

## AD 2            AERODROMES

### LPBJ AD 2.

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

LPBJ - BEJA AIR BASE NBR 11

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

1	ARP coordinates and site	LAT: 380444N LONG: 0075557W Intersection RWY 01L/19R and TWY D	
2	Direction and distance of ARP from city or town	9 Km (4.8 NM) NW from Beja	
3	Elevation/Reference temperature	636 FT(194 M) ARP 32,3° C (AUG)	
4	Geoid undulation at aerodrome elevation position	55,15 m	
5	MAG VAR / Annual change	3° 54'W (2006) / -9'	
6	AD Administration, address, telephone, telefax, telex, AFS	CIVIL: Person in charge:Lisbon Airport Ops Supervisor Phone:+351 218413533 Phone:Mobile +351 964519299 Fax:+351 218413667 Email:lisaxh@ana.pt	MIL: Commander, Air Base N 11 Post:Base Aérea N° 11 7800-958 Beja PORTUGAL Phone:+351 284314500/ 530 +351 284 323 182 / 3 / 4 Fax:+351 284 314 628 AFS:LPBJDYA
7	Types of traffic permitted (IFR/VFR)	IFR/VFR	
8	Remarks	Only for VMC civil operations between Sunrise and Sunset. Prior Permission Required through civil Admin (see 2.2.6)	

#### LPBJ AD 2.3        OPERATIONAL HOURS

1	AD Administration	MON - THU – 08:30 / 17:15 UTC; FRI 08:30 / 12:00
2	Customs and immigration	NIL
3	Health and sanitation	On request through civil administration
4	AIS Briefing Office	MON-THU – 08:30 / 17:15; FRI 08:30 / 1200. UTC. Other Times and HOL on REQ 03HR prior thru LPAMYWYB.
5	ATS Reporting Office (ARO)	MON-THU – 08:30 / 17:15; FRI 08:30 / 1200. UTC. Other Times and HOL on REQ 03HR prior thru LPAMYWYB.
6	MET Briefing Office	H24
7	ATS	MON-THU – 08:30 / 17:15; FRI 08:30 / 1200. UTC. Other Times and HOL on REQ 03HR prior thru LPAMYWYB.
8	Fuelling	Not AVBL
9	Handling	To be arranged by operators
10	Security	H24
11	De-icing	NIL

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12	Remarks	NIL
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## LPBJ AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities:	Not AVBL
2	Fuel/oil types	Not AVBL
3	Fuelling facilities/capacity	Not AVBL
4	De-icing facilities	NIL
5	Hangar space available for visiting aircraft	Not AVBL
6	Repair facilities for visiting aircraft	Not AVBL
7	Remarks	NIL

## LPBJ AD 2.5 PASSENGER FACILITIES

1	Hotels	In Beja city
2	Restaurants	In Beja city
3	Transportation	Buses and Taxis in Beja
4	Medical facilities	First-aid station, medical assistance, ambulances, hospital in Beja
5	Bank and Post Office	In Beja city
6	Tourist Office	In Beja city
7	Remarks	NIL

## LPBJ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 8 (MON-THU 0830/1715, FRI 0830/1200. Other Times and HOL CAT 7)
2	Rescue equipment	According to ICAO Doc. 9137, Part 1, Tab. 5.2
3	Capability for removal of disabled aircraft	All aircraft up to A-320 *
4	Remarks	*Equipment to be provided by LPFR and/or LPPT

## LPBJ AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Type(s) of clearing equipment	Sweepers
2	Clearance priorities	Runway, Taxiway and Apron
3	Remarks	Aerodrome available all seasons

## LPBJ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron Surface and Strength	APRON	SURFACE	STRENGTH
		North 1 / 2 / 3	Concrete	PCN 55/R/B/W/U
		South 4 / 5 / 6	Concrete	PCN 41/R/B/W/U

AMDT 009-11

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2	Taxiway width, surface and strength	<b>TAXIWAY</b>	<b>WIDTH</b>	<b>SURFACE</b>	<b>STRENGTH</b>	
		A1, A2	30 m (98 FT)	Concrete	PCN 48/R/C/W/T	
		B1,B2,B3			PCN 51/R/C/W/T	
		E1			PCN 55/R/B/W/U	
		G1,G2,G3	PCN 56/R/C/W/T			
		C,D,E2,F1,F2	15 m (49 FT)		PCN 55/R/B/W/U	
		H		Asphalt	PCN 26/R/D/W/U	
3	Altimeter Checkpoint location and elevation	<b>LOCATION</b>		<b>ELEVATION</b>		
		THR 01L		628 FT/191m		
		THR 01R		633 FT/193m		
		THR 19R		624 FT/190m		
		THR 19L		617 FT/188m		
4	VOR Checkpoint locations	Not established				
5	INS Checkpoint positions	<b>RAMP / STAND</b>	<b>INS COORDINATES</b>	<b>ELEVATION (M/AMSL)</b>	<b>ACFT TYPE (CRITICAL)</b>	<b>PUSH BACK TO TWY/ TAXILANE</b>
		Not established	NIL	NIL	NIL	NIL
6	Remarks	- Only Apron 3 and South part of Apron 4 available, under prior request through Civil Administration - All aircraft up to ACN 45 and ICAO Overload operations Criteria for rigid pavements				

<b>LPBJ AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS</b>
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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: RWY designation, centreline, edge, end, THR, touchdown, aiming points. TWY centreline, edge marks and holding position. Lights: RWY edge, end, THR. TWY edge.
3	Stop bars	NIL
4	Remarks	- All Runway exit taxiways (A1, B1, D, E1 and G1) without Information signs UN special conditions in force to entry and exit apron 3 and south part of apron 4, including push back and pull ahead procedures. Consult Civil Admin.

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## LPBJ 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
01L	Terrain, 692 ft, 5500 m, 195°		Wind sensor 10M	38°03'53"N 007°56'09W
	Antenna, 667 ft, 387.5 m, 033° / lighted (day and night)			
	Tower, 818 ft, 2472 m, 047° / lighted			
01R	Terrain, 692 ft, 5500 m, 195°			
19R	Terrain, 620 ft, 1975 m, 005°		Wind sensor 10M	38°05'37"N 007°55'55"W
	Terrain, 669 ft, 2100m, 350°			
	Antenna, 657 ft, 387.5 m, 172° / lighted (day and night)			
	Tower, 818 ft, 2108 m, 145° / lighted			
19L	Terrain, 620 ft, 1975 m, 005°			
	Terrain, 669 ft, 2110 m, 350°			

REMARKS:  
ARRESTING GEAR:

- 44B-2D (Water Twister) RWY 01L and 19R, 25 ft FM THR on SWY.
- 44B-2D (Water Twister) RWY 01R and 19L, 458 ft FM THR on RWY.

## LPBJ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

Abbreviations used in following table:

C	- Charts	SATEL	- Satellite Image
CIMFA	- Air Force MET Information Centre	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	LPBJ
2	Hours of service	H24
3	Office responsible for TAF preparation Periods of validity	CIMFA 24 HR – issuance every 6 hours
4	Trend Forecast Interval of issuance	NIL
5	Briefing/consultation provided	P,T
6	Flight documentation Language(s) used	C English

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7	Charts and other information available for briefing or consultation	P, S, SWM, SWH, W
8	Supplementary equipment available for providing information	SATEL, WXR
9	ATS units provided with information	Beja Approach and Beja Tower
10	Additional information (limitation of service, etc.)	OPS: Phone:+351 284 314 765 Fax:+351 256 790 586

## LPBJ 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
01L	005° 55'	3450X60	PCN 45/R/B/W/T Concrete	THR 01L 38°03'48.41"N 007°56'03.93"W RWY END 38°05'39.70"N 007°55'49.30"W	THR ELEV.628FT	To be determined
19R	185° 55'			THR 19R 38°05'39.70"N 007°55'49.30"W RWY END 38°03'48.41"N 007°56'03.93"W	THR ELEV.624FT	To be determined
01R*	005° 55'	2951X30		THR 01R 38°03'55.61"N 007°55'54.11"W RWY END 38°05'30.78"N 007°55'41.61"W	THR ELEV.633FT	To be determined
19L*	185° 55'			THR 19L 38°05'30.78"N 007°55'41.61"W RWY END 38°03'55.61"N 007°55'54.11"W	THR ELEV.617FT	To be determined
Remarks:	CAUTION: RWY MAY BE SLIPPERY WHEN WET ARRESTING GEAR: <ul style="list-style-type: none"> <li>• 44B2-D (Water Twister) RWY 01L and 19R, 25 ft FM THR on SWY.</li> <li>• 44B2-D (Water Twister) RWY 01R and 19L, 458 ft FM THR on RWY.</li> </ul> * RWY 01R/19L AVAILABLE ONLY FOR TAXI OPERATIONS					

Designations	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA	OFZ	Remarks
1	8	9	10	11	12	13
01L	*275	365X150	4120X150	**	NIL	Operational status: RWY available only for taxi operations.
19R	*275	590X150		104X120	NIL	
01R	254	NIL	NIL	NIL	NIL	
19L	245	NIL	NIL	NIL	NIL	
Remarks:	* NOT TO BE CONSIDERED IN CIVIL AVIATION OPERATIONS ** IN EVALUATION FOR CIVIL AVIATION OPERATIONS					

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## LPBJ AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
01L	3450	3815	*3450	3450	* In MIL OPS consider 3725 M for "ASDA" Declared Distance
19R	3450	4040	*3450	3450	
01R	2951	2951	3205	2951	USABLE ONLY FOR TAXI OPS
19L	2951	2951	3196	2951	

## LPBJ 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
01L	PALS CAT I / 630M Note: APCH lights terminate 275M before THR Intensity ctrl: NIL	Green	PAPI slope 3°, left side. MEHT: 18.46 m (60.5 ft)	NIL	NIL	Bidirectional / white / High intensity adjustable	Red	Red	RWY distance to go panels lighted
19R			PAPI slope 3°, left side. MEHT: 17.89 m (58.7 ft)	NIL	NIL				
01R	NIL	Green	NIL	NIL	NIL	Omnidirectional blue* / High intensity adjustable	Red	NIL	RWY usable only for TAXI purposes. * Yellow lights avbl only for MIL ACFT Operations
19L			NIL	NIL	NIL			NIL	

## LPBJ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN Location: At the top of the Control Tower, flashing green and white. Operation in low visibility and between SS/SR.
2	LDI location and lighting Anemometer location and lighting	Anemometers: RWY01L: Right side, 107M THR, 138M RWY Centreline. Lighted RWY19R: Left side, 110M THR, 110M RWY Centreline. Lighted Middle Point: 1650M THR RWY01L, 107M Right side RWY01L Centreline. Lighted
3	TWY edge and centre line lighting	TWY edge lights, colour blue

4	Secondary power supply/switch-over time	Yes / Not compatible with ICAO Annex 14 standards
5	Remarks	All obstructions lighted; Arresting gear not Marked or Lighted.

**LPBJ AD 2.16 HELICOPTER LANDING AREA**

1	Coordinates TLOF or THR of FATO	Located at intersection TWY F1 and RWY 01R/19L (not painted). North and South heliport located on apron 5 (painted) (only for local HEL).
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	NIL
7	Remarks	NIL

**LPBJ AD 2.17 ATS AIRSPACE**

1	Designation and lateral limits	Beja MCTR 381555N 0080104W - 381455N 0074804W - 381303N 0074818W 375407N 0075037W - 375310N 0075044W - 375355N 0080344W 381555N 0080104W.
2	Vertical limits	3000 ft ALT (900 m)
3	Airspace classification	D
4	ATS unit call sign / Language(s)	Beja Tower, Beja Approach / EN, PT
5	Transition altitude	4000 ft
6	Remarks	H24 (R51A)

**LPBJ AD 2.18 ATS COMMUNICATION FACILITIES**

Service designation	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
APP	BEJA Approach	121.500 MHz 130.100 MHz 243.000 MHz 258.950 MHz 278.000 MHz 362.300 MHz	HO	Emergency Primary Emergency  Primary
PAR	BEJA Precision	121.500 MHz 123.300 MHz 243.000 MHz 379.500 MHz	HO	Emergency Primary Emergency Primary
TWR	BEJA Tower	121.500 MHz 122.100 MHz 130.400 MHz 241.000 MHz 243.000 MHz 257.800 MHz	HO	Emergency Secondary Primary Primary Emergency Secondary
SMC	BEJA Ground	234.000 MHz	HO	

**LPBJ 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
NDB	BJA	376KHZ	H24	380933.3N 0075518.2W		3.9 NM FMTHR RWY19R. Coverage: 100 NM
VORTAC	BEJ	115.800MHZ CH105X	H24	380742.3N 0075536.1W		2.1 NM FM THR RWY19R. Coverage: 150 NM at FL300 TACAN part unusable BTW R-265 and R-275 all levels
ILS RWY 19 (CAT I)						
LOC	BJ	110.300MHZ	H24	380334.1N 0075605.8W		
GP 19R		335KHZ	H24	380529.8N 0075557.7"W		Angle: 3°
DME		CH40X	H24			

**LPBJ AD 2.20 LOCAL TRAFFIC REGULATIONS****2.20.1 Local Flying Restrictions**

Aerodrome approved only for VMC and sunrise to sunset civil aviation operations.

All operators who intend to park aircraft at Beja AD must contact civil administration for coordination.

The Portuguese Air Force shall not be liable for any costs resulting from delays or disruptions caused by unavailability of the aerodrome or its adjacent airspace due to military activities, urgent maintenance works or any other national defense reason.

Air starter equipment not available

Landing aircraft experiencing radio communication failure shall vacate the runway and hold position on the taxiway for "Follow-Me" assistance.

Bird Status procedures:

- Low: continue with normal operations.
- Moderate: Low approach below 500' and Touch and Go not allowed. Apply 20 sec spacing BTW ACFT.
- Severe: only full stop landings are permitted. DEP not allowed.

The following areas are not visible from TWR. Pilots' special awareness is required for possible unknown traffic in these areas:

- TWY B3, F2 and G3
- North and South Heliport

On Friday after 1215 UTC, no Flight Surgeon AVBL;

**LPBJ AD 2.21 NOISE ABATEMENT PROCEDURES**

Landing and/or take-off is forbidden by Law between 00:00 (23:00) and 06:00 (05:00), except in case of aircraft emergencies, medical evacuations and humanitarian flights.

**LPBJ AD 2.22 FLIGHT PROCEDURES**

NIL

**2.22.1 Standard Instrument Departures (SIDs) from BEJA Aerodrome**

**2.22.1.1 RUNWAY 01L/01R**

LPBJ RWY 01L/01R (See chart AD-2.24.7 STANDARD INSTRUMENT DEPARTURE (SID) RWY 01L/01R)				
Designator	Route	After Take-off		Remarks
		Climb to ALT / FL	Contact	
<b>BEJ1N</b> (RWY 01L)	Climb straight to BEJ VORTAC, turn right to intercept R-053 Outbound. At 10D turn right to intercept 15D Arc, then intercept R-128 inbound. Cross BEJ VORTAC at assigned Flight Level.		BEJA TWR 130.400MHz / 241.000MHz BEJA APP 130.100MHz / 278.000MHz LISBOA TMA 120.600MHz / 316.900MHz	
<b>EVURA1N</b> (RWY 01R)	Climb straight to BEJ VORTAC. Intercept R-005 BEJ VORTAC and proceed direct to EVURA (R-005 / 32D BEJ VORTAC).			
<b>GAIOS1N</b> (RWY 01L)	Climb straight to BEJ VORTAC. Turn left to intercept R-292 BEJ VORTAC and proceed direct to GAIOS (R292 / 30D BEJ VORTAC).			
<b>ROSAL1N</b> (RWY 01L)	Climb straight to BEJ VORTAC. Turn right to intercept R-104 10DME BEJ VORTAC direct to ROSAL (R-104 / 40DME BEJ VORTAC).			
<b>XAPAS1N</b> (RWY 01L)	Climb straight to BEJ VORTAC. Turn right to intercept and proceed on R-186 BEJ VORTAC direct to XAPAS (R-186 / 32DME BEJ VORTAC).			

**2.22.1.2 RUNWAY 19R/19L**

LPBJ RWY 19R/19L (See chart AD-2.24.7 STANDARD INSTRUMENT DEPARTURE (SID) RWY 19R/19L)				
Designator	Route	After Take-off		Remarks
		Climb to ALT / FL	Contact	
<b>BEJ1S</b> (RWY 19R)	Climb straight to 6D from BEJ VORTAC. Turn left to intercept R-158 Outbound. At 15D turn left to intercept R-128 Inbound. Cross BEJ VORTAC at assigned Flight Level.		BEJA TWR 130.400MHz / 241.000MHz BEJA APP 130.100MHz / 278.000MHz LISBOA TMA 120.600MHz / 316.900MHz	
<b>EVURA1S</b> (RWY 19L)	Climb straight to 6D from BEJ VORTAC. Turn left to intercept R-149 inbound BEJ VORTAC. After overflying Navaid, turn right R-005 and proceed direct to EVURA (R-005 / 32D BEJ VORTAC).			
<b>GAIOS1S</b> (RWY 19R)	Climb straight to 6D from BEJ VORTAC. Turn left to intercept R-149 inbound BEJ VORTAC. After overflying Navaid, turn left R-292 and proceed direct to GAIOS (R-292 / 30D BEJ VORTAC).			
<b>ROSAL1S</b> (RWY 19R)	Climb straight to 6DME from BEJ VORTAC. Turn left to intercept R-104 10DME BEJ VORTAC direct to ROSAL (R-104 / 40DME BEJ VORTAC).			
<b>XAPAS1S</b> (RWY 19R)	Climb straight to 6DME from BEJ VORTAC. Intercept and proceed on R-186 BEJ VORTAC direct to XAPAS (R-186 / 32DME BEJ VORTAC).			

**LPBJ AD 2.23 ADDITIONAL INFORMATION**

NIL

**LPBJ AD 2.24 CHARTS RELATED TO THE AERODROME**

Name	Page
AERODROME CHART- ICAO	LPBJ AD 2.24.1-1
RADAR MINIMUM ALTITUDE	LPBJ AD 2.24.6-1
SID BEJ 1N / 1S	LPBJ AD 2.24.7A1-1
SID EVURA 1N / 1S	LPBJ AD 2.24.7B1-1
SID GAIOS 1N / 1S	LPBJ AD 2.24.7C1-1
SID ROSAL 1N / 1S	LPBJ AD 2.24.7D1-1
SID XAPAS 1N / 1S	LPBJ AD 2.24.7E1-1
IAC VOR/DME RWY 01L	LPBJ AD 2.24.10A1-1
IAC NDB RWY 19R	LPBJ AD 2.24.10B1-1
IAC ILS Y RWY 19R	LPBJ AD 2.24.10B2-1
IAC VOR/DME RWY 19R	LPBJ AD 2.24.10B3-1
IAC ILS Z RWY 19R	LPBJ AD 2.24.10B4-1
VISUAL APPROACH CHART- ICAO	LPBJ AD 2.24.11-1