

**UASZ AD 2**

Note: The following sections in this chapter are intentionally left blank: AD 2.10, AD-2.14, AD-2.16, AD-2.21

**UASZ AD 2.1 Aerodrome Location Indicator And Name**

UASZ - ZAISAN

**UASZ AD 2.2 Aerodrome Geographical And Administrative Data**

1	ARP coordinates and site at AD	472915N 0845316E At the center of RWY
2	Direction and distance from (city)	0.5NM N of Zaisan
3	Elevation/Reference temperature	1893 FT/28.5° C
4	Geoid undulation at AD ELEV PSN	-150 FT
5	MAG VAR/Annual Change	5° E ( 2017 ) / 0.1°
6	AD Administration, address, telephone, telefax, telex, e-mail address, AFS, website address	Post: Authority of Airport JSC "Ust-Kamenogorsk Airport", 070009 Ust-Kamenogorsk, Republic of Kazakhstan  Phone: +7 (7232) 778100 Phone: +7 (7234) 027065 Fax: +7 (7232) 778100 Fax: +7 (7234) 027065 AFS: UASKAPDU
7	Types of traffic permitted (IFR/VFR)	IFR-VFR
8	Remarks	Nil

**UASZ AD 2.3 Operational Hours**

1	AD Operator	See NOTAM
2	Customs and immigration	Nil
3	Health and sanitation	HO
4	AIS Briefing Office	HO
5	ATS Reporting Office (ARO)	HO Phone: +7(7232) 293441
6	MET Briefing Office	HO Phone: +7 (72340) 21494
7	ATS	See NOTAM
8	Fuelling	Nil
9	Handling	HO
10	Security	H24
11	De-icing	Nil
12	Remarks	Nil

## UASZ AD 2.4 Handling Services And Facilities

1	Cargo-handling facilities	Nil
2	Fuel/oil types	Nil
3	Fuelling facilities/capacity	Nil
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

## UASZ AD 2.5 Passenger Facilities

1	Hotels	In the city Zaisan
2	Restaurants	In the city Zaisan
3	Transportation	Taxis
4	Medical facilities	Nil
5	Bank and Post Office	In the city Zaisan
6	Tourist Office	Nil
7	Remarks	Nil

## UASZ AD 2.6 Rescue And Fire Fighting Services

1	AD category for fire fighting	CAT A3
2	Rescue equipment	Fire truck "Kamaz" 1 piece. Ambulance 1 piece, technical and medical kit.
3	Capability for removal of disabled aircraft	Ground handling equipment for towing disabled aircraft - 1 piece.
4	Remarks	Nil

## UASZ AD 2.7 Seasonal Availability - Clearing

1	Types of clearing equipment	Airfield sweeper combination Irrigation - 2, rotor -1
2	Clearance priorities	1. RWY 2. TWY 3. Stands
3	Remarks	Nil

**UASZ AD 2.8 Aprons, Taxiways And Check Locations/Positions Data**

1	Apron surface and strength	STANDS		SURFACE	STRENGTH
		1-2		CONC+ASPH	PCN 31/F/C/Y/T
2	Taxiway width, surface and strength	TWY	WIDTH (M)	SURFACE	STRENGTH
		A	16 M	CONC+ASPH	PCN 31/F/C/Y/T
3	Altimeter checkpoint location and elevation	Line-up RWY 09 - 576.59 m Line-up RWY 27 - 565.32 m			
4	VOR checkpoints	Nil			
5	INS checkpoints	Nil			
6	Remarks	Nil			

**UASZ 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	Guidance sign board at entrance of RWYs, guidance sign designating taxiways
2	RWY and TWY markings and LGT	Markings of thresholds, touchdown zones, centre line, fixed distance markers, RWY designations, taxi holding positions, taxiway centre lines
3	Stop bars	Nil
4	Other runway protection measures	Nil
5	Remarks	Nil

**UASZ AD 2.10 Aerodrome Obstacles**

NIL

**UASZ AD 2.11 Meteorological Information Provided**

1	Associated MET Office	Meteorological service Ust-Kamenogorsk Phone: +7 (7232) 293483 Weather station Zaisan Phone: +7 (72340) 21494
2	Hours of service MET Office outside hour	HO
3	Office responsible for TAF preparation: Periods of validity	Meteorological service Ust-Kamenogorsk, 6 HR (0006, 0309, 0612, 0915, 1218)
4	Trend forecast Interval of issuance	Nil
5	Briefing/consultation provided	Personal consultation (Russian)
6	Flight documentation/languages used	TAF, METAR, SPECI, SIGMET, GAMET, AIRMET English
7	Charts and other information AVBL for briefing or consultation	Nil
8	Supplementary equipment AVBL for providing information	Nil
9	ATS units provided with information	TWR
10	Additional information	Nil

UASZ AD 2.12 Runway Physical Characteristics

Designation s RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates 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
09	89.98°	1502 X 35	31/F/C/Y/T CONC+ASPH	472914.96N 0845239.96E - -150,3 FT	THR 1891.8 FT	1,1% (0,0077377)
27	269.99°	1502 X 35	31/F/C/Y/T CONC+ASPH	472914.97N 0845351.78E - -150 FT	THR 1854,9 FT	1,1% (0,0077377)

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
Nil	221 X 150	1802 X 150	90 X 80	Nil	Nil	Nil
Nil	400 X 150	1802 X 150	90 X 80	Nil	Nil	Nil

UASZ AD 2.13 Declared Distances

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	1502	1723	1502	1502	Nil
27	1502	1902	1502	1502	Nil

UASZ AD 2.14 Approach And Runway Lighting  
NIL

UASZ AD 2.15 Other Lighting, Secondary Power Supply

1	ABN/IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	LDI: Nil Anemometer: Nil
3	TWY edge and centre line lighting	Nil
4	Secondary power supply/switch-over time	Nil
5	Remarks	Nil

**UASZ AD 2.16 Helicopter Landing Area**

NIL

**UASZ AD 2.17 ATS Airspace**

1	Designation and lateral limits	ZAISAN CTR 472206N 0843351E then a clockwise arc radius 15 NM centered on 472915N 0845316E - 472219N 0851250E - 472206N 0843351E
2	Vertical limits	7000 FT ALT / GND
3	Airspace classification	C
4	ATS unit call sign Language(s)	ZAISAN VYSHKA RU
5	Transition altitude	10000 FT
6	Hours of applicability	See NOTAM
7	Remarks	Radar in the aerodrome area is not provided. In the aerodrome area of takeoff and landing simultaneously must be no more than one aircraft. In the aerodrome area for IFR flights at the same level (height) must be no more than one aircraft

**UASZ AD 2.18 ATS Communication Facilities**

Service designation	Call sign	Frequency	SATVOICE number(s)	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
TWR	ZAISAN VYSHKA (RU)	118,7 MHZ	Nil	Nil	See NOTAM	Nil

**UASZ AD 2.19 Radio Navigation And Landing Aids**

Type of aid, MAG VAR, ILS Classification, Type of supported OP (for VOR/ILS/MLS, give declination)	ID	Frequency, Channel number	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
NDB	ZSN	552 KHZ	HO	472905.9N 0845308.2E	Nil	Nil	Nil

**UASZ AD 2.20 Local Aerodrome Regulations**

Aerodrome is available for category C aircraft types YAK-40, AN-24 and AN-26, except for AN-74.

Provision of safety level by mobile fire station, for monitoring the takeoff and landing of aircraft on all sections of the runway, is deployed at the holding point as per airport operation regulations, equipped with optical observation tools and lighting equipment. All airport teams involved in emergency rescue operations are equipped with communication devices through which they receive signals of «Readiness» or «Alert» if necessary.

**UASZ AD 2.21 Noise Abatement Procedures**

NIL

## UASZ AD 2.22 Flight Procedures

### 1. Flight and ground movement procedures.

Takeoff shall be performed from the starting point of RWY where runway physical characteristics complies required actual aircraft takeoff weight and takeoff conditions.

Aircraft takeoff with tailwind is permitted in case when tailwind speed corresponds to the value: for all aircraft types not greater than value set by Flight Operational manual of each aircraft type, but not greater than 5m/sec; for helicopters - not greater than value set by Flight Operational manual of each aircraft type.

Aircraft ground movement on manoeuvring area shall be carried out by taxiing or towing. Taxiing and towing shall be carried out strictly along TWY centreline and apron guideline.

Hover taxiing of helicopters with skids from stands to takeoff area and back shall be carried out along taxiway markings.

Taxiing shall be carried out after received clearance, taxiing route, stand number and other information for safe taxiing from "Zaisan Tower" ATC. Taxiing speed shall be set by pilot-in-command according to the condition of TWY, presence of obstacles, aircraft weight, wind conditions and visibility.

In all cases taxiing speed should not exceed speed set by Flight Operational manual of this type of aircraft.

"Zaisan" ATC is responsible for taxi route assignment; pilot-in-command is responsible for safety and taxiing rules compliance.

Taxiing out of stands shall be carried out by marshaller's signals, in case of his absence – by pilot-in-command's decision.

Helicopter taxiing shall be carried out with wind limitations, according to Flight Operational manual, at constant visibility of landmarks located in front.

The movement of all types of special vehicles at the airport shall be carried out only at the set marked routes, according to the "Aircraft, special vehicles and mechanical equipment placement and movement chart".

Take-off from the point of crossing TWY1/RWY09 and TWY1/RWY27 is prohibited.

IIFR flights are not carried out beyond the limiting bearing determined by bearings 262° D14 ZSN to BRG 090° D14 ZSN from the NDB ZSN below an altitude of 5000 feet.

### 2. Low Visibility Procedures.

In low visibility conditions take-off and landing are not performed.

### 3. VFR procedures within the aerodrome control zone (CTR).

Air traffic service in the control zone (CTR) of the Zaisan aerodrome is carried out by the controller of the «Zaisan -Vyshka» ATC unit. VFR flights in the control zone (CTR) are carried out at absolute altitudes according to the QNH pressure of the aerodrome. Flights altitudes are calculated by the aircraft crew in accordance with the Civil Aviation Flight Rules of the Republic of Kazakhstan. The functions of Air traffic service does not include ground collision avoidance. Aircraft crews are responsible for avoiding artificial obstacles. VFR flights at altitudes below 3000 feet in the control zone are performed at the altitudes indicated in the flight plan or requested by the aircraft crew.

At Zaisan aerodrome holding patterns are established at an absolute altitude to await the VFR approach order for the landing of category «A» aircraft and helicopters. The holding patterns (left/right turns) to be used are determined and reported to the aircraft crew by «Zaisan -Vyshka» ATC unit. Exit to the final leg, crossing the runway course shall be made only with the permission of the «Zaisan -Vyshka» ATC unit.

VFR transit flights through the control zone of Zaisan are carried out along the route via control points and at altitudes agreed with the «Zaisan -Vyshka» ATC unit.

Depending on the air or meteorological situation, the «Zaisan -Vyshka» ATC unit, uses other visual landmarks for arrival, departure, overflight and waiting for aircraft, if necessary.

## Visual Reference Points of VFR flights within Zaisan CTR

No	Name	Type	Location	Geographic coordinates	Distance from ARP Zaisan
1	ALPHA	entry / exit	eastern outskirts of the settlement Birzhan	474400N 0845708E	15.0 NM
2	BRAVO	entry / exit	eastern outskirts of the settlement Karatal	473636N 0851233E	15.0 NM
3	CHARLIE	entry / exit	abandoned runway visual landmark	473620N 0843346E	15.0 NM
4	DELTA	entry / exit	South-east shore of lake Zaisan	474203N 0844144E	15.0 NM
5	HOTEL	holding	southern outskirts of the settlement Daiyr	473659N 0850027E	9.1 NM
6	TANGO	holding	western edge of the settlement Karabulak	473349N 0844019E	9.9 NM

## UASZ AD 2.23 Additional Information

## 1. Accepted exceptions, exemptions and restrictions in aerodrome certificate.

Regulatory reference	Requirement of regulations	Description of exceptions, exemptions and restrictions	Measures taken and validity period
Nil	Nil	Nil	Nil

## UASZ AD 2.24 Charts Related To An Aerodrome

Name	Page
Aerodrome Chart ICAO	UASZ AD 2.24.1-1
Aerodrome Ground Movement and Parking Chart ICAO	UASZ AD 2.24.3-1
Area Chart - ICAO	UASZ AD 2.24.6-1
Standard Departure Chart Instrument (SID) - RWY 09 ICAO	UASZ AD 2.24.7-1-1
Standard Departure Chart Instrument (SID) - RWY 27 ICAO	UASZ AD 2.24.7-2-1
Standard Arrival Chart Instrument (STAR) - RWY 09 ICAO	UASZ AD 2.24.9-1-1
Instrument Approach Chart - NDB RWY 09 ICAO	UASZ AD 2.24.11-1-1
Visual Approach chart – ICAO	UASZ AD 2.24.12-1
VFR Departure/Arrival Chart	UASZ AD 2.24.14-1

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