

LRBO AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRBO – BOBOC

LRBO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and sites at AD	45°12'58.91"N 026°58'43.28"E Runway center
2	Direction and distance from city	45°, 11 Km North East Buzău
3	Elevation/Reference temperature	351 FT / 23° C
4	MAG VAR/Annual rate of change	5°45' E (2017) / 5.1' E
5	AD Administration, address, telephone, telefax, e-mail, website	Baza Aeriană de Instruire și Formare a Personalului Aeronautic „Aurel Vlaicu” 127192 Boboc, România Tel: + 40-(0)238-719107 + 40-(0)238-718965 Fax: + 40-(0)238-718879 Tel/Fax: + 40-(0)238-718984 E-mail: milais_safa@roaf.ro Website: http://www.afas.ro
6	Types of traffic permitted (IFR/VFR)	IFR / VFR
7	Remarks	Nil

LRBO AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	Nil
3	Health and sanitation	H24 (first aid at AD)
4	AIS Briefing Office	H24 (on request)
5	ATS Reporting Office (ARO)	H24
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	H24 (on request)
9	Handling	H24 (on request)
10	Security	H24
11	De-icing	Nil
12	Remarks	Notification, on requested services, shall be addressed at Fax: + 40-(0)238-718879 (H24)

LRBO AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/Oil types	Kerosene TH type JET A1/ AVGAS 100 LL for Otto engines
3	Fuelling facilities/capacity	1 refueling truck 5000 L - AVGAS 1 refueling truck 18000 L – JET A1
4	Fuel storage jet aircraft	2500 m ³
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

LRBO AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in the city.
2	Restaurants	Restaurants in the city.
3	Transportation	Nil
4	Medical facilities	First aid on the AD. Hospitals in the city.
5	Bank and Post Office	ATM on the AD. Bank and Post Office in the city.
6	Tourist Office	In the city.
7	Remarks	Nil

LRBO AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 6
2	Rescue equipment	2 trucks
3	Capability for removal of disabled aircraft	2 trucks
4	Remarks	Nil

LRBO AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	2 trucks with snow blowers, 2 sweeper, 1 deicing truck, 1 snow removal truck.
2	Clearance priorities	1. RWY 04/22; 2. TWY's G, A, F and E; 3. Helicopters platforms; 4. Aprons.
3	Remarks	Nil

LRBO AD 2.8 APRONS, TAXYWAYS AND CHECK LOCATIONS DATA

1	Apron designation, surface and strength	A-1, Concrete, PCN 67/R/D/W/T B, Concrete, PCN 68/R/D/W/T				
2	Taxiway designation, width, surface and strength	A, 18 M, Concrete, PCN 59/R/D/W/T B, 15 M, Concrete, PCN 91/R/D/W/T C, 15 M, Concrete, PCN 59/R/D/W/T D, 15 M, Concrete, PCN 66/R/D/W/T E, 15 M, Concrete, PCN 53/R/D/W/T F, 15 M, Concrete, PCN 53/R/D/W/T				
3	ACL location and elevation	Location: At aprons (A-1, B). Elevation: 109 / 358 (A-1); 108 / 355 (B).				
4	INS checkpoints	Apron A-1	INS 1	45°12'34.58"N	026°57'57.31"E	355 FT
			INS 2	45°12'34.85"N	026°57'56.34"E	355 FT
			INS 3	45°12'35.11"N	026°57'55.37"E	356 FT
			INS 4	45°12'35.37"N	026°57'54.41"E	356 FT
			INS 5	45°12'35.63"N	026°57'53.44"E	357 FT
		Apron A-2	INS 6	45°12'37.32"N	026°57'55.25"E	358 FT
			INS 7	45°12'48.69"N	026°58'23.20"E	353 FT
		Apron B	INS 8	45°12'49.13"N	026°58'22.55"E	354 FT
			INS 9	45°12'49.58"N	026°58'21.88"E	354 FT
			Helicopter parking platforms	INS 10	45°13'09.31"N	026°57'16.93"E
INS 11	45°13'08.28"N	026°57'18.73"E		388 FT		
INS 12	45°13'07.27"N	026°57'20.50"E		387 FT		
INS 13	45°13'08.07"N	026°57'17.04"E		389 FT		
INS 14	45°13'07.05"N	026°57'18.83"E		388 FT		
INS 15	45°13'06.04"N	026°57'20.61"E	387 FT			
5	Remarks	Taxi of aircraft with a wingspan greater than 15m is not authorized on TWY "E". TWY "F" is available for aircraft taxi from south end till intersection with TWY "E" only.				

LRBO 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 of aircraft stands	RWY/TWY info markings Mandatory instructions markings Taxiing guidance signs at all intersections with TWY and RWY and at holding positions Taxi guiding lines at RWY exits.
2	RWY and TWY markings	RWY: Designation, THR, TDZ, centre line, edges, aiming point TWY: Centre line, holding position at TWY/RWY intersections, edges.
3	Stop bars	Nil
4	Remarks	Nil

LRBO AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas					
OBST Id Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
LRBO_1	NAVAID ANTENNA	45°12'21.99"N026°57'53.42"E	367/19 FT	NIL	RWY/Area affected 04 /APCH 22/TKOF
LRBO_2	NAVAID ANTENNA	45°12'34.41"N026°58'17.81"E	399/51 FT	MARKED/LGTD R	
LRBO_3	TREES	45°12'06.60"N026°57'34.64"E	405/50 FT	NIL	
LRBO_4	NAVAID ANTENNA	45°13'35.34"N026°59'32.30"E	352/14 FT	MARKED/LGTD R	

<i>In circling area and at aerodrome</i>						
LRBO_5	WATER_TOWER	45°13'13.77"N	026°56'42.67"E	528/124 FT	NIL	NIL
LRBO_6	POLE	45°13'34.08"N	026°57'30.74"E	476/27FT	NIL	NIL
LRBO_7	ANTENNA	45°13'20.26"N	026°56'57.67"E	579/162 FT	MARKED/LGTD R	NIL
LRBO_8	NavAid ANTENNA	45°12'05.30"N	026°57'32.38"E	405/50 FT	MARKED/LGTD R	NIL
LRBO_9	CONTROL_TOWER	45°12'44.1"N	026°58'02.7"E	414/46 FT	MARKED/LGTD R	NIL
LRBO_10	NavAid ANTENNA	45°09'46.70"N	026°54'24.58"E	414/66 FT	MARKED/LGTD R	NIL
LRBO_11	NavAid ANTENNA	45°13'01.91"N	026°58'38.81"E	381/26 FT	MARKED/LGTD R	NIL
LRBO_12	NavAid ANTENNA	45°12'45.20"N	026°57'15.50"E	407/33 FT	MARKED/LGTD R	NIL
LRBO_13	Buildings	45°12'57"N	026°58'19.7"E	388/30 FT	NIL	NIL
LRBO_14	Trees	45°12'57.8"N	026°58'20.7"E	420/62 FT	NIL	NIL
LRBO_15	ANTENNAS (UC)	45°13'03.4"N	026°58'28.9"E	391/33 FT	NIL	NIL
LRBO_16	ANTENNAS (UC)	45°13'11.4"N	026°58'16.4"E	424/66 FT	NIL	NIL
LRBO_17	Trees	45°09'46.70"N	026°54'24.58"E	430/82 FT	NIL	NIL
LRBO_18	Buildings	45°13'10.1"N	026°56'54.3"E	432/38 FT	NIL	NIL
LRBO_19	Hangars	45°13'07.8"N	026°57'09.8"E	415/38FT	MARKED/LGTD R	NIL
LRBO_20	Parajets	45°12'34"N	026°57'55"E	371/16 FT	NIL	NIL
LRBO_21	Trees	45°13'03.3"N	026°57'19.1"E	397/20 FT	NIL	NIL
LRBO_22	Poles	45°12'38"N	026°57'54.3"E	380/22 FT	NIL	NIL
LRBO_23	Poles	45°12'50"N	026°58'11"E	380/22 FT	NIL	NIL
LRBO_24	CONTROL_TOWER	45°13'28.1"N	026°59'07.1"E	360/13 FT	MARKED/LGTD R	NIL
LRBO_25	CONTROL_TOWER	45°13'01.1"N	026°57'45.8"E	397/23 FT	MARKED/LGTD R	NIL
LRBO_26	Trees	45°12'53.3"N	026°58'02.5"E	430/72 FT	NIL	NIL
LRBO_27	Parajets	45°12'55.1"N	026°57'10.1"E	390/16 FT	NIL	NIL
LRBO_28	Shelters	45°12'38"N	026°57'55"E	396/38 FT	NIL	NIL
LRBO_29	Shelters	45°12'55.8"N	026°57'08.1"E	412/38 FT	NIL	NIL

LRBO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	<i>Associated MET Office</i>	BOBOC
2	<i>Hours of service MET Office outside hours</i>	H24
3	<i>Office responsible for TAF preparation</i> <i>Periods of availability</i>	ABOC 24 HRS
4	<i>Type of landing forecast</i> <i>Interval of issuance</i>	TREND H24
5	<i>Briefing/consultation provided</i>	Self-briefing; briefing/consultation on request (see row 8)
6	<i>Flight documentation</i> <i>Language(s) used</i>	Charts, tabular form, abbreviated plain language text Romanian, English
7	<i>Charts and other information available for briefing or consultation</i>	W/T Charts, SIGMET, METAR, TAF
8	<i>Supplementary equipment available for providing information</i>	Tel: +40-(0)238719107 extention 105
9	<i>ATS units provided with information</i>	TWR/APP/ABOC Boboc
10	<i>Remarks</i>	Nil

LRBO AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

<i>Designations</i> <i>RWY</i> <i>Nr</i>	<i>TRUE</i> <i>BRG</i>	<i>Dimensions of</i> <i>RWY(M)</i>	<i>Strength (PCN)</i> <i>and surface of</i> <i>RWY and SWY</i>	<i>THR coordinates</i> <i>RWY end coordinates</i> <i>THR geoid undulation</i>	<i>THR elevation</i> <i>Highest elevation of</i> <i>TDZ of precision</i> <i>APP RWY</i>
1	2	3	4	5	6
04	043.67°	2500 x 80	45/R/D/W/T Concrete	45°12'29.65"N 026°58'03.76"E	THR 357 FT
22	223.67°	2500 x 80	45/R/D/W/T Concrete	45°13'28.23"N 026°59'22.89"E	THR 342 FT

03	040.20°	600 x 60	Grass	45°12'55.81"N 026°57'26.58"E	THR 375 FT
21	220.20°	600 x 60	Grass	45°13'10.66"N 026°57'44.33"E	THR 368 FT
<i>Slope of RWY-SWY</i>	<i>SWY dimensions (M)</i>	<i>CWY dimensions (M)</i>	<i>Strip dimensions (M)</i>	<i>OFZ</i>	<i>Remarks</i>
7	8	9	10	11	12
-0.18	Nil	300 x 150	2620 x 300	Nil	Nil
+0.18	Nil	300 x 150	2620 x 300	Nil	Nil
-0.10	Nil	Nil	600 x 60	Nil	Nil
+0.10	Nil	Nil	600 x 60	Nil	Nil

LRBO AD 2.13 DECLARED DISTANCES

RWY	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
04	2500	2800	2500	2500	Concrete
22	2500	2800	2500	2500	RWY
03	600	700	600	600	Grass
21	600	700	600	600	RWY

LRBO AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APC LGT: Type Length Intensity	THR LGT: Colour WBAR	VASIS (MEHT) PAPI	TDZ LGT length	RWY centre line LGT: Length Spacing Colour Intensity	RWY Edge LGT: Length Spacing Colour Intensity	RWY end LGT: Length Colour WBAR	SWY LGT: Length Colour
04 Concrete	ALSF1 – 900 m LIH	Green	PAPI 3°	Nil	Nil	1900M, 60M White, LIH 600M, 60M Yellow, LIH	Red	Nil
22 Concrete	SSALS-420M LIH	Green	Nil	Nil	Nil	1900M, 60M White, LIH 600M, 60M Yellow, LIH	Red	Nil
03 Grass	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
21 Grass	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

LRBO AD 2.15 OTHER LIGHTING AND SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	Nil
3	TWY edge and centerline LGT	Blue edge LIL
4	Secondary power supply / switch-over time	Yes, switch-over 8sec
5	Remarks	Nil

LRBO AD 2.16 HELICOPTER LANDING AREA

Heliport Designator	B	K
1 Heliport type	Surface level	Surface level
2 Coordinates of geometric centre TLOF	45°12'50.33"N 026°58'20.38"E	45°13'06.47"N 026°57'22.52"E
3 TLOF / FATO elevation	109 M / 355 FT	118 M / 388 FT
4 FATO dimensions, surface type, markings	21 M x 21 M / 69 FT x 69 FT, concrete, white	23 M x 23 M / 76 FT x 76 FT, concrete, white
5 FATO, TRUE bearing	043.67° / 223.67°	040.20° / 220.20°
6 Declared distances available	Nil	Nil
7 Approach and FATO lighting	Red/White	Yellow/White
8 Remarks	Nil	Nil

LRBO AD 2.17 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	BOBOC CTR A circle, radius 15NM centered at 45°12'59.91"N 026°58'43.28"E (ARP)
2	<i>Vertical limits</i>	SFC to 5500 FT AMSL
3	<i>Airspace classification</i>	C
4	<i>ATS units call sign Language(s)</i>	Safir Tower, Safir Approach English, Romanian
5	<i>Transition altitude</i>	7000 FT AMSL
6	<i>Remarks</i>	Nil

LRBO AD 2.18 ATS COMMUNICATION FACILITIES

<i>Service designation</i>	<i>Call sign</i>	<i>Frequency (VHF)</i>	<i>Frequency (UHF)</i>	<i>Hours of operation</i>	<i>Remarks</i>
TWR	Safir Tower	125.400 MHz	279.800 MHz	H24	Concrete RWY 04/22
TWR	Safir Tower 2	119.850 MHz	279.800 MHz	On request	Grass RWY 03/21
APP/SRE	Safir Approach	132.700 MHz	314.550 MHz	H24	-
APP/PAR	Safir Precision	124.450 MHz	-	H24	-
AIR TRAFFIC INFORMATION	Safir Control	130.800 MHz	-	H24	-
EMERGENCY	-	121.500 MHz	-	H24	-

LRBO AD 2.19 RADIO NAVIGATION AND LANDING AIDS

<i>Type</i>	<i>ID</i>	<i>Frequency</i>	<i>Hours of operation</i>	<i>Position of transmitting antenna coordinates</i>	<i>Remarks</i>
LOC 04	IBO	111,7 MHz	H24	45°13'35.34"N 026°59'32.30"E	Front course angle 4.4° Cat.I ICAO
GP 04	-	333,5 MHz	H24	45°12'34.41"N 026°58'17.81"E	GP Angle 3° RDH 54 FT
NDB(LO)	BSV	397 KHz	On request	45°09'45.53"N 026°54'23.22"E	217° MAG / 3.75NM from THR 04 (Concrete RWY)
NDB(LM)	BS	332 KHz	On request	45°12'06.60"N 026°57'34.64"E	217° MAG / 0.55NM from THR 04 (Concrete RWY)
NDB	BN	507 KHz	On request	45°12'46"N 026°57'14"E	214° MAG / 0.2NM from THR 03 (Grass RWY)

LRBO AD 2.20 LOCAL TRAFFIC REGULATIONS

-NIL-

LRBO AD 2.21 NOISE ABATEMENT PROCEDURES

-NIL-

LRBO AD 2.22 FLIGHT PROCEDURES

-NIL-

LRBO AD 2.23 ADDITIONAL INFORMATIONS

-NIL-