GEN 3.2 AERONAUTICAL CHARTS

1. RESPONSIBLE SERVICE

Aeronautical Information Service of Bosnia and Herzegovina (AIS BIH) produces aeronautical charts for the territory of Bosnia and Herzegovina which are part of the AIP.

Aeronautical charts are produced in accordance with the provision contained in the ICAO Annex 4 – Aeronautical Charts, and conform with the provisions set forth in ICAO Aeronautical Charts Manual (Doc 8697).

2. MAINTENANCE OF CHARTS

The aeronautical charts included in the AIP are kept up to date by amendments to the AIP. If incorrect information detected on published charts is of operational significance, it is corrected by NOTAM or AIP SUP.

3. PURCHASE ARRANGEMENTS

The charts may be purchased from the service given in paragraph (contact details are given in GEN 3.1, item 1.1).

4. AERONAUTICAL CHARTS SERIES AVAILABLE

The following series of aeronautical charts are produced:

- En-route Chart – ICAO;
- Free Route Chat - ICAO;
- Aerodrome Chart – ICAO;
- Instrument Approach Chart – ICAO;
- Standard Arrival Chart - Instrument (STAR) – ICAO;
- Standard Departure Chart - Instrument (SID) – ICAO;
- Aerodrome Obstacle Chart - ICAO - Type A (operating limitations);
- Visual Approach Chart – ICAO;
- ATC Surveillance Minimum Altitude Chart – ICAO;
- Aircraft Parking/Docking Chart – ICAO;
- VFR Chart with recommended VFR routes Bosnia and Herzegovina 1: 500 000.
- Navigation warnings - other activities of a dangerous nature - Hail suppression chart

General description of each series:

a. **En-route Chart – ICAO**

The chart covers the entire territory of Bosnia and Herzegovina and shows:

- the ATS routes including bearings, distances, radio navigation aids together with the assigned frequencies and identifications;
- the airspace structure including lower and upper limit;
- restricted, prohibited and danger areas.
- temporary segregated/reserved areas

b. **Free Route Airspace Chart**

The chart describes the airspace portion where cross/border application of Free Route Airspace Concept - SESCI FRA is implemented. The chart shows the *FRA boundary.

c. **Aerodrome Chart – ICAO**

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;
- from the runway to the aircraft stand.

d. **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 minima, 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.

e. **Standard Arrival Chart - Instrument (STAR) – ICAO**

This chart provides flight crew with information to enable them to comply with designed standard instrument arrival route from en-route phase to the approach phase of flight. Each chart includes the relevant aeronautical information such as radio navigation facilities, significant points, bearings, distances and IFR minimum flight altitudes.

f. **Standard Departure Chart - Instrument (SID) – ICAO**

This chart provides flight crew with information to enable them to comply with designed standard instrument departure route from the take-off to the en-route phase of flight. Each chart includes the relevant aeronautical information such as radio navigation facilities, significant points, bearings, distances and IFR minimum flight altitudes.

g. **Aerodrome Obstacle Chart - ICAO - Type A (operating limitations)**

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

h. **Visual Approach Chart – ICAO**

This chart is produced for aerodromes used by civil aviation where:

- only limited navigation facilities are available; or
- radio communication facilities are not available; or
- no adequate aeronautical charts of the aerodrome and its surroundings at 1:500 000 or greater scale are available; or
- visual flight operation procedures have been established.

i. **ATC Surveillance Minimum Altitude Chart – ICAO**

This supplementary chart provides information that will enable flight crews to monitor and cross-check altitudes assigned by a controller using an ATS surveillance system.

j. **Aircraft Parking/Docking Chart - ICAO**

This chart is produced for those aerodromes where, due to the complexity of the terminal facilities, the information to facilitate the ground movement of aircraft between the taxiways and the aircraft stands and the parking/docking of aircraft cannot be shown with sufficient clarity on the Aerodrome Chart.

k. **VFR Chart with recommended VFR routes Bosnia and Herzegovina 1 : 500 000**

This chart is designed to serve as a basic aeronautical chart for aircraft flying in accordance with visual fight rules and for preflight planning of operation. The aeronautical data includes the structure of airspace, recommended VFR routes, aerodromes, airfields, radio navigation facilities with names, frequencies and identification, prohibited, restricted and danger areas and known obstructions. The “VFR Chart with recommended VFR routes Bosnia and Herzegovina 1 : 500 000” is not part of the Bosnia and Herzegovina AIP and will be amended by a new edition only.

l. **Navigation warnings - other activities of a dangerous nature - Hail suppression chart 1:500.000**

This chart shows quadrants which are under the responsibility of rocket launching locations which perform hail suppression activities in Bosnia and Herzegovina. The chart also shows location and symbol of aerodromes, TMA with lateral, vertical limits and frequencies and state border.

5. LIST OF AERONAUTICAL CHARTS AVAILABLE

NIL

6. INDEX TO THE WORLD AERONAUTICAL CHART (WAC) – ICAO 1 : 1 000 000

NIL

7. TOPOGRAPHICAL CHARTS

NIL

8. CORRECTIONS TO CHARTS NOT CONTAINED IN THE AIP

NIL

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