AD 2 AERODROMES

LQBK - BANJA LUKA

Note: The following sections in this chapter are intentionally left blank: AD-2.16, AD-2.21, AD-2.23, AD-2.25

LQBK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LQBK - INTERNATIONAL AIRPORT BANJA LUKA

LQBK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	445629.03N 0171750.91E 1250 M BRG 170° GEO from THR 16
2	Direction and distance from (city)	18 KM BRG 022º from railway station Banja Luka
3	Elevation/Reference temperature	401 FT / 28°C (JUL)
4	Geoid undulation at AD ELEV PSN	NIL
5	MAG VAR/Annual Change	5°E (2020)/0.1° increasing
6	Name of AD operator Address Telephone Telefax AFS SITA E-mail URL	Post: Preduzeće za usluge u vazdušnom saobraćaju Aerodromi Republike Srpske A.D. Ljevčanska 141 78280 Laktaši Phone: +387 51 535 210 Fax: +387 51 535 210 +387 51 535 217 AFS: LQBKZPZX SITA: BNXAPXH E-mail: headoffice@bnx.aero URL: www.bnx.aero
7	Types of traffic permitted (IFR/VFR)	IFR-VFR
8	Remarks	Information about Airport slot allocation AVBL via TEL: +387 51 535 220 FAX: +387 51 535 217

LQBK AD 2.3 OPERATIONAL HOURS

1	AD	0800 - 1600 (Local time) MON - FRI (Administration)
2	Customs and immigration	Upon NOTAM
3	Health and sanitation	Upon NOTAM
4	AIS Briefing Office	H24
5	ATS Reporting Office (ARO)	H24
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	Upon NOTAM
9	Handling	Upon NOTAM
10	Security	H24
11	De-icing	Upon NOTAM
12	Remarks	Extension of AD operating time O/R 24H in advance

LQBK AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Fork lift truck up to 5 T Fork lift truck up to 2.5 T MDHL JBT Commander 30i AVBL: For details please contact Cargo Department on: +387 66 716 196
2	Fuel/oil types	Jet A1
3	Fuelling facilities/capacity	Fuel trucks with capacity 23000 L and 18500 L (A1) - Supplier Super Petrol
4	De-icing facilities	De-icing vehicles: FMC TM 1800, capacity 1800 US gallons (6813 L), Maximum working height: 14.63 M JBT Thempest, capacity 2000 US gallons (7571 L), Maximum working height: 15.75 M Fluid types and available mixes: Type I 50/50 % fluid/water mix (heated) Type IV 100/0 % fluid/water mix
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

LQBK AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in Laktaši and Banja Luka
2	Restaurants	At AD and in Banja Luka
3	Transportation	Taxi at AD
4	Medical facilities	First aid at AD, hospital in Banja Luka
5	Bank and Post Office	In Laktaši and Banja Luka
6	Tourist Office	In Banja Luka
7	Remarks	NIL

LQBK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 6[1)]
2	Rescue equipment	According to ICAO Annex 14
3	Capability for removal of disabled aircraft	Removal of disabled aircraft is responsibility and will be done by Aircraft Operator in coordination with the Aerodrome Operator using either airport equipment for light aircrafts or outsourced equipment for that purpose for large aircrafts. Contact of duty officer: Phone: +387 51 535 220 E-mail: aerbnx@bnx.aero
4	Remarks	CAT 7 AVBL O/R 48 HR by prior notice

LQBK AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1	Types of clearing equipment	1x Snow blower Bucher-Schoerling (R1, 500 W, 400 E) 1x Snow blower Bucher-Schoerling 2x Airport Sweeper Bucher-Schoerling (SB80CJ) 3x Snow plough FAP 13 1x Combined Snow plough-sweeper Overaasen: 1x Urea spreader
2	Clearance priorities	RWY, TWYs, APN
3	Use of material for movement area surface treatment	NIL
4	Specially prepared winter runways	NIL
5	Remarks	NIL

LQBK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron designation, surface and strength	**APRON**		**SURFACE**	**STRENGTH**
		APRON I		CONC	PCN 65/R/B/X/T
2	Taxiway designation, width, surface and strength	**TAXIWAY**	**WIDTH**	**SURFACE**	**STRENGTH**
		A	22.5 M	CONC	PCN 65/R/B/X/T
		B	22.5 M	CONC	PCN 65/R/B/X/T
3	Altimeter checkpoint location and elevation	Apron, 120 M			
4	VOR checkpoints location	NIL			
5	Position of INS checkpoints	AVBL			
6	Remarks	NIL			

LQBK 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	Yes
2	RWY and TWY markings and LGTs	RWY-16/34 Designations, THR, TDZ, fixed distances, centre line, edges
		TWY A: Holding positions, edges, centre line, Marshaller
		TWY B: Holding positions, edges, centre line, Marshaller
3	Stop bars	NIL[1)]
4	Remarks	[1)]Runway Guard Lights - RGL (WIG WAG) on TWYs A and B

LQBK AD 2.10 AERODROME OBSTACLES

1. OBSTACLES IN AREA 2

Obstacle ID	Obstacle type	Coordinates	ELEV at TOP/ HGT	Marking / LGT type / colour	Remarks
1	2	3	4	5	6
NIL	NIL	NIL	NIL	NIL	NIL

2. OBSTACLES DATA ABSENCE OF AN AREA 2 DATA SET FOR THE AERODROME

2.1 OBSTACLES THAT PENETRATE THE OBSTACLE LIMITATION SURFACES

NIL

2.2 OBSTACLES THAT PENETRATHE TAKE-OFF FLIGHT PATH AREA OBSTACLE IDENTIFICATION SURFACE

NIL

2.3 OTHER OBSTACLES ASSESSED AS BEING HAZARDOUS TO AIR NAVIGATION

NIL

3. OBSTACLES IN AREA 3

Obstacle ID	Obstacle type	Coordinates	ELEV at TOP/ HGT	Marking / LGT type / colour	Remarks
1	2	3	4	5	6
NIL	NIL	NIL	NIL	NIL	NIL

LQBK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	BANJA LUKA MET
2	Hours of service MET Office outside hours	H24 -
3	Office responsible for TAF preparation Periods of validity Interval of issuance	MWO Banja Luka 24 HR NIL
4	Trend forecast Interval of issuance	TREND 30 MIN
5	Briefing / Consultation provided	Personal briefing or via telephone: +387 51 337 573
6	Flight documentation Language(s) used	METAR, TAF, SIGMET Charts: SWC, W/T English
7	Charts and other information available for briefing or consultation	Diagnostic and prognostic surface and upper-level charts of meteorological fields Satellite images
8	Supplementary equipment available for providing information	Internet access
9	ATS units provided with information	Banja Luka TWR, Banja Luka APP
10	Additional information (limitation of service, etc.)	NIL

LQBK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designator	True BRG	Dimensions of RWY (M)	Strength of pavement (PCN) and surface of each RWY and associated SWY	THR COORD, RWY end COORD, THR GUND	THR ELEV and highest ELEV of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
16	170.01°	2500 X 45	1740 M: PCN 90/F/B/W/T ASPH 760 M: PCN 65/R/B/X/T CONC	445708.86N 0171740.53E NIL	THR 375.72 FT TDZ NIL	NIL
34	350.01°	2500 X 45	760 M: PCN 65/R/B/X/T CONC 1740 M: PCN 90/F/B/W/T ASPH	445549.20N 0171801.29E NIL	THR 401.34 FT TDZ NIL	NIL

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location/ description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	NIL	2620 X 150	120 x 90	NIL	NIL	NIL
NIL	NIL	2620 X 150	NIL x NIL	NIL	NIL	NIL

LQBK AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
16	2500	2500	2500	2500	NIL
34	2500	2500	2500	2500	NIL

LQBK AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type, LEN, INTST	RWY THR LGT, colour and WBAR	VASIS (MEHT), PAPI	TDZ LGT LEN
1	2	3	4	5
16	CAT I Type B (Alpa Ata) 900 M LIH	G NIL	PAPI LEFT 3°	NIL
34	SALS, 420 M LIL	G NIL	PAPI LEFT 3°	NIL

RWY Centre Line LGT LEN, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
6	7	8	9	10
2500 M 30 M W 0-1600 M R/W 1600-2200 M R 2200-2500 M LIH	2500 M 60 M W 0-1900 M Y 1900-2500 M LIH	R	NIL	NIL
2500 M 30 M W 0-1600 M R/W 1600-2200 M R 2200-2500 M LIH	2500 M 60 M W 0-1900 M Y 1900-2500 M LIH	R	NIL	NIL

LQBK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: NIL IBN: NIL
2	LDI location and LGT Anemometer location and LGT	LDI: NIL Anemometer: See AD chart; lighted
3	TWY edge and centre line lighting	Edge: A, B CL: NIL
4	Secondary power supply/switch-over time	AVBL / 10 SEC
5	Remarks	NIL

LQBK AD 2.16 HELICOPTER LANDING AREA

NIL

LQBK AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	BANJA LUKA CTR 450111.76N 0172012.20E; then a clockwise arc radius 5 NM centered on ARP AD LQBK; 445240.77N 0172224.84E; 444706.18N 0172351.33E; 444611.75N 0171657.13E; 445146.25N 0171530.00E; then a clockwise arc radius 5 NM centered on ARP AD LQBK; 450017.10N 0171316.37E; 450818.97N 0171109.69E; 450913.76N 0171806.45E; 450111.76N 0172012.20E.
2	Vertical limits	GND - 5500 FT AMSL
3	Airspace classification	D
4	ATS unit call sign Language(s)	BANJA LUKA TOWER/ BANJA LUKA TORANJ English/ Bosnian/ Croatian/ Serbian
5	Transition altitude	10000 FT AMSL
6	Hours of applicability	NIL
7	Remarks	NIL

LQBK AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel (s)	SAT-VOICE number (s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
APP	BANJA LUKA APPROACH/ BANJA LUKA PRILAZNA KONTROLA	133.075 MHZ	NIL	NIL	H24	Primary FREQ
		124.175 MHZ	NIL	NIL	H24	Spare FREQ
		121.500 MHZ	NIL	NIL	H24	EMREG FREQ
TWR	BANJA LUKA TOWER/ BANJA LUKA TORANJ	133.075 MHZ	NIL	NIL	H24	Primary FREQ
		124.175 MHZ	NIL	NIL	H24	Spare FREQ
		121.500 MHZ	NIL	NIL	H24	EMERG FREQ
GND	BANJA LUKA GROUND	NIL	NIL	NIL	NIL	NIL
ATIS	BANJALUKA INFORMATION	122.625 MHZ	NIL	NIL	H24	NIL

LQBK AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids, MAG VAR, type of supported OPS for ILS/MLS/ GLS, basic GNSS and SBAS, classification for ILS, facility classification and approach facility designation(s) for GBAS (for VOR/ILS/MLS stations, give declination)	ID	Frequency Channel number Service provider	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR/DME (5°E/2020)	LAK	115.3 MHZ CH 100X	H24	445629.89N 0171745.50E	124.57 M	UNSATISFACTORY DME LAK COVERAGE (POWER DENSITY OUT OF TOLERANCES) BETWEEN R175 AND R320 CLOCKWISE, FLIGHT PROFILE: ORBITE R=40NM ALT 6000-8000 FT QNH. UNSATISFACTORY VOR LAK COVERAGE (POWER DENSITY OUT OF TOLERANCES) BETWEEN R260 AND R295 CLOCKWISE, FLIGHT PROFILE: ORBITE R=40NM ALT 6000-7000 FT QNH. UNSATISFACTORY DME LAK COVERAGE (POWER DENSITY OUT OF TOLERANCES) BETWEEN R185 AND R305 CLOCKWISE, FLIGHT PROFILE: ORBITE R=25NM ALT 4800-5500 FT QNH.

Type of aids, MAG VAR, type of supported OPS for ILS/MLS/ GLS, basic GNSS and SBAS, classification for ILS, facility classification and approach facility designation(s) for GBAS (for VOR/ILS/MLS stations, give declination)	ID	Frequency Channel number Service provider	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DME 16 (5°E/2020)	BAL	108.7 MHZ CH 24X	H24	445700.44N 0171748.31E	123.27 M	Collocated with GP16
GP 16 (5°E/2020)		330.5 MHZ	H24	445700.44N 0171748.31E	130.53 M	NIL
LOC 16 (5°E/2020)	BAL	108.7 MHZ	H24	445540.19N 0171803.63E	126.02 M	ILS CAT I

LQBK AD 2.20 LOCAL TRAFFIC REGULATIONS

1. SLOT AND HANDLING REQUEST FORM

Application form is available on: https://bnx.aero/wp-content/uploads/2021/09/Slot-zahtjev-.docx
Refuelling supplier at Banja Luka Airport:

- Super Petrol
  Tel: +387 65 938 505
  Email: teodorovicd@super-petrol.com

LQBK AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

LQBK AD 2.22 FLIGHT PROCEDURES

Banja Luka Airport is classified as CAT A airport.
Descriptions of arrival and departure procedures are on the charts.
In case of complete communication failure, ATC signal light gun is available on Banja Luka TWR.
Pilots shall observe light signals from TWR.

LQBK AD 2.23 ADDITIONAL INFORMATION

NIL

LQBK AD 2.24 CHARTS RELATED TO AN AERODROME

Name	Page
Aerodrome Chart - ICAO	LQBK AD 2.24.01 - 1
Aircraft Parking/Docking Chart - ICAO	NIL
Aerodrome Ground Movement Chart - ICAO	NIL
Aerodrome Obstacle Chart - ICAO - Type A (RWY 16/34)	LQBK AD 2.24.04 - 1
Aerodrome Terrain and Obstacle Chart - ICAO (Electronic)	NIL
Precision Approach Terrain Chart - ICAO	NIL
Area Chart – ICAO (departure and transit routes)	NIL
Standard Departure Chart - Instrument (SID) - ICAO (DOBOT 1J, MARIL 1J, OKSIG 1J, TEBLI 1J CONV SID RWY 34)	LQBK AD 2.24.08 - 9
Standard Departure Chart Instrument SID ICAO (DOBOT 1M, MARIL 1M, OKSIG 1M, TEBLI 1M RNP SID RWY 16)	LQBK AD 2.24.08 - 11
Standard Departure Chart Instrument SID ICAO (DOBOT 1G, KOMAR 1G MARIL 1G, TEBLI 1G RNP SID RWY 34)	LQBK AD 2.24.08 - 15
Area Chart – ICAO (arrival and transit routes)	NIL
Standard Arrival Chart Instrument STAR ICAO (BOSNA 1H, DER 1H, KOMAR 1H, LURID 1H, NOVLO 1H CONV STAR RWY 16)	LQBK AD 2.24.10 - 5
Standard Arrival Chart Instrument STAR ICAO (BOSNA 1F, DER 1F, KOMAR 1F, NOVLO 1F RNP STAR RWY 16)	LQBK AD 2.24.10 - 7
Standard Arrival Chart Instrument STAR ICAO (BOSNA 1N, DER 1N KOMAR 1N, LURID 1N, NOVLO 1N RNP STAR RWY 34)	LQBK AD 2.24.10 - 11
ATC Surveillance Minimum Altitude Chart - ICAO	NIL
Instrument Approach Chart - ICAO (RNP RWY 34)	LQBK AD 2.24.12 - 7
Instrument Approach Chart ICAO (ILS or LOC RWY 16)	LQBK AD 2.24.12 - 9
Instrument Approach Chart ICAO (VOR RWY 16)	LQBK AD 2.24.12 - 11
Instrument Approach Chart ICAO (RNP RWY 16)	LQBK AD 2.24.12 - 13
Visual Approach Chart - ICAO	LQBK AD 2.24.13 - 1
Bird concentrations	NIL

LQBK AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

NIL