	NIL	
LPPI_027	FENCE (8/9)	383309.5N 0282702.2W	37.82M 2.64M	NIL	
LPPI_028	FENCE (9/9)	383309.5N 0282701.4W	34.37M 2.59M	NIL	
LPPI_029	BUILDING	383309.5N 0282638.3W	42.17M 7.46M	Monocolour Blue	TERMINAL
LPPI_030	BUILDING	383309.6N 0282637.9W	43.86M 9.15M	Monocolour Blue	TERMINAL
LPPI_031	BUILDING	383309.9N 0282635.2W	41.83M 7.28M	Monocolour Blue	TERMINAL
LPPI_032	POLE	383307.5N 0282634.2W	55.25M 20.50M	Not Applicable Fixed red	APRON LIGHTING
LPPI_033	POLE	383307.8N 0282631.7W	55.16M 20.55M	Not Applicable Fixed red	APRON LIGHTING
LPPI_034	POLE	383308.1N 0282629.0W	55.07M 20.57M	Not Applicable Fixed red	APRON LIGHTING
LPPI_035	POLE	383308.3N 0282626.3W	55.09M 20.68M	Not Applicable Fixed red	APRON LIGHTING
LPPI_036	BUILDING	383310.5N 0282625.5W	40.39M 6.32M	Monocolour Blue	HANDLING EQUIPMENT
LPPI_037	BUILDING	383310.6N 0282624.4W	40.39M 6.32M	Monocolour Blue	HANDLING EQUIPMENT
LPPI_038	BUILDING	383309.7N 0282624.2W	43.31M 8.90M	Monocolour Blue	HANDLING EQUIPMENT
LPPI_039	BUILDING	383309.6N 0282625.3W	43.31M 8.90M	Monocolour Blue	HANDLING EQUIPMENT
LPPI_040	NAVAID	383315.2N 0282607.5W	39.55M 7.44M	Horizontal bands Orange / White Fixed Red	GP/DME ANTENNA
LPPI_041	NAVAID	383315.3N 0282606.1W	37.98M 6.25M	Horizontal bands Orange / White Fixed Red	GP MONITOR ANTENNA
LPPI_042	NAVAID	383320.2N 0282606.9W	38.01M 6.99M	Horizontal bands Orange / White Fixed Red	WDI RWY 27
LPPI_045	NAVAID	383316.3N 0282645.6W	38.71M 7.03M	Horizontal bands Orange / White Fixed Red	WDI RWY 09
LPPI_047	NAVAID	383315.2N 0282701.6W	44.22M 10.56M	Horizontal bands Red / White Fixed Red	ANEMOMETER RWY 09
LPPI_048	NAVAID	383318.5N 0282629.7W	43.28M 10.55M	Horizontal bands Red / White Fixed Red	ANEMOMETER MID
LPPI_049	NAVAID	383320.7N 0282607.6W	42.75M 10.54M	Horizontal bands Red / White Fixed Red	ANEMOMETER RWY27
LPPI_050	NAVAID	383320.0N 0282607.4W	35.11M 3.39M	Horizontal bands Red / White NIL	RVR Sensor
LPPI_051	NAVAID	383317.7N 0282631.7W	33.51M 1.60M	Monocolour Red NIL	Thunderstorm Sensor

LPPI AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	PICO AMS
2	Hours of service	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	Pico AFIS
10	Additional information (limitation of service, etc.)	PICO AMS: Phone: +351 292622378 Email: lppi@ipma.pt

LPPI 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	82.64	1655 X 45	PCN 80/F/B/W/T Asphalt	THR 383312.30N 0282701.60W Geoid Undulation 58M	THR 35M	-0.2%
27	262.65			THR 383318.86N 0282556.88W RWY END 383311.98N 0282704.67W Geoid Undulation 58M	THR 32M	+0.2%

Designations	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA	OFZ	Remarks
1	8	9	10	11	12	13
09	NIL	300Mx150M	1775x150	90Mx90M	NIL	Threshold displaced 75M. Central 30M grooved between thresholds.
27		150Mx150M		220Mx90M	NIL	Central 30M grooved between thresholds.

LPPI AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	1655	1955	1655	1580	* Including RWY start extension of 90M
27	1745*	1895*	1745*	1655	

LPPI 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 / WNBAR	SWY Light Length / Colour	Remarks
1	2	3	4	5	6	7	8	9	10
09	Simple Approach Lighting System 420M Low Intensity Omnidirectional	Green	PAPI Slope 3° Left Side MEHT 48FT	NIL	NIL	White Spacing 45M Last 600M yellow	RED	NIL	Runway Threshold Ident. lights (Flashing White)
27	Simple Approach Lighting System 420M High Intensity Unidirectional	Green	PAPI Slope 3° Left Side MEHT 48FT	NIL	NIL	White Spacing 45M Last 600M yellow	RED	NIL	Runway Threshold Ident. lights (Flashing White)

LPPI AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN at Tower, 38 33 05.9N 028 26 33.6W, FLG W/G.
2	LDI location and lighting Anemometer location and lighting	LDI: NIL Anemometers North of Runway 1- TDZ anemometer RWY 27 at 383320.7N 0282607.6W LGTD 2- MID anemometer at 383318.5N 0282629.7W LGTD 3- TDZ anemometer RWY 09 at 383315.2N 0282701.6W LGTD
3	TWY edge and centre line lighting	Blue TWY edge lights
4	Secondary power supply/switch-over time	Secondary Power Supply conforms with requirements of Annex 14 for CAT 1.
5	Remarks	NIL

LPPI 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

LPPI AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Pico ATZ 383543N 0283202W - 383645N 0282155W - 383316N 0282120W - 383215N 0283127W - 383543N 0283202W
2	Vertical limits	SFC / 1000FT AGL
3	Airspace classification	G
4	ATS unit call sign / Language(s)	Pico 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.

LPPI AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
AFIS	Pico Information	122.700MHZ	HO	NIL

LPPI 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 (9°W-2020)	PI	420KHZ	H24	383329.5N 0282411.7W		Coverage: 25NM Not usable: South of the field below 9000FT
ILS RWY 27 (CAT I)						
LOC (9°W-2020)	IPO	111.700 MHZ	H24	383310.8N 0282716.2W		LOC not to be used outside 25° left of centreline.
GP/DME	IPO	333.500 MHZ CH 54X	H24	383315.2N 0282607.5W	35.3M	Angle 3°. DME zero range is indicated at THR RWY27.
MM	Dot Dashes	75 MHZ	H24	383329.4N 0282412.4W		1.38NM from THR RWY27.

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

Aerodrome is an UNCONTROLLED Aerodrome.

Aerodrome qualified for Night Operations.

Aerodrome and obstructions lighted.

2. Taxiing

Back-track operations forbidden to aircraft with maximum take-off mass above 10 tons on Runways 09 / 27. These operations must be done only on Turning Bays of each runway.

LPPI AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

LPPI AD 2.22 FLIGHT PROCEDURES

All authorizations must be obtained through HORTA CONTROL TWR or HORTA APPROACH. (see LPHR [AD-2.18](#))

For minimum vectoring altitudes see Horta ATC SURVEILLANCE MINIMUM ALTITUDE CHART (LPHR AD 2.24.11-1).

Ground raised rapidly very close to the Aerodrome. This fact generates very often turbulence and windshear.

Due to high terrain, flights are not permitted SOUTH of Runway 09/27.

On the SOUTH Sector of the Aerodrome, a very high mountain (PICO Mountain) with it's high point at 2351 metres, is the main restriction for the IFR procedures in the region. Due to this geographical environment, the Aerodrome is subject to significant wind variation that affect landing and take-off operations.

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 Pico 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.

Depending on Traffic conditions, a clearance may be issue by HORTA APPROACH for traffic to proceed to SOLGI, after carrying a missed approach at Pico (LPPI - Instrument Approach Chart).

Operators shall only turn right to SOLGI after having passed VELAS northbound and having reached 5000FT while maintaining QDR 010 from PI Locator.

Horta Transponder and Radio Mandatory Zone

All aircraft flying VFR or IFR in Class G airspace inbound Horta Transponder and Radio Mandatory Zone (see ENR 2.2.3.2) shall contact Horta APP on 120.600MHz before entering the lateral limits of this Area and maintain continuous air-ground voice communication watch, to facilitate the provision of flight information, instructions and ATC clearances, (e.g: approach procedures) if required.

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
GOXAS GOXAS 383641N0275153W RDL121-DME13 VAP DVOR/DME	301°	RIGHT	230	5000 FT ALT FL 140	5 NM
GOXAS GOXAS 383641N0275153W	301°	RIGHT	230	5000 FT ALT FL 140	1 MIN
PIKIX PIKIX 384639N0283202W RDL301-DME20 VAP DVOR/DME	121°	LEFT	230	5000 FT ALT FL 140	5 NM
PIKIX PIKIX 384639N0283202W	121°	LEFT	230	5000 FT ALT FL 140	1 MIN
SOLGI SOLGI 383730N0280158W RDL086-DME 28.5 VFL DVORTAC	266°	RIGHT	230	5000 FT ALT FL 140	5 NM
VELAS VELAS 383932N0282131W RDL065-DME15 VFL DVORTAC	245°	RIGHT	230	5000 FT ALT FL 140	5 NM

LPPI AD 2.23 ADDITIONAL INFORMATION

1. Bird Activity

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

LPPI AD 2.24 CHARTS RELATED TO THE AERODROME

Name	Page
AERODROME CHART-ICAO	LPPI AD 2.24.01-1
AIRCRAFT PARKING/DOCKING CHART-ICAO	LPPI AD 2.24.02-1
AERODROME OBSTACLE CHART - ICAO Type A (RWY 09/27)	LPPI AD 2.24.04-1
INSTRUMENT APPROACH CHART- ICAO (NDB RWY 27 CAT A-B-C)	LPPI AD 2.24.12-1
INSTRUMENT APPROACH CHART- ICAO (ILS RWY 27)	LPPI AD 2.24.12-3
INSTRUMENT APPROACH CHART- ICAO (LOC RWY 27)	LPPI AD 2.24.12-5
VISUAL APPROACH CHART-ICAO	LPPI AD 2.24.13-1