

## AD 2      AERODROMES

### LPVR AD 2.

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

LPVR - VILA REAL

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

1	ARP coordinates and site	LAT: 411632N LONG: 0074312W Right side RWY02. 625M from THR02 and 33M from RWY centreline
2	Direction and distance of ARP from city or town	4KM SE from Vila Real City
3	Elevation/Reference temperature	558M 13.4° C
4	Geoid undulation at aerodrome elevation position	56M
5	MAG VAR / Annual change	04° W (2006) / Annual variation 0.15 (decreasing)
6	AD Administration, address, telephone, telefax, telex, AFS	Post:Vila Real Social Habitação e Transportes EM 5000-442 VILA REAL Phone:AD Administration - +351 259 336 620  Fax:AD Administration - +351 259 336 688  AFS:AFTN: NIL  SITA:SITA: NIL  Email:henriqueobaptista@cm-vilareal.pt
7	Types of traffic permitted (IFR/VFR)	VFR
8	Remarks	Vila Real is a non-controlled Aerodrome.

#### LPVR AD 2.3      OPERATIONAL HOURS

1	AD Administration	07:30-20:00 (06:30-19:00) or SUNSET (whichever is earlier)
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	Monday to Friday (except during personnel holidays) 07:30-13:30 (06:30-12:30)
7	ATS	NIL
8	Fuelling	07:30-20:00 (06:30-19:00) or SUNSET (whichever is earlier)
9	Handling	NIL
10	Security	NIL
11	De-icing	NIL

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12	Remarks	- Other periods PPR 02 hours to the AD Phone and subject to a surcharge.
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## LPVR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities:	NIL
2	Fuel/oil types	Fuel: JET A1
3	Fuelling Facilities / capacity	* JET A1 - capacity 30000 Litres
4	De-icing facilities	NIL
5	Hangar space available for visiting aircraft	Two Hangars: 1 - Owner Vila Real Aeroclub with 23Mx12M (door 11Nx3.3M) 2 - Owner AMF-Aviation with 30Mx30M
6	Repair facilities for visiting aircraft	NIL
7	Remarks	* Refuelling only authorized after previous coordination. Oxygen and related servicing: NIL

## LPVR AD 2.5 PASSENGERS FACILITIES

1	Hotels	HOTEL in Vila Real city
2	Restaurants	REST at the AD, in the vicinity of the AD and in Vila Real city
3	Transportation	TRANS Bus
4	Medical facilities	Hospital in Vila Real, distant 8KM from AD
5	Bank and Post Office	Banks in Vila Real city Post Office in Vila Real city
6	Tourist Office	Tourist Office in Vila Real city
7	Remarks	NIL

## LPVR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: - CAT A3
2	Rescue equipment	NIL
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

## LPVR AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

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

1	Apron Surface and Strength		APRON	SURFACE	STRENGTH	
			ECHO	ASPH	PCN Under evaluation	
			WHISKEY **	ASPH	PCN Under evaluation	
2	Taxiway width, surface and strength		TAXIWAY	WIDTH	SURFACE	STRENGTH
				15M	ASPH	PCN under evaluation LCN 26
			**	10M		PCN under evaluation
3	Altimeter Checkpoint location and elevation		LOCATION		ELEVATION	
			THR 02		549M	
			THR 20		558M	
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 Established	NIL	NIL	NIL
6	Remarks	** Apron WHISKEY available only with PPR through AFIS service (MON-FRI). Other periods to Aerodrome Director				

**LPVR 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	NIL
2	RWY/TWY markings and lights	Markings: Runway: Runway Designation, Runway Centre Line, Threshold, Runway Edge and Runway End  Taxiway: Taxiway Edge  Lights : Runway: Runway Edge Lights, Threshold Lights, Runway End Lights  Taxiway: Taxiway Edge Lights
3	Stop bars	NIL
4	Remarks	NIL

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## LPVR 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
LPVR 01	ANTENNA	411634.6N 0074341.4W	615M / 60M	ICAO Lighting	

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

## LPVR 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	VILA REAL CMA
2	Hours of service	Monday to Friday 07:30-13:30 (06:30-12:30)
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	Vila Real AFIS
10	Additional information (limitation of service, etc.)	OPS: Met Information is not available during personal holidays Phone:+.351.259.321 652 Email: lpvr@gmail.com

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## LPVR 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
02	17.67°	946x30	ASPH  PCN under evaluation LCN 26	THR 411613.05N 0074321.73W RWY END 411642.27N 0074309.39W GUND Waiting survey	THR 549M	+1%
20	197.67°			THR 411642.27N 0074309.39W RWY END 411613.05N 0074321.73W GUND Waiting survey	THR 558M	-1%

Designations	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA	OFZ	Remarks
1	8	9	10	11	12	13
02	NIL	NIL	1006Mx60M	NIL	NIL	NIL
20		NIL		NIL	NIL	

## LPVR AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
02	946	946	946	946	
20	946	946	946	946	

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## LPVR 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
02	Simple Approach System	Green	PAPI Angle 3.03° Left Side MEHT 20.77FT	NIL	NIL	946M / 586M white + 360M orange 60M spaced	Red	NIL	NIL
20	Simple Approach System	Green	PAPI Angle 3.03° Left Side MEHT 20.77FT	NIL	NIL	946M / 586M white + 360M orange 60M spaced	Red	NIL	NIL

## LPVR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: Location: at Control TWR FLG G - Identification VR
2	LDI location and lighting Anemometer location and lighting	NIL Anemometer Location: 411633.75N 0074307.60W
3	TWY edge and centre line lighting	Taxiway Edge Lights
4	Secondary power supply/switch-over time	Secondary Power Supply - available within 12 seconds
5	Remarks	NIL

## LPVR 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

## LPVR AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Not established ( Non Controlled Aerodrome )
2	Vertical limits	Not established ( Non Controlled Aerodrome )

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3	Airspace classification	G
4	ATS unit call sign / Language(s)	AFIS Pt, EN Vila Real Information
5	Transition altitude	8000FT
6	Remarks	NIL

**LPVR AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
LISBOA ACC	Lisboa Control FIS	132.300MHZ 130.900MHZ	HO HO	
AFIS	Vila Real Information	122.900MHZ	MON-FRI SR/SS	

**LPVR 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
NIL						

**LPVR 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 In approach to Runways 02 / 20 and when there are cross winds a strong descend can occur.

**LPVR AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

06-MAY-2010

**LPVR AD 2.22 FLIGHT PROCEDURES**

Instrument Approach RNAV (GNSS) RWY 02 (See chart LPVR AD 2.24.10-1)

Designator	Path Terminator	WPT Name	Fix	F.O	Course (True Bearing)	Turn Direction	Altitude Constraint	Vertical Path Angle
RNAV RWY02	IF	ULVAX	IAF	Y			7000FT	
	TF	VR361	SDF		017.593°		5100FT	
	TF	VR362	IF		017.617°		3800FT	
	TF	VR363	FAF		017.631°		3800FT	
	TF	RW02	Mapt	Y	017.639°		2500FT	
	TF	VR364	Mapt 1		017.665°			3.2%
	TF	VR366	Mapt 2		107.679°	R		
	TF	VR367	Mapt 3		202.046°	R		2.5%
	TF	ULVAX	Holding Fix		234.638°	R		2.5%

**LPVR AD 2.23 ADDITIONAL INFORMATION**

Bird Activity:

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

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

Name	Page
AERODROME CHART- ICAO	LPVR AD 2.24.1-1
INSTRUMENT APPROACH RNAV (GNSS) RWY 02	LPVR AD 2.24.10-1
VISUAL APPROACH CHART- ICAO	LPVR AD 2.24.11-1