

UASU AD 2

Note: The following sections in this chapter are intentionally left blank: AD-2.10, AD-2.14, AD-2.15, AD-2.20, AD-2.21

UASU AD 2.1 Aerodrome Location Indicator And Name

UASU - URDZHAR

UASU AD 2.2 Aerodrome Geographical And Administrative Data

| | | |
|---|---|--|
| 1 | ARP coordinates and site at AD | 470531N 0814006E At the center of RWY |
| 2 | Direction and distance from (city) | 2.7 NM E of Urdzhar |
| 3 | Elevation/Reference temperature | 1702 FT/4° C |
| 4 | Geoid undulation at AD ELEV PSN | -160 FT |
| 5 | MAG VAR/Annual Change | 5° E (2022) / 0.02° |
| 6 | AD Administration, address, telephone, telefax, telex, e-mail address, AFS, website address | Post: Authority of Airport JSC "Semey International Airport", 071410 Semey, v.Urdzhar. Republic of Kazakhstan Phone: +7 (7222) 443951 Phone: +7 (7222) 600039 Fax: +7 (7222) 600002 AFS: UASSAPDU Email: semeyavia@mail.ru |
| 7 | Types of traffic permitted (IFR/VFR) | IFR-VFR |
| 8 | Remarks | Nil |

UASU AD 2.3 Operational Hours

| | | |
|----|----------------------------|--|
| 1 | AD Operator | See NOTAM Phone:+7 (72230) 34331 |
| 2 | Customs and immigration | Nil |
| 3 | Health and sanitation | HO |
| 4 | AIS Briefing Office | Nil |
| 5 | ATS Reporting Office (ARO) | Nil |
| 6 | MET Briefing Office | HO Phone: +7 (72230) 20137 |
| 7 | ATS | See NOTAM |
| 8 | Fuelling | Nil |
| 9 | Handling | Nil |
| 10 | Security | ANY 02:00 - 11:00 UTC Phone: +7 (72230) 34331 |
| 11 | De-icing | Nil |
| 12 | Remarks | Nil |

UASU 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 | Not available |
| 5 | Hangar space for visiting aircraft | Nil |
| 6 | Repair facilities for visiting aircraft | Nil |
| 7 | Remarks | Nil |

UASU AD 2.5 Passenger Facilities

| | | |
|---|----------------------|---|
| 1 | Hotels | In the village Urdzhar |
| 2 | Restaurants | In the village Urdzhar |
| 3 | Transportation | Buses, taxis |
| 4 | Medical facilities | Ambulance service, hospitals in Urdzhar |
| 5 | Bank and Post Office | In the village Urdzhar |
| 6 | Tourist Office | In the village Urdzhar |
| 7 | Remarks | Nil |

UASU AD 2.6 Rescue And Fire Fighting Services

| | | |
|---|---|--|
| 1 | AD category for fire fighting | CAT A4 |
| 2 | Rescue equipment | 2 fire trucks. Total volume of fire extinguishant is 13000kg, foaming agent – 1000 kg. The total performance is 80 kg/s. |
| 3 | Capability for removal of disabled aircraft | Nil |
| 4 | Remarks | The possibility of increasing the required level of fire protection up to 5 categories on request. |

UASU AD 2.7 Seasonal Availability - Clearing

| | | |
|---|-----------------------------|--|
| 1 | Types of clearing equipment | 2 motor grader, 1 rotor, 1 tractors "MTZ", 1 truck "ZIL 130" |
| 2 | Clearance priorities | 1. RWY 2. TWY 3. Stands |
| 3 | Remarks | In winter groomed snow |

UASU AD 2.8 Aprons, Taxiways And Check Locations/Positions Data

| 1 | Apron surface and strength | STANDS | | SURFACE | STRENGTH |
|---|---|--------------|-----------|-----------|----------------|
| | | 1, 1A, 2, 2A | | CONC+ASPH | PCN 18/F/C/Y/T |
| 2 | Taxiway width, surface and strength | TWY | WIDTH (M) | SURFACE | STRENGTH |
| | | A | 16 M | CONC+ASPH | PCN 18/F/C/Y/T |
| | | B | 16 M | CONC+ASPH | PCN 18/F/C/Y/T |
| 3 | Altimeter checkpoint location and elevation | Nil | | | |
| 4 | VOR checkpoints | Nil | | | |
| 5 | INS checkpoints | Nil | | | |
| 6 | Remarks | Nil | | | |

UASU 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 threshold, touchdown zones, centre line, fixed distance markers, RWY sides, RWY designations, taxi holding positions, taxiway centre lines |
| 3 | Stop bars | Nil |
| 4 | Other runway protection measures | Nil |
| 5 | Remarks | Nil |

UASU AD 2.10 Aerodrome Obstacles

NIL

UASU AD 2.11 Meteorological Information Provided

| | | |
|----|--|--|
| 1 | Associated MET Office | Weather station Urdzhar Phone: +7 (72230) 20137 |
| 2 | Hours of service MET Office outside hour | HO |
| 3 | Office responsible for TAF preparation: Periods of validity | Meteorological service Semey, 06 HR (0006, 0309, 0612, 0915) |
| 4 | Trend forecast Interval of issuance | TREND 30 min |
| 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 | APP "Urdzhar-TWR", ATS UASK |
| 10 | Additional information | Nil |

UASU 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 |
| 07 | 71.95° | 2100 X 35 | 18/F/C/Y/T CONC+ASPH | 470520.15N 0813919.04E - --160 FT | THR 1629.0 FT | THR 07 - 0.0114 THR 25 - 0.0114 |
| 25 | 251.97° | 2100 X 35 | 18/F/C/Y/T CONC+ASPH | 470541.22N 0814053.75E - -160 FT | THR 1702.0 FT | |

| 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 | Nil | 2400 X 300 | 90 X 150 | Nil | Nil | Nil |
| Nil | 250 X 150 | 2400 X 300 | 90 X 150 | Nil | Nil | Nil |

UASU AD 2.13 Declared Distances

| RWY Designator | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|-------------------|----------|----------|----------|---------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 07 | 2100 | 2100 | 2100 | 2100 | Nil |
| 25 | 2100 | 2350 | 2100 | 2100 | Nil |

UASU AD 2.14 Approach And Runway Lighting

NIL

UASU AD 2.15 Other Lighting, Secondary Power Supply

NIL

UASU AD 2.16 Helicopter Landing Area

NIL

UASU AD 2.17 ATS Airspace

| | | |
|---|--------------------------------|--|
| 1 | Designation and lateral limits | URDZHAR CTR 471426N 0814337E - 470321N 0815415E - 464804N 0811427E - 465859N 0810353E - 471426N 0814337E |
| 2 | Vertical limits | 7000 FT ALT / GND |

| | | |
|---|-----------------------------------|--|
| 3 | Airspace classification | Nil |
| 4 | ATS unit call sign Language(s) | URDZHAR 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 |

UASU 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 | URDZHAR VYSHKA (RU) | 123 MHZ | Nil | Nil | See NOTAM | Nil |

UASU 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 | UGN | 460 KHZ | HO | 470534.2N 0813932.8E | Nil | Nil | Nil |

UASU AD 2.20 Local Aerodrome Regulations

Helipad Urdzhar-Zapadny installed 400m west from THR RWY 07 and 100m south from RWY centerline for TKOF/LDG and parking helicopters for SAR support. Dimensions: 100m x 60m.

UASU AD 2.21 Noise Abatement Procedures

NIL

UASU AD 2.22 Flight procedures.

1. Flight and ground movement procedures.

Aircraft takeoff with a tailwind is permitted in the case when tailwind speed corresponds to the value:

- for all aircraft types not greater than the value set by the Flight Operational manual of each aircraft type, but not greater than 5m/sec;
- for helicopters - not greater than the value set by the Flight Operational manual of each aircraft type.

Takeoff shall be performed from RWY beginning for all types of aircraft in both RWY directions.

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

Taxiing shall be carried out after received clearance from "Tower" ATC. Taxiing speed shall be set by the pilot-in-command according to the condition of TWY, presence of obstacles, aircraft weight, and conditions during taxi. In all cases taxiing speed should not exceed the speed set by the Flight Operational manual of this type of aircraft.

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".

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 Urdzhar aerodrome is carried out by the controller of the «Urdzhar-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 Urdzhar 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 «Urdzhar-Vyshka» ATC unit. Exit to the final leg, crossing the runway course shall be made only with the permission of the «Urdzhar-Vyshka» ATC unit.

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

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

Visual Reference Points of VFR flights within Urdzhar CTR

| № | Name | Type | Location | Geographic coordinates | Distance from ARP Urdzhar |
|---|-------|-----------------------|--|------------------------|---------------------------|
| 1 | ALPHA | entry / exit, holding | southeastern outskirts of the settlement Tasaryk | 470513N 0811947E | 13.7 NM |
| 2 | BRAVO | entry / exit, holding | southwestern outskirts of the settlement Naualy | 465925N 0814353E | 6.6 NM |

UASU 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 | There is an Equivalent Flight Safety Level due to deviations from the requirements of the Civil Aviation Aerodrome (Heliport) Operating Standards at the Urdjar aerodrome regarding the Non-Governmental Fire Protection Service, approved on November 22, 2023. | Nil |

2. Ornithological situation

The ornithological situation in the aerodrome area is conditioned by seasonal and daily bird migration. Dangers are black crow, jackdaws, doves, hawks, kites. The activity of birds is observed in the morning from 06:00 to 09:00 and in the evening from 18:00 to 21:00 (local time). In these periods pilots are recommended to switch on landing lights during a flight in the aerodrome area, during takeoff, landing approach, and when climbing and descending, taking off and landing by ATIS or from Almaty TWR.

UASU AD 2.24 Charts Related To An Aerodrome

| Name | Page |
|---|---------------------|
| Aerodrome Chart ICAO | UASU AD 2.24.1-1 |
| Aerodrome Ground Movement and Parking Chart ICAO | UASU AD 2.24.3-1 |
| Area Chart - ICAO | UASU AD 2.24.6-1 |
| Standard Departure Chart Instrument (SID) - RWY 07 ICAO | UASU AD 2.24.7-1-1 |
| Standard Departure Chart Instrument (SID) - RWY 25 ICAO | UASU AD 2.24.7-2-1 |
| Standard Arrival Chart Instrument (STAR) - RWY 07 ICAO | UASU AD 2.24.9-1-1 |
| Instrument Approach Chart - NDB RWY 07 ICAO | UASU AD 2.24.11-1-1 |
| Visual Approach chart – ICAO | UASU AD 2.24.12-1 |
| VFR Departure/Arrival Chart | UASU AD 2.24.14-1 |

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