

GEN 3.2 AERONAUTICAL CHARTS

1. Responsible Services

1.1. CAAN provides a wide range of aeronautical charts to be used in civil aviation. The Aeronautical Information Management Department produces the charts which are part of the AIP; all other aeronautical charts are produced by the Department of Survey. Charts, suitable for pre-flight planning and briefing, are available in the address mention under paragraph 3 below. The charts are produced in accordance with the provisions contained in ICAO Annex 4 -Aeronautical Charts. Differences to these provisions are detailed in subsection GEN 1.7.

2. Maintenance of Charts

2.1. The aeronautical charts included in the AIP are kept up to date by amendments to the AIP. Information concerning the planning for or issuance of new maps and charts is notified by Aeronautical Information Circular.

2.2. If incorrect information detected on published charts is of operational significance, it is corrected by NOTAM.

3. Purchase Arrangements

3.1. *The charts as listed under paragraph 4, of this subsection may be obtained from the:*

Aeronautical Information Management Department
Civil Aviation Authority of Nepal
Babar Mahal, Kathmandu
Tel: 977-1- 4257667
977-1- 4262518, 4262416 (Ext. 225, 224)
Fax: 977-1-4262516
AFS: VNKTYOYX
Email:- caanais@caanepal.gov.np

4. Aeronautical Chart Series Available

4.1. *The following series of aeronautical charts are produced:*

- a) Aerodrome Chart - ICAO
- b) Aerodrome Obstacle Chart - ICAO Type A / Type B
- c) En route Chart
- d) Terminal Area Chart - ICAO
- e) Standard Departure Chart - Instrument (SID) - ICAO
- f) Standard Arrival Chart – Instrument (STAR) - ICAO
- g) Instrument Approach Chart – ICAO
- h) Aeronautical Chart of Nepal 1:500,000

4.2. *General Description of each Series*

a) Aerodrome Chart - ICAO (TIA, Kathmandu)

This chart contains detailed aerodrome data to provide flight crews with information that will facilitate the ground movement of aircraft:

- from the aircraft stand to the runway; and
- from the runway to the aircraft stand

It also provides essential operational information.

b) Aerodrome obstacle Chart-ICAO type A (Operating Limitations) TIA Kathmandu

This contains detailed information on obstructions in the take-off flight path. It is shown in plan and profile view. This obstruction information provides the data necessary to enable operator to comply with the operating limitations of ICAO Annex 6, Part I and II, Chapter 5.

c) En-route Chart

This chart is produced for the entire Kathmandu FIR. The aeronautical data include all aerodromes, prohibited, restricted and danger areas and the air traffic services system. This chart provides the flight crew with information to facilitate navigation along ATS routes.

d) Terminal Area Chart - ICAO

This chart is produced when the air traffic services routes or position reporting requirements are complex and cannot be shown on en-route chart - ICAO. It shows, in more detail those aerodromes that affect terminal routings prohibited, restricted and danger areas and the air traffic services system. This chart provides the flight crew with information to facilitate the various phases of instrument flight:

- the transition between the en-route phase and the approach to an aerodrome;
- the transition between the take-off / missed approach and the en-route phase of flights; and
- flights through areas of complex ATS routes or airspace structure.

e) Standard Departure Chart-Instrument- (SID) - ICAO

This chart is produced whenever a standard departure route-instrument has been established and cannot be shown with sufficient clarity on the Area Chart - ICAO

The aeronautical data shown include the aerodrome of departure, aerodrome(s) which affect the designated standard departure route-instrument, restricted, prohibited and danger areas and the air traffic services system. This chart provides the flight crew with information that will enable them to comply with the designated standard departure route instrument from the take off phase to the en-route phases.

f) Standard Arrival Chart - Instrument (STAR) - ICAO

This chart is produced whenever a standard arrival route-instrument has been established and cannot be shown with sufficient clarity on the Area Chart - ICAO.

The aeronautical data shown include the aerodrome of landing aerodrome(s) which affect the designated standard arrival route - instrument, prohibited, restricted and danger areas and the air traffic services system. This chart provides the flight crew with information that will enable them to comply with the designated arrival route - instrument from the en-route phase to the approach phase.

g) Instrument Approach Chart - ICAO

This chart is produced for all aerodromes used by civil aviation where instrument approach procedures have been established. A separate Instrument Approach Chart - ICAO has been provided for each approach procedure.

The aeronautical data shown include information on aerodromes, prohibited, restricted and danger areas, radio communication facilities and navigation aids, minimum sector altitude, procedure track portrayed in plan and profile view, aerodrome operating minimum, etc.

This chart provides the flight crew with information that will enable them to perform an approved instrument approach procedure to the runway of intended landing including the missed approach procedure and where applicable, associated holding patterns.

5. Topographical Charts

To supplement the aeronautical charts a wide range of topographical charts are available from:

Topographical Survey Branch
Department of Survey
Government of Nepal
Kathmandu