

GEN 3 SERVICES

GEN 3.1 AERONAUTICAL INFORMATION SERVICES

1. RESPONSIBLE SERVICE

Aeronautical information management department is a subdivision of the Republican State Enterprise Kazaeronavigatsia and consists of:

- flight procedure design and cartography division;
- aeronautical data division;
- international NOTAM office (NOF).

Aeronautical Information Management Department

E522 street, building 15
010014, Astana
Republic of Kazakhstan
Phone: +7 (7172) 704268, 704282
Email: aip@ans.kz
AFS: UAAKYNYX, UAAKYOYX

Working Hours: 03.30 – 12.30 UTC except SAT, SUN and HOL

International NOTAM office (NOF)

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Working Hours: H24

The information service is provided based on the following ICAO documents:

- Annex 15 Aeronautical Information Services;
- Doc 10066 Aeronautical Information Management;
- Doc 8126 Aeronautical Information Services Manual.

2. AREA OF RESPONSIBILITY

AIM department is responsible for a collection and dissemination of information for the entire territory and airspace of the Republic of Kazakhstan and for the airspace over the high sea.

3. AERONAUTICAL PUBLICATIONS

Aeronautical information is provided in the form of aeronautical information products and associated services:

- Aeronautical Information Publication (AIP), including amendments and supplements;
- Aeronautical Information Circulars (AIC);
- Aeronautical charts;
- NOTAM including monthly checklist and “trigger” NOTAM;
- SNOWTAMs

- Pre-flight information bulletins (PIB);
- Digital data sets.

Aeronautical Information Publication (AIP) and related amendment service.

AIP is the basic aviation document and it is published in one aeronautical information publication. AIP is distributed under the regulated system (AIRAC).

AIP is published in the form of electronic AIP (e-AIP) in English and Russian languages and it is available in HTML and PDF format on Kazaeronavigatsia's website www.ans.kz

Each AIP Amendment is allocated a serial number that is consecutive and based on the calendar year, e.g. AIRAC AMDT 001/2019, AIRAC AMDT 002/2019.

Each eAIP contains:

- The complete AIP for the relevant effective date;
- The AIRAC AMDT for the relevant effective date;
- Valid AIP Supplements and Aeronautical Information Circulars.

AIP Supplement (AIP SUP)

AIP Supplements (AIP SUP) contain information of a temporary nature. Generally they deal with:

- Publications valid for 3 months or more;
- Publications containing charts or with an extensive text, even if valid for less than 3 months.

Operationally significant AIP supplements are published in accordance with the AIRAC system and they are identified as AIRAC AIP SUP.

Each AIP Supplement (regular or AIRAC) is allocated a serial number which is consecutive and based on the calendar year, i.e. AIP SUP 001/2019, AIRAC AIP SUP 002/2019.

Valid supplements are available on Kazaeronavigatsia's website www.ans.kz.

Aeronautical Information Circulars (AIC)

AIC contains information that does not qualify for the origination of a NOTAM or for inclusion in the AIP, but which relates to flight safety, air navigation, technical, administrative or legislative matters. AICs of series A are distributed in English and Russian languages for international and national aviation. AICs of series C are distributed in Russian language for national aviation.

Each AIC is allocated a serial number which is consecutive and based on the calendar year, e.g. AIC A001/2019. Valid circulars are available on Kazaeronavigatsia's website www.ans.kz.

NOTAM and Pre-flight Information Bulletins (PIB)

NOTAM contains the information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential for personnel concerned with flight operations.

Permanent changes to AIP and changes with an extensive text are published by NOTAM, if a timely publication as Amendment or Supplement to the AIP is not guaranteed.

Each NOTAM deals with only one subject and one condition of the subject.

NOTAMs Series A, C and K are issued in English and designated for international distribution.

NOTAMs Series B, D and N are issued in Russian and designated for national distribution.
NOTAMs Series A and B are published regarding information within FIR Almaty.
NOTAMs Series K and N are published regarding information within FIR Astana.
NOTAMs Series C and D are published regarding information within two FIRs:

- Shymkent;
- Aktobe.

If the scope of NOTAM activities regards more than one FIR, NOTAM is issued in series N and K. Trigger NOTAM is published only in series K and N as well.

NOF issues NOTAMs:

- Series A, C and K using NOTAM service of European AIS Database (INO EAD);
- Series B, D and N using NOTAM service of automated system (AS NOTAM).

NOTAMs are distributed by aeronautical fixed telecommunication network (AFTN) and Internet. Upon prior request, AFTN address may be included in the distribution list to receive all issued NOTAM. Briefing units provide a selective distribution of NOTAMs by providing Pre-flight Information Bulletins (PIB).

Pre flight information bulletins (PIB) contain a summary of current NOTAM and other information of an urgent nature and of significance to the operator/flight crews. They are available at the Briefing units in English and Russian languages.

Checklist of valid NOTAM

Checklist of valid NOTAM for each series are issued monthly via AFTN. They contain the list of valid NOTAM and refer to the latest AIP Amendments, AIP Supplements, data sets and the internationally distributed AIC.

SNOWTAM

SNOWTAM is a special series NOTAM given in a standard format providing a surface condition report notifying the presence or cessation of hazardous conditions due to snow, ice, slush, frost, standing water or water associated with snow, slush, ice or frost on the movement area.

Distribution of aeronautical publications

The following aeronautical information is provided free of charge via Internet: AIP (including aeronautical charts), AIP AMDT, AIP SUP, AIC, data sets, electronic version of Aeronautical Chart - ICAO 1:500 000.

The following aeronautical information is provided free of charge via AFTN: NOTAMs, SNOWTAMs, checklists of valid NOTAM and "trigger" NOTAM.

AIP of Kazakhstan is available on the website – www.ans.kz in downloadable form, and via EAD web service.

Access to eAIP on the website is free of charge and no user login or subscription is required.

4. AIRAC SYSTEM

AIP amendment and, if possible, AIP supplement are provided according to the AIRAC system.

Aeronautical information regulation and control (AIRAC) system is based upon a series of common effective dates at intervals of 28 days and information provided does not change within this period.

Provided under the AIRAC system information is published at least 42 days in advance of the effective date (major changes - 56 days).

"Trigger" NOTAM is distributed not later than one cycle before the AIRAC effective date concerned and contains a brief description of the contents, the effective date and the reference number of the amendment or

supplement. It comes into force at the same time with the amendment or supplement and remains valid for fourteen days. NIL notification is indicated in “trigger” NOTAM when information has not been submitted to the AIRAC date.

A NIL notification to announce that an AIP amendment will not be published at the established interval or publication date is distributed by NOTAM checklist at least 28 days before the AIRAC effective date.

The table below indicates AIRAC effective dates for coming years.

2025	2026	2027	2028
23 JAN 25	22 JAN 26	21 JAN 27	20 JAN 28
20 FEB 25	19 FEB 26	18 FEB 27	17 FEB 28
20 MAR 25	19 MAR 26	18 MAR 27	16 MAR 28
17 APR 25	16 APR 26	15 APR 27	13 APR 28
15 MAY 25	14 MAY 26	13 MAY 27	11 MAY 28
12 JUN 25	11 JUN 26	10 JUN 27	08 JUN 28
10 JUL 25	09 JUL 26	08 JUL 27	06 JUL 28
07 AUG 25	06 AUG 26	05 AUG 27	03 AUG 28
04 SEP 25	03 SEP 26	02 SEP 27	31 AUG 28
02 OCT 25	01 OCT 26	30 SEP 27	28 SEP 28
30 OCT 25	29 OCT 26	28 OCT 27	26 OCT 28
27 NOV 25	26 NOV 26	25 NOV 27	23 NOV 28
25 DEC 25	24 DEC 26	23 DEC 27	21 DEC 28

5. PRE-FLIGHT INFORMATION SERVICE AT AERODROMES/HELIPORTS

Aeronautical information service for pre-flight planning purposes includes pre-flight Information bulletins (PIB) provision in Russian and English languages and access to AIPs published in the EAD system (PAMS).

These aeronautical information products are provided at the Briefing units of aerodromes specified in AD 1.3, excepting Usharal, Zaisan and Urdzhar aerodromes. Access to AIPs of other countries is not provided at the aerodromes - Taldykorgan, Urdzhar, Zaisan - due to absence of EAD software.

Pre-flight information is provided for all main directions inside and outside the State.

6. DIGITAL DATA SETS

1. Electronic obstacle data sets are not available.
2. Electronic terrain data sets are not available.
- 3.

Data Set Title	Description	Data subjects included	Geographical scope	Usage limitations
Digital AIP Dataset	AIP data set as specified in ICAO Doc 10066, Procedures for Air Navigation Services - Aeronautical Information Management (PANS-AIM), along with the AIP and the following subsections of the AIP prefixed with "[AIP-DS]" are provided in a form of AIP data set and the reference is provided to the available AIP data set	<ul style="list-style-type: none">• ATS airspace;• Prohibited, restricted and danger areas;• Route;• Route segment;• Waypoint – en-route;• Aerodrome/heliport;• Runway;• Runway direction;• Radio navigation aid.	The state territory of the Republic of Kazakhstan.	The data is intended for aeronautical purposes.

4.AIP data sets are available upon request by email in AIXM 5.1 format.

To obtain the access to the digital data sets, it is necessary to send a request to aip@ans.kz

AIP data sets are updated in accordance with the AIRAC cycles. Users are required to verify the availability of updates and ensure timely downloads.

For technical support and further information, please contact the responsible unit:

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5.Access to digital data sets

Instrument flight procedure data sets are available upon request by email in AIXM 5.1 format.

To obtain the access to the digital data sets, it is necessary to send a request to aip@ans.kz.

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