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**GEN 3.2      AERONAUTICAL CHARTS**

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**1.      RESPONSIBLE SERVICE(S)**

1.1. The aeronautical charts for the territory of Hungary are published by HungaroControl, Hungarian Air Navigation Services Private Limited Company. The charts are provided by the Publications and Static Data Provision Unit of the AIS.

1.2. Publication and Static Data Provision Unit:

Post: H-1185 Budapest, Iglo utca 33-35. Hungary

Phone: (+361) 293-4459

Phone: (+361) 293-4458

Phone: (+361) 293-4144

Fax: NIL

Email: [pubsdo@hungarocontrol.hu](mailto:pubsdo@hungarocontrol.hu)

AFS: NIL

URL: <http://ais-en.hungarocontrol.hu>

1.3. The aeronautical charts published in the Hungarian AIP are produced in accordance with the provisions contained in ICAO Annex 4 - Aeronautical Charts with the provisions set forth in ICAO Aeronautical Charts Manual (Doc 8697), with the differences listed in subsection [GEN 1.7](#).

1.4. Hours of Service: normal business hours.

**2.      MAINTENANCE OF CHARTS**

2.1. The aeronautical charts included in the AIP are regularly kept up-to-date or are replaced by the amendments to the AIP. Significant amendments or revisions in aeronautical information to aeronautical chart 1:500 000 are also included in the AIP and may be promulgated by NOTAM, if appropriate. Information concerning new maps and charts will be notified by AIC.

2.2. Items of information found to be incorrect after publication, are immediately corrected by NOTAM if they are of operational significance, attention is drawn to the particular chart affected.

2.3. Revision of the aeronautical information on all charts is a continuous process and amended reprints are published as regularly as production resources permit. Topographical and hydro graphical information portrayed are also revised when necessary.

**3.      PURCHASE ARRANGEMENTS**

3.1. The charts as listed under may be obtained from:

HungaroControl AIS

Post: H-1185 Budapest, Iglo utca 33-35. Hungary

Phone: (+361) 293-4354

Phone: (+361) 293-4471

Fax: NIL

Email: [ais@hungarocontrol.hu](mailto:ais@hungarocontrol.hu)

AFS: NIL

URL: <http://ais-en.hungarocontrol.hu>

**4.      AERONAUTICAL CHART SERIES AVAILABLE**

4.1. The following types of charts are published and available at present:

1.      Aeronautical Chart - ICAO 1:500 000

2. En route Chart - ICAO
3. Compulsory and Plannable Links - Index Chart
4. Free Route Airspace (FRA) - Index Chart
5. ATC Sectors - Index Chart
6. Prohibited, Restricted and Danger Areas Chart - Index Chart
7. Temporary Reserved Airspaces - Index Chart
8. Aerodrome Chart - ICAO
9. Aircraft Parking/Docking Charts - ICAO
10. Aerodrome Obstacle Chart - ICAO Type A (Operating Limitations)
11. Precision Approach Terrain Chart - ICAO
12. Standard Departure Chart - Instrument (SID) - ICAO
13. Standard Arrival Chart - Instrument (STAR) - ICAO
14. Budapest TMA - Index Chart
15. Holding Procedures - Index Chart
16. ATC Surveillance Minimum Altitude Chart - ICAO
17. Instrument Approach Chart - ICAO
18. Visual Approach Chart - ICAO
19. FIS Sectors - Index Chart
20. Taxi Procedures for Arriving / Departing Aircraft - Index Chart
21. Areas With Sensitive Fauna - Index Chart
22. Aerial Sporting and Recreational Activities - Index Chart
23. Bird concentrations in the vicinity of the aerodrome - Index Chart

A general description and explanation of the intended use of aeronautical charts listed above are given in para 4.2.

The following charts are not produced:

- Aerodrome Ground Movement Chart – ICAO
- Aerodrome Terrain and Obstacle Chart – ICAO (Electronic)
- Area Chart – ICAO (departure and transit routes)
- Area Chart – ICAO (arrival and transit routes)

## **4.2 General description of each series**

### **4.2.1 Aeronautical Chart - ICAO 1:500 000**

This coloured chart is produced in Lambert conformal conic projection and consists of one sheet.

The chart covers the area of 4540N to 4840N and from 1600E to 2300E. The topographic basis of the chart comprises built-up areas, railroads, roads, hydrography, topography, significant landmarks and political boundaries.

The aeronautical overprint includes the structure of airspaces, aerodromes, radio navigation facilities with names, frequencies and identification, known obstacles, area minimum altitudes and isogon information. This chart is designed to serve as a basic aeronautical chart for low speed visual air navigation and for preflight planning of operations.

#### **4.2.2 En route Chart - ICAO**

The function of these charts is to facilitate the task of flight crews in navigating by radio aids and significant points, during flights within the Budapest FIR. The charts contain all the information relevant to the structure of controlled and uncontrolled airspaces, and the radio navigation facilities, type of service, identification,

frequencies, and position coordinates.

#### 4.2.3 Compulsory and plannable links - Index Chart

This chart portrays the information stated in section [ENR 1.3 para 4.4.4](#) Flight planning procedures for departing and arriving flights, depicting the available flight planning possibilities within the Hungarian FIR.

#### 4.2.4 Free Route Airspace (FRA) - Index Chart

This chart is designed to visualize the horizontal and vertical boundaries of FIRs involved in the cross-border Free Route Airspace Hungary is participating.

#### 4.2.5 ATC Sectors - Index Chart

The chart portrays the sectors used within LHCC FIR compared to the political border with vertical and horizontal limits visualizing all the delegated airspace parts and the respective responsible ATC units.

#### 4.2.6 Prohibited, Restricted and Danger Areas Chart - Index Chart

The chart relevant to the ATS airspaces shown on the en route chart are depicted with their identification and vertical limit on a separate sheet to avoid congestion on these charts.

#### 4.2.7 Temporary Reserved Airspaces - Index Chart

The primary function of this type of chart is to provide information on military exercises areas (TRAs) with their identification and vertical limit.

#### 4.2.8 Aerodrome Chart - ICAO

These charts provide information on the movement area of public aerodromes (runways, taxiways, aprons and aircraft stands) and portrays the site of major flight operation facilities.

#### 4.2.9 Aircraft Parking/Docking Chart - ICAO

These charts give more detailed information on the parking areas and procedures. It provides a more detailed of parts of the aerodrome chart above.

#### 4.2.10 Aerodrome Obstacle Chart - ICAO Type A (Operating Limitations)

These charts show the obstacles in the final approach/take-off flight path areas. It is shown in plan and profile view.

#### 4.2.11 Precision Approach Terrain Chart - ICAO

These charts provide detailed terrain profile information of the final approach areas so as to enable aircraft operators to assess the effect of the terrain on decision height determination by the use of radio altimeters.

#### 4.2.12 Standard Departure Chart - Instrument (SID) - ICAO

These charts provide flight crew with information to enable them to comply with the designed standard departure route from the take-off to the en route phase of flight. Each chart includes relevant aeronautical information as well as the textual description of the designated SID routes.

#### 4.2.13 Standard Arrival Chart - Instrument (STAR) - ICAO

These charts provide flight crew with information to enable them to comply with the designed standard arrival route from the en-route phase of flight to the landing. Each chart includes relevant aeronautical information as well as the textual description of the designated standard arrival routes.

#### 4.2.14 Budapest TMA - Index Chart

The chart is designed to display all the additional sporting airspaces and overlapping military MTMAs within the Budapest TMA with horizontal and vertical limits and the other possible restricted and danger areas within the region.

#### 4.2.15 Holding procedures - Index Chart

This chart is to provide visual guidance of all the holding procedures within the Budapest TMA.

#### 4.2.16 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.

#### **4.2.17 Instrument Approach Chart - ICAO**

These charts are produced for each IAP available at aerodromes.

#### **4.2.18 Visual Approach Chart - ICAO**

The primary function of these charts is to provide information on the visual approach procedures available at aerodromes published in Part AD 2. The holding patterns and minimum holding altitudes associated with the approach procedures are shown.

#### **4.2.19 FIS Sectors - Index Chart**

The primary function of this chart is to show visually the sectors and related frequencies used by the FIS within the LHCC FIR.

#### **4.2.20 Taxi Procedures for Arriving / Departing Aircraft - Index Chart**

The primary function of this chart is to show visually the expected movement within the aerodrome from a parking position to a runway or vice versa.

#### **4.2.21 Areas With Sensitive Fauna - Index Chart**

The primary function of this chart is to show the sensitive faunas and bird migration areas in the LHCC FIR.

#### **4.2.22 Aerial Sporting and Recreational Activities - Index Chart**

The chart portrays the regions of LHCC FIR where sporting and recreational flying is announced.

#### **4.2.23 Bird concentrations in the vicinity of the aerodrome - Index Chart**

The chart illustrates the seasonal migration patterns of bird flocks near the specified airport, highlighting peak migration periods in spring and fall along major flyways.

**5. LIST OF AERONAUTICAL CHARTS AVAILABLE**

All series listed are part of the AIP

Title of series	Scale	Name and/or number	Date of latest revision
Aeronautical Chart - ICAO	1:500 000	<b>Hungary</b> 2252-B 2251-A	21 MAR 2024
Enroute Chart - ICAO	1:1 000 000	<b>Hungary</b> ENR 6-LHCC-ERC	15 MAY 2025
Compulsory and Plannable Links - Index Chart (See ENR 1.3)	Nil	<b>Hungary</b> ENR 6-LHCC-LINKS	23 MAR 2023
Free Route Airspace (FRA) – Index Chart	1:6 250 000	<b>Hungary</b> ENR 6-LHCC-FRA	28 NOV 2024
ATC Sectors - Index Chart	1:2 200 000	<b>Hungary</b> ENR 6-LHCC-SECTOR	15 MAY 2025
FIS Sectors - Index Chart	1:2 200 000	<b>Hungary</b> ENR 6-LHCC-FIS	06 OCT 2022
Prohibited, Restricted and Danger Areas - Index Chart	1:1 500 000	<b>Hungary</b> ENR 6-LHCC-PRD	20 FEB 2025
Temporary Reserved Airspaces - Index Chart	1:1 500 000	<b>Hungary</b> ENR 6-LHCC-TRA	20 FEB 2025
Aerial Sporting and Recreational Activities - Index Chart	1:1 500 000	<b>Hungary</b> ENR 6-LHCC-SPORT	20 FEB 2025
Areas With Sensitive Fauna - Index Chart	1:1 500 000	<b>Hungary</b> ENR 6-LHCC-FAUNA	20 FEB 2025
Aerodrome Chart - ICAO	1:10 000	<b>Békéscsaba</b> AD 2-LHBC-ADC	11 JUL 2024
	1:10 000	<b>Budapest/Liszt Ferenc International Airport</b> AD 2-LHBP-ADC	04 SEP 2025
Taxi Procedures for Arriving Aircraft - Index Chart	1:25 000	AD 2-LHBP-TAXI-ARR	10 JUL 2025
Taxi Procedures for Departing Aircraft - Index Chart	1:25 000	AD 2-LHBP-TAXI-DEP	17 APR 2025
	1:10 000	<b>Debrecen</b> AD 2-LHDC-ADC	28 NOV 2024
	1:7 500	<b>Nyíregyháza</b> AD 2-LHNY-ADC	10 JUL 2025
	1:10 000	<b>Pécs/Pogány</b> AD 2-LHPP-ADC	20 FEB 2025
	1:10 000	<b>Győr/Pér</b> AD 2-LHPR-ADC	17 APR 2025
	1:10 000	<b>Hévíz/Balaton</b> AD 2-LHSM-ADC	20 FEB 2025
	1:10 000	<b>Szeged</b> AD 2-LHUD-ADC	17 APR 2025

Title of series	Scale	Name and/or number	Date of latest revision
Aircraft Parking/Docking Chart - ICAO		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:5 000	AD 2-LHBP-PDC/1	10 JUL 2025
	1:5 000	AD 2-LHBP-PDC/2	10 JUL 2025
	1:5 000	AD 2-LHBP-PDC/3	04 SEP 2025
	1:5 000	AD 2-LHBP-PDC/4	10 JUL 2025
Aerodrome Obstacle Chart - ICAO - Type A (Operating Limitations)		<b>Békéscsaba</b>	
	1:15 000	AD 2-LHBC-AOCA-17L35R	11 JUL 2024
		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:20 000	AD 2-LHBP-AOCA-13L31R	28 JAN 2021
	1:20 000	AD 2-LHBP-AOCA-13R31L	28 JAN 2021
		<b>Debrecen</b>	
	1:20 000	AD 2-LHDC-AOCA-04R22L	25 JAN 2024
		<b>Nyíregyháza</b>	
	1:15 000	AD 2-LHNY-AOCA-18R36L	10 JUL 2025
		<b>Pécs/Pogány</b>	
	1:15 000	AD 2-LHPP-AOCA-1533	28 NOV 2024
		<b>Győr/Pér</b>	
	1:12 500	AD 2-LHPR-AOCA-1129	01 DEC 2022
		<b>Hévíz/Balaton</b>	
	1:20 000	AD 2-LHSM-AOCA-1634	01 DEC 2022
		<b>Szeged</b>	
	1:10 000	AD 2-LHUD-AOCA-16R34L	22 APR 2021
Precision Approach Terrain Chart - ICAO		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:2 500	AD 2-LHBP-PATC-13L31R	13 JUL 2023
	1:2 500, 1:5 000	AD 2-LHBP-PATC-13R31L	13 JUL 2023
Standard Departure Chart - Instrument (SID) - ICAO		<b>Békéscsaba</b>	
	1:225 000	AD 2-LHBC-SID-17L	04 SEP 2025
	1:225 000	AD 2-LHBC-SID-35R	04 SEP 2025
		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:700 000	AD 2-LHBP-SID-13L	27 JAN 2022
	1:700 000	AD 2-LHBP-SID-13R	27 JAN 2022
	1:700 000	AD 2-LHBP-SID-31L	06 OCT 2022
	1:700 000	AD 2-LHBP-SID-31R	27 JAN 2022
		<b>Debrecen</b>	
	1:250 000	AD 2-LHDC-SID-04R	20 FEB 2025
	1:250 000	AD 2-LHDC-SID-22L	20 FEB 2025
		<b>Nyíregyháza</b>	
	1:250 000	AD 2-LHNY-SID-18R	10 JUL 2025
	1:250 000	AD 2-LHNY-SID-36L	10 JUL 2025
		<b>Győr/Pér</b>	
	1:250 000	AD 2-LHPR-SID-11	13 JUL 2023

Title of series	Scale	Name and/or number	Date of latest revision
	1:250 000	AD 2-LHPR-SID-29 <b>Hévíz/Balaton</b>	13 JUL 2023
	1:250 000	AD 2-LHSM-SID-16	04 SEP 2025
	1:250 000	AD 2-LHSM-SID-34	04 SEP 2025
Standard Arrival Chart - Instrument (STAR) - ICAO		<b>Békéscsaba</b>	
	1:225 000	AD 2-LHBC-STAR-17L35R <b>Budapest/Liszt Ferenc International Airport</b>	05 SEP 2024
	1:700 000	AD 2-LHBP-STAR-13L13R	27 JAN 2022
	1:700 000	AD 2-LHBP-STAR-31L31R <b>Debrecen</b>	27 JAN 2022
	1:250 000	AD 2-LHDC-STAR-04R22L <b>Hévíz/Balaton</b>	20 FEB 2025
	1:250 000	AD 2-LHSM-STAR-1634 <b>Nyíregyháza</b>	04 SEP 2025
	1:250 000	AD 2-LHNY-STAR-18R36L	10 JUL 2025
Budapest TMA - Index Chart		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:700 000	AD 2-LHBP-TMA	21 MAR 2024
Holding Procedures - Index Chart		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:700 000	AD 2-LHBP-HLDG	28 JAN 2021
ATC Surveillance Minimum Altitude Chart - ICAO		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:700 000	AD 2-LHBP-ATCSMAC	28 JAN 2021
Instrument Approach Chart - ICAO		<b>Békéscsaba</b>	
	1:275 000	AD 2-LHBC-NDB 17L	11 JUL 2024
	1:275 000	AD 2-LHBC-NDB 35R	11 JUL 2024
	1:275 000	AD 2-LHBC-RNP 17L	11 JUL 2024
	1:275 000	AD 2-LHBC-RNP 35R	11 JUL 2024
		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:300 000	AD 2-LHBP-ILS/LOC-13L	30 NOV 2023
	1:300 000	AD 2-LHBP-ILS/LOC-13R	30 NOV 2023
	1:300 000	AD 2-LHBP-ILS/LOC-31L	30 NOV 2023
	1:300 000	AD 2-LHBP-ILS/LOC-31R	30 NOV 2023
	1:300 000	AD 2-LHBP-RNP-13L	30 NOV 2023
	1:300 000	AD 2-LHBP-RNP-13R	30 NOV 2023
	1:300 000	AD 2-LHBP-RNP-31L	30 NOV 2023
	1:300 000	AD 2-LHBP-RNP-Y-31R	06 OCT 2022
	1:300 000	AD 2-LHBP-RNP-Z-31R	30 NOV 2023
	1:300 000	AD 2-LHBP-VOR-13L	30 NOV 2023
	1:300 000	AD 2-LHBP-VOR-31R	30 NOV 2023
		<b>Debrecen</b>	
	1:250 000	AD 2-LHDC-ILS/LOC-04R	20 FEB 2025

Title of series	Scale	Name and/or number	Date of latest revision
	1:250 000	AD 2-LHDC-NDB-22L	20 FEB 2025
	1:250 000	AD 2-LHDC-RNP-04R	20 FEB 2025
	1:250 000	AD 2-LHDC-RNP-22L	20 FEB 2025
		<b>Nyíregyháza</b>	
	1:250 000	AD 2-LHNY-RNP-Y-18R	04 SEP 2025
	1:250 000	AD 2-LHNY-RNP-Z-18R	04 SEP 2025
	1:250 000	AD 2-LHNY-RNP-Y-36L	04 SEP 2025
	1:250 000	AD 2-LHNY-RNP-Z-36L	04 SEP 2025
		<b>Pécs/Pogány</b>	
	1:250 000	AD 2-LHPP-ILS/LOC-33	20 FEB 2025
	1:250 000	AD 2-LHPP-NDB-15	20 FEB 2025
	1:250 000	AD 2-LHPP-RNP-15	20 FEB 2025
	1:250 000	AD 2-LHPP-RNP-33	20 FEB 2025
		<b>Győr/Pér</b>	
	1:250 000	AD 2-LHPR-ILS/LOC-29	14 JUL 2022
	1:250 000	AD 2-LHPR-RNP-11	14 JUL 2022
	1:250 000	AD 2-LHPR-RNP-29	14 JUL 2022
	1:250 000	AD 2-LHPR-VOR-11	14 JUL 2022
	1:250 000	AD 2-LHPR-VOR-29	14 JUL 2022
		<b>Hévíz/Balaton</b>	
	1:250 000	AD 2-LHSM-ILS/LOC-16	04 SEP 2025
	1:250 000	AD 2-LHSM-NDB-16	04 SEP 2025
	1:250 000	AD 2-LHSM-NDB-34	04 SEP 2025
	1:250 000	AD 2-LHSM-RNP-16	20 FEB 2025
	1:250 000	AD 2-LHSM-RNP-34	20 FEB 2025
Visual Approach Chart - ICAO		<b>Békéscsaba</b>	
	1:150 000	AD 2-LHBC-VAC	04 SEP 2025
		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:150 000	AD 2-LHBP-VAC	04 SEP 2025
		<b>Debrecen</b>	
	1:150 000	AD 2-LHDC-VAC	15 MAY 2025
		<b>Nyíregyháza</b>	
	1:150 000	AD 2-LHNY-VAC	04 SEP 2025
		<b>Pécs/Pogány</b>	
	1:150 000	AD 2-LHPP-VAC	20 FEB 2025
		<b>Győr/Pér</b>	
	1:150 000	AD 2-LHPR-VAC	04 SEP 2025
		<b>Hévíz/Balaton</b>	
	1:150 000	AD 2-LHSM-VAC	04 SEP 2025
		<b>Szeged</b>	
	1:150 000	AD 2-LHUD-VAC	04 SEP 2025
Bird concentrations in the vicinity of the aerodrome - Index Chart		<b>Budapest/Liszt Ferenc International Airport</b>	
	1:150 000	AD 2-LHBP-BIRD	04 SEP 2025



**AIP HUNGARY**

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

Aeronautical Chart - ICAO 1:500 000 is produced instead of WAC 1:1 000 000.

**7. TOPOGRAPHICAL CHARTS**

NIL

**8. CORRECTIONS TO CHARTS NOT CONTAINED IN THE AIP**

NIL

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