
GEN 3 SERVICE
GEN 3.1 AERONAUTICAL INFORMATION SERVICE.

1. Responsible service

1.1 Department of Air Transport is the responsible authority for provision of Aeronautical Information Services to ensure the flow of information necessary for the safety, regularity and efficiency of international and national air navigation within the area of its responsibility. It consists of AIS office established at Paro aerodrome.

1.2 **AIS Officer**
Aeronautical Information Services
Department of Air Transport,
Paro Airport,
Paro : Bhutan,
Tel: 975-8-272760
Fax: 975-8-272307
AFTN: **VQPRYAYX**
Email: bhutanais.doat@gmail.com

1.3 **International NOTAM office (NOF)**
AIS section
Department of Air Transport,
Paro Airport,
Paro : Bhutan,
Tel: 975-8-272760
Fax: 975-8-272307
AFTN: **VQPRYNYX**
Email: bhutanais.doat@gmail.com

The service is available during operational hours only.

2. Area of responsibility

The Aeronautical Information Service is responsible for the collection and dissemination of information for the entire territory of Bhutan and for the airspace over Bhutan.

3. Aeronautical publications

The Aeronautical Information is provided in the form of Integrated Aeronautical Information Package consisting of the following elements:

- a) Aeronautical Information Publication (AIP);
- b) Amendment service to the AIP (AIP AIRAC AMDT);
- c) NOTAM and Pre-flight Information Bulletins (PIB);

NOTAM and the related monthly checklist are issued via the Aeronautical Fixed Service (AFS), while PIB are made available at aerodrome AIS unit. All other elements of the package are distributed by air mail.

3.2 **Aeronautical Information Publication (AIP)**

3.2.1 The AIP is the basic aviation document intended primarily to satisfy international requirements for the exchange of permanent aeronautical information and long duration temporary changes essential for air navigation.

3.2.2 AIP Bhutan is published in ONE volume in English only.

3.3 **Amendment service to the AIP (AIP AIRAC AMDT)**

3.3.1 Amendments to the AIP are made by replacement of a CD. One type of AIP AIRAC AMDT is produced. Regular amendments to the AIP will be issued once a year. The publication date will be on the Last AIRAC cycle of each year.

- 3.3.2 A brief description of the subject affected by the amendment is given on the AIP Amendments cover sheet. New information included on the reprinted AIP pages is annotated or identified by a vertical line in the left margin (or immediately to the left) of the change/addition.
- 3.3.3 Each AIP page and each AIP replacement pages introduced by an amendment are dated. The date consists of the day, month (by name) and year of the publication date. AIP amendment cover sheet includes reference to the serial number of those elements, if any, of the integrated Aeronautical Information Package which have been incorporated in the AIP by the amendment and are consequently cancelled.
- 3.3.4 Each AIP AIRAC AMDT are allocated separate serial number which are consecutive and based on the calendar year. The year, indicated by two digits, is a part of the serial number of the amendment, e.g. AIP AIRAC AMDT 01/18.
- 3.3.5 A checklist of AIP pages containing page number/chart title and the publication or effective date (day, month by name and year) of the information is reissued with each amendment and is an integral part of AIP.

3.4 ***Supplement to the AIP (AIP SUP)***

- 3.4.1 Temporary changes of long duration (three months and longer) and information of short duration which consist of extensive text and or/graphics, supplementing the permanent information contained in the AIP, are published as AIP Supplements (AIP SUP). Operationally significant temporary changes to the AIP, are published in accordance with AIRAC system and its established effective dates and identified clearly by the acronym AIRAC AIP SUP.
- 3.4.2 AIP Supplements are separated by information subject (General - GEN., En-route - ENR and Aerodromes - AD) and are placed accordingly in the beginning of each AIP part. Each AIP supplement (regular or AIRAC) is allocated a serial number which is consecutive and based on the calendar year, i.e. AIP SUP 01/10AIRAC SUP 01/18
- 3.4.3 An AIP Supplements is kept in the AIP as long as all or some of its contents remain valid. The period of validity of the information contained in the AIP Supplement will normally be given in the supplement itself. Alternatively, NOTAM may be used to indicate changes to the period of validity or cancellation of the supplement.
- 3.4.4 The check list of AIP Supplement currently in force is issued in the monthly printed plain-language summary of NOTAM in force.

3.5 ***NOTAM and Pre-flight Information Bulletins (PIB)***

- 3.5.1 NOTAM contains information concerning the establishment, condition or changes in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential for personnel concerned with flight operations. The text of each NOTAM contains the information in the order shown in the ICAO NOTAM Format and is composed of the significant/uniform abbreviated phraseology assigned to the ICAO NOTAM Code complemented by ICAO abbreviations, indicators, identifier, designators, callsigns, frequencies, figures and plain language. NOTAM is originated and issued for Bhutan airspace and are distributed in one series identified by the letter A.
- 3.5.2 Each NOTAM is assigned a four digit serial number preceded by an appropriate letter indicating the series and followed by stroke and two digits indicating the year of issuance. The serial number starts with 0001 at 0000 UTC on 1st January every year. A checklist of NOTAM currently in force is issued every month over the AFS. Additionally, a printed plain language summary of NOTAM in force is sent by airmail to those who had originally received the NOTAM over the AFS, as well as to other on request.
- 3.5.3 Pre-flight Information Bulletins (PIB), which contains a recapitulation of current NOTAM and other information of urgent character for the operator/flight crews, are available at the aerodrome AIS unit.

3.6 ***Aeronautical Information Circular (AIC)***

The Aeronautical Information Circulars (AIC) contain information on the long-term forecast of any major change in legislation, regulations, procedures or facilities; information of a purely explanatory or advisory nature liable to affect flight safety; and information or notification of an explanatory or advisory nature concerning technical, legislative or purely administrative matters.

Each AIC is numbered consecutively within each series on a calendar year basis. The year, indicated by two digits, is a part of the serial number of the AIC, e.g. AIC 01/18. A checklist of AIC currently in force is issued as an AIC once a year.

3.7 Checklist and summary of NOTAM

A checklist of valid NOTAM is issued monthly via AFS.

3.8 Sale of publications

3.8.1 The AIP Bhutan is available on Hard and soft copy (CD) from the AIS section, Department of Air Transport, Paro Airport.

3.8.2 The said publications and amendments thereto, are supplied to ICAO authorities free of charge and to the NOTAM offices of foreign state in exchange for corresponding publications and to any other organisation or person it is available on advance payment of the following prices.

Publication	COUNTRIES	Price in	
		Nu.	US\$
AIP (hard copy) – full Bhutan AIP on paper in ring-binder, including latest AIP AMDT and NOTAM Summary	Within Bhutan	Nu.850	-
	SAARC countries	-	US\$ 35
	Asia Region	-	US\$ 40
	Other Countries	-	US\$ 45
Annual Subscription for AIP (hard copy) – full AIP Amendment to Bhutan AIP and NOTAM Summary	Within Bhutan	Nu. 550	
	SAARC countries	-	US\$ 25
	Asia Region	-	US\$ 30
	Other Countries	-	US\$ 35
eAIP (CD-ROM) – Initial purchase including updated version of Bhutan AIP in HTML and PDF with Latest AIP AMDT	Within Bhutan	Nu. 650	
	SAARC countries	-	US\$ 30
	Asia Region	-	US\$ 35
	Other Countries	-	US\$ 40
Annual Subscription for eAIP (CD-ROM) – AIP amendment to eAIP Bhutan & NOTAM summary	Within Bhutan	Nu. 500	
	SAARC countries	-	US\$ 20
	Asia Region	-	US\$ 25
	Other Countries	-	US\$ 30

The above prices include postage charges. All Publications are distributed in accordance with Annex 15 by airmail.

4. AIRAC System

4.1 In order to control and regulate the operationally significant changes requiring amendments to chart, route manual etc., such changes, whenever possible, will be published as an AIRAC SYSTEM. This type of information will be published as an AIP AIRAC AMDT. If an AIP AIRAC AMDT cannot be produced due to lack of time, NOTAM clearly marked AIRAC will be issued. Such NOTAM will immediately be followed by an AMDT.

4.2 The table below indicates AIRAC effective dates for the coming years. AIRAC information will be issued so that the information will be received by the user not later than 28 days, and for major changes not later than 56 days, before the effective date.
If no information was submitted for publication at the AIRAC date, a NIL notification will be issued by NOTAM not later than one AIRAC cycle before AIRAC effective date concerned.

4.3 Schedule of AIRAC effective dates

<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>2021</i>	<i>2022</i>
04 January	03 January	02 January	28 January	27 January
01 February	31 January	30 January	25 February	24 February
01 March	28 February	27 February	25 March	24 March
29 March	28 March	26 March	22 April	21 April
26 April	25 April	23 April	20 May	19 May
24 May	23 May	21 May	17 June	16 June
21 June	20 June	18 June	15 July	14 July
19 July	18 July	16 July	12 August	11 August
16 August	15 August	13 August	09 September	08 September
13 September	12 September	10 September	07 October	06 October
11 October	10 October	08 October	04 November	03 November
08 November	07 November	05 November	02 December	01 December
06 December	05 December	03 December	30 December	29 December
		31 December		

<i>2023</i>	<i>2024</i>	<i>2025</i>	<i>2026</i>	<i>2027</i>
26 January	25 January	23 January	22 January	21 January
23 February	22 February	20 February	19 February	18 February
23 March	21 March	20 March	19 March	18 March
20 April	18 April	17 April	16 April	15 April
18 May	16 May	15 May	14 May	13 May
15 June	13 June	12 June	11 June	10 June
13 July	11 July	10 July	09 July	08 July
10 August	08 August	07 August	06 August	05 August
07 September	05 September	04 September	03 September	02 September
05 October	03 October	02 October	01 October	30 September
02 November	31 October	30 October	29 October	28 October
30 November	28 November	27 November	26 November	25 November
28 December	26 December	25 December	24 December	23 December

5. Pre-flight information service at aerodrome

TO BE DEVELOPED

6. Electronic terrain and obstacle data

TO BE DEVELOPED