REPUBLIC OF CROATIA

Phone: +385 1 6259 373
+385 1 6259 589
+385 1 6259 372
+385 1 6259 381
Fax: +385 1 6259 374
AFS: LDZAYOYX
Email: aip@crocontrol.hr
URL: https://www.crocontrol.hr

Croatia Control Ltd.
AIM/AIS Service
Rudolfa Fizira 2
10410 Velika Gorica, PO Box 103
Croatia

AIRAC AIP AMDT 004/2024
Effective Date: 16 MAY 2024
Publication Date: 04 APR 2024

1. Amendment contents:

GEN

- **GEN 0.2** - Record of AIP amendments - updated
- **GEN 0.3** - Record of AIP supplements - updated
- **GEN 0.4** - Checklist of AIP pages - updated
- **GEN 0.5** - List of hand amendments to the AIP - updated
- **GEN 2.2** - New non-ICAO abbreviation NUP added
- **GEN 4.1** - Aerodrome/Heliport Charges - LDPL, LDSB, LDSP, LDZA and LDZD - various changes

ENR

- **ENR 1.6.1** - Radar Services - editorial changes; WAM system added
- **ENR 1.7.4.1** - Flight planning - new text regarding transition layer added
- **ENR 1.9.2** - Airspace management of the Republic of Croatia - editorial changes
- **ENR 4.4** - Name-code designators for significant points - FRA relevance for KOFER changed
- **ENR 5.2.2 and ENR 5.2.4** - Military exercise and training areas and air defence identification zone (ADIZ) - LDTR24AZ, LDTR24BZ, LDTR24CZ, LDTR25AZ, LDTR25BZ, LDTR25CZ, LDTR26AZ, LDTR26BZ, LDTR26CZ, LDTR27AZ, LDTR27BZ, LDTR27CZ, LDTR28AZ, LDTR28BZ, LDTR28CZ, LDTR29AZ, LDTR29BZ, LDTR29CZ, LDD23AZ, LDD23BZ, LDD23CZ - new FBZ added
- **ENR 5.4** - Air navigation obstacles - updated
- **ENR 6** - New charts:
  - Prohibited, Restriced and Danger Areas - Index Chart (ENR 6.4 -1/2)
  - Military Exercise and Training Areas, TRA and TSA - Index Chart (ENR 6.5 -1/2)
  - FBZ - Military Exercise and Training Areas, TRA and TSA - Index Chart (ENR 6.5 -3/4) - first edition
  - Free Route Airspace - Index Chart SECSI FRA (ENR 6.11 -1/2)

AD

- **LDDU AD 2.11** - Office responsible for TAF preparation - MWO Zagreb, TREND interval of issuance - 30 MIN and telefax is no longer supplementary equipment AVBL for providing information
- **LDLO AD 2.3, 2.11, 2.24** - Operational hours of AD operator - Upon NOTAM only; Office responsible for TAF preparation - MWO Zagreb and telefax is no longer supplementary equipment AVBL for providing information; Remark changed to "All instrument APP procedures and all standard instrument departures are suspended outside ATS HR SER"
- **LDOS AD 2.3, 2.11, 2.25** - Operational hours of AD operator - Upon NOTAM only; Office responsible for TAF preparation - MWO Zagreb and telefax is no longer supplementary equipment AVBL for providing information; VSS Penetration - changed
- **LDPL AD 2.11** - Office responsible for TAF preparation - MWO Zagreb, TREND interval of issuance - 30 MIN and telefax is no longer supplementary equipment AVBL for providing information

- **LDRI AD 2.3, 2.11** - Operational hours of AD operator - Upon NOTAM only; Office responsible for TAF preparation - MWO Zagreb and telefax is no longer supplementary equipment AVBL for providing information
- **LDSB AD 2.3, 2.11** - Operational hours of AD operator - Upon NOTAM only; Office responsible for TAF preparation - MWO Zagreb and telefax is no longer supplementary equipment AVBL for providing information
- **LDSP AD 2.11, 2.13** - Office responsible for TAF preparation - MWO Zagreb, TREND interval of issuance - 30 MIN and telefax is no longer supplementary equipment AVBL for providing information; LDA RWY 05 at intersection TWY A updated
- **LDSP AD 2.24** - New charts:
  - Standard Departure Chart - Instrument - ICAO RWY 23 (LDSP AD 2.24.8 SID RWY 23 -1/2)
  - Standard Departure Chart Instrument (SID) - ICAO RNAV RWY 23 (LDSP AD 2.24.8 SID RNAV RWY 23 -1/4)
  - Standard Arrival Chart - Instrument - ICAO RNAV RWY 05 (LDSP AD 2.24.10 STAR RNAV RWY 05 -1/6)
  - Standard Arrival Chart - Instrument - ICAO RWY 23 (LDSP AD 2.24.10 STAR RWY 23 -1/2)
  - Standard Arrival Chart Instrument (STAR) - ICAO RNAV RWY 23 (LDSP AD 2.24.10 STAR RNAV RWY 23 -1/6)
  - ATC Surveillance Minimum Altitude Chart - ICAO (LDSP AD 2.24.11 ATCSMAC - 1/2) - updated
- **LDZA AD 2.11** - Office responsible for TAF preparation - MWO Zagreb, TREND interval of issuance - 30 MIN, VOLMET broadcast and telefax is no longer supplementary equipment AVBL for providing information
- **LDZA AD 2.24** - New charts:
  - Instrument Approach Chart - ICAO L RWY 04 (LDZA AD 2.24.12 IAC L RWY 04 -1/2)
  - Instrument Approach Chart - ICAO ILS y or LOC y RWY 04 CAT I/II/III (LDZA AD 2.24.12 IAC ILS y or LOC y RWY 04 -1/2)
  - Instrument Approach Chart - ICAO ILS z or LOC z RWY 04 CAT I/II/III (LDZA AD 2.24.12 IAC ILS z or LOC z RWY 04 -1/2)
  - Instrument Approach Chart - ICAO L RWY 22 (LDZA AD 2.24.12 IAC L RWY 22 -1/2)
  - Instrument Approach Chart - ICAO ILS y or LOC y RWY 22 (LDZA AD 2.24.12 IAC ILS y or LOC y RWY 22 -1/2)
  - Instrument Approach Chart - ICAO ILS z or LOC z RWY 22 (LDZA AD 2.24.12 IAC ILS z or LOC z RWY 22 -1/2)
  - Instrument Approach Chart - ICAO RNP RWY 04 (LDZA AD 2.24.12 IAC RNP RWY 04 -1/4)
  - Instrument Approach Chart - ICAO RNP RWY 22 (LDZA AD 2.24.12 IAC RNP RWY 22 -1/4)
  - Visual Operation Chart (LDZA AD 2.24.13 VOC -1/2)
- **LDZD AD 2.4, 2.11** - Handling services and facilities - Remark for Zadar Airport Operations added; Office responsible for TAF preparation - MWO Zagreb, TREND interval of issuance - 30 MIN and telefax is no longer supplementary equipment AVBL for providing information
- **LDZD AD 2.24** - New charts:
  - Standard Departure Chart Instrument (SID) - ICAO RWY 04 (LDZD AD 2.24.8 SID RWY 04 -1/2)
  - Standard Departure Chart Instrument (SID) - ICAO RNAV RWY 04 (LDZD AD 2.24.8 SID RNAV RWY 04 -1/4)
  - Standard Departure Chart Instrument (SID) - ICAO RWY 22 (LDZD AD 2.24.8 SID RWY 22 -1/2)
  - Standard Departure Chart Instrument (SID) - ICAO RNAV RWY 22 (LDZD AD 2.24.8 SID RNAV RWY 22 -1/2)
  - Standard Arrival Chart Instrument (STAR) - ICAO RNAV RWY 04 (LDZD AD 2.24.10 STAR RNAV RWY 04 -1/4)
  - Instrument Approach Chart - ICAO VOR RWY 04 (LDZD AD 2.24.12 IAC VOR RWY 04 -1/2)
  - Instrument Approach Chart - ICAO RNP RWY 04 (LDZD AD 2.24.12 IAC RNP RWY 04 -1/4)
  - Instrument Approach Chart - ICAO RNP RWY 31 (LDZD AD 2.24.12 IAC RNP RWY 31 -1/4)
  - Instrument Approach Chart - ICAO L RWY 31 (LDZD AD 2.24.12 IAC L RWY 31 -1/2)
  - Instrument Approach Chart - ICAO VOR RWY 31 (LDZD AD 2.24.12 IAC VOR RWY 31 -1/2)

2. Hand corrections to the following pages:

- See GEN 0.5

3. Record entry of AMDT in GEN 0.2

4. This AIP amendment incorporates information contained in the following publications:

NOTAM: A0177/24, A0402-0426/24 and A0476/24
NOTAMs incorporated in this amendment will be cancelled by NOTAMC

SUP: NIL

AIC: NIL

5. Insert / remove the pages as shown in list on the next page:

Insert the following pages

GEN 0.2 - 3/4	30 DEC 2021 / 16 MAY 2024
GEN 0.3 - 1/2	16 MAY 2024 / 01 FEB 2018
GEN 0.4 - 1/2	16 MAY 2024 / 16 MAY 2024
GEN 0.4 - 3/4	16 MAY 2024 / 16 MAY 2024
GEN 0.4 - 5/6	16 MAY 2024 / 16 MAY 2024
GEN 0.4 - 7/8	16 MAY 2024 / 16 MAY 2024
GEN 0.4 - 9/10	16 MAY 2024 / 16 MAY 2024
GEN 0.5 - 3/4	16 MAY 2024 / 18 APR 2024
GEN 0.5 - 5/6	16 MAY 2024 / 16 MAY 2024
GEN 2.2 - 7/8	16 MAY 2024 / 16 MAY 2024
GEN 2.2 - 9/10	16 MAY 2024 / 16 MAY 2024
GEN 2.2 - 11/12	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 1/2	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 3/4	16 MAY 2024 / 10 OCT 2019
GEN 4.1 - 5/6	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 9/10	07 SEP 2023 / 16 MAY 2024
GEN 4.1 - 11/12	07 SEP 2023 / 16 MAY 2024
GEN 4.1 - 13/14	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 15/16	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 25/26	02 NOV 2023 / 16 MAY 2024
GEN 4.1 - 27/28	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 29/30	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 31/32	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 35/36	16 MAY 2024 / 16 MAY 2024
GEN 4.1 - 37/38	16 MAY 2024 / 16 MAY 2024
ENR 1.6 - 1/2	10 AUG 2023 / 16 MAY 2024
ENR 1.6 - 3/4	16 MAY 2024 / 10 AUG 2023
ENR 1.7 - 1/2	25 APR 2019 / 16 MAY 2024
ENR 1.7 - 3/4	16 MAY 2024 / 08 MAR 2012
ENR 1.9 - 19/20	28 DEC 2023 / 16 MAY 2024
ENR 1.9 - 21/22	16 MAY 2024 / 28 DEC 2023
ENR 1.9 - 23/24	28 DEC 2023 / 16 MAY 2024
ENR 1.9 - 25/26	16 MAY 2024 / 28 DEC 2023
ENR 4.4 - 3/4	21 MAR 2024 / 16 MAY 2024
ENR 5.2 - 5/6	18 APR 2024 / 16 MAY 2024
ENR 5.2 - 7/8	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 9/10	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 11/12	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 13/14	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 15/16	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 17/18	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 19/20	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 21/22	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 23/24	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 25/26	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 27/28	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 29/30	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 31/32	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 33/34	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 35/36	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 37/38	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 39/40	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 41/42	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 43/44	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 45/46	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 47/48	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 49/50	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 51/52	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 53/54	16 MAY 2024 / 16 MAY 2024
ENR 5.2 - 55/56	16 MAY 2024 / 16 MAY 2024
ENR 5.4 - 1/2	16 MAY 2024 / 16 MAY 2024
ENR 5.4 - 3/4	16 MAY 2024 / 16 MAY 2024
ENR 6 - 1/2	16 MAY 2024 / 08 MAR 2012
ENR 6.4 - 1/2	16 MAY 2024 / 16 MAY 2024
ENR 6.5-1 - 1/2	16 MAY 2024 / 16 MAY 2024
ENR 6.5-3 - 3/4	16 MAY 2024 / 16 MAY 2024
ENR 6.11 - 1/2	16 MAY 2024 / 16 MAY 2024
LDDU AD 2 - 5/6	12 AUG 2021 / 16 MAY 2024
LDLO AD 2 - 1/2	30 NOV 2023 / 16 MAY 2024
LDLO AD 2 - 5/6	22 FEB 2024 / 16 MAY 2024
LDLO AD 2 - 15/16	21 MAR 2024 / 16 MAY 2024
LDOS AD 2 - 1/2	30 NOV 2023 / 16 MAY 2024
LDOS AD 2 - 5/6	16 MAY 2024 / 30 NOV 2023
LDOS AD 2 - 15/16	16 MAY 2024 / 30 NOV 2023
LDPL AD 2 - 5/6	30 DEC 2021 / 16 MAY 2024
LDRI AD 2 - 1/2	30 NOV 2023 / 16 MAY 2024
LDRI AD 2 - 3/4	30 NOV 2023 / 16 MAY 2024
LDSB AD 2 - 1/2	18 APR 2024 / 16 MAY 2024
LDSB AD 2 - 5/6	16 MAY 2024 / 30 NOV 2023
LDSP AD 2 - 13/14	21 MAR 2024 / 16 MAY 2024
LDSP AD 2 - 15/16	16 MAY 2024 / 21 MAR 2024
LDSP AD 2.24.8 SID RWY 23 - 1/2	16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.8 SID RNAV RWY 23 - 1/2	16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.8 SID RNAV RWY 23 - 3/4	16 MAY 2024 / 16 MAY

Remove the following pages

GEN 0.2 - 3/4	30 DEC 2021 / 18 APR 2024
GEN 0.3 - 1/2	18 APR 2024 / 01 FEB 2018
GEN 0.4 - 1/2	18 APR 2024 / 18 APR 2024
GEN 0.4 - 3/4	18 APR 2024 / 18 APR 2024
GEN 0.4 - 5/6	18 APR 2024 / 18 APR 2024
GEN 0.4 - 7/8	18 APR 2024 / 18 APR 2024
NIL	
GEN 0.5 - 3/4	18 APR 2024 / 18 APR 2024
GEN 0.5 - 5/6	18 APR 2024 / 18 APR 2024
GEN 2.2 - 7/8	18 APR 2024 / 18 APR 2024
GEN 2.2 - 9/10	18 APR 2024 / 18 APR 2024
GEN 2.2 - 11/12	18 APR 2024 / 18 APR 2024
GEN 4.1 - 1/2	02 NOV 2023 / 05 OCT 2023
GEN 4.1 - 3/4	07 SEP 2023 / 10 OCT 2019
GEN 4.1 - 5/6	02 NOV 2023 / 05 OCT 2023
GEN 4.1 - 9/10	07 SEP 2023 / 07 SEP 2023
GEN 4.1 - 11/12	07 SEP 2023 / 07 SEP 2023
GEN 4.1 - 13/14	02 NOV 2023 / 05 OCT 2023
GEN 4.1 - 15/16	02 NOV 2023 / 02 NOV 2023
GEN 4.1 - 25/26	02 NOV 2023 / 05 OCT 2023
GEN 4.1 - 27/28	05 OCT 2023 / 05 OCT 2023
GEN 4.1 - 29/30	02 NOV 2023 / 05 OCT 2023
GEN 4.1 - 31/32	05 OCT 2023 / 02 NOV 2023
GEN 4.1 - 35/36	02 NOV 2023 / 05 OCT 2023
GEN 4.1 - 37/38	05 OCT 2023 / 05 OCT 2023
ENR 1.6 - 1/2	10 AUG 2023 / 10 AUG 2023
ENR 1.6 - 3/4	10 AUG 2023 / 10 AUG 2023
ENR 1.7 - 1/2	25 APR 2019 / 08 MAR 2012
ENR 1.7 - 3/4	08 MAR 2012 / 08 MAR 2012
ENR 1.9 - 19/20	28 DEC 2023 / 28 DEC 2023
ENR 1.9 - 21/22	28 DEC 2023 / 28 DEC 2023
ENR 1.9 - 23/24	28 DEC 2023 / 28 DEC 2023
ENR 1.9 - 25/26	28 DEC 2023 / 28 DEC 2023
ENR 4.4 - 3/4	21 MAR 2024 / 21 MAR 2024
ENR 5.2 - 5/6	18 APR 2024 / 18 APR 2024
ENR 5.2 - 7/8	18 APR 2024 / 18 APR 2024
ENR 5.2 - 9/10	18 APR 2024 / 18 APR 2024
ENR 5.2 - 11/12	18 APR 2024 / 18 APR 2024
ENR 5.2 - 13/14	18 APR 2024 / 18 APR 2024
ENR 5.2 - 15/16	18 APR 2024 / 18 APR 2024
ENR 5.2 - 17/18	18 APR 2024 / 18 APR 2024
ENR 5.2 - 19/20	18 APR 2024 / 18 APR 2024
ENR 5.2 - 21/22	18 APR 2024 / 18 APR 2024
ENR 5.2 - 23/24	18 APR 2024 / 18 APR 2024
ENR 5.2 - 25/26	18 APR 2024 / 18 APR 2024
ENR 5.2 - 27/28	18 APR 2024 / 18 APR 2024
ENR 5.2 - 29/30	18 APR 2024 / 18 APR 2024
ENR 5.2 - 31/32	18 APR 2024 / 18 APR 2024
ENR 5.2 - 33/34	18 APR 2024 / 18 APR 2024
ENR 5.2 - 35/36	18 APR 2024 / 18 APR 2024
ENR 5.2 - 37/38	18 APR 2024 / 18 APR 2024
ENR 5.2 - 39/40	18 APR 2024 / 18 APR 2024
ENR 5.2 - 41/42	18 APR 2024 / 18 APR 2024
ENR 5.2 - 43/44	18 APR 2024 / 18 APR 2024
ENR 5.2 - 45/46	18 APR 2024 / 18 APR 2024
ENR 5.2 - 47/48	18 APR 2024 / 18 APR 2024
ENR 5.2 - 49/50	18 APR 2024 / 18 APR 2024
ENR 5.2 - 51/52	18 APR 2024 / 18 APR 2024
NIL	
NIL	
ENR 5.4 - 1/2	28 DEC 2023 / 28 DEC 2023
NIL	
ENR 6 - 1/2	18 APR 2024 / 08 MAR 2012
ENR 6.4 - 1/2	18 APR 2024 / 18 APR 2024
ENR 6.5-1 - 1/2	18 APR 2024 / 18 APR 2024
NIL	
ENR 6.11 - 1/2	21 MAR 2024 / 21 MAR 2024
LDDU AD 2 - 5/6	12 AUG 2021 / 02 DEC 2021
LDLO AD 2 - 1/2	30 NOV 2023 / 30 NOV 2023
LDLO AD 2 - 5/6	22 FEB 2024 / 22 FEB 2024
LDLO AD 2 - 15/16	21 MAR 2024 / 21 MAR 2024
LDOS AD 2 - 1/2	30 NOV 2023 / 18 APR 2024
LDOS AD 2 - 5/6	29 DEC 2022 / 30 NOV 2023
LDOS AD 2 - 15/16	30 NOV 2023 / 30 NOV 2023
LDPL AD 2 - 5/6	30 DEC 2021 / 02 DEC 2021
LDRI AD 2 - 1/2	30 NOV 2023 / 30 NOV 2023
LDRI AD 2 - 3/4	30 NOV 2023 / 02 DEC 2021
LDSB AD 2 - 1/2	18 APR 2024 / 30 NOV 2023
LDSB AD 2 - 5/6	02 DEC 2021 / 30 NOV 2023
LDSP AD 2 - 13/14	21 MAR 2024 / 21 MAR 2024
LDSP AD 2 - 15/16	21 MAR 2024 / 21 MAR 2024
LDSP AD 2.24.8 SID RWY 23 - 1/2	18 MAY 2023 / 18 MAY 2023
LDSP AD 2.24.8 SID RNAV RWY 23 - 1/2	05 DEC 2019 / 05 DEC 2019
LDSP AD 2.24.8 SID RNAV RWY 23 - 3/4	05 DEC 2019 / 05 DEC

Insert the following pages

2024
LDSP AD 2.24.10 STAR RNAV RWY 05 - 1/2 16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.10 STAR RNAV RWY 05 - 3/4 16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.10 STAR RNAV RWY 05 - 5/6 16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.10 STAR RWY 23 - 1/2 16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.10 STAR RNAV RWY 23 - 1/2 16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.10 STAR RNAV RWY 23 - 3/4 16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.10 STAR RNAV RWY 23 - 5/6 16 MAY 2024 / 16 MAY 2024
LDSP AD 2.24.11 ATCSMAC - 1/2 16 MAY 2024 / 16 MAY 2024
LDZA AD 2 - 7/8 16 MAY 2024 / 30 NOV 2023
LDZA AD 2.24.12 IAC L RWY 04 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZA 2.24.12 IAC ILSy or LOCy RWY 04 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZA AD 2.24.12 IAC ILSz or LOCz RWY 04- 1/2 16 MAY 2024 / 16 MAY 2024
LDZA AD 2 24 12 IAC L RWY 22 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZA AD 2.24.12 IAC ILSy or LOCy RWY 22- 1/2 16 MAY 2024 / 16 MAY 2024
LDZA AD 2.24.12 IAC ILSz or LOCz RWY 22 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZA AD 2.24.12 IAC RNP RWY 04 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZA AD 2.24.12 IAC RNP RWY 04 - 3/4 16 MAY 2024 / 16 MAY 2024
LDZA AD 2.24.12 IAC RNP RWY 22 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZA AD 2.24.12 IAC RNP RWY 22 - 3/4 16 MAY 2024 / 16 MAY 2024
LDZA AD 2.24.13 VOC - 1/2 16 MAY 2024 / 16 MAY 2024
LDZD AD 2 - 1/2 30 NOV 2023 / 16 MAY 2024
LDZD AD 2 - 5/6 23 MAY 2019 / 16 MAY 2024
LDZD AD 2.24.8 SID RWY 04 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.8 SID RNAV RWY 04 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.8 SID RNAV RWY 04 - 3/4 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.8 SID RWY 22 - 1/2 16 MAY 2024 / 16 MAY 2024 LDZD AD 2.24.8 SID RNAV RWY 22 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.10 STAR RNAV RWY 04 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.10 STAR RNAV RWY 04 - 3/4 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.12 IAC VOR RWY04 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.12 IAC RNP RWY 04 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.12 IAC RNP RWY 04 - 3/4 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.12 IAC RNP RWY 31 - 1/2 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.12 IAC RNP RWY 31 - 3/4 16 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.12 IAC L RWY 31 - 1/216 MAY 2024 / 16 MAY 2024
LDZD AD 2.24.12 IAC VOR RWY 31 - 1/2 16 MAY 2024 / 16 MAY 2024

Remove the following pages

2019
LDSP AD 2.24.10 STAR RNAV RWY 05 - 1/2 18 APR 2024 / 18 APR 2024
LDSP AD 2.24.10 STAR RNAV RWY 05 - 3/4 18 APR 2024 / 18 APR 2024
NIL
LDSP AD 2.24.10 STAR RWY 23 - 1/2 18 MAY 2023 / 18 MAY 2023
LDSP AD 2.24.10 STAR RNAV RWY 23 - 1/2 19 MAY 2022 / 19 MAY 2022
LDSP AD 2.24.10 STAR RNAV RWY 23 - 3/4 19 MAY 2022 / 19 MAY 2022
LDSP AD 2.24.10 STAR RNAV RWY 23 - 5/6 19 MAY 2022 / 19 MAY 2022
LDSP AD 2.24.11 ATCSMAC - 1/2 18 APR 2024 / 18 APR 2024
LDZA AD 2 - 7/8 30 NOV 2023 / 30 NOV 2023
LDZA AD 2.24.12 IAC L RWY 04 - 1/2 25 JAN 2024 / 25 JAN 2024
LDZA 2.24.12 IAC ILSy or LOCy RWY 04 - 1/2 25 JAN 2024 / 25 JAN 2024
LDZA AD 2.24.12 IAC ILSz or LOCz RWY 04 - 1/2 25 JAN 2024 / 25 JAN 2024
LDZA AD 2 24 12 IAC L RWY 22 - 1/2 25 JAN 2024 / 25 JAN 2024
LDZA AD 2.24.12 IAC ILSy or LOCy RWY 22 - 1/2 25 JAN 2024 / 25 JAN 2024
LDZA AD 2.24.12 IAC ILSz or LOCz RWY 22 - 1/2 25 JAN 2024 / 25 JAN 2024
LDZA AD 2.24.12 IAC RNP RWY 04 - 1/2 25 JAN 2024 / 25 JAN 2024
LDZA AD 2.24.12 IAC RNP RWY 04 - 3/4 25 JAN 2024 / 25 JAN 2024
LDZA AD 2.24.12 IAC RNP RWY 22 - 1/2 25 JAN 2024 / 25 JAN 2024
LDZA AD 2.24.12 IAC RNP RWY 22 - 3/4 25 JAN 2024 / 25 JAN 2024
LDZA AD 2.24.13 VOC - 1/2 25 JAN 2024 / 25 JAN 2024
LDZD AD 2 - 1/2 30 NOV 2023 / 30 NOV 2023
LDZD AD 2 - 5/6 23 MAY 2019 / 02 DEC 2021
LDZD AD 2.24.8 SID RWY 04 - 1/2 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.8 SID RNAV RWY 04 - 1/2 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.8 SID RNAV RWY 04 - 3/4 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.8 SID RWY22 - 1/2 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.8 SID RNAV RWY 22 - 1/2 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.10 STAR RNAV RWY 04 - 1/2 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.10 STAR RNAV RWY 04 - 3/4 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.12 IAC VOR RWY 04 - 1/2 14 JUL 2022 / 14 JUL 2022
LDZD AD 2.24.12 IAC RNP RWY 04 - 1/2 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.12 IAC RNP RWY 04 - 3/4 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.12 IAC RNP RWY 31 - 1/2 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.12 IAC RNP RWY 31 - 3/4 16 JUN 2022 / 16 JUN 2022
LDZD AD 2.24.12 IAC L RWY 31- 1/2 14 JUL 2022 / 14 JUL 2022
LDZD AD 2.24.12 IAC VOR RWY 31 - 1/2 14 JUL 2022 / 14 JUL 2022

AIRAC AIP AMENDMENT			
NR/Year	*Publication date*	*Effective date*	*Inserted by*
010/2018	27-Sep-2018	08-Nov-2018	
011/2018	25-Oct-2018	06-Dec-2018	
012/2018	22-Nov-2018	03-Jan-2019	
013/2018	20-Dec-2018	31-Jan-2019	
001/2019	17-Jan-2019	28-Feb-2019	
002/2019	14-Feb-2019	28-Mar-2019	
003/2019	14-Mar-2019	25-Apr-2019	
004/2019	11-Apr-2019	23-May-2019	
005/2019	09-May-2019	20-Jun-2019	
006/2019	06-Jun-2019	18-Jul-2019	
007/2019	01-Aug-2019	12-Sep-2019	
008/2019	29-Aug-2019	10-Oct-2019	
009/2019	26-Sep-2019	07-Nov-2019	
010/2019	24-Oct-2019	05-Dec-2019	
011/2019	19-Dec-2019	30-Jan-2020	
001/2020	16-Jan-2020	27-Feb-2020	
002/2020	13-Feb-2020	26-Mar-2020	
003/2020	12-Mar-2020	23-Apr-2020	
004/2020	09-Apr-2020	21-May-2020	
005/2020	07-May-2020	18-Jun-2020	
006/2020	04-Jun-2020	16-Jul-2020	
007/2020	02-Jul-2020	13-Aug-2020	
008/2020	30-Jul-2020	10-Sep-2020	
009/2020	24-Sep-2020	05-Nov-2020	
010/2020	22-Oct-2020	03-Dec-2020	
011/2020	19-Nov-2020	31-Dec-2020	
012/2020	17-Dec-2020	28-Jan-2021	
001/2021	14-Jan-2021	25-Feb-2021	
002/2021	11-Feb-2021	25-Mar-2021	
003/2021	11-Mar-2021	22-Apr-2021	
004/2021	08-Apr-2021	20-May-2021	
005/2021	06-May-2021	17-Jun-2021	
006/2021	02-Jun-2021	15-Jul-2021	
007/2021	01-Jul-2021	12-Aug-2021	
008/2021	29-Jul-2021	09-Sep-2021	
009/2021	26-Aug-2021	07-Oct-2021	
010/2021	23-Sep-2021	04-Nov-2021	
011/2021	21-Oct-2021	02-Dec-2021	
012/2021	17-Nov-2021	30-Dec-2021	

AIRAC AIP AMENDMENT			
NR/Year	*Publication date*	*Effective date*	*Inserted by*
013/2021	16-Dec-2021	27-Jan-2022	
001/2022	13-Jan-2022	24-Feb-2022	
002/2022	10-Feb-2022	24-Mar-2022	
003/2022	10-Mar-2022	21-Apr-2022	
004/2022	07-Apr-2022	19-May-2022	
005/2022	05-May-2022	16-Jun-2022	
006/2022	02-Jun-2022	14-Jul-2022	
007/2022	30-Jun-2022	11-Aug-2022	
008/2022	28-Jul-2022	08-Sep-2022	
009/2022	25-Aug-2022	06-Oct-2022	
010/2022	22-Sep-2022	03-Nov-2022	
011/2022	20-Oct-2022	01-Dec-2022	
012/2022	17-Nov-2022	29-Dec-2022	
013/2022	15-Dec-2022	26-Jan-2023	
001/2023	12-Jan-2023	23-Feb-2023	
002/2023	09-Feb-2023	23-Mar-2023	
003/2023	09-Mar-2023	20-Apr-2023	
004/2023	06-Apr-2023	18-May-2023	
005/2023	04-May-2023	15-Jun-2023	
006/2023	01-Jun-2023	13-Jul-2023	
007/2023	29-Jun-2023	10-Aug-2023	
008/2023	27-Jul-2023	07-Sep-2023	
009/2023	24-Aug-2023	05-Oct-2023	
010/2023	21-Sep-2023	02-Nov-2023	
011/2023	19-Oct-2023	30-Nov-2023	
012/2023	16-Nov-2023	28-Dec-2023	
013/2023	14-Dec-2023	25-Jan-2024	
001/2024	11-Jan-2024	22-Feb-2024	
002/2024	08-Feb-2024	21-Mar-2024	
003/2024	07-Mar-2024	18-Apr-2024	
004/2024	04-Apr-2024	16-May-2024	

GEN 0.3 RECORD OF AIP SUPPLEMENTS

NR/Year	Subject	AIP Section(s) Affected	Period of Validity	Cancellation Record
008/2023	LDZD - ZADAR/Zemunik Airport - Construction of the AWOS meteorological system infrastructure	LDZD AD 2	05-Oct-2023 - UFN	
014/2023	LDZA - ZAGREB/Franjo Tudjman Airport - Construction works at military area	LDZA AD 2	16-Nov-2023 - UFN	
015/2023	Ad-hoc established TRA flexible structures (for MIL use only) - Zagreb FIR lower airspace	ENR 1 ENR 5	16-Nov-2023 - UFN	
003/2024	LDZA – ZAGREB/Franjo Tudjman Airport – Reconstruction works on the TWYs F, D and E	LDZA AD 2	04-Apr-2024 - UFN	
004/2024	LDZD – ZADAR/Zemunik Airport - Construction of new part of the Main apron and changes of parking procedures	LDZD AD 2	04-Apr-2024 - UFN	

THIS PAGE INTENTIONALLY LEFT BLANK

GEN 0.4 CHECKLIST OF AIP PAGES

PART 1 - GENERAL (GEN)

Page	Date
GEN 0.1 - 1	23 MAR 2023
GEN 0.1 - 2	23 MAR 2023
GEN 0.1 - 3	23 MAR 2023
GEN 0.1 - 4	23 MAR 2023
GEN 0.2 - 1	20 JUL 2017
GEN 0.2 - 2	11 OCT 2018
GEN 0.2 - 3	30 DEC 2021
GEN 0.2 - 4	16 MAY 2024
GEN 0.2 - 5	27 JAN 2022
GEN 0.2 - 6	27 JAN 2022
GEN 0.3 - 1	16 MAY 2024
GEN 0.3 - 2	01 FEB 2018
GEN 0.4 - 1	16 MAY 2024
GEN 0.4 - 2	16 MAY 2024
GEN 0.4 - 3	16 MAY 2024
GEN 0.4 - 4	16 MAY 2024
GEN 0.4 - 5	16 MAY 2024
GEN 0.4 - 6	16 MAY 2024
GEN 0.4 - 7	16 MAY 2024
GEN 0.4 - 8	16 MAY 2024
GEN 0.4 - 9	16 MAY 2024
GEN 0.4 - 10	16 MAY 2024
GEN 0.5 - 1	05 OCT 2023
GEN 0.5 - 2	25 JAN 2024
GEN 0.5 - 3	16 MAY 2024
GEN 0.5 - 4	18 APR 2024
GEN 0.5 - 5	16 MAY 2024
GEN 0.5 - 6	16 MAY 2024
GEN 0.6 - 1	18 APR 2024
GEN 0.6 - 2	18 APR 2024
GEN 0.6 - 3	18 APR 2024
GEN 0.6 - 4	18 APR 2024
GEN 1.1 - 1	15 JUL 2021
GEN 1.1 - 2	13 JUL 2023
GEN 1.1 - 3	15 JUL 2021
GEN 1.1 - 4	26 JAN 2023
GEN 1.1 - 5	26 JAN 2023
GEN 1.1 - 6	26 JAN 2023
GEN 1.2 - 1	23 MAR 2023
GEN 1.2 - 2	30 DEC 2021
GEN 1.2 - 3	18 MAY 2023
GEN 1.2 - 4	18 MAY 2023
GEN 1.2 - 5	18 MAY 2023
GEN 1.2 - 6	18 MAY 2023
GEN 1.2 - 7	18 MAY 2023
GEN 1.2 - 8	18 MAY 2023
GEN 1.2 - 9	30 DEC 2021
GEN 1.2 - 10	21 JUL 2017
GEN 1.2 - 11	30 DEC 2021
GEN 1.2 - 12	24 JUL 2014
GEN 1.3 - 1	12 DEC 2013
GEN 1.3 - 2	12 DEC 2013
GEN 1.3 - 3	18 MAY 2023
GEN 1.3 - 4	18 MAY 2023
GEN 1.3 - 5	18 MAY 2023
GEN 1.3 - 6	18 MAY 2023
GEN 1.3 - 7	18 MAY 2023
GEN 1.3 - 8	18 MAY 2023
GEN 1.3 - 9	18 MAY 2023
GEN 1.3 - 10	18 MAY 2023
GEN 1.4 - 1	23 MAR 2023
GEN 1.4 - 2	23 MAR 2023
GEN 1.5 - 1	15 JUL 2021
GEN 1.5 - 2	15 JUL 2021
GEN 1.5 - 3	30 DEC 2021
GEN 1.5 - 4	30 APR 2015
GEN 1.6 - 1	15 JUL 2021
GEN 1.6 - 2	15 JUL 2021
GEN 1.7 - 1	12 OCT 2017
GEN 1.7 - 2	12 AUG 2021
GEN 1.7 - 3	20 APR 2023
GEN 1.7 - 4	12 AUG 2021
GEN 1.7 - 5	12 AUG 2021
GEN 1.7 - 6	12 AUG 2021
GEN 1.7 - 7	12 AUG 2021
GEN 1.7 - 8	12 AUG 2021
GEN 1.7 - 9	12 AUG 2021
GEN 1.7 - 10	12 AUG 2021
GEN 1.7 - 11	12 AUG 2021
GEN 1.7 - 12	12 AUG 2021
GEN 1.7 - 13	12 AUG 2021
GEN 1.7 - 14	07 OCT 2021
GEN 1.7 - 15	07 OCT 2021
GEN 1.7 - 16	29 DEC 2022
GEN 1.7 - 17	29 DEC 2022
GEN 1.7 - 18	29 DEC 2022
GEN 1.7 - 19	18 MAY 2023
GEN 1.7 - 20	18 MAY 2023
GEN 1.7 - 21	18 MAY 2023
GEN 1.7 - 22	29 DEC 2022
GEN 2.1 - 1	23 MAR 2023
GEN 2.1 - 2	08 SEP 2022
GEN 2.1 - 3	08 SEP 2022
GEN 2.1 - 4	23 MAR 2023
GEN 2.2 - 1	18 APR 2024
GEN 2.2 - 2	18 APR 2024
GEN 2.2 - 3	18 APR 2024
GEN 2.2 - 4	18 APR 2024
GEN 2.2 - 5	18 APR 2024
GEN 2.2 - 6	18 APR 2024
GEN 2.2 - 7	16 MAY 2024
GEN 2.2 - 8	16 MAY 2024
GEN 2.2 - 9	16 MAY 2024
GEN 2.2 - 10	16 MAY 2024
GEN 2.2 - 11	16 MAY 2024
GEN 2.2 - 12	16 MAY 2024
GEN 2.3 - 1	01 FEB 2018
GEN 2.3 - 2	01 FEB 2018
GEN 2.3 - 3	01 FEB 2018
GEN 2.3 - 4	01 FEB 2018
GEN 2.3 - 5	01 FEB 2018
GEN 2.3 - 6	01 FEB 2018
GEN 2.3 - 7	01 FEB 2018
GEN 2.3 - 8	01 FEB 2018
GEN 2.3 - 9	04 NOV 2021
GEN 2.3 - 10	01 FEB 2018
GEN 2.3 - 11	01 FEB 2018
GEN 2.3 - 12	01 FEB 2018
GEN 2.3 - 13	01 FEB 2018
GEN 2.3 - 14	01 FEB 2018
GEN 2.4 - 1	02 NOV 2023
GEN 2.4 - 2	26 JAN 2023
GEN 2.5 - 1	02 NOV 2023
GEN 2.5 - 2	02 NOV 2023
GEN 2.6 - 1	13 SEP 2018
GEN 2.6 - 2	08 MAR 2012
GEN 2.6 - 3	08 MAR 2012
GEN 2.6 - 4	08 MAR 2012
GEN 2.7 - 1	23 FEB 2023
GEN 2.7 - 2	23 FEB 2023
GEN 2.7 - 3	23 FEB 2023
GEN 2.7 - 4	23 FEB 2023
GEN 2.7 - 5	23 FEB 2023

Page	Date
GEN 2.7 - 6	23 FEB 2023
GEN 2.7 - 7	23 FEB 2023
GEN 2.7 - 8	23 FEB 2023
GEN 2.7 - 9	23 FEB 2023
GEN 2.7 - 10	23 FEB 2023
GEN 2.7 - 11	23 FEB 2023
GEN 2.7 - 12	23 FEB 2023
GEN 2.7 - 13	23 FEB 2023
GEN 2.7 - 14	23 FEB 2023
GEN 3.1 - 1	01 DEC 2022
GEN 3.1 - 2	28 DEC 2023
GEN 3.1 - 3	28 DEC 2023
GEN 3.1 - 4	28 DEC 2023
GEN 3.1 - 5	18 APR 2024
GEN 3.1 - 6	23 MAR 2023
GEN 3.2 - 1	08 SEP 2022
GEN 3.2 - 2	08 SEP 2022
GEN 3.2 - 3	08 SEP 2022
GEN 3.2 - 4	18 APR 2024
GEN 3.3 - 1	30 NOV 2023
GEN 3.3 - 2	30 NOV 2023
GEN 3.3 - 3	30 NOV 2023
GEN 3.3 - 4	30 NOV 2023
GEN 3.4 - 1	22 FEB 2024
GEN 3.4 - 2	25 JAN 2024
GEN 3.4 - 3	08 MAR 2012
GEN 3.4 - 4	23 MAR 2023
GEN 3.4 - 5	23 MAR 2023
GEN 3.4 - 6	08 MAR 2012
GEN 3.5 - 1	18 APR 2024
GEN 3.5 - 2	18 APR 2024
GEN 3.5 - 3	18 APR 2024
GEN 3.5 - 4	22 FEB 2024
GEN 3.5 - 5	18 APR 2024
GEN 3.5 - 6	18 APR 2024
GEN 3.5 - 7	18 APR 2024
GEN 3.5 - 8	18 APR 2024
GEN 3.5 - 9	18 APR 2024
GEN 3.5 - 10	18 APR 2024
GEN 3.6 - 1	27 JAN 2022
GEN 3.6 - 2	24 MAR 2022
GEN 3.6 - 3	24 MAR 2022
GEN 3.6 - 4	24 MAR 2022
GEN 4.1 - 1	16 MAY 2024
GEN 4.1 - 2	16 MAY 2024
GEN 4.1 - 3	16 MAY 2024
GEN 4.1 - 4	10 OCT 2019
GEN 4.1 - 5	16 MAY 2024
GEN 4.1 - 6	16 MAY 2024
GEN 4.1 - 7	07 SEP 2023
GEN 4.1 - 8	07 SEP 2023
GEN 4.1 - 9	07 SEP 2023
GEN 4.1 - 10	16 MAY 2024
GEN 4.1 - 11	07 SEP 2023
GEN 4.1 - 12	16 MAY 2024
GEN 4.1 - 13	16 MAY 2024
GEN 4.1 - 14	16 MAY 2024
GEN 4.1 - 15	16 MAY 2024
GEN 4.1 - 16	16 MAY 2024
GEN 4.1 - 17	07 SEP 2023
GEN 4.1 - 18	02 NOV 2023
GEN 4.1 - 19	07 SEP 2023
GEN 4.1 - 20	02 NOV 2023
GEN 4.1 - 21	02 NOV 2023
GEN 4.1 - 22	05 OCT 2023
GEN 4.1 - 23	05 OCT 2023
GEN 4.1 - 24	05 OCT 2023
GEN 4.1 - 25	02 NOV 2023
GEN 4.1 - 26	16 MAY 2024
GEN 4.1 - 27	16 MAY 2024
GEN 4.1 - 28	16 MAY 2024
GEN 4.1 - 29	16 MAY 2024
GEN 4.1 - 30	16 MAY 2024
GEN 4.1 - 31	16 MAY 2024
GEN 4.1 - 32	16 MAY 2024
GEN 4.1 - 33	05 OCT 2023
GEN 4.1 - 34	05 OCT 2023
GEN 4.1 - 35	16 MAY 2024
GEN 4.1 - 36	16 MAY 2024
GEN 4.1 - 37	16 MAY 2024
GEN 4.1 - 38	16 MAY 2024
GEN 4.2 - 1	16 JUN 2022
GEN 4.2 - 2	16 JUN 2022
GEN 4.2 - 3	23 MAR 2023
GEN 4.2 - 4	16 JUN 2022

PART 2 - EN-ROUTE (ENR)

ENR 0.1 - 1	08 MAR 2012
ENR 0.1 - 2	08 MAR 2012
ENR 0.2 - 1	08 MAR 2012
ENR 0.2 - 2	08 MAR 2012
ENR 0.3 - 1	08 MAR 2012
ENR 0.3 - 2	08 MAR 2012
ENR 0.4 - 1	08 MAR 2012
ENR 0.4 - 2	08 MAR 2012
ENR 0.5 - 1	08 MAR 2012
ENR 0.5 - 2	08 MAR 2012
ENR 0.6 - 1	18 APR 2024
ENR 0.6 - 2	18 APR 2024
ENR 0.6 - 3	18 APR 2024
ENR 0.6 - 4	18 APR 2024
ENR 1.1 - 1	22 APR 2021
ENR 1.1 - 2	22 APR 2021
ENR 1.1 - 3	22 APR 2021
ENR 1.1 - 4	22 APR 2021
ENR 1.1 - 5	22 APR 2021
ENR 1.1 - 6	22 APR 2021
ENR 1.1 - 7	15 JUN 2023
ENR 1.1 - 8	15 JUN 2023
ENR 1.2 - 1	26 OCT 2015
ENR 1.2 - 2	26 OCT 2015
ENR 1.2 - 3	26 OCT 2015
ENR 1.2 - 4	08 MAR 2012
ENR 1.3 - 1	19 JUL 2019
ENR 1.3 - 2	19 JUL 2019
ENR 1.3 - 3	07 SEP 2023
ENR 1.3 - 4	01 FEB 2018
ENR 1.4 - 1	10 SEP 2020
ENR 1.4 - 2	13 SEP 2018
ENR 1.5 - 1	21 APR 2022
ENR 1.5 - 2	27 FEB 2020
ENR 1.6 - 1	10 AUG 2023
ENR 1.6 - 2	16 MAY 2024
ENR 1.6 - 3	16 MAY 2024
ENR 1.6 - 4	10 AUG 2023
ENR 1.6 - 5	07 SEP 2023
ENR 1.6 - 6	07 SEP 2023
ENR 1.7 - 1	25 APR 2019
ENR 1.7 - 2	16 MAY 2024
ENR 1.7 - 3	16 MAY 2024
ENR 1.7 - 4	08 MAR 2012
ENR 1.8 - 1	13 JUL 2023
ENR 1.8 - 2	16 JUL 2020
ENR 1.8 - 3	16 JUL 2020
ENR 1.8 - 4	12 SEP 2019
ENR 1.8 - 5	13 SEP 2018
ENR 1.8 - 6	03 JAN 2019
ENR 1.8 - 7	03 JAN 2019
ENR 1.8 - 8	03 JAN 2019
ENR 1.8 - 9	03 JAN 2019

Page	Date	Page	Date
ENR 1.8 - 10	27 FEB 2020	ENR 1.14 - 5	23 FEB 2023
ENR 1.8 - 11	27 FEB 2020	ENR 1.14 - 6	23 FEB 2023
ENR 1.8 - 12	03 JAN 2019	ENR 2.1 - 1	28 DEC 2023
ENR 1.8 - 13	16 JUL 2020	ENR 2.1 - 2	18 APR 2024
ENR 1.8 - 14	03 JAN 2019	ENR 2.1 - 3	18 APR 2024
ENR 1.8 - 15	03 JAN 2019	ENR 2.1 - 4	28 DEC 2023
ENR 1.8 - 16	03 JAN 2019	ENR 2.1 - 5	18 APR 2024
ENR 1.8 - 17	03 JAN 2019	ENR 2.1 - 6	28 DEC 2023
ENR 1.8 - 18	03 JAN 2019	ENR 2.1 - 7	18 APR 2024
ENR 1.8 - 19	03 JAN 2019	ENR 2.1 - 8	18 APR 2024
ENR 1.8 - 20	03 JAN 2019	ENR 2.2 - 1	26 JAN 2023
ENR 1.9 - 1	13 JUL 2023	ENR 2.2 - 2	26 JAN 2023
ENR 1.9 - 2	26 MAR 2020	ENR 2.2 - 3	18 APR 2024
ENR 1.9 - 3	10 SEP 2020	ENR 2.2 - 4	25 JAN 2024
ENR 1.9 - 4	10 SEP 2020	ENR 3.1 - 1	25 JAN 2024
ENR 1.9 - 5	10 SEP 2020	ENR 3.1 - 2	25 JAN 2024
ENR 1.9 - 6	10 SEP 2020	ENR 3.2 - 1	25 JAN 2024
ENR 1.9 - 7	10 SEP 2020	ENR 3.2 - 2	18 APR 2024
ENR 1.9 - 8	15 JUL 2021	ENR 3.2 - 3	25 JAN 2024
ENR 1.9 - 9	28 MAY 2015	ENR 3.2 - 4	18 APR 2024
ENR 1.9 - 10	28 MAY 2015	ENR 3.2 - 5	18 APR 2024
ENR 1.9 - 11	28 MAY 2015	ENR 3.2 - 6	25 JAN 2024
ENR 1.9 - 12	28 MAY 2015	ENR 3.2 - 7	25 JAN 2024
ENR 1.9 - 13	10 SEP 2020	ENR 3.2 - 8	18 APR 2024
ENR 1.9 - 14	10 SEP 2020	ENR 3.2 - 9	25 JAN 2024
ENR 1.9 - 15	10 SEP 2020	ENR 3.2 - 10	18 APR 2024
ENR 1.9 - 16	22 JUN 2017	ENR 3.2 - 11	25 JAN 2024
ENR 1.9 - 17	15 JUL 2021	ENR 3.2 - 12	18 APR 2024
ENR 1.9 - 18	15 JUL 2021	ENR 3.2 - 13	18 APR 2024
ENR 1.9 - 19	28 DEC 2023	ENR 3.2 - 14	25 JAN 2024
ENR 1.9 - 20	16 MAY 2024	ENR 3.2 - 15	25 JAN 2024
ENR 1.9 - 21	16 MAY 2024	ENR 3.2 - 16	25 JAN 2024
ENR 1.9 - 22	28 DEC 2023	ENR 3.2 - 17	18 APR 2024
ENR 1.9 - 23	28 DEC 2023	ENR 3.2 - 18	25 JAN 2024
ENR 1.9 - 24	16 MAY 2024	ENR 3.2 - 19	21 MAR 2024
ENR 1.9 - 25	16 MAY 2024	ENR 3.2 - 20	18 APR 2024
ENR 1.9 - 26	28 DEC 2023	ENR 3.2 - 21	18 APR 2024
ENR 1.10 - 1	16 JUL 2020	ENR 3.2 - 22	21 MAR 2024
ENR 1.10 - 2	15 JUL 2021	ENR 3.2 - 23	21 MAR 2024
ENR 1.10 - 3	26 MAR 2020	ENR 3.2 - 24	18 APR 2024
ENR 1.10 - 4	24 FEB 2022	ENR 3.2 - 25	18 APR 2024
ENR 1.10 - 5	24 FEB 2022	ENR 3.2 - 26	18 APR 2024
ENR 1.10 - 6	24 FEB 2022	ENR 3.2 - 27	25 JAN 2024
ENR 1.10 - 7	24 FEB 2022	ENR 3.2 - 28	25 JAN 2024
ENR 1.10 - 8	24 FEB 2022	ENR 3.2 - 29	18 APR 2024
ENR 1.10 - 9	24 FEB 2022	ENR 3.2 - 30	25 JAN 2024
ENR 1.10 - 10	24 FEB 2022	ENR 3.2 - 31	21 MAR 2024
ENR 1.10 - 11	24 FEB 2022	ENR 3.2 - 32	18 APR 2024
ENR 1.10 - 12	24 FEB 2022	ENR 3.2 - 33	18 APR 2024
ENR 1.10 - 13	24 FEB 2022	ENR 3.2 - 34	18 APR 2024
ENR 1.10 - 14	24 FEB 2022	ENR 3.2 - 35	25 JAN 2024
ENR 1.10 - 15	24 FEB 2022	ENR 3.2 - 36	18 APR 2024
ENR 1.10 - 16	18 APR 2024	ENR 3.2 - 37	25 JAN 2024
ENR 1.10 - 17	18 APR 2024	ENR 3.2 - 38	18 APR 2024
ENR 1.10 - 18	18 APR 2024	ENR 3.2 - 39	21 MAR 2024
ENR 1.10 - 19	18 APR 2024	ENR 3.2 - 40	21 MAR 2024
ENR 1.10 - 20	18 APR 2024	ENR 3.2 - 41	25 JAN 2024
ENR 1.10 - 21	18 APR 2024	ENR 3.2 - 42	25 JAN 2024
ENR 1.10 - 22	01 FEB 2018	ENR 3.3 - 1	25 JAN 2024
ENR 1.11 - 1	07 SEP 2023	ENR 3.3 - 2	25 JAN 2024
ENR 1.11 - 2	23 MAY 2019	ENR 3.4 - 1	25 JAN 2024
ENR 1.12 - 1	03 DEC 2020	ENR 3.4 - 2	08 MAR 2012
ENR 1.12 - 2	08 MAR 2012	ENR 4.1 - 1	22 FEB 2024
ENR 1.12 - 3	08 MAR 2012	ENR 4.1 - 2	22 FEB 2024
ENR 1.12 - 4	08 MAR 2012	ENR 4.2 - 1	08 MAR 2012
ENR 1.13 - 1	30 APR 2015	ENR 4.2 - 2	08 MAR 2012
ENR 1.13 - 2	30 APR 2015	ENR 4.3 - 1	30 MAR 2017
ENR 1.14 - 1	23 FEB 2023	ENR 4.3 - 2	08 MAR 2012
ENR 1.14 - 2	23 FEB 2023	ENR 4.4 - 1	21 MAR 2024
ENR 1.14 - 3	23 FEB 2023	ENR 4.4 - 2	21 MAR 2024
ENR 1.14 - 4	23 FEB 2023	ENR 4.4 - 3	21 MAR 2024

Page	Date
ENR 4.4 - 4	16 MAY 2024
ENR 4.4 - 5	21 MAR 2024
ENR 4.4 - 6	21 MAR 2024
ENR 4.4 - 7	21 MAR 2024
ENR 4.4 - 8	21 MAR 2024
ENR 4.4 - 9	21 MAR 2024
ENR 4.4 - 10	21 MAR 2024
ENR 4.5 - 1	08 MAR 2012
ENR 4.5 - 2	08 MAR 2012
ENR 5.1 - 1	20 APR 2023
ENR 5.1 - 2	18 APR 2024
ENR 5.1 - 3	01 MAR 2018
ENR 5.1 - 4	01 MAR 2018
ENR 5.1 - 5	01 MAR 2018
ENR 5.1 - 6	01 MAR 2018
ENR 5.1 - 7	01 MAR 2018
ENR 5.1 - 8	01 MAR 2018
ENR 5.1 - 9	01 MAR 2018
ENR 5.1 - 10	01 MAR 2018
ENR 5.1 - 11	01 MAR 2018
ENR 5.1 - 12	01 MAR 2018
ENR 5.1 - 13	01 MAR 2018
ENR 5.1 - 14	01 MAR 2018
ENR 5.1 - 15	01 MAR 2018
ENR 5.1 - 16	01 MAR 2018
ENR 5.1 - 17	01 MAR 2018
ENR 5.1 - 18	01 MAR 2018
ENR 5.1 - 19	01 MAR 2018
ENR 5.1 - 20	01 MAR 2018
ENR 5.1 - 21	01 MAR 2018
ENR 5.1 - 22	01 MAR 2018
ENR 5.2 - 1	07 SEP 2023
ENR 5.2 - 2	07 SEP 2023
ENR 5.2 - 3	07 SEP 2023
ENR 5.2 - 4	18 APR 2024
ENR 5.2 - 5	18 APR 2024
ENR 5.2 - 6	16 MAY 2024
ENR 5.2 - 7	16 MAY 2024
ENR 5.2 - 8	16 MAY 2024
ENR 5.2 - 9	16 MAY 2024
ENR 5.2 - 10	16 MAY 2024
ENR 5.2 - 11	16 MAY 2024
ENR 5.2 - 12	16 MAY 2024
ENR 5.2 - 13	16 MAY 2024
ENR 5.2 - 14	16 MAY 2024
ENR 5.2 - 15	16 MAY 2024
ENR 5.2 - 16	16 MAY 2024
ENR 5.2 - 17	16 MAY 2024
ENR 5.2 - 18	16 MAY 2024
ENR 5.2 - 19	16 MAY 2024
ENR 5.2 - 20	16 MAY 2024
ENR 5.2 - 21	16 MAY 2024
ENR 5.2 - 22	16 MAY 2024
ENR 5.2 - 23	16 MAY 2024
ENR 5.2 - 24	16 MAY 2024
ENR 5.2 - 25	16 MAY 2024
ENR 5.2 - 26	16 MAY 2024
ENR 5.2 - 27	16 MAY 2024
ENR 5.2 - 28	16 MAY 2024
ENR 5.2 - 29	16 MAY 2024
ENR 5.2 - 30	16 MAY 2024
ENR 5.2 - 31	16 MAY 2024
ENR 5.2 - 32	16 MAY 2024
ENR 5.2 - 33	16 MAY 2024
ENR 5.2 - 34	16 MAY 2024
ENR 5.2 - 35	16 MAY 2024
ENR 5.2 - 36	16 MAY 2024
ENR 5.2 - 37	16 MAY 2024
ENR 5.2 - 38	16 MAY 2024
ENR 5.2 - 39	16 MAY 2024
ENR 5.2 - 40	16 MAY 2024
ENR 5.2 - 41	16 MAY 2024
ENR 5.2 - 42	16 MAY 2024
ENR 5.2 - 43	16 MAY 2024
ENR 5.2 - 44	16 MAY 2024
ENR 5.2 - 45	16 MAY 2024
ENR 5.2 - 46	16 MAY 2024
ENR 5.2 - 47	16 MAY 2024
ENR 5.2 - 48	16 MAY 2024
ENR 5.2 - 49	16 MAY 2024
ENR 5.2 - 50	16 MAY 2024
ENR 5.2 - 51	16 MAY 2024
ENR 5.2 - 52	16 MAY 2024
ENR 5.2 - 53	16 MAY 2024
ENR 5.2 - 54	16 MAY 2024
ENR 5.2 - 55	16 MAY 2024
ENR 5.2 - 56	16 MAY 2024
ENR 5.3 - 1	06 OCT 2022
ENR 5.3 - 2	08 MAR 2012
ENR 5.4 - 1	16 MAY 2024
ENR 5.4 - 2	16 MAY 2024
ENR 5.4 - 3	16 MAY 2024
ENR 5.4 - 4	16 MAY 2024
ENR 5.5 - 1	30 NOV 2023
ENR 5.5 - 2	07 SEP 2023
ENR 5.5 - 3	07 SEP 2023
ENR 5.5 - 4	07 SEP 2023
ENR 5.5 - 5	30 NOV 2023
ENR 5.5 - 6	07 SEP 2023
ENR 5.6 - 1	07 SEP 2023
ENR 5.6 - 2	15 JUL 2021
ENR 6 - 1	16 MAY 2024
ENR 6 - 2	08 MAR 2012
ENR 6.1 - 1	18 APR 2024
ENR 6.2 - 1	18 APR 2024
ENR 6.3 - 1	18 APR 2024
ENR 6.3 - 2	18 APR 2024
ENR 6.3 - 3	28 DEC 2023
ENR 6.3 - 4	28 DEC 2023
ENR 6.4 - 1	16 MAY 2024
ENR 6.4 - 2	16 MAY 2024
ENR 6.5 - 1	16 MAY 2024
ENR 6.5 - 2	16 MAY 2024
ENR 6.5 - 3	16 MAY 2024
ENR 6.5 - 4	16 MAY 2024
ENR 6.6 - 1	08 MAR 2012
ENR 6.6 - 2	08 MAR 2012
ENR 6.7 - 1	11 AUG 2022
ENR 6.7 - 2	11 AUG 2022
ENR 6.8 - 1	10 AUG 2023
ENR 6.8 - 2	10 AUG 2023
ENR 6.9 - 1	08 MAR 2012
ENR 6.9 - 2	08 MAR 2012
ENR 6.10 - 1	08 MAR 2012
ENR 6.10 - 2	08 MAR 2012
ENR 6.11 - 1	16 MAY 2024
ENR 6.11 - 2	16 MAY 2024
ENR 6.12 - 1	14 JUL 2022
ENR 6.12 - 2	14 JUL 2022
ENR 6.14 - 1	28 DEC 2023
ENR 6.14 - 2	28 DEC 2023
ENR 6.15 - 1	28 DEC 2023
ENR 6.15 - 2	28 DEC 2023

PART 3 - AERODROMES (AD)

AD 0.1 - 1	08 MAR 2012
AD 0.1 - 2	08 MAR 2012
AD 0.2 - 1	08 MAR 2012
AD 0.2 - 2	08 MAR 2012
AD 0.3 - 1	08 MAR 2012

Page	Date
LDOS AD 2 - 13	20 APR 2023
LDOS AD 2 - 14	22 FEB 2024
LDOS AD 2 - 15	16 MAY 2024
LDOS AD 2 - 16	30 NOV 2023
LDOS AD 2.24.1 ADC - 1	02 DEC 2021
LDOS AD 2.24.1 ADC - 2	02 DEC 2021
LDOS AD 2.24.2 APDC - 1	18 APR 2024
LDOS AD 2.24.2 APDC - 2	18 APR 2024
LDOS AD 2.24.4 AOC RWY 11/29 - 1	20 JUN 2019
LDOS AD 2.24.8 SID RWY 11 - 1	18 MAY 2023
LDOS AD 2.24.8 SID RWY 11 - 2	18 MAY 2023
LDOS AD 2.24.8 SID RNAV RWY 11 - 1	18 MAY 2023
LDOS AD 2.24.8 SID RNAV RWY 11 - 2	18 MAY 2023
LDOS AD 2.24.8 SID RWY 29 - 1	18 MAY 2023
LDOS AD 2.24.8 SID RWY 29 - 2	18 MAY 2023
LDOS AD 2.24.8 SID RNAV RWY 29 - 1	18 MAY 2023
LDOS AD 2.24.8 SID RNAV RWY 29 - 2	18 MAY 2023
LDOS AD 2.24.10 STAR RWY 11 - 1	18 MAY 2023
LDOS AD 2.24.10 STAR RWY 11 - 2	18 MAY 2023
LDOS AD 2.24.10 STAR RNAV RWY 11 - 1	18 MAY 2023
LDOS AD 2.24.10 STAR RNAV RWY 11 - 2	18 MAY 2023
LDOS AD 2.24.10 STAR RWY 29 - 1	18 MAY 2023
LDOS AD 2.24.10 STAR RWY 29 - 2	18 MAY 2023
LDOS AD 2.24.10 STAR RNAV RWY 29 - 1	22 FEB 2024
LDOS AD 2.24.10 STAR RNAV RWY 29 - 2	22 FEB 2024
LDOS AD 2.24.11 ATCSMAC - 1	18 APR 2024
LDOS AD 2.24.11 ATCSMAC - 2	18 APR 2024
LDOS AD 2.24.12 IAC L RWY 11 - 1	18 MAY 2023
LDOS AD 2.24.12 IAC L RWY 11 - 2	18 MAY 2023
LDOS AD 2.24.12 IAC ILS or LOC RWY 11 - 1	18 MAY 2023
LDOS AD 2.24.12 IAC ILS or LOC RWY 11 - 2	18 MAY 2023
LDOS AD 2.24.12 IAC NDB RWY 11 - 1	18 MAY 2023
LDOS AD 2.24.12 IAC NDB RWY 11 - 2	18 MAY 2023
LDOS AD 2.24.12 IAC NDB RWY 29 - 1	18 MAY 2023
LDOS AD 2.24.12 IAC NDB RWY 29 - 2	18 MAY 2023
LDOS AD 2.24.12 IAC ILSx or LOCx RWY 29 CAT A&B - 1	18 MAY 2023
LDOS AD 2.24.12 IAC ILSx or LOCx RWY 29 CAT A&B - 2	18 MAY 2023
LDOS AD 2.24.12 IAC ILSy or LOCy RWY 29 - 1	18 MAY 2023
LDOS AD 2.24.12 IAC ILSy or LOCy RWY 29 - 2	18 MAY 2023
LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 - 1	20 APR 2023
LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 - 2	20 APR 2023
LDOS AD 2.24.12 IAC RNP RWY 11 - 1	18 MAY 2023
LDOS AD 2.24.12 IAC RNP RWY 11 - 2	18 MAY 2023
LDOS AD 2.24.12 IAC RNP RWY 11 - 3	18 MAY 2023
LDOS AD 2.24.12 IAC RNP RWY 11 - 4	18 MAY 2023
LDOS AD 2.24.12 IAC RNP-a RWY 29 - 1	22 FEB 2024
LDOS AD 2.24.12 IAC RNP-a RWY 29 - 2	22 FEB 2024
LDOS AD 2.24.13 VOC - 1	28 DEC 2023
LDOS AD 2.24.13 VOC - 2	28 DEC 2023
LDPL AD 2 - 1	30 NOV 2023
LDPL AD 2 - 2	30 NOV 2023
LDPL AD 2 - 3	30 NOV 2023
LDPL AD 2 - 4	30 NOV 2023
LDPL AD 2 - 5	30 DEC 2021
LDPL AD 2 - 6	16 MAY 2024
LDPL AD 2 - 7	30 NOV 2023
LDPL AD 2 - 8	07 SEP 2023
LDPL AD 2 - 9	15 JUN 2023
LDPL AD 2 - 10	15 JUN 2023
LDPL AD 2 - 11	15 JUN 2023
LDPL AD 2 - 12	18 MAY 2023
LDPL AD 2 - 13	20 MAY 2021
LDPL AD 2 - 14	20 MAY 2021
LDPL AD 2 - 15	23 APR 2020
LDPL AD 2 - 16	23 APR 2020
LDPL AD 2 - 17	15 JUN 2023
LDPL AD 2 - 18	28 DEC 2023
LDPL AD 2.24.1 ADC - 1	02 DEC 2021
LDPL AD 2.24.1 ADC - 2	02 DEC 2021
LDPL AD 2.24.2 APDC - 1	14 JUL 2022
LDPL AD 2.24.2 APDC - 2	14 JUL 2022
LDPL AD 2.24.4 AOC RWY 09/27 - 1	28 MAR 2019
LDPL AD 2.24.8 SID RWY 09 - 1	15 JUN 2023
LDPL AD 2.24.8 SID RWY 09 - 2	15 JUN 2023
LDPL AD 2.24.8 SID RNAV RWY 09 - 1	15 JUN 2023
LDPL AD 2.24.8 SID RNAV RWY 09 - 2	15 JUN 2023
LDPL AD 2.24.8 SID RNAV RWY 09 - 3	15 JUN 2023
LDPL AD 2.24.8 SID RNAV RWY 09 - 4	15 JUN 2023
LDPL AD 2.24.8 SID RWY 27 - 1	18 APR 2024
LDPL AD 2.24.8 SID RWY 27 - 2	18 APR 2024
LDPL AD 2.24.8 SID RNAV RWY 27 - 1	18 APR 2024
LDPL AD 2.24.8 SID RNAV RWY 27 - 2	18 APR 2024
LDPL AD 2.24.8 SID RNAV RWY 27 - 3	18 APR 2024
LDPL AD 2.24.8 SID RNAV RWY 27 - 4	18 APR 2024
LDPL AD 2.24.10 STAR RWY 09 - 1	15 JUN 2023
LDPL AD 2.24.10 STAR RWY 09 - 2	15 JUN 2023
LDPL AD 2.24.10 STAR RWY 27 - 1	18 APR 2024
LDPL AD 2.24.10 STAR RWY 27 - 2	18 APR 2024
LDPL AD 2.24.10 STAR RNAV RWY 09 - 1	15 JUN 2023
LDPL AD 2.24.10 STAR RNAV RWY 09 - 2	15 JUN 2023
LDPL AD 2.24.10 STAR RNAV RWY 09 - 3	15 JUN 2023
LDPL AD 2.24.10 STAR RNAV RWY 09 - 4	15 JUN 2023
LDPL AD 2.24.10 STAR RNAV RWY 27 - 1	18 APR 2024
LDPL AD 2.24.10 STAR RNAV RWY 27 - 2	18 APR 2024
LDPL AD 2.24.10 STAR RNAV RWY 27 - 3	18 APR 2024
LDPL AD 2.24.10 STAR RNAV RWY 27 - 4	18 APR 2024
LDPL AD 2.24.11 ATCSMAC - 1	18 APR 2024
LDPL AD 2.24.11 ATCSMAC - 2	18 APR 2024
LDPL AD 2.24.12 IAC VOR RWY 09 - 1	15 JUN 2023
LDPL AD 2.24.12 IAC VOR RWY 09 - 2	15 JUN 2023
LDPL AD 2.24.12 IAC VOR RWY 27 - 1	15 JUN 2023
LDPL AD 2.24.12 IAC VOR RWY 27 - 2	15 JUN 2023
LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 - 1	15 JUN 2023
LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 - 2	15 JUN 2023
LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 - 1	15 JUN 2023
LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 - 2	15 JUN 2023
LDPL AD 2.24.12 IAC RNP RWY 09 - 1	11 AUG 2022
LDPL AD 2.24.12 IAC RNP RWY 09 - 2	11 AUG 2022
LDPL AD 2.24.12 IAC RNP RWY 09 - 3	11 AUG 2022
LDPL AD 2.24.12 IAC RNP RWY 09 - 4	11 AUG 2022
LDPL AD 2.24.12 IAC RNP RWY 27 - 1	15 JUN 2023
LDPL AD 2.24.12 IAC RNP RWY 27 - 2	15 JUN 2023
LDPL AD 2.24.12 IAC RNP RWY 27 - 3	15 JUN 2023
LDPL AD 2.24.12 IAC RNP RWY 27 - 4	15 JUN 2023
LDPL AD 2.24.13 VOC - 1	18 APR 2024
LDPL AD 2.24.13 VOC - 2	18 APR 2024
LDPL AD 2.24.14 BC - 1	08 MAR 2012
LDPL AD 2.24.14 BC - 2	08 MAR 2012
LDRI AD 2 - 1	30 NOV 2023
LDRI AD 2 - 2	16 MAY 2024
LDRI AD 2 - 3	30 NOV 2023
LDRI AD 2 - 4	16 MAY 2024
LDRI AD 2 - 5	30 NOV 2023
LDRI AD 2 - 6	30 NOV 2023
LDRI AD 2 - 7	28 DEC 2023
LDRI AD 2 - 8	13 JUL 2023
LDRI AD 2 - 9	28 DEC 2023
LDRI AD 2 - 10	20 APR 2023
LDRI AD 2 - 11	20 APR 2023
LDRI AD 2 - 12	20 APR 2023
LDRI AD 2 - 13	10 AUG 2023
LDRI AD 2 - 14	30 NOV 2023
LDRI AD 2.24.1 ADC - 1	13 AUG 2020
LDRI AD 2.24.1 ADC - 2	13 AUG 2020
LDRI AD 2.24.2 APDC - 1	03 NOV 2022
LDRI AD 2.24.2 APDC - 2	03 NOV 2022
LDRI AD 2.24.4 AOC RWY 14/32 - 1	28 MAR 2019
LDRI AD 2.24.8 SID RWY 14 - 1	18 APR 2024
LDRI AD 2.24.8 SID RWY 14 - 2	18 APR 2024
LDRI AD 2.24.8 SID RNAV RWY 14 - 1	18 APR 2024
LDRI AD 2.24.8 SID RNAV RWY 14 - 2	18 APR 2024
LDRI AD 2.24.8 SID RNAV RWY 14 - 3	18 APR 2024
LDRI AD 2.24.8 SID RNAV RWY 14 - 4	18 APR 2024
LDRI AD 2.24.8 SID RWY 32 - 1	18 APR 2024
LDRI AD 2.24.8 SID RWY 32 - 2	18 APR 2024
LDRI AD 2.24.8 SID RNAV RWY 32 - 1	18 APR 2024
LDRI AD 2.24.8 SID RNAV RWY 32 - 2	18 APR 2024
LDRI AD 2.24.8 SID RNAV RWY 32 - 3	18 APR 2024
LDRI AD 2.24.8 SID RNAV RWY 32 - 4	18 APR 2024
LDRI AD 2.24.10 STAR RWY 14/32 - 1	18 APR 2024
LDRI AD 2.24.10 STAR RWY 14/32 - 2	18 APR 2024
LDRI AD 2.24.10 STAR RNAV RWY 14 - 1	18 APR 2024
LDRI AD 2.24.10 STAR RNAV RWY 14 - 2	18 APR 2024
LDRI AD 2.24.10 STAR RNAV RWY 32 - 1	20 APR 2023
LDRI AD 2.24.10 STAR RNAV RWY 32 - 2	20 APR 2023
LDRI AD 2.24.10 STAR RNAV RWY 32 - 3	20 APR 2023
LDRI AD 2.24.10 STAR RNAV RWY 32 - 4	20 APR 2023
LDRI AD 2.24.12 IAC VOR RWY 14 - 1	20 APR 2023
LDRI AD 2.24.12 IAC VOR RWY 14 - 2	20 APR 2023
LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 - 1	10 AUG 2023
LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 - 2	10 AUG 2023
LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 1	10 AUG 2023
LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 2	10 AUG 2023
LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 3	10 AUG 2023

Page	Date	Page	Date
LDZD AD 2.24.13 VOC - 2	18 APR 2024		

THIS PAGE INTENTIONALLY LEFT BLANK

AIP page(s) affected	Amendment text	Introduced by AIP AMDT number:
1	2	3
LDSB AD 2.24.8 SID RWY 03 CAT A/B & C -1 LDSB AD 2.24.8 SID RWY 21 CAT A/B & C -1 LDSB AD 2.24.8 SID RNAV RWY 03 -1 LDSB AD 2.24.8 SID RNAV RWY 21 -1 LDSB AD 2.24.10 STAR RWY 03/21 CAT A/B & C -1 LDSB AD 2.24.10 STAR RNAV RWY 03/21 -1 LDSB AD 2.24.12 IAC NDB RWY 03 -1 LDSB AD 2.24.12 IAC VOR-a RWY 03/21 -1 LDSB AD 2.24.12 IAC NDB RWY 21 -1 LDSB AD 2.24.12 IAC NDB-a RWY 21 -1 LDSB AD 2.24.12 IAC RNP RWY 03 -1 LDSB AD 2.24.12 IAC RNP RWY 21 -1 LDSP AD 2.24.12 IAC NDB RWY 05 -1 LDSP AD 2.24.12 IAC ILS y or LOC y RWY 05 -1 LDSP AD 2.24.12 IAC ILS z or LOC z RWY 05 -1 LDSP AD 2.24.12 IAC RNP y RWY 05 -1 LDSP AD 2.24.12 IAC RNP z (LPV only) RWY 05 -1 LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 -1 LDSP AD 2.24.12 IAC VOR-b RWY 23 -1	RMZ Brac added (REF ENR 2.2.1.2 for lateral and vertical limits and class of airspace).	AIRAC AIP AMDT 013/2023 (25 JAN 2024)
LDPL AD 2.24.8 SID RWY 09 -1 LDPL AD 2.24.8 SID RNAV RWY 09 -1 LDPL AD 2.24.10 STAR RWY 09 -1 LDPL AD 2.24.10 STAR RNAV RWY 09 -1 LDPL AD 2.24.12 IAC VOR RWY 09 -1 LDPL AD 2.24.12 IAC VOR RWY 27 -1 LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 -1 LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 -1 LDPL AD 2.24.12 IAC RNP RWY 27 -1 LDRI AD 2.24.10 STAR RNAV RWY 32 -1 LDRI AD 2.24.12 IAC VOR RWY 14 -1 LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 -1 LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 -1 LDRI AD 2.24.12 IAC RNP RWY 14 -1 LDRI AD 2.24.12 IAC RNP RWY 32 -1 LDRI AD 2.24.12 IAC VOR RWY 32 -1	RMZ Rijeka added (REF ENR 2.2.1.2 for lateral and vertical limits and class of airspace).	AIRAC AIP AMDT 013/2023 (25 JAN 2024)

AIP page(s) affected	Amendment text	Introduced by AIP AMDT number:
1	2	3
LDPL AD 2.24.8 SID RWY 09 -1 LDPL AD 2.24.8 SID RNAV RWY 09 -1 LDPL AD 2.24.10 STAR RWY 09 -1 LDPL AD 2.24.10 STAR RNAV RWY 09 -1 LDPL AD 2.24.12 IAC VOR RWY 09 -1 LDPL AD 2.24.12 IAC VOR RWY 27 -1 LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 -1 LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 -1 LDPL AD 2.24.12 IAC RNP RWY 27 -1 LDRI AD 2.24.10 STAR RNAV RWY 32 -1	RMZ Losinj added (REF ENR 2.2.1.2 for lateral and vertical limits and class of airspace).	AIRAC AIP AMDT 013/2023 (25 JAN 2024)
LDSP AD 2.24.4 AOC RWY 05 -1	RWY 05 OBST ID 14 is replaced with OBST ID 14a (COORD - 433251.59N, 0161848.49E; ELEV - 28.0 M (91.9 FT); Type - ANTENNA) and OBST ID 14b (COORD - 433251.18N, 0161848.97E; ELEV - 28.0 M (91.9 FT); Type - ANTENNA), REF LDSP AD 2.10.	AIRAC AIP AMDT 002/2024 (21 MAR 2024)
LDRI AD 2.24.10 STAR RNAV RWY 32 -1 LDRI AD 2.24.12 IAC VOR RWY 14 -1 LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 -1 LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 -1 LDRI AD 2.24.12 IAC RNP RWY 14 -1 LDRI AD 2.24.12 IAC RNP RWY 32 -1 LDRI AD 2.24.12 IAC VOR RWY 32 -1	TMA PULA lateral and vertical limits changed (see ENR 2.1)	AIRAC AIP AMDT 003/2024 (18 APR 2024)
LDLO AD 2.24.8 SID RWY 02 -1 LDLO AD 2.24.8 SID RNAV RWY 02 CAT A&B -1 LDLO AD 2.24.8 SID RWY 20 -1 LDLO AD 2.24.8 SID RNAV RWY 20 CAT A&B -1 LDLO AD 2.24.10 STAR RWY 02/20 -1 LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A&B -1 LDLO AD 2.24.12 IAC VOR RWY 02 CAT A&B -1 LDLO AD 2.24.12 IAC RNP RWY 02 -1 LDLO AD 2.24.12 IAC RNP RWY 20 (LPV&LNAV/VNAV only) -1 LDLO AD 2.24.13 VOC -1 LDPL AD 2.24.8 SID RWY 09 -1 LDPL AD 2.24.8 SID RNAV RWY 09 -1 LDPL AD 2.24.10 STAR RWY 09 - 1 LDPL AD 2.24.10 STAR RNAV RWY 09 - 1 LDPL AD 2.24.12 IAC VOR RWY 09 -1 LDPL AD 2.24.12 IAC VOR RWY 27 -1 LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 -1 LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 -1 LDPL AD 2.24.12 IAC RNP RWY 09 -1 LDPL AD 2.24.12 IAC RNP RWY 27 -1	TMA PULA vertical limits changed (see ENR 2.1)	AIRAC AIP AMDT 003/2024 (18 APR 2024)

AIP page(s) affected	Amendment text	Introduced by AIP AMDT number:
1	2	3
LDOS AD 2.24.8 SID RWY 11 -1 LDOS AD 2.24.8 SID RWY 29 -1 LDOS AD 2.24.8 SID RNAV RWY 11 -1 LDOS AD 2.24.8 SID RNAV RWY 29 -1 LDOS AD 2.24.10 STAR RWY 11 -1 LDOS AD 2.24.10 STAR RNAV RWY 11 -1 LDOS AD 2.24.10 STAR RWY 29 -1 LDOS AD 2.24.10 STAR RNAV RWY 29 -1 LDOS AD 2.24.12 IAC L RWY 11 -1 LDOS AD 2.24.12 IAC ILS or LOC RWY 11 -1 LDOS AD 2.24.12 IAC NDB RWY 11 -1 LDOS AD 2.24.12 IAC NDB RWY 29 -1 LDOS AD 2.24.12 IAC ILS x or LOC x RWY 29 CAT A&B -1 LDOS AD 2.24.12 IAC ILS y or LOC y RWY 29 -1 LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 -1 LDOS AD 2.24.12 IAC RNP RWY 11 -1 LDOS AD 2.24.12 IAC RNP-a RWY 29 -1 LDOS AD 2.24.13 VOC	TMA OSIJEK lateral and vertical limits changed (see ENR 2.1)	AIRAC AIP AMDT 003/2024 (18 APR 2024)
LDLO AD 2.24.8 SID RNAV RWY 02 CAT A&B -1 LDOS AD 2.24.8 SID RWY 11 -1 LDOS AD 2.24.8 SID RWY 29 -1 LDOS AD 2.24.8 SID RNAV RWY 11 -1 LDOS AD 2.24.8 SID RNAV RWY 29 -1 LDOS AD 2.24.10 STAR RWY 11 -1 LDOS AD 2.24.10 STAR RNAV RWY 11 -1 LDOS AD 2.24.10 STAR RWY 29 -1 LDOS AD 2.24.10 STAR RNAV RWY 29 -1 LDOS AD 2.24.12 IAC L RWY 11 -1 LDOS AD 2.24.12 IAC ILS or LOC RWY 11 -1 LDOS AD 2.24.12 IAC NDB RWY 11 -1 LDOS AD 2.24.12 IAC RNP RWY 11 -1 LDPL AD 2.24.8 SID RNAV RWY 09 -1 LDPL AD 2.24.10 STAR RWY 09 - 1	Some LDTRs, LDTSs and danger areas over high seas have been established, and some LDTRs, LDTSs and danger areas over high seas have been withdrawn. For comprehensive list of airspaces please see chapter ENR 5.2 Military exercise and training areas and air defence identification zone (ADIZ) and ENR 6.5-1 chart Military Exercise and Training areas, TRA and TSA - Index Chart	AIRAC AIP AMDT 003/2024 (18 APR 2024)

I

AIP page(s) affected	Amendment text	Introduced by AIP AMDT number:
1	2	3
LDOS AD 2.24.8 SID RWY 11 -1 LDOS AD 2.24.8 SID RWY 29 -1 LDOS AD 2.24.8 SID RNAV RWY 11 -1 LDOS AD 2.24.8 SID RNAV RWY 29 -1 LDOS AD 2.24.10 STAR RWY 11 -1 LDOS AD 2.24.10 STAR RNAV RWY 11 -1 LDOS AD 2.24.10 STAR RWY 29 -1 LDOS AD 2.24.10 STAR RNAV RWY 29 -1 LDOS AD 2.24.12 IAC L RWY 11 -1 LDOS AD 2.24.12 IAC ILS or LOC RWY 11 -1 LDOS AD 2.24.12 IAC NDB RWY 11 -1 LDOS AD 2.24.12 IAC NDB RWY 29 -1 LDOS AD 2.24.12 IAC ILS x or LOC x RWY 29 CAT A&B -1 LDOS AD 2.24.12 IAC ILS y or LOC y RWY 29 -1 LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 -1 LDOS AD 2.24.12 IAC RNP RWY 11 -1 LDOS AD 2.24.12 IAC RNP-a RWY 29 -1 LDOS AD 2.24.13 VOC	Osijek APP/TWR FREQ withdrawn: PRI: 118.800 MHZ ALTN: 120.150 MHZ New Osijek APP/TWR FREQ: PRI: 128.350 MHZ ALTN: 125.850 MHZ	AIRAC AIP AMDT 003/2024 (18 APR 2024)
LDOS AD 2.24.1 ADC -1	LDOS TWR PRI FREQ changed to 128.350 MHZ.	AIRAC AIP AMDT 003/2024 (18 APR 2024)
LDZD AD 2.24.11 ATCSMAC - 1 LDZD AD 2.24.13 VOC - 1	25 Air navigation obstacles erected, type windmill (designation group VE ZD2P and VE ZD3P) - see AIP ENR 5.4.	AIRAC AIP AMDT 004/2024 (16 MAY 2024)

	frequency direction-finding stations (*at the same location*)
MHZ	Megahertz
MID	Mid-point (*related to RVR*)
MIFG	Shallow fog
MIL	Military
MIN	Minutes
MIS	Missing... (*transmission identification*) (*to be used in AFS as a procedure signal*)
MKR	Marker radio beacon
MLS	Microwave landing system ‡
MM	Middle marker
MNH	Middle latitudes northern hemisphere
MNM	Minimum
MNPS	Minimum navigation performance specifications
MNT	Monitor *or* monitoring *or* monitored
MNTN	Maintain
MOA	Military operating area
MOC	Minimum obstacle clearance (required)
MOCA	Minimum obstacle clearance altitude
MOD	Moderate (*used to indicate the intensity of weather phenomena, interference or static reports, e.g. MODRA = moderate rain*)
MON	Above mountains
MON	Monday
MOPS	Minimum operational performance standards †
MOTNE	Meteorological Operational Telecommunications Network Europe
MOV	Move *or* moving *or* movement
MPS	Metres per second
MRA	Minimum reception altitude
MRG	Medium range
MRP	ATS/MET reporting point
MS	Minus
MSA	Minimum sector altitude
MSAW	Minimum safe altitude warning
MSG	Message
MSH	Middle latitudes southern hemisphere
MSL	Mean sea level
MSR	Message... (*transmission identification*) has been misrouted (*to be used in AFS as a procedure signal*)
MSSR	Monopulse secondary surveillance radar
MT	Mountain
*MTOM	Maximum take-off mass
*MTOW	Maximum take-off weight
MTU	Metric units
MTW	Mountain waves
MVDF	Medium and very high frequency direction-finding stations (*at the same location*)
MWO	Meteorological watch office
MX	Mixed type of ice formation (*white and clear*)

N

N	No distinct tendency (*in RVR during previous 10 minutes*)
N	North *or* northern latitude
NADP	Noise abatement departure procedure
NASC	National AIS system centre †
NAT	North Atlantic
NAV	Navigation
NB	Northbound
NBFR	Not before
NC	No change
NCD	No cloud detected (*used in automated METAR/SPECI*)
NDB	Non-directional radio beacon ‡
NDV	No directional variations available (*used in automated METAR/SPECI*)
NE	North-east
NEB	North-eastbound
NEG	No *or* negative *or* permission not granted *or* that is not correct
NGT	Night
NIL	None *or* I have nothing to send to you†
NM	Nautical miles
NML	Normal
NNE	North-north-east
NNW	North-north-west
NO	No (negative) (*to be used in AFS as a procedure signal*)
NOF	International NOTAM office
*NONFUA	Non-flexible use of airspace
NOSIG	No significant change (*used in trend-type landing forecast*) †
NOTAM	A notice distributed by means of telecommunication containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations †
NOV	November
NPA	Non-precision approach
*NPZ	No Planning Zone
NR	Number
NRH	No reply heard
NS	Nimbostratus
NSC	Nil significant cloud
NSE	Navigation system error
NSW	Nil significant weather
NTL	National
NTZ	No transgression zone
*NUP	National Airspace Use Plan
NW	North-west
NWB	North-westbound
NXT	Next

O

OAC	Oceanic area control centre
OAS	Obstacle assessment surface
OBS	Observe *or* observed *or* observation
OBSC	Obscure *or* obscured *or* obscuring
OBST	Obstacle

OCA	Obstacle clearance altitude
OCA	Oceanic control area
OCC	Occulting (light)
OCH	Obstacle clearance height
OCNL	Occasional *or* occasionally
OCS	Obstacle clearance surface
OCT	October
OFZ	Obstacle free zone
OGN	Originate (*to be used in AFS as a procedure signal*)
OHD	Overhead
OIS	Obstacle identification surface
OK	We agree *or* It is correct (*to be used in AFS as a procedure signal*)
OM	Outer marker
OPA	Opaque, white type of ice formation
OPC	Control indicated is operational control
OPMET	Operational meteorological (*information*) †
OPN	Open *or* opening *or* opened
OPR	Operator *or* operate *or* operative *or* operating *or* operational
OPS	Operations †
O/R	On request
ORD	Order
OSV	Ocean station vessel
OTP	On top
OTS	Organized track system
OUBD	Outbound
OVC	Overcast

P

P...	Maximum value of wind speed or runway visual range (*followed by figures in METAR/SPECI and TAF*)
P...	Prohibited area (*followed by identification*)
PA	Precision approach
PALS	Precision approach lighting system (*specify category*)
PANS	Procedures for air navigation services
PAPI	Precision approach path indicator †
PAR	Precision approach radar ‡
*PAR	Parallel taxiway
PARL	Parallel
PATC...	Precision approach terrain chart (*followed by name/title*)
PAX	Passenger(s)
*PBN	Performance-based navigation
PCD	Proceed *or* proceeding
PCL	Pilot-controlled lighting
PCN	Pavement classification number
PDC	Pre-departure clearance ‡
PDG	Procedure design gradient
PER	Performance
PERM	Permanent
PIB	Pre-flight information bulletin
PJE	Parachute jumping exercise
PL	Ice pellets
PLA	Practice low approach
PLN	Flight plan
PLVL	Present level
PN	Prior notice required
PNR	Point of no return
PO	Dust/sand whirls (dust devils)
POB	Persons on board
POSS	Possible
PPI	Plan position indicator
PPR	Prior permission required
PPSN	Present position
PRFG	Aerodrome partially covered by fog
PRI	Primary
PRKG	Parking
PROB	Probability †
PROC	Procedure
PROV	Provisional
PRP	Point-in-space reference point
PS	Plus
PSG	Passing
PSN	Position
PSP	Pierced steel plank
PSR	Primary surveillance radar
PSYS	Pressure system(s)
PTN	Procedure turn
PTS	Polar track structure
PWR	Power

Q

QDM	Magnetic heading (*zero wind*) ‡
QDR	Magnetic bearing
QFE	Atmospheric pressure at aerodrome elevation (*or at runway threshold); altimeter sub-scale setting to read a hight of zero when on the ground* ‡
QFU	Magnetic orientation of runway
QGE	What is my distance to your station? *or* Your distance to my station is (*distance figures and units*) (*to be used in radiotelegraphy as a Q Code*)
QJH	Shall I run my test tape/a test sentence? *or* Run your test tape/a test sentence (t*o be used in AFS as a Q Code*)
QNH	Atmospheric pressure at mean see level determined for standard atmosphere; Altimeter sub-scale setting to obtain elevation when on the ground ‡
QSP	Will you relay to...free of charge? *or* I will relay to...free of charge (*to be used in AFS as a Q code*)
QTA	Shall I cancel channel sequence number...? *or* Cancel channel sequence number... (*to be used in AFS as a Q Code*)
QTE	True bearing
QUAD	Quadrant

R

R	Right (*preceded by runway designation number to identify a parallel runway*)
R	Red
R	Received (*acknowledgement of*

	receipt) (*to be used in AFS as a procedure signal*)
R...	Restricted area (*followed by identification*)
R...	Runway (*followed by figures in METAR/SPECI*)
*R	Radial (*followed by magnetic bearing*)
RA	Rain
RA	Resolution advisory
RAC	Rules of the air and air traffic services
*RAD	Route availability document
*RAFC	Regional area forecast centre
RAG	Ragged
RAG	Runway arresting gear
RAI	Runway alignment indicator
RAIM	Receiver autonomous integrity monitoring †
RASC	Regional AIS system centre †
RASS	Remote altimeter setting source
RB	Rescue boat
RCA	Reach cruising altitude
*RCAM	Runway condition assessment matrix
RCC	Rescue coordination centre
RCF	Radiocommunication failure (*message type designator*)
RCH	Reach or reaching
RCL	Runway centre line
RCLL	Runway centre line light(s)
RCLR	Recleared
RCP	Required communication performance ‡
*RCR	Runway condition report
RDH	Reference datum height (*for ILS*)
RDL	Radial
RDO	Radio
RE	Recent (*used to qualify weather phenomena, e.g. RERA = recent rain*)
REC	Receive *or* receiver
REDL	Runway edge light(s)
REF	Reference to *or* refer to
REG	Registration
RENL	Runway end light(s)
REP	Report *or* reporting *or* reporting point
REQ	Request *or* requested
RERTE	Re-route
RESA	Runway end safety area
RF	Constant radius arc to a fix
RG	Range (*lights*)
RHC	Right-hand circuit
RIF	Reclearance in flight
RIME	Rime (*used in aerodrome warnings*) †
RITE	Right (*direction of turn*)
RL	Report leaving
RLA	Relay to
RLCE	Request level change en route
RLLS	Runway lead-in lighting system
RLNA	Request level not available
RMK	Remark
RNAV	(*to be pronounced "AR-NAV"*) Area navigation †
RNG	Radio range
RNP	Required navigation performance ‡
ROBEX	Regional OPMET bulletin exchange (*scheme*) †
ROC	Rate of climb
ROD	Rate of descent
ROFOR	Route forecast (*in meteorological code*)
RON	Receiving only
RPI	Radar position indicator ‡
RPLC	Replace or replaced
RPS	Radar position symbol
RPT	Repeat *or* I repeat (*to be used in AFS as a procedure signal*)
RQ	Request (*to be used in AFS as a procedure signal*)
RQMNTS	Requirements
RQP	Request flight plan (*message type designator*)
RQS	Request supplementary flight plan (*message type designator*)
RR	Report reaching
RRA	(*or RRB, RRC... etc., in sequence*) Delayed meteorological message (*message type designator*)
RSC	Rescue sub-centre
RSCD	Runway surface condition
RSP	Responder beacon
RSR	En-route surveillance radar
RTD	Delayed (*used to indicate delayed meteorological message; message type designator*)
RTE	Route
RTF	Radiotelephone
RTG	Radiotelegraph
RTHL	Runway threshold light(s)
RTN	Return *or* returned or returning
RTODAH	Rejected take-off distance available, helicopter
RTS	Return to service
RTT	Radioteletypewriter
RTZL	Runway touchdown zone light(s)
RUT	Standard regional route transmitting frequencies
RV	Rescue vessel
RVR	Runway visual range ‡
RVSM	Reduced vertical separation minimum (300 m (1 000 ft)) between FL 290 and FL 410 ‡
RWY	Runway
*RWYCC	Runway condition code

S

S	South *or* southern latitude
S...	State of the sea (*followed by figures in METAR/SPECI*)
SA	Sand
SALS	Simple approach lighting system
SAN	Sanitary
SAP	As soon as possible
SAR	Search and rescue
SARPS	Standards and Recommended Practices [ICAO]
SAT	Saturday
SATCOM	Satellite communication †
SB	Southbound
SBAS	(*to be pronounced "ESS-BAS"*)

	Satellite-based augmentation system†
SC	Stratocumulus
SCT	Scattered
SD	Standard deviation
SDBY	Stand by
SDF	Step down fix
SE	South-east
SEA	Sea (*used in connection with sea-surface temperature and state of the sea*)
SEB	South-eastbound
SEC	Seconds
SECN	Section
*SECSI	South East Common Sky Initiative
*SECSI FRA	South East Common Sky Initiative Free Route Airspace
SECT	Sector
SELCAL	Selective calling system †
SEP	September
SER	Service *or* servicing *or* served
SEV	Severe (*used e.g. to qualify icing and turbulence reports*)
SFC	Surface
SG	Snow grains
SGL	Signal
SH...	Shower (*followed by RA=rain, SN=snow, PL=ice pellets, GR=hail, GS=small hail and/or snow pellets or combinations thereof, e.g. SHRASN=showers of rain and snow*)
SHF	Super high frequency [3 000 to 30 000 MHz]
SID	Standard instrument departure †
SIF	Selective identification feature
SIG	Significant
SIGMET	Information concerning en-route weather phenomena which may affect the safety of aircraft operations †
*SIGWX	Significant weather
SIMUL	Simultaneous *or* simultaneously
SIWL	Single isolated wheel load
SKC	Sky clear
SKED	Schedule *or* scheduled
SLP	Speed limiting point
SLW	Slow
SMC	Surface movement control
SMR	Surface movement radar
SN	Snow
SNOCLO	Aerodrome closed due to snow (*used in METAR/SPECI*)
SNOWTAM	Special series NOTAM notifying the presence or removal of hazardous conditions due to snow, ice, slush or standing water associated with snow, slush and ice on the movement area, by means of a specific format †
SOC	Start of climb
*SPEC	Specification
SPECI	Aerodrome special meteorological report (*in meteorological code*) †
SPECIAL	Local special meteorological report (*in abbreviated plain language*) †
SPI	Special position indicator
SPL	Supplementary flight plan (*message type designator*)
SPOC	SAR point of contact
SPOT	Spot wind †
SQ	Squall
SQL	Squall line
SR	Sunrise
SRA	Surveillance radar approach
SRE	Surveillance radar element of precision approach radar system
SRG	Short range
SRR	Search and rescue region
SRY	Secondary
SS	Sandstorm
SS	Sunset
SSB	Single sideband
SSE	South-south-east
SSR	Secondary surveillance radar ‡
SST	Supersonic transport
SSW	South-south-west
ST	Stratus
STA	Straight-in approach
STAR	Standard instrument arrival †
STD	Standard
STF	Stratiform
STN	Station
STNR	Stationary
STOL	Short take-off and landing
STS	Status
*STUB	Stub taxiway
STWL	Stopway light(s)
SUBJ	Subject to
SUN	Sunday
SUP	Supplement (*AIP Supplement*)
SUPPS	Regional supplementary procedures
SVC	Service message
SVCBL	Serviceable
SW	South-west
SWB	South-westbound
SWX	Space weather
SWXC	Space weather centre
SWY	Stopway

T

T	Temperature
TA	Traffic advisory
TA	Transition altitude
TAA	Terminal arrival altitude
TACAN	UHF tactical air navigation aid †
TAF	Aerodrome forecast (in meteorological code) †
TA/H	Turn at an altitude/height
TAIL	Tail wind †
TAR	Terminal area surveillance radar
T-AROUND*	Turn around taxiway
TAS	True airspeed
TAX	Taxiing *or* taxi
TC	Tropical cyclone
TCAC	Tropical cyclone advisory centre
*TCH	Threshold crossing height
TCU	Towering cumulus

TDO	Tornado
TDZ	Touchdown zone
TECR	Technical reason
TEL	Telephone
TEMPO	Temporary *or* temporarily †
TF	Track to fix
TFC	Traffic
TGL	Touch-and-go landing
*TGL	Temporary Guidance Leaflet
TGS	Taxiing guidance system
THR	Threshold
THRU	Through
THU	Thursday
TIBA	Traffic information broadcast by aircraft †
TIL	Until †
TIP	Until past... (*place*)
TKOF	Take-off
TL...	Till (*followed by time by which weather change is forecast to end*)
TLOF	Touchdown and lift-off area
TMA	Terminal control area ‡
TN...	Minimum temperature (*followed by figures in TAF*)
TNA	Turn altitude
TNH	Turn height
TO...	To... (place)
TOC	Top of climb
TODA	Take-off distance available
TODAH	Take-off distance available, helicopter
TOP	Cloud top †
TORA	Take-off run available
TP	Turning point
TR	Track
TRA	Temporary reserved airspace
*TRA	Temporary reserved area
TRANS	Transmits *or* transmitter
TREND	Trend forecast †
TRL	Transition level
TROP	Tropopause
TS	Thunderstorm (*in aerodrome reports and forecasts, TS used alone means thunder heard but no precipitation at the aerodrome*)
TS...	Thunderstorm (*followed by RA=rain, SN=snow, PL=ice pellets, GR=hail, GS=small hail and/or snow pellets or combinations thereof, e.g. TSRASN=thunderstorm with rain and snow*)
*TSA	Temporary segregated area
TSUNAMI	Tsunami (*used in aerodrome warnings*) †
TT	Teletypewriter
TUE	Tuesday
TURB	Turbulence
T-VASIS	(*to be pronounced "TEE-VASIS"*) T visual approach slope indicator system †
TVOR	Terminal VOR
TWR	Aerodrome control tower *or* aerodrome control
TWY	Taxiway
TWYL	Taxiway-link
TX...	Maximum temperature (*followed by figures in TAF*)
TXT	Text (*when the abbreviation is used to request a repetition, the question mark (IMI) precedes the abbreviation, e.g. IMI TXT*) (*to be used in AFS as a procedure signal*)
TYP	Type of aircraft
TYPH	Typhoon

U

U	Upward (*tendency in RVR during previous 10 minutes*)
UAB...	Until advised by ...
UAC	Upper area control centre
*UAG	UAS Approved Geographical Zone
UAR	Upper air route
UAS	Unmanned aircraft system
UDF	Ultra high frequency direction-finding station
UFN	Until further notice
UHDT	Unable higher due traffic
UHF	Ultra high frequency [300 to 3 000 MHz] ‡
UIC	Upper information centre
UIR	Upper flight information region ‡
*ULG	UAS Limited Geographical Zone
ULR	Ultra long range
UNA	Unable
UNAP	Unable to approve
UNL	Unlimited
UNREL	Unreliable
UP	Unidentified precipitation (*used in automated METAR/SPECI*)
*URG	UAS Restricted Geographical Zone
U/S	Unserviceable
*USSP	U-Space Service Provider
UTA	Upper control area
UTC	Coordinated Universal Time ‡
*UTCW	UTC adjustable for summer time: the hours are expressed in UTC, as applicable during the winter time. During the summer time the values must be decreased by one hour
*UTR	UAS Temporary Reserved Area
*UUP	Updated airspace use plan

V

V...	Variations from the mean wind direction (*preceded and followed by figures in METAR/SPECI, e.g. 350V070*)
VA	Heading to an altitude
VA	Volcanic ash
VAC...	Visual approach chart (*followed by name/title*)
VAL	In valleys
*VAL	Vertical alarm limit
VAN	Runway control van
VAR	Magnetic variation
VAR	Visual-aural radio range

VASIS	Visual approach slope indicator systems
VC...	Vicinity of the aerodrome (*followed by FG=fog, FC=funnel cloud, SH=shower, PO=dust/sand whirl, BLDU=blowing dust, BLSA=blowing sand, BLSN=blowing snow, DS=duststorm, SS=sandstorm, TS=thunderstorm or VA=volcanic ash, e.g. VCFG=vicinity fog*)
VCY	Vicinity
VDF	Very high frequency direction-finding station
VER	Vertical
VFR	Visual flight rules ‡
VHF	Very high frequency [30 to 300 MHz]‡
VI	Heading to an intercept
VIP	Very important person ‡
VIS	Visibility
VLF	Very low frequency [3 to 30 kHz]
VLR	Very long range
VM	Heading to a manual termination
VMC	Visual meteorological conditions ‡
VNAV	Vertical navigation †
*VOC	Visual Operation Chart
VOLMET	Meteorological information for aircraft in flight †
VOR	VHF omnidirectional radio range ‡
VORTAC	VOR and TACAN combination †
VOT	VOR airborne equipment test facility
VPA	Vertical path angle
VRB	Variable
VSA	By visual reference to the ground
VSP	Vertical speed
VTOL	Vertical take-off and landing
VV...	Vertical visibility (*followed by figures in METAR/SPECI and TAF*)

W

W	West *or* western longitude
W	White
W...	Sea-surface temperature (*followed by figures in METAR/SPECI*)
WAAS	Wide area augmentation system †
WAC	World Aeronautical Chart - ICAO 1:1 000 000 (*followed by name/title*)
WAFC	World area forecast centre
WB	Westbound
WBAR	Wing bar lights
WDI	Wind direction indicator
WDSPR	Widespread
WED	Wednesday
WEF	With effect from *or* effective from
WGS-84	World Geodetic System - 1984
WI	Within
WID	Width *or* wide
WIE	With immediate effect *or* effective immediately
WILCO	Will comply †
WIND	Wind
WINTEM	Forecast upper wind and temperature for aviation
WIP	Work in progress
WKN	Weaken *or* weakening
WNW	West-north-west
WO	Without
WPT	Way-point
WRNG	Warning
WS	Wind shear
WSPD	Wind speed
WSW	West-south-west
WT	Weight
WTSPT	Waterspout
WWW	Worldwide web
WX	Weather

X

X	Cross
XBAR	Crossbar (*of approach lighting system*)
XNG	Crossing
XS	Atmospherics

Y

Y	Yellow
YCZ	Yellow caution zone (*runway lighting*)
YES	Yes (affirmative) (*to be used in AFS as a procedure signal*)
YR	Your

Z

Z	Coordinated Universal Time (in meteorological messages)

GEN 4 CHARGES FOR AERODROMES/HELIPORTS AND AIR NAVIGATION SERVICES (ANS)

GEN 4.1 AERODROME/HELIPORT CHARGES

GEN 4.1.1. LANDING OF AIRCRAFT

Maximum permissible take-off weight allowed as specified under the regulations of the State in which the aircraft is registered.

GEN 4.1.1.1 BRAČ/Brač I. Aerodrome

The landing charge per tonne for general and business aviation aircraft based on their *MTOW is as follows: for aircraft up to 4000 KG *MTOW the charge is 11,00 EUR per tonne, while for aircraft over 4000 KG *MTOW the charge is 16,00 EUR per tonne. Charge for passenger aircraft is 13,00 EUR per tonne.

Lighting charges:

- 25% surcharge on the price of landing.

Landing charges shall be reduced for:

- 50% for helicopters
- 25% for test flight
- 25% for return flight
- 25% for technical landing, if no change of load occurs, except fuel.

GEN 4.1.1.2 DUBROVNIK/Rudjer Boskovic Airport

ACFT *MTOW	Unit	EUR
up to 25 tons	Each started ton of *MTOW	9,40
over 25 tons		12,70

Charges for reversal and ferry flights and emergency landings are 50% of the basic charge.

Charges for helicopter flights are 75% of the basic charge.

Charges for test and training flights (each touch and go) are 25% of the basic charge.

Night training flights are available by prior arrangement. For training and test flights during the night the lighting is to be charged at the actual cost, according to the duration.

GEN 4.1.1.3 LOŠINJ/Lošinj I. Aerodrome

*MTOW (KG)	Charge (HRK)
up to 1 000	170,00
1 001 - 2 000	200,00
2 001 - 5 000	750,00
5 001 - 10 000	1.150,00

The landing charge per ton (*MTOW) for aircraft over 10 000 KG amounts 70,00 HRK.

Charges for technical landings, reversal, test and emergency flights are 50% of the basic charge.

Charges for training flights are 25% of the basic charge.

Helicopter - The landing charge for helicopters is 50% of the basic charge.

For additional information see: 8. Exemptions and reductions

GEN 4.1.1.4 OSIJEK/Klisa Airport

ACFT *MTOW	Unit	EUR
up to 5.7 tonnes	Each started tonne of MTOW	15.00
from 5.71 to 100.0 tonnes		6.40
over 100.1 tonnes		6.00

Training flights

- The runway charge for training flights shall be reduced by 75% of the landing charge.
- Special conditions may be negotiated if the number of training flights is higher than usual.
- Possible use of lighting on request, for training purposes.
- Training flights must be announced in advance and approved by Osijek Airport Ltd.
- The charge is calculated on a touch-and-go basis.

Lighting charge

ACFT *MTOW	EUR
up to 5.7 tonnes	20,00
over 5.7 tonnes	25% of the landing charge

GEN 4.1.1.5 PULA/Pula Airport

The price of the service is indivisible and includes landing and take-off.

ACFT MTOW	Unit	EUR
up to 25 tonnes	Each started tonne of MTOW	8,00
over 25 tonnes		11,00

GEN 4.1.1.6 RIJEKA/Krk I. Airport

*MTOW (KG)	Charge per 1000 KG (EUR)
up to 3 000	7,00
3 001 to 25 000	11,00
over 25 000	13,00

The lighting charge is 25% of the landing charge.

GEN 4.1.1.7 SPLIT/Kaštela Airport

The price of service is indivisible and includes landing and take-off.

ACFT *MTOW	Unit	EUR
up to 4 tone	Each started ton of *MTOW	7,00
above 4 tone		8,50

GEN 4.1.1.8 ZADAR/Zemunik Airport

Passenger aircraft and general air traffic:

*MTOW (KG)	Charge per 1000 KG (EUR)
up to 25 000	8,30
over 25 000	11,70

Charges for test and training flights (each touch and go) are 25% of the basic charge.

For additional information see: 8. Exemptions and reductions

Helicopter - For additional information see: 8. Exemptions and reductions

The lighting charge is 25% of the landing charge.

For training and test flights during the night the lighting is to be charged at the actual coast.

GEN 4.1.1.9 ZAGREB/Franjo Tuđman Airport - International and domestic flights

Charges will be collected for use of the landing and take-off infrastructure and installations (including lighting).

The price of the service is composed of fixed and variable part. Fixed part is based on ACFT MTOW, and variable part is based on the total number of passengers departing from ZAGREB/Franjo Tuđman.

The fixed part of the price of the service:

ACFT *MTOW	Unit	EUR
Up to 3,0 tons	Flat fee	30,00
From 3,1 tons up to 6,0 tons	Each started ton of *MTOW	10,00
From 6,1 up to 100,0 tons		6,50
From 100,1 up to 220,0 tons		6,00
Over 220,1 tons		5,50

The variable part of the price list of the service:

Unit	EUR
Passenger on departure (adult and child)	1,85

Training flights

Training flight must be announced in advance and approved by Zagreb International Airport Jsc. (MZLZ d.d.).

For an increased number of training flights which differ from the usual amount, special conditions may be negotiated.

For aircraft with MTOW up to 5.7 tons the Zagreb International Airport Jsc. proposes to aircraft operators authorised by CCAA for pilot trainings in compliance with ATO-FTO (Approved training Organization) permits, conclusion of a separate contract for series of training flights for certain period, where special charge will be specified for cases when:

- aircraft (actually) lands on RWY and immediately taxies on RWY,
- aircraft only touches the RWY by wheels of landing gear and immediately takes-off (touch and go).

Training flights with aircraft whose MTOW is 5.8 tons and more is reduced by 75%.

If the training flights with aircraft whose MTOW is 5.8 tons and more are performed during the night or in low visibility conditions, when approach lighting and RWY lighting systems are requested, additional 50.00 EUR per final approach and/or landing will be charged.

GEN 4.1.2. HANDLING CHARGES

GEN 4.1.2.1 BRAČ/Brač I. Aerodrome

General aviation handling charges are following:

*MTOW (KG)	Charge (EUR)
up to 1 000	15,00
1 001 - 2 000	23,50
2 001 - 4 000	35,00
4 001 - 6 000	57,00
6 001 - 10 000	105,50
10 001 - 18 000	297,50
18 001 - 25 000	456,00
25 001 - 40 000	648,00
Above 40 001	812,00

Passenger aircraft handling charges are following:

MTOW (KG)	Charge (EUR)
4000 - 10000	280,00
10001 - 18 000	580,00
18 001 - 23 000	1050,00
Above 23 000+	1400,00

Centralized infrastructure - ramp handling for general and bussines aviation	
*MTOW (KG)	Charge (EUR)
0 - 4000	5,00
Above 4001	24,00

GEN 4.1.2.2 DUBROVNIK/Rudjer Boskovic Airport

GEN 4.1.2.2.1 Description of service

Handling of aircraft, passengers, baggage, cargo and mail in arrival and departure, in accordance with IATA procedure AHM 810, January 2018. Handling charges are available on request at Dubrovnik Airport (contact Airport Duty Manager, e-mail: stationmanager@airport-dubrovnik.hr, always in copy: operations@airport-dubrovnik.hr).

GEN 4.1.2.2.2 Centralized infrastructure

Centralized infrastructure - traffic handling	
Unit	EUR
departing passenger	1,50

Centralized infrastructure - ramp handling	
Unit	**EUR**
Each started ton of MTOW	1,75

GEN 4.1.2.3 LOŠINJ/Lošinj I. Aerodrome

The handling charge for aircraft up to 10 000 KG is free and for aircraft from 10 000 up to 20 000 KG amounts 2000,00 HRK.

GEN 4.1.2.4 OSIJEK/Klisa Airport

Aircraft handling					
CAT	**From (tonnes)**	**To (tonnes)**	**PAX handling (EUR)**	**Ramp handling (EUR)**	**Total handling (EUR)**
1		1.20	6.00	8.00	14.00
2	1.21	2.00	11.00	17.00	28.00
3	2.01	3.50	22.00	28.00	50.00
4	3.51	5.70	34.00	39.00	73.00
5	5.71	10.00	42.00	50.00	92.00
6	10.01	15.00	110.00	165.00	275.00
7	15.01	25.00	160.00	230.00	390.00
8	25.01	45.00	205.00	280.00	485.00
9	45.01	65.00	275.00	415.00	690.00
10	65.01	80.00	325.00	490.00	815.00
11	80.01	120.00	385.00	575.00	960.00
12	120.01	180.00	490.00	780.00	1,270.00
13	180.01	250.00	720.00	1,250.00	1,970.00
14	>250.01		935.00	1,750.00	2,685.00

The service price for cargo ACFT is EUR 20.00 per tonne of *MTOW and, fixed.

Centralized infrastructure		
	Unit	**EUR**
Charges related to passengers CIP - centralised infrastructure, traffic handling	Departing passenger	0.90
Charges related to ACFT CIR - centralised infrastructure, ramp handling	Tonne / MTOW	1,10

The price includes a total aircraft handling operation during turnaround and the amount is indivisible, when charging. Additional services exceeding quoted time and quantity from the list of services shall be charged according to special facilities charges (on request).

The service charge for cargo aircraft is 25,00 EUR per each started metric ton on the basis of the MTOW.

Centralized infrastructure - passenger handling	
Unit	**EUR**
Departing passenger	1,00

Centralized infrastructure - passenger handling	
Passenger aircraft (MTOW in KG)	**EUR**
up to 2 000	2,10
2 001 - 5 000	5,70
5 001 - 10 000	12,10
10 001 - 16 000	31,20
16 001 - 24 000	55,20
24 001 - 35 000	72,20
35 001 - 60 000	82,80
60 001 - 70 000	97,60
70 001 - 90 000	117,60
90 001 - 150 000	140,02
150 001 - 180 000	184,40
180 001 - 210 000	231,40
210 001 - 260 000	298,10
260 001 - 320 000	376,30
320 001 - 350 000	479,70
above 350 001	599,40

Note: Centralized infrastructure charge is included in the price of ground handling services and not charged separately. In case that Rijeka/Krk I. Airport does not provide ground handling services completely, but the airport user provides them (independently performs ground handling services) centralised infrastructure charge shall be payable for ground handling services performed.

GEN 4.1.2.7 SPLIT/Kaštela Airport

Aircraft handling				
CAT	***MTOW (tons)**	**PAX handling (EUR)**	**RAMP handling (EUR)**	**Price (EUR)**
1	4.1 - 10.0	36,00	53,00	89,00
2	10.1 - 16.0	125,00	188,00	313,00
3	16.1 - 21.0	181,00	272,00	453,00
4	21.1 - 30.0	232,00	347,00	579,00
5	30.1 - 40.0	278,00	417,00	695,00
6	40.1 - 60.0	316,00	473,00	789,00
7	60.1 - 79.0	376,00	563,00	939,00
8	79.1 - 100.0	453,00	679,00	1.132,00
9	100.1 - 130.0	540,00	810,00	1.350,00
10	130.1 - 155.0	710,00	1.064,00	1.774,00
11	155.1 - 200.0	892,00	1.339,00	2.231,00
12	200.1 - 270.0	1.146,00	1.720,00	2.866,00
13	iznad 270.0	1.441,00	2.161,00	3.602,00

Handling of cargo aircraft:
The service charge includes aircraft and cargo handling operations during turnaround. The price of service is 20,00 EUR per ton of *MTOW and is indivisible.

General air traffic handling for aircraft up to 4 tons:
General air traffic handling is 15,00 EUR per ton of *MTOW.

Centralized infrastructure		
	Unit	**EUR**
Traffic handling	Departing passenger	1,20

Ramp handling for passenger and cargo aircraft		
	Unit	**EUR**
Ramp handling	Ton / *MTOW	1,00

GEN 4.1.2.8 ZADAR/Zemunik Airport

Handling charges for passenger aircraft and general air traffic are as follows:

***MTOW (KG)**	**TRAFFIC HANDLING (EUR)**	**RAMP HANDLING (EUR)**	**Total (EUR)**
up to 1 200	5,00	7,00	12,00
1 201 - 2 000	10,00	15,00	25,00
2 001 - 3 000	18,00	27,00	45,00
3 001 - 5 700	26,00	39,00	65,00

*MTOW (KG)	TRAFFIC HANDLING (EUR)	RAMP HANDLING (EUR)	Total (EUR)
5 701 - 10 000	40,00	60,00	100,00
10 001 - 16 000	120,00	180,00	300,00
16 001 - 21 000	180,00	270,00	450,00
21 001 - 30 000	240,00	360,00	600,00
30 001 - 40 000	276,00	414,00	690,00
40 001 - 60 000	313,00	470,00	783,00
60 001 - 79 000	370,00	557,00	927,00
79 001 - 100 000	442,00	663,00	1105,00
100 001 - 130 000	528,00	792,00	1320,00
130 001 - 155 000	700,00	1050,00	1750,00
155 001 - 200 000	886,00	1329,00	2215,00
200 001 - 270 000	1120,00	1680,00	2800,00
over 270 000	1340,00	2010,00	3350,00

Handling charges for cargo aircraft is 21,50 EUR per each started metric ton on the basis of *MTOW.

Detailed information about handling of cargo aircraft are available on request.

Centralized infrastructure charge for traffic handling per departing passenger is 1,00 EUR.

Centralized infrastructure charges for ramp handling are as follows:

*MTOW (KG)	Charge (EUR)
up to 5 700	5,00
5 701 - 10 000	9,00
10 001 - 16 000	17,20
16 001 - 21 000	24,75
21 001 - 30 000	35,40
30 001 - 40 000	43,70
40 001 - 60 000	46,20
60 001 - 79 000	51,78
79 001 - 100 000	63,20
100 001 - 130 000	77,20
130 001 - 155 000	102,00
155 001 - 200 000	126,00
200 001 - 270 000	162,20
over 270 000	207,00

GEN 4.1.2.9 ZAGREB/Franjo Tuđman Airport

GEN 4.1.2.9.1 Description of service

Handling of aircraft, passengers, baggage, cargo and mail in arrival and departure, in accordance with IATA procedure AHM 810, January 2008.

Handling charges are available on request by the Ground Handling service providers at ZAGREB/Franjo Tuđman Airport“.

GEN 4.1.2.9.2 Centralized infrastructure

Service charge		
	Unit	**EUR**
Traffic handling	Departing passenger	2,50
Ramp handling for passenger and cargo aircraft on the Ramp	Ton / *MTOW	1,50

GEN 4.1.3. PARKING, HANGARAGE AND LONG-TERM STORAGE OF AIRCRAFT

GEN 4.1.3.1 Parking of aircraft

GEN 4.1.3.1.1 BRAČ/Brač I. Aerodrome

The first 4 hours are free of charge.

Parking charge per tonne *MTOW / 24H is 4,00 EUR.

GEN 4.1.3.1.2 DUBROVNIK/Rudjer Boskovic Airport

The first 4 hours are free of charge.

Parking charge per ton *MTOW to 24 hours amounts to 5,00 EUR. The parking charge for helicopters is 75% of the basic parking charge.

GEN 4.1.3.1.3 LOŠINJ/Lošinj I. Aerodrome

The first 4 hours are free of charge.

*MTOW (KG)	Charge (HRK)
up to 1 000	60,00
1 001 - 2 000	75,00
2 001 - 5 000	150,00
5 001 - 10 000	250,00

GEN 4.1.3.1.4 OSIJEK/Klisa Airport

The first 4 hours of parking are free of charge.

In case of exceeding the 4 hours free-of-charge parking period, the calculation period starts from the beginning of actual block-to-block time and is calculated as a 24 hours charge. Every hour started after the period of 24 hours is taken as new 24 hours.

Unit	EUR
Each started tonne of *MTOW	3.00

GEN 4.1.3.1.5 PULA/Pula Airport

The first 4 hours are free of charge.

Parking charge per ton on the basis of the MTOW for up to 24 hours is 3,00 EUR.

Helicopter parking charge is 50% of the basic parking charge.

GEN 4.1.3.1.6 RIJEKA/Krk I. Airport

The first 4 hours are free of charge.
The fee is charged 8,00 EUR per ton on the basis of the MTOW for every started calendar day.

GEN 4.1.3.1.7 SPLIT/Kaštela Airport

Unit	EUR
Each started ton of *MTOW	4,00

- Aircraft parking is charged per ton of *MTOW.

- First 4 hours are free of charge.
- The parking charge is calculated for every started period of 24 hours.
- In case of exceeding the free 4 hours of parking time the calculation period starts from the beginning of actual block-to-block time.
- In the period from 01 JUN to 30 SEP the stated prices are increased as follows:
  - The charge is 50% increased in case when aircraft parking lasts from 24 to 48 hours and is applied for the whole parking period
  - The charge is 100% increased in case when an aircraft parking lasts from 48 to 72 hours and is applied for the whole parking period
  - The charge is 200% increased in case when an aircraft parking lasts longer than 72 hours and is applied for the whole parking period.

GEN 4.1.3.1.8 ZADAR/Zemunik Airport

Price of service

Unit	EUR
Each started ton of MTOW	4,00

Aircraft parking is charged per ton MTOW.

The first 4 hours are free of charge.

The charge is calculated for every started period of 24 hours.

For the period from 1st JUN to 30th SEP, for any aircraft that uses Zadar Airport Apron for parking for any reason but technical trouble or some other reason out of objective influence of aircraft operator, the stated prices are increased as follows:

- The charge is 25% increased in case when an aircraft parking lasts from 24 to 48 hours, and is applied for the whole parking period.
- The charge is 75% increased in case when an aircraft parking lasts longer than 48 hours, and is applied for the whole parking period.

GEN 4.1.3.1.9 ZAGREB/Franjo Tuđman Airport

PARKING CHARGES ON WEST APRON

- the first 4 hours are free of charge

PARKING CHARGES ON EAST APRON

Grace Period:

- 50 MIN for ACFT with Code letter “A”, “B” (“A” wingspan up to but not including 15 M; “B” wingspan 15 M up to but not including 24 M)
- 60 MIN for ACFT with Code letter “C” (wingspan 24 M up to but not including 36 M) for long-haul flights defined in ZAG concession agreement
- 90 MIN for ACFT with Code letter “D” (wingspan 36 M up to but not including 52 M)
- 120 MIN for ACFT with Code letter “E” (wingspan 52 M up to but not including 65 M)
- 180 MIN for ACFT with Code letter “F” (wingspan from 65 M and above)

In case of exceeding the free time of parking, the calculation period starts from the beginning of actual block-to-block time.

Period of time between 2200-0600 (local time) is free of charge.

The calculation period starts from the beginning of the actual on-block-time and finishes on the actual off-block-time.

PARKING CHARGES ON WEST APRON

Parking charge is applied after the use of first 4 hours of parking at West Apron and is calculated according to below table in case of parking up to 3 days on the same parking stand, including first 4 hours of parking.

Unit	Period	Fee (EUR)
Per tonne or part thereof	5 MIN	0.01

If the ACFT is parked more than 3 days, the formula below applies for the calculation of the parking charge, including first 3 days of parking.

Unit	Period	Fee (EUR)
Per tonne or part thereof	Day	1.00

PARKING CHARGES ON EAST APRON

Parking charge is applied after “grace period” at East Apron and parking charge is according to below table from on-block time to off-block time.

Unit	Period	Fee (EUR)
Per tonne or part thereof	5 MIN	0.04

GEN 4.1.3.2 Hangarage charges

BRAČ/Brač I. Aerodrome - Nil.

DUBROVNIK/Rudjer Boskovic Airport - Nil.

LOŠINJ/Lošinj I. Aerodrome - Nil.

OSIJEK/Klisa Airport - Nil.

PULA/Pula Airport - Nil.

RIJEKA/Krk I. Airport - Nil.

SPLIT/Kaštela Airport - Nil.

ZADAR/Zemunik Airport - Nil.

ZAGREB/Franjo Tuđman Airport - Nil.

GEN 4.1.3.3 Long-term storage

Detailed information available at the aerodrome operator.

GEN 4.1.4. PASSENGER SERVICE

GEN 4.1.4.1 BRAČ/Brač I. Aerodrome

General aviation - the charge for passengers in domestic air traffic is 7,15 EUR, and for passengers in international air traffic 9,15 EUR.

Passenger aircraft - the charge for passengers (PAX service, Passenger with reduced mobility, Security Charge) in domestic air traffic is 12,00 EUR, and for passengers in international air traffic 21,00 EUR.

GEN 4.1.4.2 DUBROVNIK/Rudjer Boskovic Airport

Service charge		
Traffic type	**Unit**	**EUR**
International passenger service	Departing passenger	11,00
Domestic passenger service		5,00
Passenger service per transfer		5,00

GEN 4.1.4.3 LOŠINJ/Lošinj I. Aerodrome

*MTOW (KG)	Charge (HRK)
up to 1 000	25,00
1 001 - 2 000	25,00
2 001 - 5 000	25,00
5 001 - 10 000	25,00

GEN 4.1.4.4 OSIJEK/Klisa Airport

Traffic type	Unit	EUR
International passenger service	per departing passenger	7.50
Domestic passenger service		4.00
Transfer passenger service		4.00

GEN 4.1.4.5 PULA/Pula Airport

The charge for departing passengers in domestic air traffic is 5,00 EUR, and for passengers in international air traffic 10,00 EUR.

The charge for transfer passengers is 5,00 EUR.

The charge for general aviation passengers is 3,50 EUR.

GEN 4.1.4.6 RIJEKA/Krk I. Airport

The charge for passengers in domestic air traffic is 15,00 EUR per departing passenger, for passengers in international air traffic 15,00 EUR per departing passenger and for transfer passengers 15,00 EUR per departing passenger.

GEN 4.1.7.9.1 Services on special request

Additional use of the Rescue and firefighting service in case of alternation, engine testing and refuelling with passengers on board, or during embarking/disembarking:

Service	Period	Fee (EUR)
Use of the firefighting vehicle	30 MIN	50.00

GEN 4.1.8. EXEMPTIONS AND REDUCTIONS

GEN 4.1.8.1 Exemptions

GEN 4.1.8.1.1 BRAČ/Brač I. Aerodrome

Exempted from charges are:

- Infants up to the age of two
- passengers holding free tickets (ID90, ID00)
- Aircraft crew
- Brač Aerodrome personnel

Croatian military aircraft when flying for military purposes and the Red Cross aircraft of the Republic of Croatia shall be exempt from the payment of charges.

Should an aircraft return from take off point to the apron, handling shall not be charged provided no change of load occurs.

GEN 4.1.8.1.2 DUBROVNIK/Rudjer Boskovic Airport

Exempted from charges are:

- children up to 2 years of age (infants)
- passengers holding free ticket (ID 00)
- direct transit passengers
- crew (DHC)

The following categories shall be exempt from airport charges:

a. aircraft involved in search and rescue operations

b. aircraft used for humanitarian assistance in case of a natural disaster or state of emergency

c. aircraft in distress

d. state aircraft which provide emergency medical aid

e. state aircraft which perform fire fighting protection

f. state aircraft which perform special activity flig

g. Croatian military aircraft when flying for military purposes, Croatian Ministry of Interior aircraft and Republic of Croatia Red Cross aircraft

GEN 4.1.8.1.3 LOŠINJ/Lošinj I. Aerodrome

Exempted from charges are (for general air traffic):

- infants up to the age of two
- aircraft pilots
- panoramic flights passengers
- taxi flights passengers
- medical flights passengers
- Airport Mali Lošinj Ltd. personnel

Exempted from paying aerodrome charges are Croatian aeroclubs aircraft, Croatian military aircraft and aircraft invited by Airport Mali Lošinj Ltd.

GEN 4.1.8.1.4 OSIJEK/Klisa Airport

Passenger service charges are not paid by the following categories of passengers:

- children up to 2 years of age (infants)
- ID00
- transit passengers
- crew (DHC)

The following categories shall be exempted from airport charges:

a. aircraft involved in search and rescue operations,

b. aircraft used for humanitarian assistance in case of a natural disaster or state of emergency,

c. aircraft in distress,

d. state aircraft which provide emergency medical aid,

e. state aircraft providing fire fighting protection flights,

f. state aircraft providing special activity flights.

GEN 4.1.8.1.5 PULA/Pula Airport

Passenger service charges are not paid by the following categories of passengers:

- children up to 2 years of age (infants)
- passengers holding free ticket (ID00)
- transit passengers
- crew (DHC)

The following categories shall be exempt from AD charges:

a. ACFT involved in SAR operations,

b. ACFT used for humanitarian assistance in case of a natural disaster or state of emergency,

c. ACFT in distress,

d. state ACFT which provide emergency medical aid,

e. state ACFT providing fire fighting protection,

f. state ACFT providing special activity flights,

g. Croatian military ACFT when flying for MIL purposes, Croatian Ministry of Interior's ACFT and Republic of Croatia Red Cross ACFT shall be exempt from the payment of charges.

GEN 4.1.8.1.6 RIJEKA/Krk I. Airport

Passenger service charges are not paid by the following categories of passengers:

- children up to 2 years of age (infants)
- passengers holding free ticket (ID00)
- direct transit passengers
- crew (DHC)
- Rijeka/Krk I. Airport employees
- panoramic flights passengers
- medical flights passengers

The following categories shall be exempt from airport charges:

a. aircraft involved in search and rescue operations

b. aircraft used for humanitarian assistance in case of a natural disaster or state of emergency

c. aircraft in distress

d. state aircraft which provide emergency medical aid

e. state aircraft providing fire fighting protection

f. state aircraft providing special activity flights

g. Croatian military aircraft when flying for military purposes, Croatian Ministry of Interior's aircraft and Republic of Croatia Red Cross aircraft shall be exempt from the payment of charges

GEN 4.1.8.1.7 SPLIT/Kaštela Airport

Passenger service charges are not paid by the following categories of passengers:

- children up to 2 years of age (infants)
- ID00
- transit passengers
- crew (DHC)

The following categories shall be exempt from airport charges:

a. aircraft involved in search and rescue operations

b. aircraft used for humanitarian assistance in case of a natural disaster or state of emergency

c. aircraft in distress

d. state aircraft which provide emergency medical aid

e. state aircraft which perform fire fighting protection

f. state aircraft which perform special activity flights

g. Croatian military aircraft when flying for military purposes and Republic of Croatia Red Cross aircraft shall be exempt from the payment of charges.

Should an aircraft return from the take-off position to the apron, handling shall not be charged provided no change of load occurs (passengers, baggage, cargo, mail).

Handling is not charged for the purpose of training flight crew personnel.

GEN 4.1.8.1.8 ZADAR/Zemunik Airport

Should an aircraft return from take off point to the apron, handling shall not be charged provided no change of load occurs.

Passenger service charges are not paid by the following categories of passengers:

- children up to 2 years of age (infants)
- ID00
- DHC (Dead Head Crew)
- Transit passengers

The following categories shall be exempt from airport charges:

a. aircraft involved in search and rescue operations

b. aircraft used for humanitarian assistance in case of a natural disaster or state of emergency

c. aircraft in distress

d. state aircraft which provide emergency medical aid

e. state aircraft which perform fire fighting protection

f. state aircraft which perform special activity flights

g. Croatian military aircraft when flying for military purposes and Republic of Croatia Red Cross aircraft shall be exempt from the payment of charges.

GEN 4.1.8.1.9 ZAGREB/Franjo Tuđman Airport

Passenger service charges are not paid by the following categories of passengers:

- children up to 2 years of age (infants)
- transit passengers

The following shall be exempt from airport and user charges:

a. aircraft involved in search and rescue operations;

b. aircraft used for humanitarian assistance in case of a natural disaster or state of emergency;

c. aircraft in distress;

d. state aircraft which provide emergency medical aid;

e. state aircraft which perform fire fighting protection;

f. state aircraft which perform special activity flights;

GEN 4.1.8.2 Reductions

GEN 4.1.8.2.1 BRAČ/Brač I. Aerodrome

Landing and take-off charges for crew personnel training purpose (touch and go) shall be reduced for 25%.

Handling charges for crew personnel training purpose shall be reduced for 75%.

Landing and take-off charges shall be reduced for:

- 25% for technical landing, if no change of load occurs, except fuel
- 50% for helicopters

Landing and take-off charges, as well as handling charges shall be reduced for:

- 25% for test flight (only Landing)
- 25% for return flight

Handling charges shall be reduced for:

- 25% for ferry flight (empty leg)

Reduction of one provision excludes using any other provision at the same time.

GEN 4.1.8.2.2 DUBROVNIK/Rudjer Boskovic Airport

The handling charges for passenger aircraft are reduced as follows:

a. 75% of the charge for empty leg flight

b. 75% of the charge for ferry flight

c. 50% of the charge in case of technical landing

d. 50% of the charge for helicopters

e. 25% of the charge for test and training flights

Charges for basic airport services for the Republic of Croatia government aircraft are 50% of the charges stated.

GEN 4.1.8.2.3 LOŠINJ/Lošinj I. Aerodrome

Discount up to 25% can be approved for organised group arrivals of registered aeroclubs aircraft.

Discount up to 50% can be approved for bussiness partners aircraft, owners of aircraft with permanent address in Lošinj, owners of aircraft on regulary lines (two times a week or more).

Discounts can be approved only for landing and parking.
Discounts do not apply for commercial landing.

GEN 4.1.8.2.4 OSIJEK/Klisa Airport

Runway charge shall be reduced by 25% in case of:

- return flights
- trial flights
- technical landing
- helicopter landing

The handling charge shall be reduced by 50% in case of:

- technical landing, if no change of load occurs, except fuel;
- air ambulance flight;
- training flights
- trial flights;

If an aircraft returns from the take-off position to the apron and a subsequent change of commercial load occurs, the repeated handling shall be charged in the amount of 75% of the handling charge.

The handling charge shall be reduced by 25% if a scheduled or a charter flight does not use the passenger, cargo, and/or goods handling service at the moment of arrival or departure (ferry flight).

GEN 4.1.8.2.5 PULA/Pula Airport

Landing charges shall be reduced by:

a. 50% for helicopters, reversal, training and positioning flights;

b. 50% for technical and emergency landing;

c. 75% za test flights;

d. 75% for each touch and go.

Handling charges shall be reduced by:

a. 25% for an arriving or departing empty leg flight;

b. 75% for positioning or test flights;

c. 50% for technical landing;

d. 50% for helicopters;

e. 50% for training and ambulance flights.

For advance or cash payment, an additional discount of 5% shall be granted for services rendered to commercial air carriers.

Charges for basic aerodrome services for the Republic of Croatia government aircraft are 50% of the charges stated in this Price list.

GEN 4.1.8.2.6 RIJEKA/Krk I. Airport

Landing charges shall be reduced by:

- 100% for helicopters with skis/floats (not wheels)
- 75% for test and training flights (each touch and go counts)
- 50% for helicopters with wheels, technical landings and emergency flights
- 30% for ferry-in and positional flights

Handling charges shall be reduced by:

- 75% for test and training flights
- 50% for helicopters with wheels, technical landings and emergency flights

- 30% for empty and ferry-out flights

Reduction for one provision excludes using any other at the same time.

GEN 4.1.8.2.7 SPLIT/Kaštela Airport

Charges for use of the runway shall be reduced by 25% in cases of a:

- reversal flight
- test flight
- technical landing

Landing charges for training flights are reduced by 75% from the basic charge. Training flight must be announced in advance and approved by Split Airport Ltd.

Handling charges shall be reduced by 50% in case of:

- technical landing, if no change of load occurs
- ambulance flight
- trial flight

If an aircraft returns from the take-off position to the apron and a change of load occurs, the repeated handling shall be charged in the amount of 75% percent of the handling charge.

Handling charges shall be reduced by 25% in case when passenger aircraft in scheduled or charter traffic, arriving or departing, does not use the service of loading or unloading (Ferry flight).

GEN 4.1.8.2.8 ZADAR/Zemunik Airport

Charges for use of the RWY shall be reduced by 25% in cases of:

- reversal flight,
- test flight,
- technical landing,
- emergency landing.

Handling charges shall be reduced by 50% in case of:

- technical landing, if no change of load occurs.

If an aircraft returns from the take-off position to the apron and a change of load occurs, the repeated handling shall be charged in the amount of 75% of the handling charge.

Handling charges shall be reduced by 25% in case when passenger aircraft in scheduled or charter traffic, arriving or departing, does not use the service of loading or unloading (Ferry flight).

GEN 4.1.8.2.9 ZAGREB/Franjo Tuđman Airport

Charges for use of the runway shall be reduced by 25% in case of a:

- return flight
- trial flight
- technical landing

GEN 4.1.8.3 Surcharges

GEN 4.1.8.3.1 BRAČ/Brač I. Aerodrome

Handling charges shall be increased by 25% in cases of:

- night handling (from SS till SR)
- handling on Croatian national holidays
- repeated part or complete handling service, upon user request

Take off, landing and handling charges out of operating hours on request:

For all aircraft up to 5700 KG of *MTOW, the charge is 120,00 EUR per hour; for aircraft between 5701 *MTOW and 20000 KG *MTOW, it's 250,00 EUR per hour; and for aircraft over 20000 KG *MTOW, the charge is 350,00 EUR per hour.

GEN 4.1.8.3.2 DUBROVNIK/Rudjer Boskovic Airport

Charges for passenger aircraft shall be increased for:

a. 300,00 EUR for handling outside AD HR SER per each hour started. Four (4) hours is the maximum to be charged from 2100-0100 (2100-0100) counting in advance and from 0500-0100 (0400-0000) counting backwards

b. 25% for night handling 2100-0500 (2000-0400)

c. 25% for reloading caused by Carrier's error

d. 50% for handling during state holidays

All flights cancelled with a less than 24 hours notice given before planned arrival/departure shall be charged 50% of the total ground handling charge.

GEN 4.1.8.3.3 LOŠINJ/Lošinj I. Aerodrome

Overtime (for all flights out of operating hours, all services included) amounts 350,00 HRK per hour.

GEN 4.1.8.3.8 ZADAR/Zemunik Airport

Handling charges shall be increased for:

- 25% for night handling (summer period from 2000-0400 UTC; winter period from 2100-0500 UTC)
- 25% for reloading caused by carrier's error
- 25% for handling during Sundays and national holidays
- 25% for non announced flight within 24 hours
- 250,00 EUR for handling during out of Zadar Airport opening hours per each hour. Four (4) hours is the maximum to be charged. Minimal unit rate is 30 min.
- 200 EUR for all flights arriving without approved PPR.

Charges shall be only simultaneously increased for a maximum of 50%.

GEN 4.1.8.3.9 ZAGREB/Franjo Tuđman Airport

Nil

GEN 4.1.8.4 Cargo

See 2. Handling charges

GEN 4.1.9. METHODS OF PAYMENT

GEN 4.1.9.1 BRAČ/Brač I. Aerodrome

Invoicing and charges collection from the services in air traffic is made in accordance with signed contracts or immediately prior to take-off in cash or credit cards (Visa, Diners and Master card).

GEN 4.1.9.2 DUBROVNIK/Rudjer Boskovic Airport

Nil

GEN 4.1.9.3 LOŠINJ/Lošinj I. Aerodrome

Prices do not include V.A.T.

GEN 4.1.9.4 OSIJEK/Klisa Airport

Air carriers who do not have a contract with Osijek Airport Ltd., shall pay for rendered services prior to take-off.

Charge of services rendered to air carriers shall be performed as follows:

- in cash
- transaction account
- American Express
- Diners
- Maestro
- Master Card
- VISA

Value Added Tax (VAT) is not included in the listed prices.

GEN 4.1.9.5 PULA/Pula Airport

Nil

GEN 4.1.9.6 RIJEKA/Krk I. Airport

The calculation and invoicing of airport services to the carriers are to be made in accordance with the company's business policy. Calculation and charge of services, the user shall pay for rendered services prior to take-off. Charge of services shall be performed as follows:

- in cash
- credit and debit cards
- by transaction on the account according to sent preliminary invoice.

For advanced payments Rijeka Airport Management can approve extra discount up to 20% on total amount of demanded services.
Rijeka Airport Management can approve user's written demand for payment after take-off according invoice with due date no longer than 30 days.
Users, who have a contract with Rijeka/Krk I. Airport, shall pay for rendered services in accordance with signed contracts.

Value Added Tax (VAT) is not included in the Price List. Air carriers that are not exempt from paymet of VAT in accordance with Respective rules and regulations, will be charged at VAT rate prescribed by law.
Rijeka/Krk I. Airport has right to inspect Air Operator Certificate (AOC) in order to determine for which type of transport is the air carrier registered.

Calculation and charge of rendered services can be performed in any currency in the following way: the price quoted in EUR is to be calculated into preferred currency in accordance with the invoice issuance.

For delayed payments, interest will be added to the debtor in a ccordance with the law. All disputes between the users of airport services and the Rijeka Airport regarding charges and changes of the Tariff and General Business Conditions will be submitted to the court in Rijeka.

Rijeka/Krk I. Airport may require payment security instrument from the user of services.

Special services rendered to aircraft shall be charged to air carrier in accordance with prices from Price list of services on special request.

GEN 4.1.9.7 SPLIT/Kaštela Airport

Calculation and charge of services rendered to regular air carriers are performed in accordance with signed contracts.

Air carriers who do not have a contract with Split Airport Ltd., shall pay for rendered services prior to take-off

Charge of services rendered to air carriers shall be performed as follows:

- in cash
- Diners
- Master Card
- VISA.

Value Added Tax (VAT) is not included in prices quoted in the Price List.

Air carriers that are not exempt from payment of Value Added Tax (VAT) in accordance with respective rules and regulations will be charged at VAT rate prescribed by law.

Calculation and charge of rendered services can be performed in any hard currency in the following way: the prices quoted in EUR are to be converted into preferred currency in accordance with the official exchange rate of Croatian National Bank (Hrvatska narodna banka) on the date of the invoice issuance.

Calculation and charge of rendered services to Air Carriers with non-resident status shall be determined by Annex B.

GEN 4.1.9.8 ZADAR/Zemunik Airport

Invoicing and collection of the charges for services provided to scheduled airlines is made in accordance with signed contracts.

Charges for services rendered to non-scheduled carriers are collected, prior to take off:

- in cash
- Diners
- Master Card
- VISA
- Air Routing
- Multiservice credit card

GEN 4.1.9.9 ZAGREB/Franjo Tuđman Airport

Invoicing charges collection of the services rendered to scheduled airlines is made in accordance with signed contracts.

Services rendered to non-scheduled carriers are collected prior to take-off:

- in cash
- American Express
- Master Card
- Diners
- VISA
- AIR ROUTING
- Multiservice
- cheques (Captain’s, Traveller’s, Euro)

Value Added Tax (VAT) will be calculated in accordance with VAT Law and Ordinance on Value Added Tax in effect.

Calculation and collection of used facilities and services rendered may be executed in EUR.
For delays in payment of used facilities and services rendered the debtor will be charged legal interest, in accordance with maximum interest rate ruled by valid national legal act.
Zagreb International Airport Jsc. has right to request payment security instrument from the user of airport facilities and services based on traffic forecast (announced by service user) and anticipated risk (by Zagreb International Airport Jsc.). In case of any disputes between users of airport facilities and services and Zagreb International Airport Jsc. with reference to interpretation and practical implementation of this Price List of Airport Regulated Charges - the court in Zagreb will be competent.
In case of an emergency event, all special facilities and services provided by Zagreb International Airport Jsc. to aircraft operator will be calculated on the basis of actual costs increased by 10% of manipulative costs.
Throughout the concession period Zagreb International Airport Jsc. retains the right to adjust the Price List of Airport Regulated Charges based on **inflation/deflation** in accordance with articles 6.5 and 6.9 of the Concession Agreement relating to the Construction and Operation of the ZAGREB/Franjo Tuđman Airport between the Republic of Croatia and ZAIC A-Limited as of 11 April 2012.

THIS PAGE INTENTIONALLY LEFT BLANK

ENR 1.6 ATS SURVEILLANCE SERVICES AND PROCEDURES

ENR 1.6.1 RADAR SERVICES

ENR 1.6.1.1 Supplementary service

ENR 1.6.1.1.1. A radar unit normally operates as an integral part of the parent' ATS unit and provides radar service to aircraft, to the maximum extent practicable, to meet the operational requirement. Many factors, such as radar coverage, controller workload and equipment capabilities, may affect these services, and the radar controller shall determine the practicability of providing or continuing to provide radar services in any specific case.

In normal conditions, Surveillance service is provided above airspace Class G (1000 FT AGL) in majority of controlled airspace (Class C/D) with the exception of the areas where the Surveillance service is reduced due to technical reasons.

The areas of reduced Surveillance service - RSSA based on theoretical coverage calculation are defined as follows:

	WGS-84 LAT	*WGS-84 LONG*	*Limit*
RSSA4000_1	444058N	0152232E	Reduced Surveillance service below 4000 FT AGL
	443950N	0155937E	
	along FIR BDRY Zagreb - Sarajevo		
	441720N	0161126E	
	442708N	0153345E	
	444058N	0152232E	

	WGS-84 LAT	*WGS-84 LONG*	*Limit*
RSSA4000_2	440458N	0162309E	Reduced Surveillance service below 4000 FT AGL
	along FIR BDRY Zagreb - Sarajevo		
	435634N	0163415E	
	435036N	0163014E	
	435946N	0161800E	
	440458N	0162309E	

	WGS-84 LAT	*WGS-84 LONG*	*Limit*
RSSA4000_3	433823N	0165610E	Reduced Surveillance service below 4000 FT AGL
	along FIR BDRY Zagreb - Sarajevo		
	431815N	0171825E	
	432834N	0165238E	
	433823N	0165610E	

	WGS-84 LAT	*WGS-84 LONG*	*Limit*
RSSA3000_1	454736N	0183216E	Reduced Surveillance service below 3000 FT AGL
	along FIR BDRY Zagreb - Budapest		
	along FIR BDRY Zagreb - Beograd		
	453253N	0185604E	
	453645N	0183201E	
	454736N	0183216E	

	WGS-84 LAT	*WGS-84 LONG*	*Limit*
RSSA3000_2	445521N	0150718E	Reduced Surveillance service below 3000 FT AGL
	445331N	0154530E	
	along FIR BDRY Zagreb - Sarajevo		
	435136N	0164156E	
	434501N	0163109E	
	440131N	0161043E	
	440916N	0155429E	
	442437N	0152842E	
	443706N	0151307E	
	445521N	0150718E	

	WGS-84 LAT	*WGS-84 LONG*	*Limit*
RSSA3000_3	434131N	0165237E	Reduced Surveillance service below 3000 FT AGL
	along FIR BDRY Zagreb - Sarajevo		
	431112N	0172541E	
	432713N	0164726E	
	434131N	0165237E	

A graphical representation of these areas is given under the subsection ENR 1.6.1.3.

Air traffic services by use of radar are provided in accordance with the procedures in ICAO Doc 4444, Chapter 8 and Doc 7030 by Zagreb Area Control, Zagreb Approach Control, Pula Approach Control, Split Approach Control, Dubrovnik Approach Control and Zadar Approach Control, using the following radar stations and WAM (Wide Area Multilateration) system:

a. MSSR, PSR - station at Pleso
position: 454505.90N 0160436.04E;
PSR range: 80 NM;
MSSR range: 200 NM.

b. MSSR - station at Kozjak
position: 433415.69N 0162421.81E; range: 200 NM

c. MSSR - station at Psunj
position: 452252.19N 0172002.46E; range: 200 NM

d. MSSR- station at Monte Kope
position: 444848.58N 0135212.89E; range: 200 NM

e. MSSR- station at Konavle
position: 422956.62N 0182308.73E; range: 200 NM

f. WAM system - covering TMA and ENR part of FIR Zagreb - in the horizontal plan, corresponds to the areas TMA Zadar, Split and Dubrovnik with additional buffer zone of 30NM

The radar separation minima shall be as follows:

a. Zagreb Area Control - 5 NM

b. Dubrovnik Approach Control - 5 NM

c. Split Approach Control - 5 NM

d. Zadar Approach Control - 5 NM

e. Zagreb Approach Control - 5 NM

f. Pula Approach Control - 5 NM

ENR 1.6.1.2 Radar and radio failure procedures

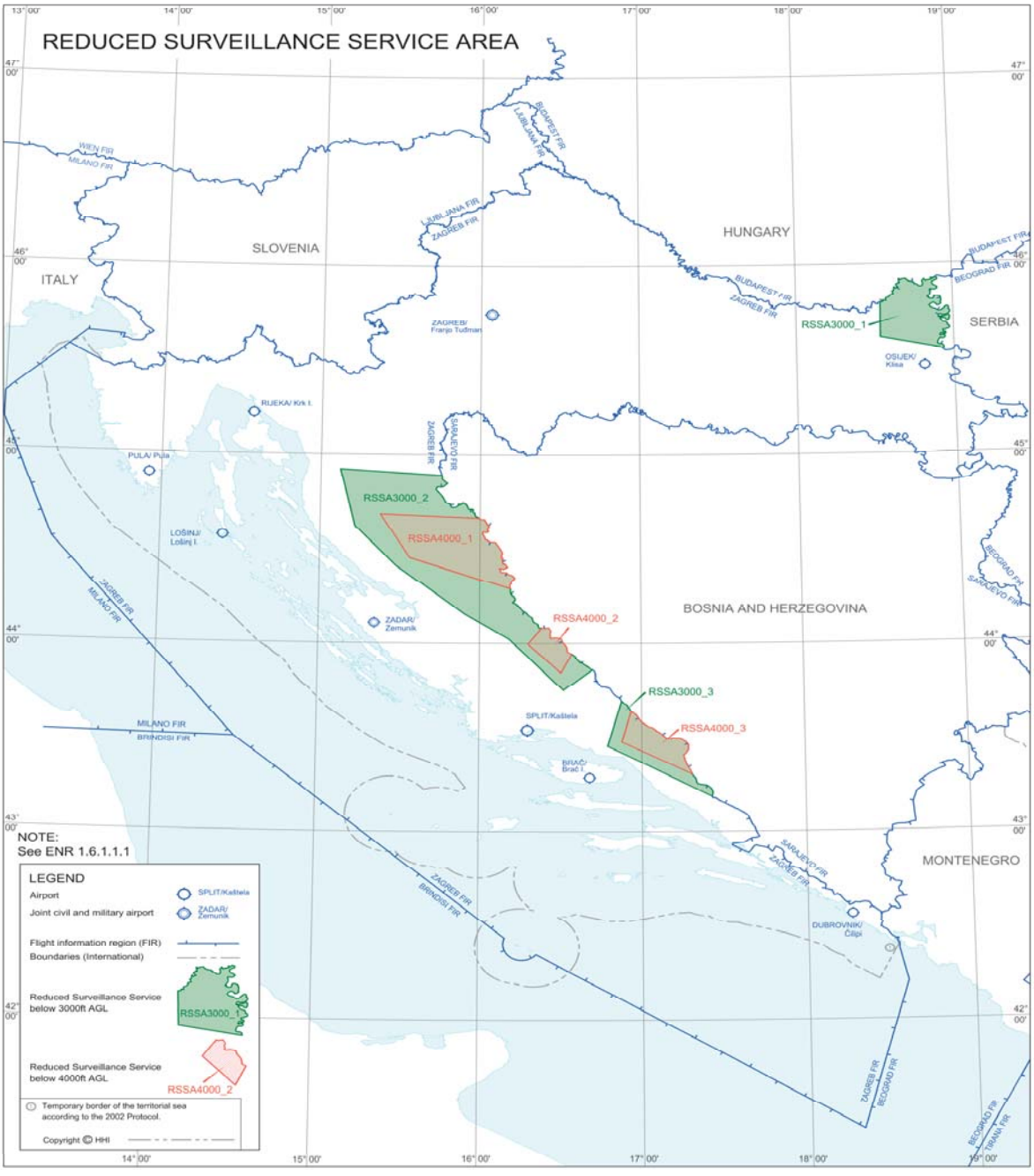
ENR 1.6.1.2.1 Radar failure

In the event of radar failure or loss of radar identification, instructions will be issued to restore non-radar standard separation.

ENR 1.6.1.2.2 Radio failure

If the aircraft's radio is completely unserviceable, the pilot should carry out the procedures for radio failure in accordance with provisions from Regulations on Rules of the Air and ATS. If radar identification has already been established, the radar controller will vector other identified aircraft clear of its track until such time as the aircraft leaves radar cover.

ENR 1.6.1.3 Graphic portrayal of area of radar coverage



ENR 1.6.1.4 A-SMGCS

The aerodrome control unit is mainly based on the determination of the aircraft and vehicle position on the manoeuvring area by visual observation of traffic and/or position reports.
The information shown on A-SMGCS display may be used to augment visual observation of traffic on the manoeuvring area and to provide surveillance of traffic on those parts of manoeuvring area which cannot be observed visually due to obstacle/visibility conditions. Radar separation is not provided.

The information displayed may be used to assist in:

- traffic monitoring on the manoeuvring area for compliance with clearances and instructions,
- determining that RWY is clear prior to landing/take off,
- providing essential local traffic information on/near the manoeuvring area,
- determining the location of aircraft/vehicle on the manoeuvring area,
- providing aircraft with directional taxi information when requested by flight crew or deemed necessary by air traffic controller (LVP),
- provide assistance to emergency vehicles,
- provide directional information and assistance to vehicle drivers on/near manoeuvring area in determining their position.

ENR 1.6.2 SECONDARY SURVEILLANCE RADAR (SSR)

ENR 1.6.2.1 Emergency procedures

ENR 1.6.2.1.1 In emergency situations, the pilot shall maintain the last assigned code, unless otherwise instructed.

ENR 1.6.2.1.2 In addition to ENR 1.6.2.1.1, the pilot may select Mode A, Code 7700, whenever he believes that would be the best coarse of action, in view of the nature of the situation.

ENR 1.6.2.1.3 A pilot experiencing the radio communication failure shall operate the SSR transponder to Mode A, Code 7600 and take actions prescribed for such a situation.

ENR 1.6.2.1.4 The pilot of an aircraft being subject to unlawful interference, shall endavor to set Mode A, Code 7500, to give the indication of the situation, unless circumstances justify the use of Code 7700. The pilot of an aircraft being intercepted by a military aircraft may apply the procedure in accordance with ENR 1.6.2.1.1, if he believes that it would be appropriate in view of the circumstances of the individual case.

ENR 1.6.2.1.5 When SSR transponder operates incorrectly on Mode C, the pilot shall, unless otherwise instructed, immediately inform ATC unit concerned and switch off altitude reporting and transmit the framing pulses of the Mode C response. Alternately, he shall switch off completely Mode C if the design of the SSR transponder does not permit procedures stated above and maintain the Mode A transmission.

If the design of the SSR transponder does not permit Modes A and C being switched off separately, the SSR transponder shall not be switched off without explicit instruction by ATC, to ensure continuous transmission of identification and position information via Mode A.

When entering the area of responsibility of an ATC unit, the pilot shall maintain undertaken measures and inform the ATC accordingly.

***Note**: Mode A/C, Codes 7500, 7600 and 7700 are permanently monitored in the Zagreb FIR/UIR.*

ENR 1.6.2.2 System of SSR Code assignment

NIL

ENR 1.7 ALTIMETER SETTING PROCEDURES

ENR 1.7.1 INTRODUCTION

The altimeter setting procedures in use generally conform to those contained in ICAO Doc 8168, Vol. I, Part 6 and are given in full below. Differences are shown in quotation marks.

Transition altitude is given on the instrument approach charts.

QNH reports and temperature information for use in determining adequate terrain clearance are provided in MET broadcasts and are available on request from the air traffic services units. QNH values are normally given in hectopascals.

ENR 1.7.2 BASIC ALTIMETER SETTING PROCEDURES

ENR 1.7.2.1 General

A transition altitude is specified as 10000 FT MSL.

ENR 1.7.2.1.1 Vertical positioning of aircraft when at or below the transition altitude is expressed in terms of altitude, whereas such positioning at or above the transition level is expressed in terms of flight levels. While passing through the transition layer, vertical positioning is expressed in terms of altitude when descending and in terms of flight levels when ascending.

ENR 1.7.2.1.2 Flight level zero is located at the atmospheric pressure level of 1013.25 HPA (29.92 in). Consecutive flight levels are separated by a pressure interval corresponding to 500 FT (152.4 M) in the standard atmosphere.

***Note**: Examples of the relationship between flight levels and altimeter indications are given in the following table, the metric equivalents being approximate:*

Flight level number	Altimeter indication	
	Feet	Metres
10	1000	300
15	1500	450
20	2000	600
50	5000	1500
100	10000	3050
150	15000	4550
200	20000	6100

ENR 1.7.2.2 Take-off and climb

ENR 1.7.2.2.1 A QNH altimeter setting is made available to aircraft as a part of departure information.

ENR 1.7.2.2.2 Vertical positioning of aircraft during climb is expressed in terms of altitudes until reaching the transition altitude above which vertical positioning is expressed in terms of flight levels.

ENR 1.7.2.3 Vertical separation - en-route

ENR 1.7.2.3.1 Vertical separation during en-route flight shall be expressed in terms of flight levels or altitudes when flying below transition altitude.

ENR 1.7.2.3.2 On VFR flights, at and below the transition altitude, the pilot shall set altimeter to the QNH value of the controlled aerodrome nearest to the route of the flight, if the flight exceeds the vicinity of the departure aerodrome.

ENR 1.7.2.3.3 IFR flights, and VFR flights above 900 M (3000 FT), when in level cruising flight, shall be flown at such levels, corresponding to the magnetic tracks shown in the following table, so as to provide the required terrain clearance:

	000° - 179°		180° - 359°	
	IFR	VFR	IFR	VFR
Level	1000 3000 5000 7000 9000 ... 270 290 330 etc.	 3500 5500 7500 9500 etc.	2000 4000 6000 8000 100 ... 280 310 350 etc.	 4500 6500 8500 105 etc.

***Note**: Some of the lower levels in the above table may not be usable due to terrain clearance (or MFA) for IFR flights requirements.*

ENR 1.7.2.4 Approach and landing

ENR 1.7.2.4.1 A QNH altimeter setting is made available by competent ATC unit, not later than passing transition level or together with the clearance to enter controlled airspace.

ENR 1.7.2.4.2 QFE altimeter settings are normally not available at controlled aerodromes, except for flights within a CTR, upon request and ATC approval.

ENR 1.7.2.4.3 Vertical positioning of aircraft during approach is controlled by reference to flight levels until reaching the transition level below which vertical positioning is controlled by reference to altitudes.

ENR 1.7.2.5 Missed approach

The relevant portions of ENR 1.7.2.1.1, ENR 1.7.2.2 and ENR 1.7.2.4 shall be applied in the event of a missed approach.

ENR 1.7.3 DESCRIPTION OF ALTIMETER SETTING REGION

Nil

ENR 1.7.4 PROCEDURES APPLICABLE TO OPERATORS (INCLUDING PILOTS)

ENR 1.7.4.1 Flight planning

The levels at which a flight is to be conducted shall be specified in a flight plan:

a. in terms of flight levels if the flight is to be conducted at or above the transition level, and

b. in terms of altitudes if the flight is to be conducted in the vicinity of an aerodrome and at or below the transition altitude.

The airspace between the transition level and the transition altitude is called transition layer. En-route horizontal flight is not permitted within the transition layer, except especially approved activities.

***Note 1**: Short flights in the vicinity of an aerodrome may often be conducted only at altitudes below the transition altitude.*

***Note 2**: Flight levels are specified in a plan by number and not in terms of feet or metres as is the case with altitudes.*

ENR 1.7.5 TABLE OF CRUISING LEVELS

MAGNETIC TRACK											
From 000 degrees to 179 degrees						From 180 degrees to 359 degrees					
IFR Flights			VFR Flights			IFR Flights			VFR Flights		
FL	ALTITUDE		FL	ALTITUDE		FL	ALTITUDE		FL	ALTITUDE	
	Metres	Feet		Metres	Feet		Metres	Feet		Metres	Feet
-90			-	-	-	0			-	-	-
10	300	1000	-	-	-	20	600	2000	-	-	-
30	900	3000	35	1050	3500	40	1200	4000	45	1350	4500
50	1500	5000	55	1700	5500	60	1850	6000	65	2000	6500
70	2150	7000	75	2300	7500	80	2450	8000	85	2600	8500
90	2750	9000	95	2900	9500	100	3050	10000	105	3200	10500
110	3350	11000	115	3500	11500	120	3650	12000	125	3800	12500
130	3950	13000	135	4100	13500	140	4250	14000	145	4400	14500
150	4550	15000	155	4700	15500	160	4900	16000	165	5050	16500
170	5200	17000	175	5350	17500	180	5500	18000	185	5650	18500
190	5800	19000	195	5950	19500	200	6100	20000	205	6250	20500
210	6400	21000	215	6550	21500	220	6700	22000	225	6850	22500
230	7000	23000	235	7150	23500	240	7300	24000	245	7450	24500
250	7600	25000	255	7750	25500	260	7900	26000	265	8100	26500
270	8250	27000	275	8400	27500	280	8550	28000	285	8700	28500
290	8850	29000				300	9150	30000			
310	9450	31000				320	9750	32000			
330	10050	33000				340	10350	34000			
350	10650	35000				360	10950	36000			
370	11300	37000				380	11600	38000			
390	11900	39000				400	12200	40000			
410	12500	41000				430	13100	43000			
450	13700	45000				470	14350	47000			
490	14950	49000				510	15550	51000			
etc.	etc.	etc.				etc.	etc.	etc.			
For the exceptions along the route segments see section ENR 3 (ATS and RNAV routes descriptions).											

THIS PAGE INTENTIONALLY LEFT BLANK

ENR 1.9.2. AIRSPACE MANAGEMENT OF THE REPUBLIC OF CROATIA

ENR 1.9.2.1 Introduction

The Flexible Use of Airspace, as an airspace management concept described by the International Civil Aviation Organization (ICAO) and developed by the European Organization for the Safety of Air Navigation (EUROCONTROL), is carried out in the Republic of Croatia in compliance with the Air Traffic Act (Official Gazette of the Republic of Croatia, issue No. 69/2009, 84/2011, 54/2013, 127/2013 and 92/2014), Commission Regulation (EC) No. 2150/2005 of 23 December 2005 laying down common rules for the flexible use of airspace and the Ordinance on Airspace Management (Official Gazette, issue No. 20/2023).

ENR 1.9.2.2 Terms

Terms related to Airspace Management and the operation of Unmanned Aircraft Systems (UAS) are published in the Ordinance on Airspace Management (Official Gazette, issue No. 20/2023).

ENR 1.9.2.3 Organization of Airspace Management in the Republic of Croatia

Airspace Management (ASM) is performed in accordance with the legal framework referred to above and in accordance with the strategy of ECAC states and the FUA Concept.

ASM is applied on three levels:

- Strategic ASM 1;
- Pre-tactical ASM 2;
- Tactical ASM 3.

Strategic Level - ASM 1

The National Airspace Management Committee represents the strategic ASM 1 level of ASM in the Republic of Croatia. This Committee is the national High-Level Airspace Policy Body (HLAPB) according to the Air Traffic Act (Official Gazette, issue No. 69/2009, 84/2011, 54/2013, 127/2013 and 92/2014) and Commission Regulation (EC) No. 2150/2005 of 23 December 2005 laying down common rules for the flexible use of airspace.

ASM 1 performs tasks in accordance with the EUROCONTROL ASM Handbook and Ordinance on Airspace Management (Official Gazette, issue No. 20/2023).

Contact:

Republic of Croatia
Ministry of the Sea, Transport and Infrastructure
Directorate for Air Traffic, Electronic Communications and Postal Services
National Airspace Management Committee
Mr. Dinko Staničić – Chairman of the Committee

Post: Ministry of the Sea, Transport and Infrastructure
Prisavlje 14
HR-10000 Zagreb
Croatia

Phone: +385 1 6169156

Fax: +385 1 6196393

Pre-Tactical Level - ASM 2

ASM 2 tasks in the Republic of Croatia are performed by the Airspace Management Cell (AMC) Croatia in accordance with the Air Traffic Act (Official Gazette, issue No. 69/2009, 84/2011, 54/2013, 127/2013 and 92/2014), Commission Regulation (EC) No. 2150/2005 of 23 December 2005 laying down common rules for the

flexible use of airspace and the Ordinance on Airspace Management (Official Gazette, issue No. 20/2023) and the EUROCONTROL ASM Handbook.

A joint civil and military AMC in the Republic of Croatia manages the airspace of the Republic of Croatia and airspace over the high seas within Zagreb FIR on a daily basis. Authorized approved agencies make requests for airspace allocations to the AMC, participate in the negotiation and coordination process initiated by the AMC, and utilize allocated flexible structures of airspace in accordance with the AMC airspace allocation.

For the use of airspace, all civil and military users shall contact the relevant approved agency.

Contact:

Airspace Management Cell (AMC) Croatia

AMC Military Part

Phone: +385 1 6259 660

AMC Civil Part

Phone: +385 1 6259 309

AFS: LDZOAMCX

Email: amc.ldzo@crocontrol.hr

URL: https://www.crocontrol.hr/, https://amc.crocontrol.hr/

Post: Croatia Control Ltd.
Airspace Management Cell (AMC) Croatia
P.O.B. 103
Rudolfa Fizira 2
HR-10410 Velika Gorica
Croatia

Working hours: Monday - Friday 0700 UTC (0600 UTC) - 1900 UTC (1800 UTC), except for Croatian national holidays.

Civil Approved Agency

Croatia Control Ltd.
Air Traffic Management Sector (ATM Sector)
Operations Support Center (COP)
Civil Approved Agency (CIV AA)

Phone: +385 1 6259592, +385 1 6259568, +385 1 6259492

Fax: +385 1 6259552

Email: civaa@crocontrol.hr

URL: https://amc.crocontrol.hr/

Post: Croatia Control Ltd.
Civil Approved Agency (CIV AA)
P.O.B. 103
Rudolfa Fizira 2
HR-10410 Velika Gorica
Croatia

Working hours: Monday - Friday 0630 UTC (0530 UTC) - 1430 UTC (1330 UTC), except for Croatian national holidays.

Military Approved Agency

Republic of Croatia
Ministry of Defense
Armed Forces of the Republic of Croatia
Croatian Air Force
Croatian Air Force Operations Center

Phone: +385 1 6228 337
+385 1 6228 338

Tactical Level - ASM 3

This level is performed by the competent ATC units and an appropriate military units in accordance with the Commission Regulation (EC) No. 2150/2005 of 23 December 2005 laying down common rules for the flexible use of airspace.

ENR 1.9.2.4 Airspace Use Plan (AUP) and Updated Airspace Use Plan (UUP)

The allocation of Croatian airspace is published by the AMC Croatia in the daily Airspace Use Plan (AUP). This AUP will be published by the Centralized Airspace Data Function (CADF) on the EUROCONTROL Network Operations Portal (NOP) at https://www.public.nm.eurocontrol.int/PUBPORTAL/gateway/spec/ in the European AUP/UUP (EAUP/EUUP) section.

The validity period of the AUP is from 0600 UTC D until 0600 UTC D+1.

Since updates to the AUP are possible, up to 31 UUPs can be released and published in accordance with the UUP procedure laid down in the AMC/CADF Operations Manual.

AMC Croatia also publishes the national AUP/UUP (National Airspace Use Plan - *NUP) on the dedicated AMC Portal website at https://amc.crocontrol.hr/.

The validity period of the national AUP is from 0600 UTC D until 0600 UTC D+1.

Since updates to the national AUP are possible, all national UUPs will be released and published in accordance with the national UUP procedure laid down in the AMC Croatia Operations Manual (see the AMC Portal website at https://amc.crocontrol.hr/).

ENR 1.9.2.5 Priority Rules for Airspace Reservations and Negotiation Procedures at Pre-tactical and Tactical Levels (ASM Level 2 and Level 3)

ENR 1.9.2.5.1 Introduction

The Flexible Use of Airspace is an airspace management concept described by the International Civil Aviation Organization (ICAO) and developed by the European Organization for the Safety of Air Navigation (Eurocontrol), based on the principle that airspace should not be designated as purely civil or military, but rather as a continuum in which all user requirements are accommodated to the greatest extent possible.

The described airspace availability principle should be based on the efficiency of its usage and clearly defined airspace allocation priority rules, having regard to defense, public, economic, commercial, and private users' needs.

Airspace Management (ASM) at Levels 2 and 3 is conducted by clear rules, procedures, and standards, to ensure a high level of airspace availability and usage efficiency, as well as all users' safety.

The Collaborative Decision Making (CDM) process at ASM Levels 2 and 3 aims to ensure efficient airspace usage based on the priority rules criteria, which are made at the strategic ASM level. At Levels 2 and 3, airspace users, Approved Agencies, the Airspace Management Cell (AMC), the Flow Management Position, and the competent Air Traffic Control participate in the CDM process, whereas the decision on airspace allocation is made by the AMC after completing the CDM process.

During the planning and allocation process, priority rules for the reservation of airspace are applied, and in the negotiation procedures, reducing the negative impact of airspace reservations on air traffic should be taken into account.

On the day of activity, during the ASM Level 3 procedures (activation, deactivation, reservation cancellation, and urgent activity discontinuation request), special emphasis is placed on the complexity of weather conditions and real operational conditions in air traffic and airspace, to keep all airspace users safe.

For activities demanding airspace reservation in special circumstances, due to the nature of their occurrence and need for quick airspace access, airspace has to be ensured as soon as possible for the activities to be conducted, applying measures for the safety of other airspace users.

These priority rules are used by the AMC (Level 2) and air traffic controllers (Level 3) to properly allocate previously reserved airspace as well as to set priorities in special circumstances (at Level 3).

ENR 1.9.2.5.2 Priority Rules for Planned Activities at ASM Levels 2 and 3

Having regard to the national interests of the Republic of Croatia and users' needs, the following priority list is laid down for planned activities requiring the reservation of airspace:

1. Control and protection of the state border of the Republic of Croatia and the Exclusive Economic Zone in the Adriatic Sea;
2. Aerial surveillance in the domain of police and customs tasks;
3. Protection of state authorities, critical infrastructure, and important persons;
4. Securing the area struck by a natural or technological disaster and/or catastrophe;
5. Celebrating state anniversaries, parades, and events organized by state administration bodies;
6. International military exercises and international exercises of other state administration bodies;
7. National military exercises and national exercises of other state administration bodies;
8. International air shows;
9. International aviation championships;
10. National aviation championships;
11. Military test flights;
12. Public interest activities (e.g. aerial work) conducted at the request of a competent state administration body;
13. Military and police training;
14. Training at the request of other state bodies;
15. Civil training flights;
16. Commercial manned aircraft aerial work operations;
17. Commercial unmanned aircraft aerial work operations;
18. Sports and recreational activities of manned aircraft and parachute jumps;
19. Sports and recreational activities of unmanned aircraft;
20. Releasing and launching objects into the atmosphere (e.g. unmanned free balloons, children's balloons, sky lanterns, fireworks, lighting effects...);
21. Experimental activities for educational purposes.

If more users submit a request for the same portion of airspace for an activity to be conducted at the same time and of the same priority level, the requested airspace will be allocated to the user whose request was submitted first. Alternatively, two or more users can agree to work together in the same airspace at the same time if they clearly designate the user responsible for the allocated airspace.

In case of unforeseen events, the AMC can decide to discontinue activities in reserved airspace in the following situations:

- Emergency flights;
- Flights of Croatian military aircraft for the protection of sovereignty of the Republic of Croatia (STS/PROTECTED);
- Search and rescue flights and humanitarian flights (STS/SAR/HUM);
- Medical flights transporting sick or injured persons requiring emergency medical assistance, including the flights for the purpose of providing emergency medical assistance to sick or injured persons, as well as flights transporting transplants, blood, and medication, including the flights for boarding patients, medication, transplants or blood at the destination (STS/HOSP);
- Flights for heads of states (STS/HEAD) and flights for prime ministers and other state officials with the established preferential status (STS/STATE);
- Interception training flights of Croatian military aircraft;
- Securing the area struck by a natural or technological disaster and/or catastrophe;
- Urgent police and customs operations.

For this purpose, all airspace users reserving airspace structures shall submit to the Airspace Management Cell the contact details of the person responsible/head of activities who shall be available for the Airspace Management Cell via a means of communication (mobile or fixed line) for the whole duration of the activity.
Observation flights according to international agreements binding on the Republic of Croatia are prioritized pursuant to the agreement in force.

ENR 1.9.2.5.3 Priority Rules in Special Circumstances

The AMC must, by establishing an ad hoc structure, in the most suitable way for the given airspace situation, restrict or prohibit flights and activities in a specific volume of airspace for all except the approved users in the following cases:

1. At the written request of competent state administration bodies, if necessary for the safety of air traffic and other airspace users' activities, due to the defense needs of the Republic of Croatia, military and police operations, search and rescue operations, fire control, the protection of state institutions, critical infrastructure and important persons, the protection from the emissions of hazardous and/or harmful substances, gases and phenomena, the Croatian state border control and protection, and the celebration of state anniversaries, parades and events organized by state administration bodies,

2. Due to real operational requirements for a period not longer than 48 hours, if necessary for the safety of air traffic and other airspace users' activities, due to the defense needs of the Republic of Croatia, military and police operations, search and rescue operations, fire control, the protection of state institutions, critical infrastructure and important persons, the protection from the emissions of hazardous and/or harmful substances, gases and phenomena, the Croatian state border control and protection, and the celebration of state anniversaries, parades and events organized by state administration bodies.

At the request of the AMC, and for the purpose of informing all airspace users, the air navigation service provider shall publish all relevant information in the manner customary in air traffic.

The air navigation service provider shall, at the written request of competent state administration bodies or the Croatian Civil Aviation Agency, temporarily prohibit or restrict flights in a specific portion of airspace or at a specific aerodrome, by issuing a navigational warning, if necessary for defense or national security needs or the safety of (an) aircraft or in case of major natural disasters, according to the international agreements binding on the Republic of Croatia or immediately if necessary due to special circumstances, and publish it in the

manner customary in air traffic.
Activities conducted in special circumstances are prioritized over all other airspace activities.

When establishing Ad-hoc structures **in special circumstances,** the AMC shall follow this priority list for allocating reserved airspace:

a. Protection of sovereignty of the Republic of Croatia,

b. Protection of state authorities, critical infrastructure, and important persons,

c. Securing, inspecting, and controlling an area struck by a natural or technological disaster and/or catastrophe,

d. Search and rescue at the request of a competent state administration body,

e. Police and customs operations,

f. Control of the state border and the Exclusive Economic Zone,

g. Unforeseeable operations by a competent state administration body.

ENR 1.9.2.6 Operational and Equipment Requirements for the Reservation, Definition of Areas and Rules of Conduct in Areas Published in ENR 5.1 and ENR 5.2

- **Danger Area - D**: An airspace structure of defined dimensions within which activities dangerous to the flight of aircraft may exist at specific times. In the context of the FUA concept, some D areas subject to management and allocation at Level 2 are established at Level 1 as “AMC-Manageable Areas” and identified as such in the AIP.

    - **Danger Area AMC Manageable - D-AMA:** A defined volume of airspace temporarily exempted from controlled airspace and inside which rules of the air for VFR flights in uncontrolled airspace are applied (G-class airspace).
      - The equipment requirements are the same as for the use of uncontrolled airspace (G-class airspace).
      - The operational requirement for airspace users is to register on the web AMC Portal (ENR 1.9.2.7.1) and follow the rules and procedures laid down in the Rules and Procedures published on the AMC Portal.

- **Temporary Reserved Area - TRA:** A defined volume of airspace under the jurisdiction of a user authorized by the National Airspace Management Committee, which is temporarily reserved for a specific use by a specific authority or user, through which other traffic may be allowed to transit, with an ATC clearance.

    - The equipment requirements are two-way radio communication and a transponder.

    - The operational requirements for airspace users are to file a flight plan in accordance with valid regulations, to register on the web AMC Portal and to follow the rules and procedures laid down in the Rules and Procedures published on the AMC Portal.

- **Temporary Segregated Area - TSA:** A defined volume of airspace under the jurisdiction of a user authorized by the National Airspace Management Committee, which is temporarily segregated for the exclusive use by a specific authority or user, through which other traffic will not be allowed to transit.

    - There are no equipment requirements.

    - The operational requirements for airspace users are to file a flight plan in accordance with valid regulations, to register on the web AMC Portal and follow the rules and procedures laid down in the Rules and Procedures for Reservations and Use of Airspace via AMC Portal System that are published on the AMC Portal.

Procedures for Operating Within the Areas

The procedures are laid down in the Rules and Procedures for Reservations and Use of Airspace via AMC Portal System that are published on the AMC Portal (ENR 1.9.2.7.1).

ENR 1.9.2.7 Tools for Managing Airspace of the Republic of Croatia and Informing Users

ENR 1.9.2.7.1 AMC Portal System

The AMC Portal System is a centralized Airspace Management (ASM) tool, serving as an ASM system for publishing information as a publicly available IT system through which the provider of ASM services publishes information to its users on the restrictions and prohibitions in airspace. To utilize all the functions of the AMC Portal System, users are required to register on the Portal's website.
The details on airspace reservations will be available to registered users only.

URL: https://amc.crocontrol.hr/

ENR 1.9.2.7.2 Informing of Users

Airspace users are informed about restrictions and prohibitions in airspace via Aeronautical Information Products and via the AMC Portal System. The AMC Portal System displays the actual occupancy of airspace in real time as well as the approved Airspace Use Plan and its amendments for the following period (AUP - Airspace Use Plan / UUP - Updated Airspace Use Plan / NUP - National Airspace Use Plan). The reservation of permanent structures published in the AIP of the Republic of Croatia is published by the AUP, UUP and/or NUP messages via the AMC Portal. For Zagreb FIR, detailed national AUPs and UUPs (NUPs) are issued via the ASM system for publishing information (the AMC Portal System).
The AMC publishes information regarding the flight operations of Unmanned Aircraft Systems via the AMC Portal, which serves as a publicly available system with the function of providing the Common Information Service.

ENR 1.9.2.7.3 Automatized Procedure for Establishing Ad-hoc Structures

This procedure is conducted via the AMC Portal Mobile application in real time on the day of activity of UAS flight operations if those operations are conducted within the UAS Approved Geographical Zone (UAG).

ENR 1.9.2.8 UAS Operations

In the context of Airspace Management, abiding by the principles laid down by the Regulation 2150/2005, with the aim to integrate Unmanned Aircraft Systems (UAS) into airspace pursuant to the regulations of the European Union (EU), UAS Geographical Zones are defined pursuant to the Commission Implementing Regulation (EU) 2019/947 of 24 MAY 2019 on the rules and procedures for the operation of unmanned aircraft and the Ordinance on Airspace Management (Official Gazette, issue No. 20/2023).
UAS operations are conducted in airspace of defined dimensions that is temporarily reserved exclusively for UAS flights, which is named UAS Temporary Reserved Area (UTR). Other manned aircraft are prohibited from flying through UTR areas and as such, they should be avoided by pilots. ASM service providers can prohibit other UASs from entering UTR areas at all times.

ENR 1.9.2.8.1 UAS Geographical Zones

UAS Geographical Zones are zones determined by a competent body to facilitate, restrict or prohibit UAS operations, in order to take into account the risks related to safety, privacy, personal data protection, security or the environment that stem from those operations. To enable and facilitate the informing of airspace users on the status of UAS Geographical Zones, the following airspace structures are introduced:

1. UAS Restricted Geographical Zone (URG): A part of airspace above a geographical zone determined by a competent body that is conditionally prohibited for UAS operations, but not for other aircraft and flight activities. UAS flight activities in this zone can be approved as an exception, in line with the laid down ASM procedures. In the context of the FUA concept, URG zones are established through the laid down ASM procedure, and, depending on the nature of the request, can be established temporarily or permanently at an appropriate ASM level.

2. UAS Limited Geographical Zone (ULG): A part of airspace above a geographical zone determined by a competent body that is restricted for UAS operations, depending on the characteristics of the UAS, type of allowed operations and/or the procedure for the approval of flight operations itself. Within this zone, an approval for conducting flight operations can be granted in line with the laid down ASM procedures. In the context of the FUA concept, ULG zones are established through the laid down ASM procedure, and depending on the nature of the request, can be established temporarily or permanently at an appropriate ASM level.

3. UAS Approved Geographical Zone (UAG): A part of airspace above a geographical zone determined by a competent body within which UAS operations can be conducted by the shortened procedure for the approval of flight operations. Within this zone, an approval for conducting UAS flight operations can be granted through the automatized procedure by a competent authority or service provider.

The following geographical zones are established in the control zone (CTR):

a. URG Zone – Within airspace bounded by the distance of 1500 M from the security fence of controlled aerodromes and 500 M laterally along the approach surface axis to the distance of 3500 M from the runway threshold;

b. ULG Zone – Within controlled airspace, higher than 50 M above ground or the surface of water outside of the URG zone;

c. UAG Zone – Within controlled airspace, MAX up to 50 M from ground level or the surface of water outside of the URG zone.

The following geographical zones are established outside of the control zone (CTR) and within Croatian airspace:

a. ULG Zone – Typically, higher than 120 M above ground level, and

b. UAG Zone – From ground level or the surface of water up to 120 M.

To conduct UAS operations in the vicinity of uncontrolled aerodromes, at distances shorter than 1500 M from the edges and 500 M laterally along the approach surface axis up to the distance of 2500 M from the runway threshold, prior consent of the operator of the uncontrolled aerodrome has to be obtained.
By the method of their publication, UAS Geographical Zones can be permanent or temporary, and they are shown on the AMC Portal. Permanent geographical zones are published in the AIP, ENR 6 “En-route charts”.

ENR 1.9.2.8.2 Establishing U-space

U-space airspace is a geographical zone established for conducting UAS flight operations, in which operations are permitted only with the support of U-space services.
U-space airspace can be established for security, safety, privacy or ecological reasons, and to propose its establishment, an airspace risk assessment has to be made.

Name-code designator	Coordinates	ATS route or other route	Remarks
1	2	3	4
ETVIM	443847.5N 0142616.2E		IAP: LDLO RWY 20
EVINI	450112N 0145854E	M986	FRA (I)
EVUGA	431541.3N 0162030.1E		LDSP IAP 23 LDSP STAR 23
GAPRI	434141N 0154801E		LDSP SID/STAR
GEKSI	445311.7N 0133706.9E		LDPL IAP 09 LDPL STAR 09
GELKO	445321.7N 0134408.5E		LDPL IAP 09
GEMKA	452813N 0141215E	L607	LDPL SID/STAR FRA (AD): LDPL; FRA (I) FRA (EX): 7500 FT AMSL - FL 205
GIRDA	452832N 0140802E	M178	LDPL SID/STAR LDRI STAR 14; LDRI IAP 14 LDRI STAR 32 FRA (AD): LDPL; FRA (A): LDRI; FRA (I) FRA (EX): 7500 FT AMSL - FL 205
GISAM	415507N 0174531E	N138	FRA (I)
GISER	450342N 0151026E	L862, L868	SID: LDLO RWY 02; LDLO RWY 20 STAR: LDLO RWY 02; LDLO RWY 20 FRA (A): LDLO; FRA(D): LDLO; FRA (I)
GODLA	454142.4N 0154308.3E		LDZA IAP 04 LDZA STAR 04
GORPA	454623N 0152112E		FRA (A): LJLJ; FRA (I)
GOTRI	431811.7N 0160821.4E		LDSP IAP 05 LDSP STAR 05
GUBOK	450241N 0175142E	Q571, N131	FRA (I)
HEPOZ	444316.2N 0142845.6E		SID: LDLO RWY 02 IAP: LDLO RWY 20
IBENI	440051N 0135518E	M986	FRA (I)
IDNUM	432307.4N 0160358.2E		LDSP IAP 23
IRBUL	432917.5N 0155638.4E		LDSP IAP 05 LDSP STAR 05
IPKIS	442206N 0141803E	M986	LDLO SID/STAR FRA (AD): LDLO; FRA (I)
IRDAX	452103.8N 0143157.0E		LDRI IAP 14 LDRI STAR 14
IXONA	445044N 0133256E		FRA (I)

Name-code designator	Coordinates	ATS route or other route	Remarks
1	2	3	4
JARBO	430451N 0161554E		LDSP IAP RWY 05/23
KATTI	423028N 0160256E	M169	FRA (I)
KEMIX	431842N 0155527E		LDSP IAP 05 LDSP SID 23 LDSP STAR LDSB STAR
KENEM	433800N 0165648E	Y88	LDSP SID 05; SID 23 LDSP STAR 05 LDSP STAR 23 FRA (AD): LDSP; FRA (I)
KOFER	415538N 0183949E	L611	FRA (A, D): LYTV; FRA (I)
KOHOD	444528.7N 0142055.9E		SID: LDLO RWY 02 STAR: LDLO RWY 20 IAP: LDLO RWY 20
KONAS	450012.5N 0133646.7E		LDPL IAP 09 LDPL STAR 09
KONUV	422609N 0182612E		FRA (I)
KOPRY	461425N 0165746E	M986	LDZA SID 04/22 FRA (EX) - Even FLs for all entering aircraft, Odd FLs for all exiting aircraft
KOREX	444616N 0154609E	L615	FRA (I)
KOTOR	452628N 0153420E	M986, T742	LDZA SID/STAR 04/22 FRA (AD): LDZA; FRA (I)
KUDUL	444011N 0150355E	L614	STAR: LDZD RWY 04, LDZD RWY 13/31 FRA (A): LDZD; FRA (I)
KULEN	450955N 0150801E	L868, M986, Y88	LDPL STAR 09/27 LDRI STAR 14/32 FRA (A): LDPL, LDRI; FRA (I)
KUPQA	453553.8N 0155058.8E		LDZA IAP 04
KUSIB	450853N 0162818E		FRA (I)
KUTIG	452605.5N 0183035.9E		LDOS IAP 11 LDOS STAR 11
LABIN	445909N 0130529E	L614	SID: LDLO RWY 02/20; STAR: LDLO RWY 02/20; LDPL RWY 09/27 FRA (I) FRA (D): LDLO FRA(A): LIPZ, LDPL, LDLO
LAKIK	453608N 0180551E	Q571, P735	LDOS STAR 11 LDOS SID 29 FRA (AD): LDOS; FRA (I)

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR11 454500N 0161500E - 453000N 0163618E - 452027N 0162101E - 453158N 0160515E - 454500N 0161500E	1000 FT AGL / GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP. From GND to 1000 FT AGL will be activated only by NOTAM minimum 24HR in advance.
LDTR12 451059N 0152743E - 450659N 0153343E - 445959N 0153643E - 445959N 0152743E - 450729N 0152243E - 451059N 0152743E	65650 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP. From GND to 1000 FT AGL will be activated only by NOTAM minimum 24HR in advance.
LDTR16 PODLAPACA 443445N 0153941E BIJELO-POLJE 444240N 0154530E VRSINA 442655N 0155900E GRACAC 441940N 0155037E PODLAPACA 443445N 0153941E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP. From GND to 1000 FT AGL will be activated only by NOTAM minimum 24HR in advance.
LDTR17 445200N 0135600E - 445200N 0140200E - 444407N 0140200E - 444407N 0135347E - 444800N 0134920E - 445200N 0135600E	FL 100 / GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP. From GND to 1000 FT AGL will be activated only by NOTAM minimum 24HR in advance..
LDTR18 444702N 0135352E - 444559N 0135944E - 442959N 0135944E - 442959N 0135114E - 443529N 0134144E - 444259N 0133414E - 444637N 0133921E - 444702N 0135352E	16400 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP. From GND to 1000 FT AGL will be activated only by NOTAM minimum 24HR in advance.
LDTR19A 441200N 0145143E - 434500N 0152743E - 433400N 0151343E - 433830N 0150443E - 435700N 0144243E - 435930N 0143743E - 440130N 0143513E - 441200N 0145143E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR19B 441200N 0145143E - 434500N 0152743E - 433400N 0151343E - 433830N 0150443E - 435700N 0144243E - 435930N 0143743E - 440130N 0143513E - 441200N 0145143E	FL 330/FL 120	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR20 440800N 0153743E - 440400N 0154043E - 440130N 0154053E - 435845N 0153943E - 440030N 0153343E - 440815N 0152813E - 440800N 0153743E	9850 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP. From GND to 1000 FT AGL will be activated only by NOTAM minimum 24HR in advance.
LDTR22 433800N 0155043E - 433300N 0155743E - 432800N 0155643E - 432730N 0153713E - 433600N 0153313E - 433800N 0155043E	36100 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP. From GND to 1000 FT AGL will be activated only by NOTAM minimum 24HR in advance.
LDTR23 A circle radius 2.4 NM centered on 440406N 0161623E	16400 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR24A 460348N 0165936E - 454501N 0174929E - 453135N 0174149E - 455259N 0164818E - 460348N 0165936E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR24AZ 460905N 0170037E - 460449N 0171205E - along the FIR BDRY Zagreb/Budapest - 454711N 0175558E - 454455N 0175708E - 452736N 0174713E - 452606N 0174104E - 454944N 0164200E - 455407N 0164037E - 460815N 0165523E - 460905N 0170037E	FL 120 /GND	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR24B 460348N 0165936E - 454501N 0174929E - 453135N 0174149E - 455259N 0164818E - 460348N 0165936E	FL 330/FL120	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR24BZ 460905N 0170037E - 460449N 0171205E along the FIR BDRY Zagreb/Budapest - 454711N 0175558E - 454455N 0175708E - 452736N 0174713E - 452606N 0174104E - 454944N 0164200E - 455407N 0164037E - 460815N 0165523E - 460905N 0170037E	FL 330 /FL 120	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR24C 460348N 0165936E - 454501N 0174929E - 453135N 0174149E - 455259N 0164818E - 460348N 0165936E	FL 660/FL330	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR24CZ 460905N 0170037E - 460449N 0171205E - along the FIR BDRY Zagreb/Budapest - 454711N 0175558E - 454455N 0175708E - 452736N 0174713E - 452606N 0174104E - 454944N 0164200E - 455407N 0164037E - 460815N 0165523E - 460905N 0170037E	FL 660 /FL 330	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR25A 455259N 0164818E - 453135N 0174149E - 451700N 0173334E - 454424N 0163924E - 455259N 0164818E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR25AZ 455817N 0164927E - 453458N 0174741E - 453127N 0174924E - 451253N 0173852E - 451131N 0173213E - 454132N 0163251E - 454538N 0163152E - 455728N 0164407E - 455817N 0164927E	FL 120 /GND	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR25B 455259N 0164818E - 453135N 0174149E - 451700N 0173334E - 454424N 0163924E - 455259N 0164818E	FL 330/FL120	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR25BZ 455817N 0164927E - 453458N 0174741E - 453127N 0174924E - 451253N 0173852E - 451131N 0173213E - 454132N 0163251E - 454538N 0163152E - 455728N 0164407E - 455817N 0164927E	FL 330/FL 120	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR25C 455259N 0164818E - 453135N 0174149E - 451700N 0173334E - 454424N 0163924E - 455259N 0164818E	FL 660/FL330	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR25CZ 455817N 0164927E - 453458N 0174741E - 453127N 0174924E - 451253N 0173852E - 451131N 0173213E - 454132N 0163251E - 454538N 0163152E - 455728N 0164407E - 455817N 0164927E	FL 660 /FL 330	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR26A 454501N 0174929E - 454256N 0181825E - 452818N 0182331E - 453135N 0174149E - 454501N 0174929E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR26AZ 454904N 0174514E - along the FIR BDRY Zagreb/Budapest - 454427N 0182514E - 452657N 0183117E - 452302N 0182622E - 452652N 0173733E - 453107N 0173354E - 454826N 0174345E - 454904N 0174514E	FL 120 /GND	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR26B 454501N 0174929E - 454256N 0181825E - 452818N 0182331E - 453135N 0174149E - 454501N 0174929E	FL 330/FL120	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR26BZ 454904N 0174514E - along the FIR BDRY Zagreb/Budapest - 454427N 0182514E - 452657N 0183117E - 452302N 0182622E - 452652N 0173733E - 453107N 0173354E - 454826N 0174345E - 454904N 0174514E	FL 330 /FL 120	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR26C 454501N 0174929E - 454256N 0181825E - 452818N 0182331E - 453135N 0174149E - 454501N 0174929E	FL 660/FL330	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR26CZ 454904N 0174514E - along the FIR BDRY Zagreb/Budapest - 454427N 0182514E - 452657N 0183117E - 452302N 0182622E - 452652N 0173733E - 453107N 0173354E - 454826N 0174345E - 454904N 0174514E	FL 660 /FL 330	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR27A 453135N 0174149E - 452818N 0182331E - 451525N 0182329E - 451700N 0173334E - 453135N 0174149E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR27AZ 453644N 0174012E - 453303N 0182701E - 453012N 0183037E - 451316N 0183033E - 451019N 0182610E - 451207N 0172938E - 451627N 0172538E - 453500N 0173606E - 453644N 0174012E	FL 120 /GND	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR27B 453135N 0174149E - 452818N 0182331E - 451525N 0182329E - 451700N 0173334E - 453135N 0174149E	FL 330/FL120	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR27BZ 453644N 0174012E - 453303N 0182701E - 453012N 0183037E - 451316N 0183033E - 451019N 0182610E - 451207N 0172938E - 451627N 0172538E - 453500N 0173606E - 453644N 0174012E	FL 330 /FL 120	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR27C 453135N 0174149E - 452818N 0182331E - 451525N 0182329E - 451700N 0173334E - 453135N 0174149E	FL 660/FL330	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR27CZ 453644N 0174012E - 453303N 0182701E - 453012N 0183037E - 451316N 0183033E - 451019N 0182610E - 451207N 0172938E - 451627N 0172538E - 453500N 0173606E - 453644N 0174012E	FL 660 /FL 330	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR28A 450427N 0151135E - 445131N 0153403E - 444046N 0155228E - 442100N 0151858E - 444722N 0145351E - 450427N 0151135E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR28AZ 450941N 0151341E - 445024N 0154703E - along the FIR BDRY Zagreb/Sarajevo - 443956N 0155928E - 443823N 0155928E - 441544N 0152102E - 441622N 0151456E - 444551N 0144648E - 444902N 0144652E - 450909N 0150742E - 450941N 0151341E	FL 120 /GND	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR28B 450427N 0151135E - 445131N 0153403E - 444046N 0155228E - 442100N 0151858E - 444722N 0145351E - 450427N 0151135E	FL 330/FL120	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR28BZ 450941N 0151341E - 445024N 0154703E - along the FIR BDRY Zagreb/Sarajevo - 443956N 0155928E - 443823N 0155928E - 441544N 0152102E - 441622N 0151456E - 444551N 0144648E - 444902N 0144652E - 450909N 0150742E - 450941N 0151341E	FL 330 /FL 120	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR28C 450427N 0151135E - 445131N 0153403E - 444046N 0155228E - 442100N 0151858E - 444722N 0145351E - 450427N 0151135E	FL 660/FL330	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR28CZ 450941N 0151341E - 445024N 0154703E - along the FIR BDRY Zagreb/Sarajevo - 443956N 0155928E - 443823N 0155928E - 441544N 0152102E - 441622N 0151456E - 444551N 0144648E - 444902N 0144652E - 450909N 0150742E - 450941N 0151341E	FL 660 /FL 330	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR29A 444046N 0155228E - 441354N 0161032E - 440150N 0155227E - 442100N 0151858E - 444046N 0155228E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR29AZ 444438N 0154801E - along the FIR BDRY Zagreb/Sarajevo - 441035N 0161547E - 435654N 0155517E - 435646N 0155008E - 441833N 0151203E - 442319N 0151157E - 444438N 0154801E	FL 120 /GND	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR29B 444046N 0155228E - 441354N0161032E - 440150N 0155227E - 442100N 0151858E - 444046N 0155228E	FL 330/FL120	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.
LDTR29BZ 444438N 0154801E - along the FIR BDRY Zagreb/Sarajevo - 441035N 0161547E - 435654N 0155517E - 435646N 0155008E - 441833N 0151203E - 442319N 0151157E - 444438N 0154801E	FL 330 /FL 120	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR29C 444046N 0155228E - 441354N 0161032E - 440150N 0155227E - 442100N 0151858E - 444046N 0155228E	FL 660/FL330	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR29CZ 444438N 0154801E - along the FIR BDRY Zagreb/Sarajevo - 441035N 0161547E - 435654N 0155517E - 435646N 0155008E - 441833N 0151203E - 442319N 0151157E - 444438N 0154801E	FL 660 /FL 330	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDTR30 451305N 0152340E - 451305N 0154130E - 450421N 0154130E - 445131N 0153403E - 450427N 0151135E - 451305N 0152340E	FL 220/GND	AMC MANAGEABLE AREA Military activities The area shall be entered and transited with prior permission from ATC only. Published by AUP/UUP.

ENR 5.2.3 TEMPORARY SEGREGATED AREAS (FOR MIL USE ONLY)

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS5 452100N 0182141E - 451700N 0181641E - 451900N 0181141E - 452100N 0181041E - 452200N 0181341E - 452100N 0182141E	32800 FT ALT/ GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS6 VIRJE 460348N 0165936E PITOMACA 455700N 0171406E TOPLOVICA 454642N 0171318E NARTA 455000N 0164848E VIRJE 460348N 0165936E	FL 190/GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS7 POPOVACA 453418N 0163742E IVANSKA 454648N 0164836E VELIKI ZDENCI 454018N 0170654E PAKRACKA POLJANA 452800N 0165918E POPOVACA 453418N 0163742E	FL 190/GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS8 452027N 0162101E - 453534N 0160017E - 454511N 0161601E - 453000N 0163618E - 452027N 0162101E	FL 330/GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS9 A circle radius 1.25 NM centered on 455412N 0155109E	2500 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS10 453742N 0154255E - 453100N 0155340E - 452654N 0154245E - 452940N 0153526E - 453742N 0154255E	1000 FT AGL / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS11 454500N 0161500E - 453000N 0163618E - 452027N 0162101E - 453158N 0160515E - 454500N 0161500E	1000 FT AGL / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS12 451059N 0152743E - 450659N 0153343E - 445959N 0153643E - 445959N 0152743E - 450729N 0152243E - 451059N 0152743E	65650 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS16 PODLAPACA 443445N 0153941E BIJELO-POLJE 444240N 0154530E VRSINA 442655N 0155900E GRACAC 441940N 0155037E PODLAPACA 443445N 0153941E	FL 120/GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS17 445200N 0135600E - 445200N 0140200E - 444407N 0140200E - 444407N 0135347E - 444800N 0134920E - 445200N 0135600E	FL 100 / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS18 444702N 0135352E - 444559N 0135944E - 442959N 0135944E - 442959N 0135114E - 443529N 0134144E - 444259N 0133414E - 444637N 0133921E - 444702N 0135352E	16400 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS19A 441200N 0145143E - 434500N 0152743E - 433400N 0151343E - 433830N 0150443E - 435700N 0144243E - 435930N 0143743E - 440130N 0143513E - 441200N 0145143E	FL 120 / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS19B 441200N 0145143E - 434500N 0152743E - 433400N 0151343E - 433830N 0150443E - 435700N 0144243E - 435930N 0143743E - 440130N 0143513E - 441200N 0145143E	FL 330 / FL 120	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP

Identification, name and lateral limits	Upper limit/ Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS20 440800N 0153743E - 440400N 0154043E - 440130N 0154053E - 435845N 0153943E - 440030N 0153343E - 440815N 0152813E - 440800N 0153743E	9850 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS22 433800N 0155043E - 433300N 0155743E - 432800N 0155643E - 432730N 0153713E - 433600N 0153313E - 433800N 0155043E	36100 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS23 A circle radius 2.4 NM centered on 440406N 0161623E.	16400 FT ALT / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.
LDTS30 451305N 0152340E - 451305N 0154130E - 450421N 0154130E - 445131N 0153403E - 450427N 0151135E - 451305N 0152340E	FL 220 / GND	AMC MANAGEABLE AREA Military activities The area shall be entered with prior permission from ATC only. Published by AUP/UUP From GND to 1000 FT AGL will be activated only by NOTAM minimum 24 HR in advance.

ENR 5.2.4 DANGER AREA OVER HIGH SEAS

Danger area over the high seas for heavy military air activity

Identification - Name - Lateral limits	Upper limit Lower limit	Type of activity	Remarks
1	2	3	4
LDD23A 434333N - 0150515E 430342N - 0160732E 424802N - 0153556E 432736N - 0143335E 434333N - 0150515E	FL120 / GND	Heavy military air activity	AMC MANAGEABLE AREA Published by AUP/UUP Active only as notified by NOTAM Real time activity information may be obtained from the relevant ATS unit.
LDD23AZ 434838N 0150317E - 434827N 0150800E - 430548N 0161434E - 430054N 0161406E - 424438N 0154113E - along the FIR BDRY Zagreb/ Brindisi - 433106N 0142830E - 434838N 0150317E	FL 120 / GND	Heavy military air activity	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDD23B 434333N - 0150515E 430342N - 0160732E 424802N - 0153556E 432736N - 0143335E 434333N - 0150515E	FL 330 / FL 120	Heavy military air activity	AMC MANAGEABLE AREA Published by AUP/UUP Real time activity information may be obtained from the relevant ATS unit.
LDD23BZ 434838N 0150317E - 434827N 0150800E - 430548N 0161434E - 430054N 0161406E - 424438N 0154113E - along the FIR BDRY Zagreb/ Brindisi - 433106N 0142830E - 434838N 0150317E	FL 330 / FL 120	Heavy military air activity	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LDD23C 434333N - 0150515E 430342N - 0160732E 424802N - 0153556E 432736N - 0143335E 434333N - 0150515E	FL 660 / FL 330	Heavy military air activity	AMC MANAGEABLE AREA Published by AUP/UUP Real time activity information may be obtained from the relevant ATS unit.

Identification - Name - Lateral limits	Upper limit Lower limit	Type of activity	Remarks
1	2	3	4
LDD23CZ 434838N 0150317E - 434827N 0150800E - 430548N 0161434E - 430054N 0161406E - 424438N 0154113E - along the FIR BDRY Zagreb/ Brindisi - 433106N 0142830E - 434838N 0150317E	FL 660 / FL 330	Heavy military air activity	AMC MANAGEABLE AREA Published by AUP/UUP. FBZ - Only for FPL validation.
LI/LD D35/A - CRIT Line joining following points: 444915N - 0124543E 444600N - 0133000E 443403N - 0134226E 441823N - 0140959E 435222N - 0144344E 434420N - 0142512E 434430N - 0140800E 434638N - 0135539E 440017N - 0132416E 444915N - 0124543E	FL125 / 5000 FT AMSL	Heavy military air activity	1) MON-THU H24 FRI 0000-1500 (0000-1400) SAT/HOL excluded Time in brackets refers to summer time. Other hours and days prior notice by NOTAM. 2) Responsible ATS Unit Padova Servizio Coordinamento e Controllo Aeronautica Militare (SCCAM)/Zagreb ACC MIL sector. 3) Information on effective occupation can be requested directly to Padova SCCAM/Zagreb ACC MIL sector or through Padova ACC/ Zagreb ACC Supervisor. 4) The airmen's attention is drawn to the dangerous nature of the activity taking place in this area. 5) The area can be allocated for civilian needs, if the areas are released by the proper ATS Unit.
LI/LD D35/B - CRIT Line joining following points: 444915N - 0124543E 444600N - 0133000E 443403N - 0134226E 441823N - 0140959E 435222N - 0144344E 434420N - 0142512E 434430N - 0140800E 435034N - 0133145E 444915N - 0124543E	FL280 / FL125	Heavy military air activity	1) "AMC manageable zone" 2) MON-THU H24 FRI 0000-1500 (0000-1400) SAT/HOL excluded Time in brackets refers to summer time. Other hours and days prior notice by NOTAM. 3) Responsible ATS Unit Padova SCCAM/ Zagreb ACC MIL sector. 4) Information on effective occupation can be requested directly to Padova SCCAM/Zagreb ACC MIL sector or through Padova ACC/ Zagreb ACC Supervisor. 5) The airmen's attention is drawn to the dangerous nature of the activity taking place in this area.

Identification - Name - Lateral limits	Upper limit Lower limit	Type of activity	Remarks
1	2	3	4
LI/LD D35/C - CRIT Line joining following points: 444915N - 0124543E 444600N - 0133000E 443403N - 0134226E 441823N - 0140959E 435222N - 0144344E 434420N - 0142512E 434430N - 0140800E 435034N - 0133145E 444915N - 0124543E	FL600 / FL280	Heavy military air activity	1) “AMC manageable zone” 2) MON-THU 0500-0900 (0400-0800) and 1700-2100 (1600-2000) FRI 0500-0900 (0400-0800) SAT/HOL excluded. Active 01 OCT - 31 MAY Other hours and days prior notice by NOTAM. 3) Responsible ATS Unit Padova SCCAM/ Zagreb ACC MIL sector. 4) Information on effective occupation can be requested directly to Padova SCCAM/Zagreb ACC MIL sector or through Padova ACC/ Zagreb ACC Supervisor. 5) The airmen’s attention is drawn to the dangerous nature of the activity taking place in this area. 6) Maximum allocation period for each slot will be two hours.
Danger area Flight Plan Buffer Zone over the high seas for heavy military air activity **LI/LD D35/CZ** Line joining following points: 445000N - 0131019E 444822N - 0133154E 443548N - 0134458E 442014N - 0141221E 435148N - 0144911E 434150N - 0142608E 434156N - 0141631E 443159N - 0131944E 445000N - 0131019E	FL600 / FL280	Heavy military air activity	1) “AMC manageable zone” 2) MON-THU 0500-0900 (0400-0800) and 1700-2100 (1600-2000) FRI 0500-0900 (0400-0800) SAT/HOL in Italy and/or Croatia excluded. Active 01 OCT - 31 MAY Time in brackets refers to summer time Other hours and days prior notice by NOTAM. 3) Responsible ATS Unit Padova SCCAM/ Zagreb ACC MIL sector. 4) Information on effective occupation can be requested directly to Padova SCCAM/Zagreb ACC MIL sector or through Padova ACC/ Zagreb ACC Supervisor. 5) The airmen’s attention is drawn to the dangerous nature of the activity taking place in this area. 6) LI/LD D35/CZ maximum allocation period for each slot will be two hours. FBZ in Zagreb FIR only.

ENR 5.2.5 SPECIAL CORRIDOR FOR NATO OPERATIONS

Nil

ENR 5.2.6 TEMPORARY RESERVED AREAS (CIV/MIL USE)

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR101 462834N 0163348E - 462601N 0162624E - 462101N 0162625E - 462354N 0161817E - along the FIR BDRY Zagreb/Ljubljana - 462834N 0163348 E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR102 462601N 0162624E - 462601N 0163338E - 462101N 0163338E - 462101N 0162625E - 462601N 0162624E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR103 462834N 0163348E along the FIR BDRY Zagreb/Budapest - 462133N 0165102E - 462233N 0163338E - 462601N 0163338E - 462601N 0162624E - 462834N 0163348E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR104 462233N 0163338E - 462133N 0165102E along the FIR BDRY Zagreb/Budapest - 461803N 0165306E - 461556N 0163629E - 461551N 0163240E - 462102N 0163050E - 462101N 0163338E - 462233N 0163338E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR105 462101N 0162625E - 462102N 0163050E - 461551N 0163240E - 461236N 0162520E - 461509N 0162226E - 461509N 0162637E - 462009N 0162637E - 462101N 0162625E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR106 462009N 0161924E - 462009N 0162637E - 461509N 0162637E - 461509N 0161925E - 462009N 0161924E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR107 462354N 0161817E - 462101N 0162625E - 462009N 0162637E - 462009N 0161924E - 461727N 0161924E - 461657N 0161113E - 462245N 0161147E along the FIR BDRY Zagreb/Ljubljana - 462354N 0161817E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR108 462245N 0161147E - 461657N 0161113E - 461708N 0155355E - along the FIR BDRY Zagreb/Ljubljana - 462245N 0161147E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR109 461803N 0165306E - along the FIR BDRY Zagreb/Budapest - 461449N 0165637E - 461031N 0164942E - 461556N 0163629E - 461803N 0165306E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR110 461556N 0163629E - 461031N 0164942E - 460118N 0163443E - 461551N 0163240E - 461556N 0163629E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR111 461551N 0163240E - 460118N 0163443E - 460711N 0162018E - 461009N 0161837E - 461236N 0162520E - 461551N 0163240E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR112 461657N 0161113E - 461727N 0161924E - 461509N 0161925E - 461509N 0162226E - 461236N 0162520E - 461009N 0161837E - 460951N 0161510E - 461657N 0161113E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR113 461708N 0155355E - 461657N 0161113E - 460951N 0161510E - 460955N 0154502E - 461333N 0155101E - 461708N 0155355E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR114 461449N 0165637E along the FIR BDRY Zagreb/Budapest - 461019N 0170830E - 460205N 0165449E - 461031N 0164942E - 461449N 0165637E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR115 461031N 0164942E - 460205N 0165449E - 455449N 0165029E - 460118N 0163443E - 461031N 0164942E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR116 461009N 0161837E - 460711N 0162018E - 460019N 0160709E - 460257N 0160504E - 460953N 0160803E - 460951N 0161510E - 461009N 0161837E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR117 460955N 0154502E - 460953N 0160803E - 460257N 0160504E - 460229N 0160002E - 460141N 0155511E - 460317N 0155510E - 460315N 0154856E - 460955N 0154502E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR118 460315N 0154759E - 460317N 0155510E - 455817N 0155513E - 455815N 0154803E - 460315N 0154759E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR119 461019N 0170830E - along the FIR BDRY Zagreb/Budapest - 455553N 0172323E - 455019N 0172148E - 460205N 0165449E - 461019N 0170830E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR120 460205N 0165449E - 455453N 0171124E - 455034N 0170608E - 455408N 0165344E - 455409N 0165005E - 460205N 0165449E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR121 460118N 0163443E - 455449N 0165029E - 455409N 0165005E - 455410N 0164635E - 455321N 0164634E - 455250N 0163810E - 455444N 0163052E - 460118N 0163443E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR122 460417N 0162726E - 460118N 0163443E - 455444N 0163052E - 460047N 0161944E - 460417N 0162726E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR123 460711N 0162018E - 460417N 0162726E - 460047N 0161944E - 460528N 0161700E - 460711N 0162018E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR124 460528N 0161700E - 460047N 0161944E - 455602N 0161007E - 460019N 0160709E - 460528N 0161700E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR125 460257N 0160504E - 460019N 0160709E - 455517N 0155745E - 460229N 0160002E - 460257N 0160504E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR126 460019N 0160709E - 455602N 0161007E - 455243N 0160204E - 455517N 0155745E - 460019N 0160709E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR127 460229N 0160002E - 455517N 0155745E - 455437N 0154954E - 455816N 0155220E - 455817N 0155513E - 460141N 0155511E - 460229N 0160002E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR128 455011N 0173958E - along the FIR BDRY Zagreb/Budapest - 454601N 0175154E - 453953N 0175225E - 454330N 0173924E - 455011N 0173958E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR129 455553N 0172323E - along the FIR BDRY Zagreb/Budapest - 455011N 0173958E - 454330N 0173924E - 455019N 0172148E - 455553N 0172323E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR130 455453N 0171124E - 455019N 0172148E - 454540N 0172053E - 454642N 0171318E - 455034N 0170608E - 455453N 0171124E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR131 455408N 0165344E - 455034N 0170608E - 454806N 0170355E - 454908N 0165342E - 455408N 0165344E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR132 455410N 0164635E - 455408N 0165344E - 454908N 0165342E - 454910N 0164633E - 455410N 0164635E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR133 455321N 0164634E - 454910N 0164633E - 454909N 0165040E - 454140N 0164406E - 454444N 0163911E - 455250N 0163810E - 455321N 0164634E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR134 455444N 0163052E - 455250N 0163810E - 454444N 0163911E - 454653N 0163333E - 455153N 0163334E - 455444N 0163052E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR135 455153N 0162624E - 455153N 0163334E - 454653N 0163333E - 454653N 0162625E - 455153N 0162624E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR136 454330N 0173924E - 453953N 0175225E - 453054N 0175152E - 453530N 0173618E - 454330N 0173924E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR137 455019N 0172148E - 454330N 0173924E - 453530N 0173618E - 453843N 0171930E - 455019N 0172148E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR138 454642N 0171318E - 454540N 0172053E - 453843N 0171930E - 453735N 0171617E - 453738N 0170909E - 453936N 0170851E - 454149N 0170931E - 454642N 0171318E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR139 455034N 0170608E - 454642N 0171318E - 454149N 0170931E - 453936N 0170851E - 454211N 0170137E - 454806N 0170355E - 455034N 0170608E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR140 454909N 0165040E - 454908N 0165342E - 454806N 0170355E - 454211N 0170137E - 454648N 0164836E - 454909N 0165040E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR141 454648N 0164836E - 454018N 0170654E - 453432N 0170320E - 454140N 0164406E - 454648N 0164836E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR142 454653N 0163003E - 454653N 0163333E - 454444N 0163911E - 454140N 0164406E - 453418N 0163742E - 453553N 0163314E - 454112N 0162122E - 454653N 0163003E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR143 453530N 0173618E - 453054N 0175152E - 452054N 0175148E - 452457N 0173323E - 453530N 0173618E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR144 453843N 0171930E - 453530N 0173618E - 452457N 0173323E - 452810N 0171629E - 453235N 0171613E - 453735N 0171617E - 453843N 0171930E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR145 453738N 0170909E - 453735N 0171617E - 453235N 0171613E - 453238N 0170906E - 453738N 0170909E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR146 453238N 0170906E - 453235N 0171613E - 452810N 0171629E - 452800N 0165918E - 453238N 0170906E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR147 454018N 0170654E - 453936N 0170851E - 453738N 0170909E - 453238N 0170906E - 452800N 0165918E - 454018N 0170654E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR148 454140N 0164406E - 453432N 0170320E - 452800N 0165918E - 453418N 0163742E - 454140N 0164406E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR149 454112N 0162122E - 453553N 0163314E - 452527N 0161701E - 452430N 0161530E - 453133N 0160549E - 454112N 0162122E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR150 452457N 0173323E - 452054N 0175148E - 451029N 0175144E - 451409N 0173147E - 452457N 0173323E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR151 452810N 0171629E - 452457N 0173323E - 451409N 0173147E - 451741N 0171216E - 452810N 0171629E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR152 452800N 0165918E - 452810N 0171629E - 451741N 0171216E - 452026N 0165843E - 452800N 0165918E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR153 453418N 0163742E - 452800N 0165918E - 452026N 0165843E - 452206N 0163436E - 453418N 0163742E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR154 453553N 0163314E - 453418N 0163742E - 452206N 0163436E - 452527N 0161701E - 453553N 0163314E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR155 453133N 0160549E - 452430N 0161530E - 451857N 0160642E - 452835N 0160105E - 453133N 0160549E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR156 452835N 0160105E - 451857N 0160642E - 451740N 0160439E - 451548N 0160315E - 451901N 0154049E - 452522N 0155607E - 452835N 0160105E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR157 453108N 0154527E - 452522N 0155607E - 451901N 0154049E - 452004N 0153556E - 453108N 0154527E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR158 453648N 0153549E - 453108N 0154527E - 452004N 0153556E - 452344N 0152558E - 453648N 0153549E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR159 453814N 0152323E - 453648N 0153549E - 453034N 0153107E - 453141N 0151849E - along the FIR BDRY Zagreb/Ljubljana - 453814N 0152323E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR160 453141N 0151849E - 453034N 0153107E - 452344N 0152558E - 452710N 0151943E - along the FIR BDRY Zagreb/Ljubljana - 453141N 0151849E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR161 451154N 0175545E - 451148N 0180249E - 450824N 0180243E - along the FIR BDRY Zagreb/Sarajevo - 450652N 0175754E - 450654N 0175537E - 451154N 0175545E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR162 451256N 0175144E - 451154N 0175545E - 450654N 0175537E - 450652N 0175754E- along the FIR BDRY Zagreb/Sarajevo - 450240N 0175142E - 451256N 0175144E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR163 451741N 0171216E - 451029N 0175144E - 450240N 0175142E - along the FIR BDRY Zagreb/Sarajevo - 450907N 0170949E - 451741N 0171216E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR164 452053N 0165227E - 452026N 0165843E - 451741N 0171216E - 450907N 0170949E - along the FIR BDRY Zagreb/Sarajevo - 451111N 0164948E - 452053N 0165227E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR165 452206N 0163436E - 452053N 0165227E - 451111N 0164948E - along the FIR BDRY Zagreb/Sarajevo - 451334N 0163139E - 452206N 0163436E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR166 452527N 0161701E - 452206N 0163436E - 451645N 0163245E - 451702N 0162533E - 451740N 0160439E - 452527N 0161701E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR167 451702N 0162533E - 451645N 0163245E - 451334N 0163139E - along the FIR BDRY Zagreb/Sarajevo - 450024N 0161707E - 450749N 0161557E - 451702N 0162533E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR168 451740N 0160439E - 451702N 0162533E - 450749N 0161557E - 451740N 0160439E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR169 451740N 0160439E - 450749N 0161557E - 450024N 0161707E along the FIR BDRY Zagreb/Sarajevo - 451254N 0160103E - 451740N 0160439E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR170 451901N 0154049E - 451548N 0160315E - 451254N 0160103E - along the FIR BDRY Zagreb/Sarajevo - 451144N 0154750E - 451349N 0154012E - 451901N 0154049E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR171 452004N 0153556E - 451901N 0154049E - 451349N 0154012E - 451557N 0152651E - 452004N 0153556E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR172 452344N 0152558E - 452004N 0153556E - 451557N 0152651E - 451931N 0152134E - 452344N 0152558E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR173 452710N 0151943E - 452344N 0152558E - 451931N 0152134E - 452533N 0151308E - along the FIR BDRY Zagreb/Ljubljana - 452710N 0151943E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR174 452512N 0142635E - 452520N 0143341E - 452020N 0143351E - 452012N 0142646E - 452512N 0142635E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR175 451055N 0133410E - 451105N 0134114E - 450606N 0134129E - 450555N 0133426E - 451055N 0133410E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR176 445313N 0151402E - 445317N 0152104E - 444817N 0152110E - 444813N 0151408E - 445313N 0151402E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR177 443623N 0142000E - 443631N 0142700E - 443131N 0142710E - 443123N 0142011E - 443623N 0142000E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR178 445632N 0154436E along the FIR BDRY Zagreb/Sarajevo - 442654N 0160836E - 441612N 0155610E - 444542N 0152144E - 444817N 0152110E - 445317N 0152104E - 445632N 0154436E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR179 442654N 0160836E - along the FIR BDRY Zagreb/Sarajevo - 440146N 0162857E - 435451N 0161912E - 440916N 0160409E - 441612N 0155610E - 442654N 0160836E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR180 440146N 0162857E - along the FIR BDRY Zagreb/Sarajevo - 433931N 0165510E - 433421N 0164538E - 434938N 0161841E - 435451N 0161912E - 440146N 0162857E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR181 434432N 0163650E - 434431N 0164344E - 433931N 0164343E - 433932N 0163650E - 434432N 0163650E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR182 431939N 0163722E - 431938N 0164413E - 431438N 0164412E - 431439N 0163721E - 431939N 0163722E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR183 431324N 0163435E - 431323N 0164126E - 430823N 0164125E - 430824N 0163435E - 431324N 0163435E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR184 461708N 0155355E - 461333N 0155101E - 460955N 0154502E - 461019N 0153701E - along the FIR BDRY Zagreb/Ljubljana - 461708N 0155355E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR185 461019N 0153701E - 460955N 0154502E - 460315N 0154856E - 460315N 0154759E - 460259N 0154330E - along the FIR BDRY Zagreb/Ljubljana - 461019N 0153701E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR186 460315N 0154759E - 455815N 0154803E - 455700N 0154236E - along the FIR BDRY Zagreb/Ljubljana - 460259N 0154330E - 460315N 0154759E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR187 455816N 0155220E - 455244N 0154839E - along the CTR Lucko BDRY - 454924N 0154424E - 455032N 0154043E - along the FIR BDRY Zagreb/Ljubljana - 455700N 0154236E - 455815N 0154803E - 455816N 0155220E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR188 455659N 0155447E - 455358N 0155653E - 454529N 0155632E - 454600N 0155055E - 455149N 0154802E - 455659N 0155447E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR189 460229N 0160002E - 455759N 0160607E - 454529N 0155632E - 454600N 0155055E - 455149N 0154802E - 460134N 0155432E - 460229N 0160002E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR190 455032N 0154043E - 454924N 0154424E - along the CTR Lucko BDRY - 454544N 0154248E - 454748N 0152821E - along the FIR BDRY Zagreb/Ljubljana - 455032N 0154043E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR191 454707N 0153314E - 454624N 0153807E - 453704N 0153329E - 453814N 0152323E - along the FIR BDRY Zagreb/Ljubljana - 453856N 0152427E - 454707N 0153314E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR192 454748N 0152821E - 454707N 0153314E - 453856N 0152427E - along the FIR BDRY Zagreb/Ljubljana - 454748N 0152821E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR193 451616N 0181817E - 451525N 0182421E - 450629N 0182332E - along the FIR BDRY Zagreb/Sarajevo - 450824N 0180243E - 451039N 0180247E - 451616N 0181817E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR194 451349N 0154012E - 451144N 0154750E - along the FIR BDRY Zagreb/Sarajevo - 445632N 0154436E - 445602N 0154054E - 445937N 0153901E - 451349N 0154012E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR195 451557N 0152651E - 451349N 0154012E - 445937N 0153901E - 445602N 0154054E - 445404N 0152642E - 450812N 0151530E - 451557N 0152651E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR196 450812N 0151530E - 445404N 0152642E - 445317N 0152104E - 445313N 0151402E - 444813N 0151408E - 444817N 0152110E - 444542N 0152144E - 443944N 0151423E - 445227N 0145913E - 450812N 0151530E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTR197 444542N 0152144E - 443632N 0153231E - 443050N 0152537E - 443250N 0152231E - 443944N 0151423E - 444542N 0152144E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR198 443632N 0153231E - 441711N 0155502E - 441503N 0154946E - 443050N 0152537E - 443632N 0153231E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR199 433931N 0165510E - along the FIR BDRY Zagreb/Sarajevo - 432808N 0171650E - 432700N 0171312E - 432400N 0170336E - 433421N 0164538E - 433931N 0165510E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.
LDTR200 430436N 0160751E - 430438N 0161440E - 425937N 0161441E - 425936N 0160752E - 430436N 0160751E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. From GND up to 1000 FT AGL active only by NOTAM issued on D-1. Subject to approval by relevant ATC Unit on the day of operations. Real time activity information may be obtained from the relevant ATS unit. Penetration possible after prior permission from ATC.

ENR 5.2.7 TEMPORARY SEGREGATED AREAS (CIV/MIL USE)

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS101 462834N 0163348E - 462601N 0162624E - 462101N 0162625E - 462354N 0161817E - along the FIR BDRY Zagreb/Ljubljana - 462834N 0163348 E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS102 462601N 0162624E - 462601N 0163338E - 462101N 0163338E - 462101N 0162625E - 462601N 0162624E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS103 462834N 0163348E along the FIR BDRY Zagreb/Budapest - 462133N 0165102E - 462233N 0163338E - 462601N 0163338E - 462601N 0162624E - 462834N 0163348E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS104 462233N 0163338E - 462133N 0165102E along the FIR BDRY Zagreb/Budapest - 461803N 0165306E - 461556N 0163629E - 461551N 0163240E - 462102N 0163050E - 462101N 0163338E - 462233N 0163338E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS105 462101N 0162625E - 462102N 0163050E - 461551N 0163240E - 461236N 0162520E - 461509N 0162226E - 461509N 0162637E - 462009N 0162637E - 462101N 0162625E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS106 462009N 0161924E - 462009N 0162637E - 461509N 0162637E - 461509N 0161925E - 462009N 0161924E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS107 462354N 0161817E - 462101N 0162625E - 462009N 0162637E - 462009N 0161924E - 461727N 0161924E - 461657N 0161113E - 462245N 0161147E along the FIR BDRY Zagreb/Ljubljana - 462354N 0161817E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS108 462245N 0161147E - 461657N 0161113E - 461708N 0155355E - along the FIR BDRY Zagreb/Ljubljana - 462245N 0161147E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS109 461803N 0165306E - along the FIR BDRY Zagreb/Budapest - 461449N 0165637E - 461031N 0164942E - 461556N 0163629E - 461803N 0165306E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS110 461556N 0163629E - 461031N 0164942E - 460118N 0163443E - 461551N 0163240E - 461556N 0163629E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS111 461551N 0163240E - 460118N 0163443E - 460711N 0162018E - 461009N 0161837E - 461236N 0162520E - 461551N 0163240E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS112 461657N 0161113E - 461727N 0161924E - 461509N 0161925E - 461509N 0162226E - 461236N 0162520E - 461009N 0161837E - 460951N 0161510E - 461657N 0161113E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS113 461708N 0155355E - 461657N 0161113E - 460951N 0161510E - 460955N 0154502E - 461333N 0155101E - 461708N 0155355E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS114 461449N 0165637E along the FIR BDRY Zagreb/Budapest - 461019N 0170830E - 460205N 0165449E - 461031N 0164942E - 461449N 0165637E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS115 461031N 0164942E - 460205N 0165449E - 455449N 0165029E - 460118N 0163443E - 461031N 0164942E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS116 461009N 0161837E - 460711N 0162018E - 460019N 0160709E - 460257N 0160504E - 460953N 0160803E - 460951N 0161510E - 461009N 0161837E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS117 460955N 0154502E - 460953N 0160803E - 460257N 0160504E - 460229N 0160002E - 460141N 0155511E - 460317N 0155510E - 460315N 0154856E - 460955N 0154502E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS118 460315N 0154759E - 460317N 0155510E - 455817N 0155513E - 455815N 0154803E - 460315N 0154759E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS119 461019N 0170830E - along the FIR BDRY Zagreb/Budapest - 455553N 0172323E - 455019N 0172148E - 460205N 0165449E - 461019N 0170830E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS120 460205N 0165449E - 455453N 0171124E - 455034N 0170608E - 455408N 0165344E - 455409N 0165005E - 460205N 0165449E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS121 460118N 0163443E - 455449N 0165029E - 455409N 0165005E - 455410N 0164635E - 455321N 0164634E - 455250N 0163810E - 455444N 0163052E - 460118N 0163443E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS122 460417N 0162726E - 460118N 0163443E - 455444N 0163052E - 460047N 0161944E - 460417N 0162726E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS123 460711N 0162018E - 460417N 0162726E - 460047N 0161944E - 460528N 0161700E - 460711N 0162018E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS124 460528N 0161700E - 460047N 0161944E - 455602N 0161007E - 460019N 0160709E - 460528N 0161700E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS125 460257N 0160504E - 460019N 0160709E - 455517N 0155745E - 460229N 0160002E - 460257N 0160504E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS126 460019N 0160709E - 455602N 0161007E - 455243N 0160204E - 455517N 0155745E - 460019N 0160709E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS127 460229N 0160002E - 455517N 0155745E - 455437N 0154954E - 455816N 0155220E - 455817N 0155513E - 460141N 0155511E - 460229N 0160002E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS128 455011N 0173958E - along the FIR BDRY Zagreb/Budapest - 454601N 0175154E - 453953N 0175225E - 454330N 0173924E - 455011N 0173958E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS129 455553N 0172323E - along the FIR BDRY Zagreb/Budapest - 455011N 0173958E - 454330N 0173924E - 455019N 0172148E - 455553N 0172323E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS130 455453N 0171124E - 455019N 0172148E - 454540N 0172053E - 454642N 0171318E - 455034N 0170608E - 455453N 0171124E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS131 455408N 0165344E - 455034N 0170608E - 454806N 0170355E - 454908N 0165342E - 455408N 0165344E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS132 455410N 0164635E - 455408N 0165344E - 454908N 0165342E - 454910N 0164633E - 455410N 0164635E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS133 455321N 0164634E - 454910N 0164633E - 454909N 0165040E - 454140N 0164406E - 454444N 0163911E - 455250N 0163810E - 455321N 0164634E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS134 455444N 0163052E - 455250N 0163810E - 454444N 0163911E - 454653N 0163333E - 455153N 0163334E - 455444N 0163052E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS135 455153N 0162624E - 455153N 0163334E - 454653N 0163333E - 454653N 0162625E - 455153N 0162624E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS136 454330N 0173924E - 453953N 0175225E - 453054N 0175152E - 453530N 0173618E - 454330N 0173924E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS137 455019N 0172148E - 454330N 0173924E - 453530N 0173618E - 453843N 0171930E - 455019N 0172148E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS138 454642N 0171318E - 454540N 0172053E - 453843N 0171930E - 453735N 0171617E - 453738N 0170909E - 453936N 0170851E - 454149N 0170931E - 454642N 0171318E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS139 455034N 0170608E - 454642N 0171318E - 454149N 0170931E - 453936N 0170851E - 454211N 0170137E - 454806N 0170355E - 455034N 0170608E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS140 454909N 0165040E - 454908N 0165342E - 454806N 0170355E - 454211N 0170137E - 454648N 0164836E - 454909N 0165040E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS141 454648N 0164836E - 454018N 0170654E - 453432N 0170320E - 454140N 0164406E - 454648N 0164836E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS142 454653N 0163003E - 454653N 0163333E - 454444N 0163911E - 454140N 0164406E - 453418N 0163742E - 453553N 0163314E - 454112N 0162122E - 454653N 0163003E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS143 453530N 0173618E - 453054N 0175152E - 452054N 0175148E - 452457N 0173323E - 453530N 0173618E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS144 453843N 0171930E - 453530N 0173618E - 452457N 0173323E - 452810N 0171629E - 453235N 0171613E - 453735N 0171617E - 453843N 0171930E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS145 453738N 0170909E - 453735N 0171617E - 453235N 0171613E - 453238N 0170906E - 453738N 0170909E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS146 453238N 0170906E - 453235N 0171613E - 452810N 0171629E - 452800N 0165918E - 453238N 0170906E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS147 454018N 0170654E - 453936N 0170851E - 453738N 0170909E - 453238N 0170906E - 452800N 0165918E - 454018N 0170654E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS148 454140N 0164406E - 453432N 0170320E - 452800N 0165918E - 453418N 0163742E - 454140N 0164406E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS149 454112N 0162122E - 453553N 0163314E - 452527N 0161701E - 452430N 0161530E - 453133N 0160549E - 454112N 0162122E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS150 452457N 0173323E - 452054N 0175148E - 451029N 0175144E - 451409N 0173147E - 452457N 0173323E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS151 452810N 0171629E - 452457N 0173323E - 451409N 0173147E - 451741N 0171216E - 452810N 0171629E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS152 452800N 0165918E - 452810N 0171629E - 451741N 0171216E - 452026N 0165843E - 452800N 0165918E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS153 453418N 0163742E - 452800N 0165918E - 452026N 0165843E - 452206N 0163436E - 453418N 0163742E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS154 453553N 0163314E - 453418N 0163742E - 452206N 0163436E - 452527N 0161701E - 453553N 0163314E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS155 453133N 0160549E - 452430N 0161530E - 451857N 0160642E - 452835N 0160105E - 453133N 0160549E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS156 452835N 0160105E - 451857N 0160642E - 451740N 0160439E - 451548N 0160315E - 451901N 0154049E - 452522N 0155607E - 452835N 0160105E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS157 453108N 0154527E - 452522N 0155607E - 451901N 0154049E - 452004N 0153556E - 453108N 0154527E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS158 453648N 0153549E - 453108N 0154527E - 452004N 0153556E - 452344N 0152558E - 453648N 0153549E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS159 453814N 0152323E - 453648N 0153549E - 453034N 0153107E - 453141N 0151849E - along the FIR BDRY Zagreb/Ljubljana - 453814N 0152323E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS160 453141N 0151849E - 453034N 0153107E - 452344N 0152558E - 452710N 0151943E - along the FIR BDRY Zagreb/Ljubljana - 453141N 0151849E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS161 451154N 0175545E - 451148N 0180249E - 450824N 0180243E - along the FIR BDRY Zagreb/Sarajevo - 450652N 0175754E - 450654N 0175537E - 451154N 0175545E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS162 451256N 0175144E - 451154N 0175545E - 450654N 0175537E - 450652N 0175754E- along the FIR BDRY Zagreb/Sarajevo - 450240N 0175142E - 451256N 0175144E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS163 451741N 0171216E - 451029N 0175144E - 450240N 0175142E - along the FIR BDRY Zagreb/Sarajevo - 450907N 0170949E - 451741N 0171216E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS164 452053N 0165227E - 452026N 0165843E - 451741N 0171216E - 450907N 0170949E - along the FIR BDRY Zagreb/Sarajevo - 451111N 0164948E - 452053N 0165227E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS165 452206N 0163436E - 452053N 0165227E - 451111N 0164948E - along the FIR BDRY Zagreb/Sarajevo - 451334N 0163139E - 452206N 0163436E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS166 452527N 0161701E - 452206N 0163436E - 451645N 0163245E - 451702N 0162533E - 451740N 0160439E - 452527N 0161701E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS167 451702N 0162533E - 451645N 0163245E - 451334N 0163139E - along the FIR BDRY Zagreb/Sarajevo - 450024N 0161707E - 450749N 0161557E - 451702N 0162533E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS168 451740N 0160439E - 451702N 0162533E - 450749N 0161557E - 451740N 0160439E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS169 451740N 0160439E - 450749N 0161557E - 450024N 0161707E along the FIR BDRY Zagreb/Sarajevo - 451254N 0160103E - 451740N 0160439E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS170 451901N 0154049E - 451548N 0160315E - 451254N 0160103E - along the FIR BDRY Zagreb/Sarajevo - 451144N 0154750E - 451349N 0154012E - 451901N 0154049E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS171 452004N 0153556E - 451901N 0154049E - 451349N 0154012E - 451557N 0152651E - 452004N 0153556E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS172 452344N 0152558E - 452004N 0153556E - 451557N 0152651E - 451931N 0152134E - 452344N 0152558E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS173 452710N 0151943E - 452344N 0152558E - 451931N 0152134E - 452533N 0151308E - along the FIR BDRY Zagreb/Ljubljana - 452710N 0151943E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS174 452512N 0142635E - 452520N 0143341E - 452020N 0143351E - 452012N 0142646E - 452512N 0142635E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS175 451055N 0133410E - 451105N 0134114E - 450606N 0134129E - 450555N 0133426E - 451055N 0133410E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS176 445313N 0151402E - 445317N 0152104E - 444817N 0152110E - 444813N 0151408E - 445313N 0151402E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS177 443623N 0142000E - 443631N 0142700E - 443131N 0142710E - 443123N 0142011E - 443623N 0142000E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS178 445632N 0154436E along the FIR BDRY Zagreb/Sarajevo - 442654N 0160836E - 441612N 0155610E - 444542N 0152144E - 444817N 0152110E - 445317N 0152104E - 445632N 0154436E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS179 442654N 0160836E - along the FIR BDRY Zagreb/Sarajevo - 440146N 0162857E - 435451N 0161912E - 440916N 0160409E - 441612N 0155610E - 442654N 0160836E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS180 440146N 0162857E - along the FIR BDRY Zagreb/Sarajevo - 433931N 0165510E - 433421N 0164538E - 434938N 0161841E - 435451N 0161912E - 440146N 0162857E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS181 434432N 0163650E - 434431N 0164344E - 433931N 0164343E - 433932N 0163650E - 434432N 0163650E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS182 431939N 0163722E - 431938N 0164413E - 431438N 0164412E - 431439N 0163721E - 431939N 0163722E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS183 431324N 0163435E - 431323N 0164126E - 430823N 0164125E - 430824N 0163435E - 431324N 0163435E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS184 461708N 0155355E - 461333N 0155101E - 460955N 0154502E - 461019N 0153701E - along the FIR BDRY Zagreb/Ljubljana - 461708N 0155355E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS185 461019N 0153701E - 460955N 0154502E - 460315N 0154856E - 460315N 0154759E - 460259N 0154330E - along the FIR BDRY Zagreb/Ljubljana - 461019N 0153701E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS186 460315N 0154759E - 455815N 0154803E - 455700N 0154236E - along the FIR BDRY Zagreb/Ljubljana - 460259N 0154330E - 460315N 0154759E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS187 455816N 0155220E - 455244N 0154839E - along the CTR Lucko BDRY - 454924N 0154424E - 455032N 0154043E - along the FIR BDRY Zagreb/Ljubljana - 455700N 0154236E - 455815N 0154803E - 455816N 0155220E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS188 455659N 0155447E - 455358N 0155653E - 454529N 0155632E - 454600N 0155055E - 455149N 0154802E - 455659N 0155447E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS189 460229N 0160002E - 455759N 0160607E - 454529N 0155632E - 454600N 0155055E - 455149N 0154802E - 460134N 0155432E - 460229N 0160002E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS190 455032N 0154043E - 454924N 0154424E - along the CTR Lucko BDRY - 454544N 0154248E - 454748N 0152821E - along the FIR BDRY Zagreb/Ljubljana - 455032N 0154043E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS191 454707N 0153314E - 454624N 0153807E - 453704N 0153329E - 453814N 0152323E - along the FIR BDRY Zagreb/Ljubljana - 453856N 0152427E - 454707N 0153314E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS192 454748N 0152821E - 454707N 0153314E - 453856N 0152427E - along the FIR BDRY Zagreb/Ljubljana - 454748N 0152821E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS193 451616N 0181817E - 451525N 0182421E - 450629N 0182332E - along the FIR BDRY Zagreb/Sarajevo - 450824N 0180243E - 451039N 0180247E - 451616N 0181817E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS194 451349N 0154012E - 451144N 0154750E - along the FIR BDRY Zagreb/Sarajevo - 445632N 0154436E - 445602N 0154054E - 445937N 0153901E - 451349N 0154012E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS195 451557N 0152651E - 451349N 0154012E - 445937N 0153901E - 445602N 0154054E - 445404N 0152642E - 450812N 0151530E - 451557N 0152651E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS196 450812N 0151530E - 445404N 0152642E - 445317N 0152104E - 445313N 0151402E - 444813N 0151408E - 444817N 0152110E - 444542N 0152144E - 443944N 0151423E - 445227N 0145913E - 450812N 0151530E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

Identification, name and lateral limits	Upper limit / Lower limit	Remarks (time of activity, type of restriction, nature of hazard, risk of interception)
1	2	3
LDTS197 444542N 0152144E - 443632N 0153231E - 443050N 0152537E - 443250N 0152231E - 443944N 0151423E - 444542N 0152144E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS198 443632N 0153231E - 441711N 0155502E - 441503N 0154946E - 443050N 0152537E - 443632N 0153231E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS199 433931N 0165510E - along the FIR BDRY Zagreb/Sarajevo - 432808N 0171650E - 432700N 0171312E - 432400N 0170336E - 433421N 0164538E - 433931N 0165510E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.
LDTS200 430436N 0160751E - 430438N 0161440E - 425937N 0161441E - 425936N 0160752E - 430436N 0160751E	9500 FT ALT / GND	AMC MANAGEABLE AREA Planned hours notified by national AUP/UUP. Active only by NOTAM issued on D-1. Real time activity information may be obtained from the relevant ATS unit.

ENR 5.4 AIR NAVIGATION OBSTACLES

Designation	Type of obstacle	Coordinates	ELEV/HGT GND	OBST LGT Type/Colour
1	2	3	4	5
BELJE	Antenna mast	454746N 0184128E	1513FT / 722FT	Medium-Intensity Type C/Red
BORINCI	Antenna mast	451814N 0184426E	898FT / 562FT	Medium-Intensity Type C/Red
JOSIPOVAC	Antenna mast	453332N 0183515E	656FT / 362FT	Nil/Red
PSUNJ	Antenna mast	452308N 0171956E	3645FT / 417FT	Nil/Red
TOPLANA FOLNEGOVICEVO	Chimney	454652N 0160100E	1038FT / Nil	Medium-Intensity Type C/Red Low-Intensity Type B/Red
TOPLANA OSIJEK	Chimney	453232N 0184444E	689FT / 393FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
TOPLANA TRESNJEVKA	Chimney	454822N 0155659E	1044FT / Nil	Nil/Red
TORANJ SLJEME	Antenna mast	455358N 0155653E	3929FT / 561FT	Medium-Intensity Type C/Red
ZADAR 1200 STUP 2	Antenna mast	441352N 0151415E	529FT / 447FT	Nil/Red
MS VISOKA	Wind speed measuring pillar	434055N 0163617E	3272FT / 361FT	Nil
VA4 (BRUVNO)	Windmill	442501N 0155354E	3124FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA7 (BRUVNO)	Windmill	442459N 0155410E	3126FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA10 (BRUVNO)	Windmill	442512N 0155438E	3062FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA11 (BRUVNO)	Windmill	442441N 0155421E	3087FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA12 (BRUVNO)	Windmill	442453N 0155440E	3085FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red

Designation	Type of obstacle	Coordinates	ELEV/HGT GND	OBST LGT Type/Colour
1	2	3	4	5
VA13 (BRUVNO)	Windmill	442502N 0155458E	3083FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA14 (BRUVNO)	Windmill	442424N 0155412E	3152FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA15 (BRUVNO)	Windmill	442429N 0155430E	3054FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA16 (BRUVNO)	Windmill	442431N 0155456E	3100FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA17 (BRUVNO)	Windmill	442444N 0155458E	3093FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type E/Red
VA11 (VE ZD2P)	Windmill	440551N 154346E	2596FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA12 (VE ZD2P)	Windmill	440604N 154323E	2550FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA13 (VE ZD2P)	Windmill	440529N 154440E	2475FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA14 (VE ZD2P)	Windmill	440516N 154441E	2543FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA21 (VE ZD2P)	Windmill	440739N 154129E	2714FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA22 (VE ZD2P)	Windmill	440723N 154146E	2636FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA23 (VE ZD2P)	Windmill	440715N 154153E	2737FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red

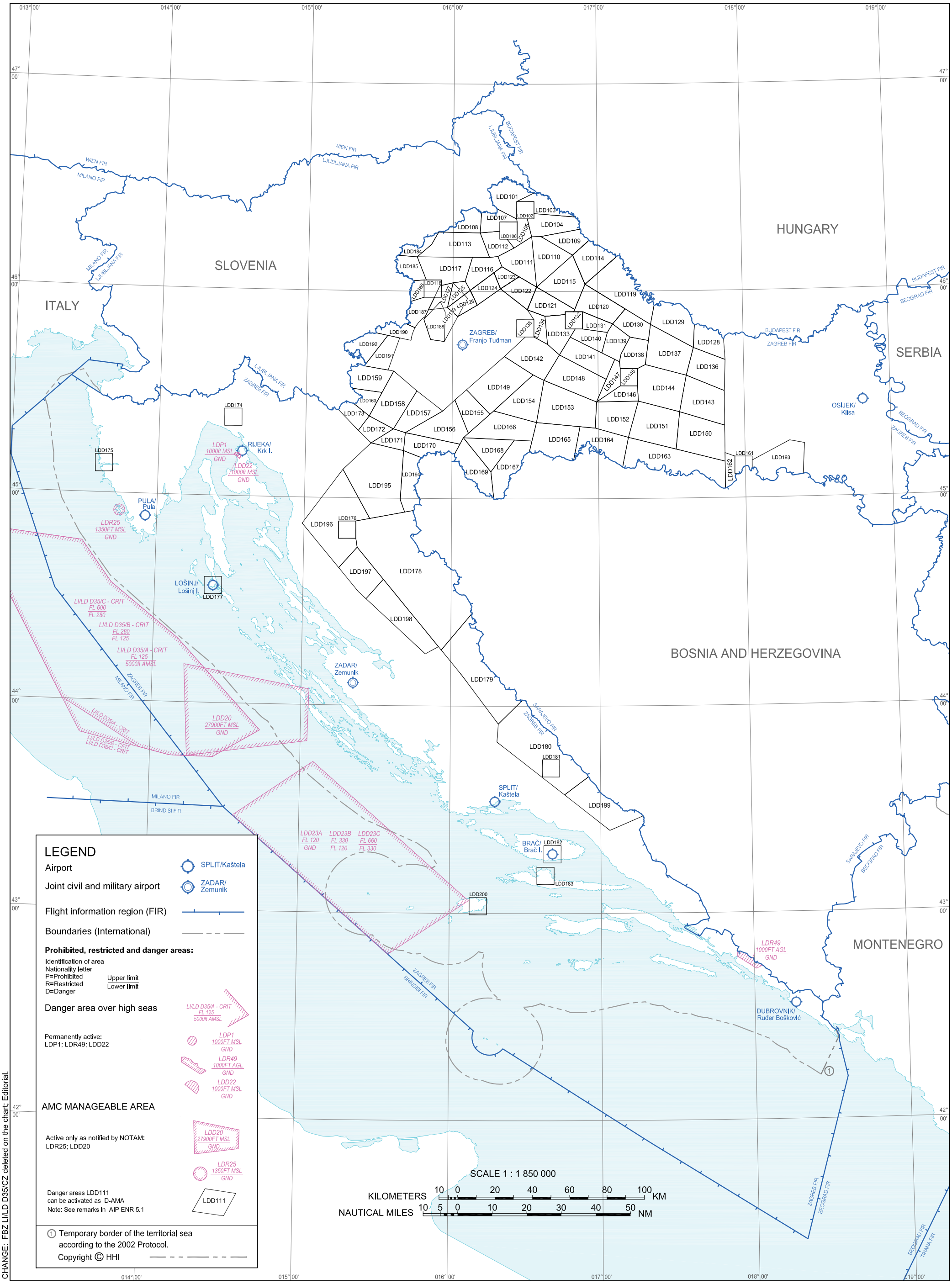
Designation	Type of obstacle	Coordinates	ELEV/HGT GND	OBST LGT Type/Colour
1	2	3	4	5
VA24 (VE ZD2P)	Windmill	440521N 154424E	2647FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA31 (VE ZD2P)	Windmill	440705N 154218E	2650FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA32 (VE ZD2P)	Windmill	440648N 154230E	2550FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA33 (VE ZD2P)	Windmill	440640N 154246E	2576FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA35 (VE ZD2P)	Windmill	440729N 154135E	2610FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA36 (VE ZD2P)	Windmill	440554N 154402E	2515FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA37 (VE ZD2P)	Windmill	440549N 154419E	2438FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA38 (VE ZD2P)	Windmill	440539N 154432E	2489FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA11 (VE ZD3P)	Windmill	440359N 154555E	2334FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA12 (VE ZD3P)	Windmill	440422N 154542E	2334FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA13 (VE ZD3P)	Windmill	440355N 154642E	2073FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA14 (VE ZD3P)	Windmill	440408N 154714E	1969FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red

Designation	Type of obstacle	Coordinates	ELEV/HGT GND	OBST LGT Type/Colour
1	2	3	4	5
VA15 (VE ZD3P)	Windmill	440331N 154801E	2153FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA21 (VE ZD3P)	Windmill	440432N 154539E	2314FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA22 (VE ZD3P)	Windmill	440329N 154717E	1930FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA23 (VE ZD3P)	Windmill	440336N 154701E	2002FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA25 (VE ZD3P)	Windmill	440349N 154806E	1984FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red
VA26 (VE ZD3P)	Windmill	440308N 154825E	2096FT / 589FT	Medium-Intensity Type B/Red Low-Intensity Type B/Red

ENR 6 EN-ROUTE CHARTS

THIS PAGE INTENTIONALLY LEFT BLANK

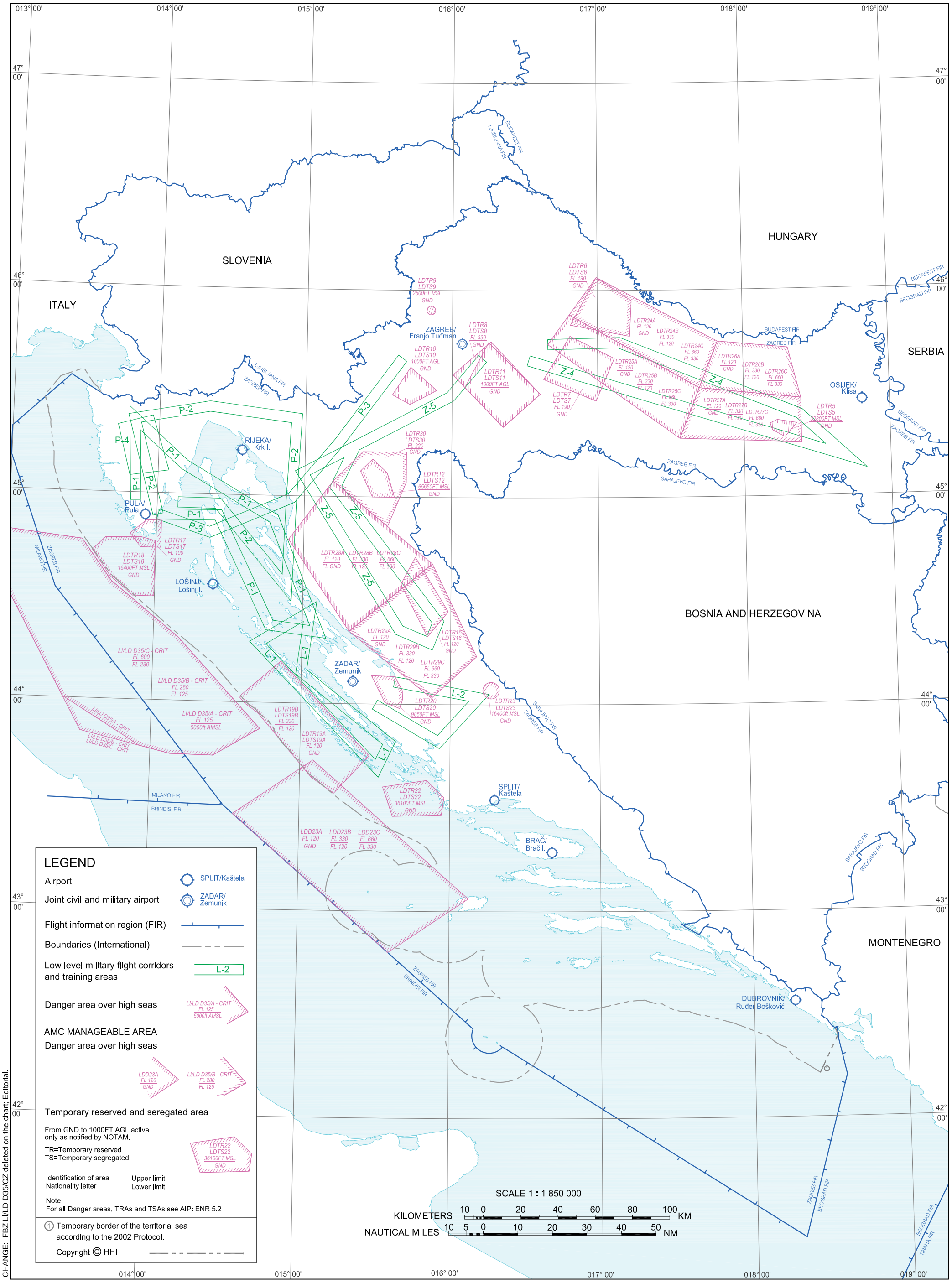
PROHIBITED, RESTRICTED AND DANGER AREAS - INDEX CHART



CHANGE: FBZ LI/LD D35/CZ deleted on the chart; Editorial.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

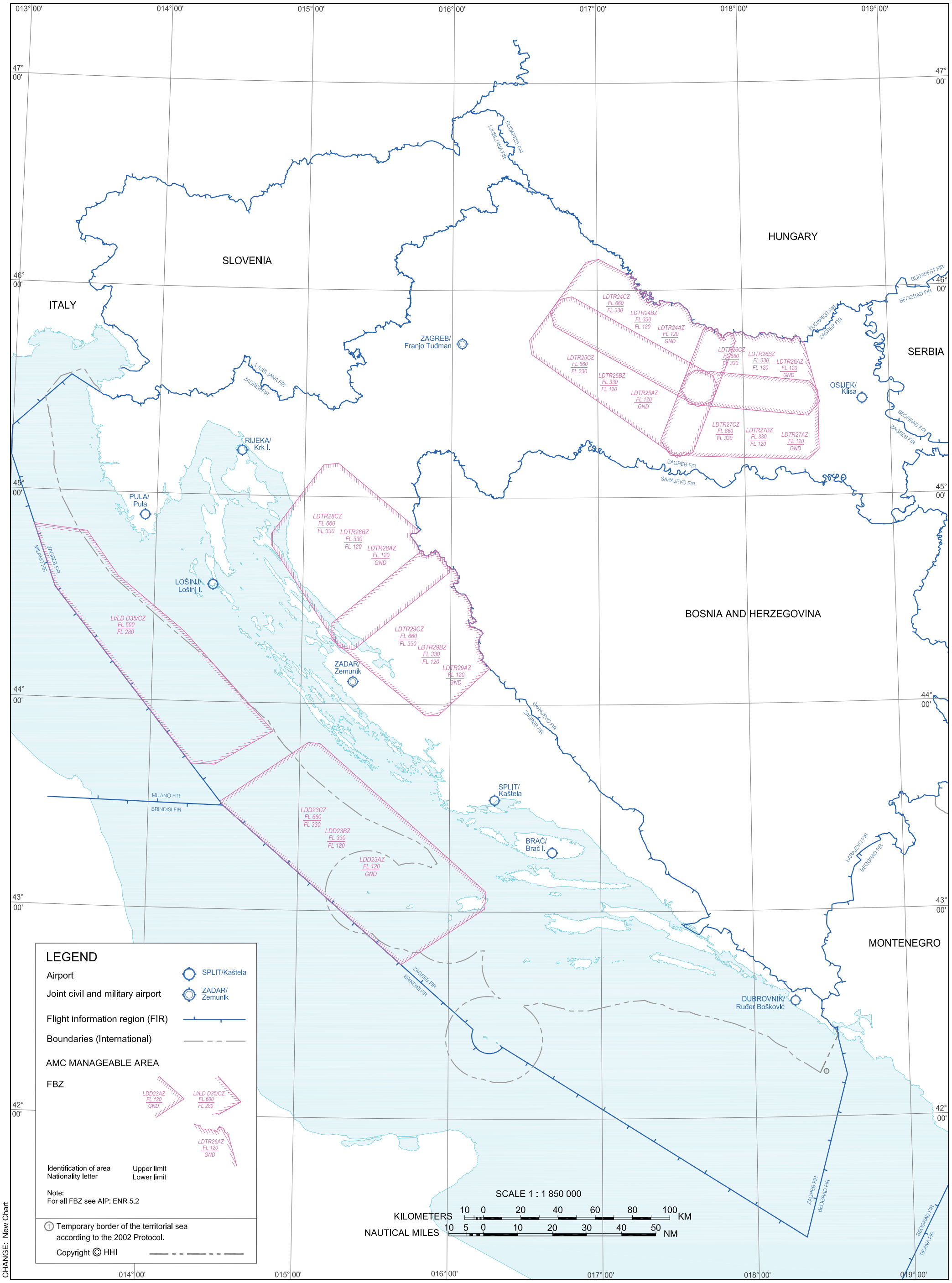
MILITARY EXERCISE AND TRAINING AREAS, TRA AND TSA - INDEX CHART



CHANGE: FBZ LI/LD D35/CZ deleted on the chart; Editorial.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

FBZ - MILITARY EXERCISE AND TRAINING AREAS, TRA AND TSA - INDEX CHART



CHANGE: New Chart

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

FREE ROUTE AIRSPACE
ZAGREB FIR

FL 660
FL 205

SECSI FRA

Effective date: 16 MAY 2024

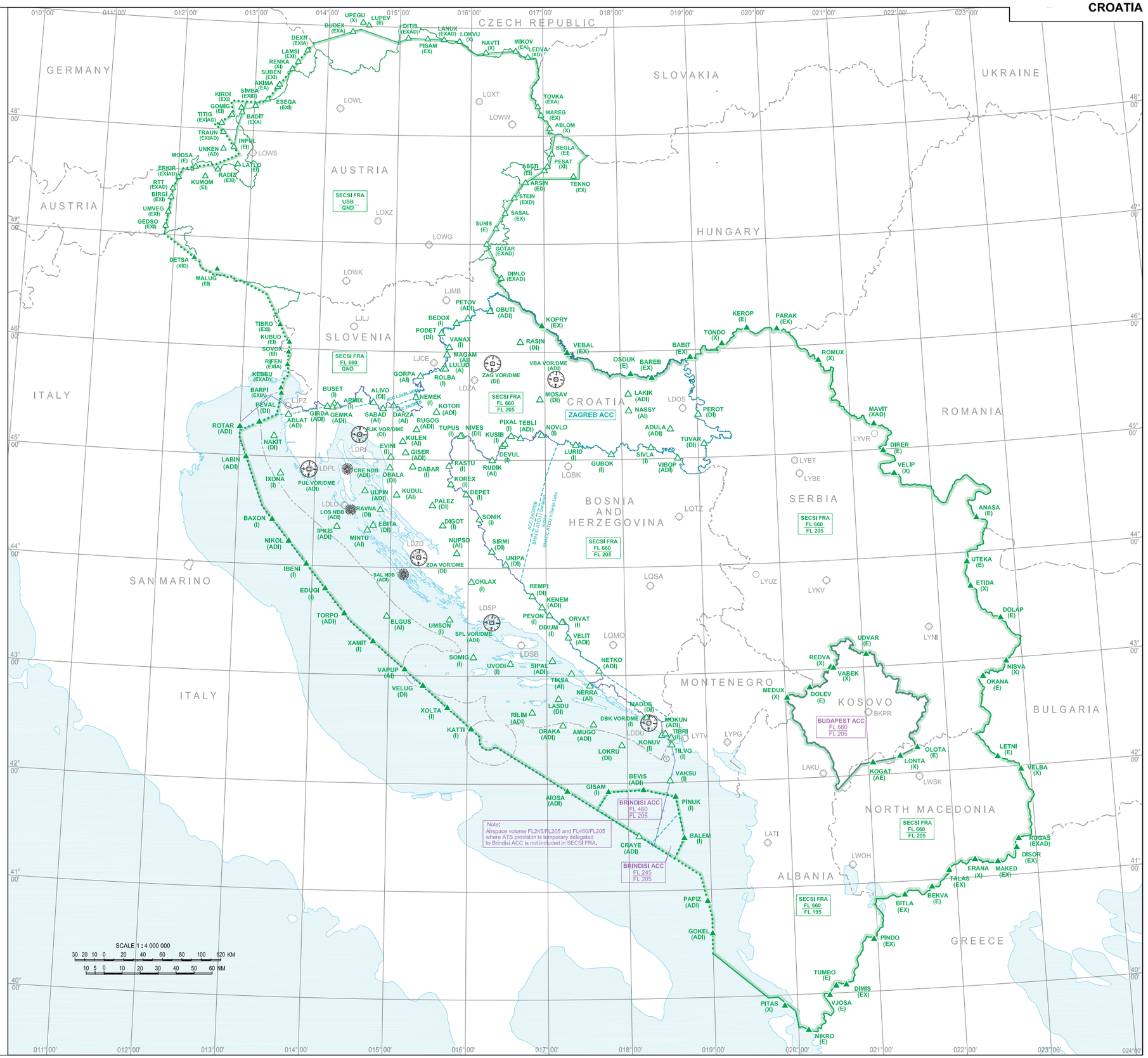
FOR AERONAUTICAL DATA
OUTSIDE THE AIRSPACE OF ZAGREB FIR
CONSULT RELEVANT PUBLICATIONS.

LEGEND

FRA boundary	
FIR boundaray	
Boundaries (international)	
Cross border FRA operations	
FRA relevance	E - entry X - exit A - arrival D - departure I - intermediate
Reporting point	△ on - request ▲ compulsory
Compulsory reporting point KOPRY to entry/exit FRA	▲ KOPRY (EX)
VOR/DME	ZAG VOR/DME (DI)
Non-directional radio beacon (NDB)	CRE NDB (ADI)
Upper State Boundary	USB
Airport	LDSP
Joint civil and military airport	LDZD

① Temporary border of the territorial sea according to the 2002 Protocol.

CHANGE: FRA relevance for PINUK; Editorial.



OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

LDDU AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guide lines at Apron, nose-in guidance at aircraft stands, Marshaller, vehicle "Follow me", docking guidance system APIS (AVGDS) available at aircraft stands 10, 10A, 11, 12, 14 and 14A.
2	RWY and TWY markings and LGT	RWY-11/29: RWY Designations, THR/lighted, displaced THR, centre line/lighted, edges/lighted, TDZ, aiming point, turnpad at THR 29/lighted, pre-treshold area. TWY A centre line, enhanced centre line, mandatory instruction marking, edges/lighted, holding position. TWY B centre line, enhanced centre line, mandatory instruction marking, edges/lighted, holding position. TWY C centre line, enhanced centre line, mandatory instruction marking, edges/lighted, holding position, hold for follow me (ATC service boundary). TWY D centre line, enhanced centre line, mandatory instruction marking, edges/lighted, holding position, hold for follow me (ATC service boundary). TWY E centre line, enhanced centre line, mandatory instruction marking, edges/lighted, holding position. TWY F centre line, enhanced centre line, mandatory instruction marking, edges/lighted, holding position. TWY G centre line, edges/lighted, ATC service boundary, hold for follow me. TWY W centre line, edges/lighted, ATC service boundary, hold for follow me.
3	Stop bars	Nil
4	Remarks	TWY A - RWY guard lights TWY B - RWY guard lights TWY C - RWY guard lights TWY D - RWY guard lights TWY E - RWY guard lights TWY F - RWY guard lights THR 29 RWY turn pad for ACFT with a wheelbase greater than 22,8 M requires a turn made with nose gear steering angle greater than 45 DEG.

LDDU AD 2.10 AERODROME OBSTACLES

Obstacles in Area 2: See LDDU AD 2.24.4 AOC RWY 11 -1 and LDDU AD 2.24.4 AOC RWY 29 -1,
LDDU AD 2.24.12 VMCC (IFR) RWY 29 -1

Obstacles in Area 3: Nil

LDDU AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	DUBROVNIK
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR)
4	Trend Forecast Interval of issuance	TREND 30 MIN
5	Briefing/consultation provided	Selfbriefing (URL: https://ib.crocontrol.hr) or by phone: +385 1 6259224
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone: +385 20 447766 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satelite images • Radar images
8	Supplementary equipment available for providing information	URL:https://met.crocontrol.hr
9	ATS units provided with information	Dubrovnik TWR, Dubrovnik APP
10	Additional information (limitation of service, etc.)	NIL

AD 2 AERODROMES

LDLO AD 2

LDLO AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LDLO - AERODROME LOŠINJ/Lošinj I.

LDLO AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and its site	443357.26N 0142335.48E 021°/294 M from THR 02
2	Direction and distance from (city)	307°, 3.2 NM from Mali Losinj
3	Elevation/Reference temperature	154 FT / 30°C (AUG)
4	Geoid undulation at AD ELEV PSN	140 FT
5	MAG VAR (date of information)/Annual change	4°E (2019) / 0.15° increasing
6	AD Operator, address, telephone, telefax, AFS, SITA, e-mail, web site	Post: Zracno pristaniste Mali Losinj d.o.o. Privlaka 19 51550 Mali Losinj Phone: (+385 51) 231666 Fax: (+385 51) 235148 Email: info@airportmalilosinj.hr
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

LDLO AD 2.3 OPERATIONAL HOURS

1	AD Operator	Upon NOTAM
2	Customs and immigration	As AD HR SER
3	Health and sanitation	As AD HR SER
4	AIS Briefing Office	As ATS - Selfbriefing
5	ATS Reporting Office (ARO)	H24 - Central ARO Split; Phone: +385 21 205-444 Fax: +385 21 895-227
6	MET Briefing Office	As ATS or upon NOTAM or AIP SUP
7	ATS	Upon NOTAM or AIP SUP
8	Fuelling	As AD HR SER
9	Handling	As AD HR SER
10	Security	Police H24
11	De-icing	Nil
12	Remarks	REF AD 2.22

LDLO AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Generator with 28V and 115V 1 towing truck 3 luggage dollies
2	Fuel and oil types	A1, AVGAS 100LL / Oil - Nil
3	Fuelling facilities and capacity	1 Fuel Truck 700 litres 1 Fuel Truck 5.000 litres Fuel pump, hose length 25 M
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Available for minor repairs
7	Remarks	Nil

LDLO AD 2.5 PASSENGER FACILITIES

1	Hotels	In the city
2	Restaurants	In the city
3	Transportation possibilities	Airport shuttle van MAX 8 PAX
4	Medical facilities	First aid at AD, hospital in the city
5	Bank and Post Office	In the city
6	Tourist Office	In the city
7	Remarks	Nil

Obstacles assessed as being hazardous to air navigation					
OBST ID/ Designation	**OBST type**	**OBST position**	**ELEV/HGT**	**Markings/ type, colour**	**Remarks**
a	b	c	d	e	f
LDLO_02_CI_16	Tree	443425.56N 0142337.79E	197 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_17	Tree	443425.64N 0142342.43E	195 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_18	Tree	443432.27N 0142342.19E	214 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_19	Tree	443432.36N 0142346.83E	217 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_20	Tree	443432.45N 0142351.47E	217 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_21	Tree	443435.59N 0142342.07E	243 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_22	Tree	443435.68N 0142346.71E	244 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_23	Tree	443435.76N 0142351.35E	248 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_24	Tree	443438.91N 0142341.95E	267 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_25	Tree	443435.85N 0142355.99E	236 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_26	Tree	443438.99N 0142346.59E	252 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_27	Tree	443435.93N 0142400.62E	234 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_28	Tree	443439.08N 0142351.23E	259 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_29	Tree	443442.22N 0142341.83E	267 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_30	Tree	443439.16N 0142355.87E	264 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_31	Tree	443442.31N 0142346.47E	265 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_32	Tree	443442.39N 0142351.11E	278 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_33	Tree	443445.54N 0142341.71E	267 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_34	Tree	443442.48N 0142355.75E	274 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_35	Tree	443445.71N 0142350.99E	271 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_36	Tree	443445.79N 0142355.63E	276 FT/Nil	Nil	Close-in obstacle

Obstacles in Area 3: Nil

LDLO AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	LOŠINJ
2	Hours of service MET Office outside hours	During ATS operating hours PULA
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR) - covering ATS operating hours
4	Trend Forecast Interval of issuance	Nil
5	Briefing/consultation provided	Selfbriefing (URL: https://ib.crocontrol.hr) or by phone: +385 52 372521
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone: +385 52 372520 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satellite images • Radar images
8	Supplementary equipment available for providing information	URL:https://met.crocontrol.hr
9	ATS units provided with information	Lošinj TWR, Pula APP
10	Additional information (limitation of service, etc.)	NIL

LDLO AD 2.22.4 STAR RWY 02/20

STAR RWY 02/20				
Designator	**Route**	**Descend**	**Contact**	**Remarks**
CRE 4C	CRES FOUR CHARLIE ARRIVAL From CRE NDB proceed on QDM 170° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
ULPIN 3G	ULPIN THREE GOLF ARRIVAL From ULPIN proceed on QDM 212° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
MINTU 3A	MINTU THREE ALPHA ARRIVAL From MINTU proceed on QDM 316° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
PUL 3C	PULA THREE CHARLIE ARRIVAL From PUL VOR DME proceed on QDM 129° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		

Backup device on TWR in case of a complete communication failure

In case of complete communication failure, ATC signal light gun is available on Lošinj TWR.
Pilots shall observe light signals from TWR.

LDLO AD 2.23 ADDITIONAL INFORMATION

Bird concentration on and in the vicinity of RWY. Caution advised.

LDLO AD 2.24 CHARTS RELATED TO AN AERODROME

Name	Page
Aerodrome Chart – ICAO	LDLO AD 2.24.1 ADC -1
Aircraft Parking/Docking Chart – ICAO	LDLO AD 2.24.2 APDC -1
Aerodrome Ground Movement Chart – ICAO	*NOT AVBL*
Aerodrome Obstacle Chart – ICAO Type A	LDLO AD 2.24.4 AOC RWY 02/20 -1
Aerodrome Terrain and Obstacle Chart – ICAO (Electronic)	*NOT AVBL*
Precision Approach Terrain Chart – ICAO	*NOT AVBL*
Area Chart – ICAO (departure and transit routes)	*NOT AVBL*
Standard Departure Chart - Instrument - ICAO RWY 02	LDLO AD 2.24.8 SID RWY 02 -1
Standard Departure Chart - Instrument - ICAO - RNAV RWY 02 CAT A & B	LDLO AD 2.24.8 SID RNAV RWY 02 CAT A & B -1
Standard Departure Chart - Instrument - ICAO RWY 20	LDLO AD 2.24.8 SID RWY 20 -1
Standard Departure Chart - Instrument - ICAO - RNAV RWY 20 CAT A & B	LDLO AD 2.24.8 SID RNAV RWY 20 CAT A & B -1
Area Chart – ICAO (arrival and transit routes)	*NOT AVBL*
Standard Arrival Chart - Instrument - ICAO RWY 02/20	LDLO AD 2.24.10 STAR RWY 02/20 -1
Standard Arrival Chart - Instrument - ICAO - RNAV RWY 02 CAT A & B	LDLO AD 2.24.10 STAR RNAV RWY 02 CAT A&B -1
Standard Arrival Chart - Instrument - ICAO - RNAV RWY 20 CAT A & B	LDLO AD 2.24.10 STAR RNAV RWY 20 CAT A&B -1
ATC Surveillance Minimum Altitude Chart - ICAO	*NOT AVBL*
Instrument Approach Chart - ICAO - NDB-a RWY 02/20 CAT A&B	LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A&B - 1
Instrument Approach Chart - ICAO - VOR RWY 02 CAT A&B	LDLO AD 2.24.12 IAC VOR RWY02 CAT A&B - 1
Instrument Approach Chart - ICAO - RNP RWY 02	LDLO AD 2.24.12 IAC RNP RWY 02 - 1
Instrument Approach Chart - ICAO - RNP RWY 20 (LPV & LNAV/ VNAV only)	LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/ VNAV only) - 1
Visual Approach Chart - ICAO	*NOT AVBL*
Visual Operation Chart	LDLO AD 2.24.13 VOC -1
Bird concentrations	*NOT AVBL*

Remark: All instrument approach procedures and all standard instrument departures are suspended outside ATS hours of service.

LDLO AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Instrument flight procedure	Minima	ACFT CAT
RNP RWY 20 (LPV, LNAV/VNAV only)	LNAV/VNAV, LPV	A/B

AD 2 AERODROMES

LDOS AD 2

LDOS AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LDOS - AIRPORT OSIJEK / Klisa

LDOS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and its site	452745.60N 0184836.56E 111° GEO / 1151 M from THR 11 291° GEO / 1348 M from THR 29
2	Direction and distance from (city)	20 KM ESE from OSIJEK
3	Elevation/Reference temperature	291 FT / 30°C (JUL)
4	Geoid undulation at AD ELEV PSN	144 FT
5	MAG VAR (date of information)/Annual change	5°E (2019) / 0.13° increasing
6	AD Operator, address, telephone, telefax, AFS, SITA, e-mail, web site	Post: Zracna luka OSIJEK P.O. Box 47 31000 Osijek Phone: (+385 31) 514400 SITA: OSIAPXH Email: opc@osijek-airport.hr web site: http://www.osijek-airport.hr/
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

LDOS AD 2.3 OPERATIONAL HOURS

1	AD Operator	Upon NOTAM
2	Customs and immigration	AS AD HR SER
3	Health and sanitation	AS AD HR SER
4	AIS Briefing Office	As ATS - Selfbriefing
5	ATS Reporting Office (ARO)	H24 - Central ARO Split; Phone: +385 21 205-444 Fax: +385 21 895-227
6	MET Briefing Office	H24
7	ATS	Upon NOTAM or AIP SUP
8	Fuelling	AS AD HR SER
9	Handling	AS AD HR SER
10	Security	H24
11	De-icing	AS AD HR SER
12	Remarks	REF AD 2.22 All planned ARR or DEP to/from LDOS, outside AD LDOS HR SER, can only be operated upon PPR from Osijek AP, ACFT OPR must send a REQ to the LDOS Operating centre via e-mail: opc@osijek-airport.hr (submitted during AD HR SER), at least 24 HR BFR SKED TKOF/LDG.

LDOS AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	1 cargo loader 7000 KG 1 fork lift 3000 KG 1 main deck loader 18 000 KG
2	Fuel and oil types	A1, AVGAS 100LL
3	Fuelling facilities and capacity	1 Fuel Truck 45 000 L (A1) 1 Fuel Truck 5 000 L (AVGAS 100LL)
4	De-icing facilities	1 aircraft de-icing vehicle, MAX working height 14 M, fluid type I 1 aircraft de-icing vehicle, MAX working height 10 M, fluid type I
5	Hangar space for visiting aircraft	AVBL See: www.pannonia-aero-technics.hr
6	Repair facilities for visiting aircraft	Unspecified oxygen facilities, major airframe repairs and minor engine repairs are available. See: www.pannonia-aero-technics.hr
7	Remarks	Nil

LDOS AD 2.10 AERODROME OBSTACLES

Obstacles in Area 2: See LDOS AD 2.24.4 AOC RWY 11/29 -1

In Area 2					
OBST ID/ Designation	**OBST type**	**OBST position**	**ELEV/HGT**	**Markings/ type, colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
LDOS 01	NDB antenna	452720.27N 0185015.79E	101/15 M	Marked / ICAO Lighted	Nil
LDOS 02	NDB antenna	452718.76N 0185014.99E	101/14 M	Marked / ICAO Lighted	Nil

Obstacles in Area 3: Nil

LDOS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	OSIJEK
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR)
4	Trend Forecast Interval of issuance	Nil
5	Briefing/consultation provided	Selfbriefing (URL: https://ib.crocontrol.hr) or by phone: +385 1 6259 240
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone: +385 31 226 803 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satelite images • Radar images
8	Supplementary equipment available for providing information	URL:https://met.crocontrol.hr
9	ATS units provided with information	Osijek TWR, Osijek APP
10	Additional information (limitation of service, etc.)	NIL

LDOS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR COORD RWY End COORD THR Geoid Undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
11	110.52°	2500 x 45 M	PCN 82/F/B/W/T ASPH	452758.68N 0184746.96E 452730.26N 0184934.68E 144.0 FT	THR 291 FT TDZ 289 FT
29	290.54°			452730.26N 0184934.67E 452758.68N 0184746.95E 144.0 FT	THR 290 FT TDZ 289 FT

RWY Designations	Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)
1	7	8	9	10	11
11	Slope of RWY 11/29: 0°	Nil	Nil	2620 x 300	Length: 240 M Width: 90 M
29		Nil	Nil		Length: 240 M Width: 90 M

RWY Designations	Location and description of arresting system	OFZ	Remarks
1	12	13	14
11	Nil	Nil	Paved shoulders, width 7.5 M
29	Nil	Nil	Paved shoulders, width 7.5 M

LDOS AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
11	2500	2500	2500	2500	Nil
	1850	1850	Nil	Nil	Intersection TWY A
	1573	1573	Nil	Nil	Intersection TWY B
29	2500	2500	2500	2500	Nil
	673	673	Nil	Nil	Intersection TWY A
	950	950	Nil	Nil	Intersection TWY B

LDOS AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.

THIS PAGE INTENTIONALLY LEFT BLANK

LDPL AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guide lines at Apron Nose-in guidance at aircraft stands Follow me vehicle, Marshaller
2	RWY and TWY markings and LGT	RWY-09/27 - RWY: Designation, THR, TDZ, Centre line, fixed distances, edges, Runway turn pad marking THR27. TWY A - TWY: Centre line; Taxiing guidance signs at all intersections with TWY and RWY. TWY B - TWY: Centre line; Holding positions; Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY C - TWY: Centre line; Holding positions; Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY D - TWY: Centre line; Holding positions; Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY E - TWY: Centre line; Holding positions; Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY F - TWY: Centre line; Taxiing guidance signs at all intersections with TWY and RWY. TWY G - TWY: Centre line; Taxiing guidance signs at all intersections with TWY and RWY. TWY H - TWY: Centre line; Taxiing guidance signs at all intersections with TWY and RWY.
3	Stop bars	Nil
4	Remarks	Vertical signs on movement area to be used during daylight only and in visibility conditions greater than 800 M or RVR 550 M (CAT I). RWY turn pad THR 27 restrictions: 180DEG turn on RWY turn pad for aircraft with wheel base more than 26.20 M is not possible. For aircraft with wheel base more than 17.30 M, the nose wheel steering angle exceeds 45 DEG.

LDPL AD 2.10 AERODROME OBSTACLES

Obstacles in Area 2: See LDPL AD 2.24.4 AOC RWY 09/27 -1

Obstacles in Area 3: Nil

LDPL AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	PULA
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR)
4	Trend Forecast Interval of issuance	TREND 30 MIN
5	Briefing/consultation provided	Selfbriefing (URL: https://ib.crocontrol.hr) or by phone: +385 52 372521
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone: +385 52 372520 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satelite images • Radar images
8	Supplementary equipment available for providing information	URL:https://met.crocontrol.hr
9	ATS units provided with information	Pula TWR, Pula APP
10	Additional information (limitation of service, etc.)	NIL

AD 2 AERODROMES

LDRI AD 2

LDRI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LDRI - AIRPORT RIJEKA / Krk I.

LDRI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and its site	451300.80N 0143412.96E 143°/1250 M from THR 14
2	Direction and distance from (city)	139°, 27 KM from Rijeka (railway station)
3	Elevation/Reference temperature	278 FT / 29.9°C (JUL)
4	Geoid undulation at AD ELEV PSN	145 FT
5	MAG VAR (date of information)/Annual change	4°E (2019) / 0.15° increasing
6	AD Operator, address, telephone, telefax, AFS, SITA, E-mail, web site	Post: Zracna luka Rijeka 51513 Omisalj Phone: (+385 99) 525 8911 (+385 99) 525 8910 (+385 99) 267 5581 Fax: (+385 51) 841 236 SITA: RJKAPXH Email: operations@rijeka-airport.hr web site: http://www.rijeka-airport.hr/
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

LDRI AD 2.3 OPERATIONAL HOURS

1	AD Operator	Upon NOTAM
2	Customs and immigration	H24
3	Health and sanitation	As AD HR SER
4	AIS Briefing Office	As ATS - Selfbriefing
5	ATS Reporting Office (ARO)	H24 - Central ARO Split; Phone: +385 21 205-444, Fax: +385 21 895-227
6	MET Briefing Office	H24
7	ATS	Upon NOTAM or AIP SUP
8	Fuelling	H24
9	Handling	As AD HR SER
10	Security	H24
11	De-icing	Not AVBL
12	Remarks	REF AD 2.22

LDRI AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Cargo loader - capacity 7000 KG, MAX height 5.45 M. 2xCargo loader - capacity 3500 KG, MAX height 3.50 M. Pallet dollies - 6 pieces, Container dollies - 20 pieces, Luggage dollies - 35 pieces.
2	Fuel and oil types	A1, AVGAS 100LL / Oil - Nil
3	Fuelling facilities and capacity	1 Fuel Truck 18000 L (A1) 1 Fuel Truck 15000 L (A1) 10000 L (AVGAS 100LL)
4	De-icing facilities	Not AVBL
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

LDRI AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in Rijeka, hotels on Krk Island
2	Restaurants	In the city and on Krk Island
3	Transportation possibilities	Bus, taxi, rent a car
4	Medical facilities	First aid at AD, hospital in the city.
5	Bank and Post Office	In the city, on Krk Island, Omisalj
6	Tourist Office	At AD, in the city, on Krk Island, Omisalj
7	Remarks	Nil

LDRI AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 10 See remarks.
2	Rescue equipment	2 heavy fire fighting vehicles Volvo FMX, 9000 L water, 1500 L foam, 250 KG powder. 1 heavy fire fighting vehicle Mercedes Actros, 7000 L water, 1500 L foam, 750 KG powder. 1 heavy fire fighting vehicle Mercedes 2636, 10 000 L water, 200 L foam, 250 KG powder. 1 command vehicle Nissan Pick Up with equipment for technical rescue.
3	Capability for removal of disabled aircraft	On request; in cooperation with external companies.
4	Remarks	From 01 JAN to 29 MAR and from 25 OCT to 31 DEC - CAT 5. From 30 MAR to 24 OCT - CAT 6. Up to CAT 10 available on request by prior notice (3 hours). During AD HR SER via: SITA: RJKAPXH; Email: operations@rijeka-airport.hr Outside AD HR SER via: Mobile phone: +385 99 267 5581, +385 99 525 8910, +385 99 545 9069, +385 99 265 5655.

LDRI AD 2.7 RUNWAY SURFACE CONDITION ASSESSMENT AND REPORTING, AND SNOW PLAN

1	Types of clearing equipment	NIL
2	Clearance priorities	NIL
3	Use of material for movement area surface treatment	NIL
4	Specially prepared winter runways	NIL
5	Remarks	It is proceeded in accordance with GRF

LDRI AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	**SURFACE**		**STRENGTH**	
		CONC		PCN 45/R/A/X/T	
2	Designation, width, surface and strength of taxiways	**DESIGNATION**	**WIDTH (M)**	**SURFACE**	**STRENGTH**
		TWY A	20	CONC	PCN 45/R/A/X/T
		TWY B	20	CONC	PCN 45/R/A/X/T
3	ACL location and elevation	Location: At Apron Elevation: 278 FT			
4	Location of VOR checkpoints	Nil			
5	Position of INS checkpoints	See LDRI AD 2.24.2 APDC -1			
6	Remarks	Nil			

LDRI AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guide lines at apron. Nose-in guidance at aircraft stands. Follow-me vehicle, Marshaller - obligatory guidance to/from parking stand from/to TWY A and B. Edge lights at Apron.Edge lights at Apron.
2	RWY and TWY markings and LGT	RWY-14/32: Designator, THR, Centre line, edges, TDZ, Runway turn pad marking TWY A Centre line, holding positions, edge lights, edge lights TWY B Centre line, holding positions, edge lights, edge lights
3	Stop bars	Nil
4	Remarks	Nil

LDRI AD 2.10 AERODROME OBSTACLES

RWY32 obstacle in Area 2: Frangible anemometer mast COORD 451236.83N 0143443.99E, ELEV 293FT (89M) AMSL. ICAO marked and lighted.
Other, LDRI AD 2.24.4 AOC RWY 14/32 -1

RWY14 obstacle in Area 3: Frangible anemometer mast COORD 451321.78N 0143345.06E, ELEV 308FT (94M) AMSL. ICAO marked and lighted.

LDRI AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	RIJEKA
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR)
4	Trend Forecast Interval of issuance	Nil
5	Briefing/consultation provided	Selfbriefing (URL: https://ib.crocontrol.hr) or by phone: +385 52 372521
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone.: +385 51 654841 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satelite images • Radar images
8	Supplementary equipment available for providing information	URL: https://met.crocontrol.hr
9	ATS units provided with information	Rijeka TWR, Pula APP
10	Additional information (limitation of service, etc.)	NIL

AD 2 AERODROMES

LDSB AD 2

LDSB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LDSB - AERODROME BRAČ / Brač I.

LDSB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and its site	431708.59N 0164046.99E
2	Direction and distance from (city)	225° GEO, 5 KM from Bol
3	Elevation/Reference temperature	1781 FT / 30.2°C (AUG)
4	Geoid undulation at AD ELEV PSN	139 FT
5	MAG VAR (date of information)/Annual change	4°E (2019) / 0.13° increasing
6	AD Operator, address, telephone, telefax, AFS, SITA, e-mail, web site	Post: Aerodrom Brac d.o.o. P.O. BOX 33 21400 Supetar Phone: (+385 21) 559701 (Airport Administration) (+385 21) 559711 (Airport Operations) Fax: (+385 21) 559709 (Airport Administration) SITA: BWKAPXH Email: airport-brac@airport-brac.hr groundoperations@airport-brac.hr web site: http://www.airport-brac.hr/
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

LDSB AD 2.3 OPERATIONAL HOURS

1	AD Operator	Upon NOTAM
2	Customs and immigration	AS AD HR SER
3	Health and sanitation	AS AD HR SER
4	AIS Briefing Office	As ATS - Selfbriefing
5	ATS Reporting Office (ARO)	H24 - Central ARO Split; Phone: +385 21 205-444, Fax: +385 21 895-227
6	MET Briefing Office	As ATS or upon NOTAM or AIP SUP
7	ATS	Upon NOTAM or AIP SUP
8	Fuelling	AS AD HR SER
9	Handling	AS AD HR SER
10	Security	Police H24
11	De-icing	Nil
12	Remarks	REF AD 2.22

LDSB AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel and oil types	A1, AVGAS 100LL / Oil - Nil
3	Fuelling facilities and capacity	150 000 L (A1) 30 000 L (AVGAS 100LL)
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

LDSB AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in Bol (14 KM) and Supetar (28 KM)
2	Restaurants	Nil
3	Transportation possibilities	taxi
4	Medical facilities	First aid at AD
5	Bank and Post Office	Nil
6	Tourist Office	Nil
7	Remarks	Nil

LDSB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	BRAČ
2	Hours of service MET Office outside hours	During ATS operating hours SPLIT
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR) - covering ATS operating hours
4	Trend Forecast Interval of issuance	Nil
5	Briefing/consultation provided	Selfbriefing (URL: https://ib.crocontrol.hr) or by phone: +385 1 6259224
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone: +385 21 205452 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satelite images • Radar images
8	Supplementary equipment available for providing information	URL:https://met.crocontrol.hr
9	ATS units provided with information	Brac TWR, Split APP
10	Additional information (limitation of service, etc.)	NIL

LDSB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR COORD RWY End COORD THR Geoid Undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03	035.09°	1760 x 30	PCN 37/F/B/X/T ASPH	431644.72N 0164024.04E* 431727.67N 0164105.34E 139.4 FT	THR 1779 FT displaced 140 M TDZ ELEV 1759 FT
21	215.09°			431726.09N 0164103.82E* 431641.02N 0164020.48E 139.4 FT	THR 1701 FT displaced 60 M TDZ ELEV 1730 FT

RWY Designations	Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)
1	7	8	9	10	11
03	Slope of RWY: -0.4% (0 - 440 M) -1.8% (440 - 1760 M)	Nil	Nil	1880 x 150	Length: 90 M Width: 60 M
21	Slope of RWY: 1.8% (0 - 1320 M) 0.4% (1320 - 1760 M)	Nil	Nil		Length: 90 M Width: 60 M

RWY Designations	Location and description of arresting system	OFZ	Remarks
1	12	13	14
03	Nil	Nil	* displaced THR coordinates
21	Nil	Nil	* displaced THR coordinates

LDSB AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
03	1760	1760	1760	1620	Nil
	562	562	Nil	Nil	Intersection TWY A
21	1760	1760	1760	1700	Nil
	1222	1222	Nil	Nil	Intersection TWY A

Area 3					
OBST ID or designation	**Type**	**Position**	**ELEV / HGT**	**Marking LGT type and colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
LDSP2020_3_98	Tree	433216.00N 0161802.95E	78.1 FT / Nil	No No	Nil
LDSP2020_3_99	Object	433215.48N 0161803.45E	67.3 FT / Nil	No No	Nil
LDSP2020_3_100	Vegetation	433215.43N 0161803.75E	80.1 FT / Nil	No No	Nil
LDSP2020_3_101	Vegetation	433216.18N 0161803.44E	81.7 FT / Nil	No No	Nil
LDSP2020_3_102	Reflector pole	433216.77N 0161803.77E	125.7 FT / Nil	Yes Yes	Nil
LDSP2020_3_103	Object	433216.94N 0161804.36E	83.3 FT / Nil	No No	Nil
LDSP2020_3_104	Object	433216.70N 0161804.66E	90.6 FT / Nil	No No	Nil
LDSP2020_3_105	Object	433216.27N 0161805.13E	84.6 FT / Nil	No No	Nil
LDSP2020_3_106	Object	433218.40N 0161804.14E	90.2 FT / Nil	No No	Nil
LDSP2020_3_107	Object	433218.79N 0161805.18E	85.6 FT / Nil	No No	Nil
LDSP2020_3_108	Object	433220.16N 0161804.40E	72.2 FT / Nil	No No	Nil
LDSP2020_3_109	Sign	433221.79N 0161801.34E	64.3 FT / Nil	No No	Nil
LDSP2020_3_110	Sign	433223.57N 0161801.14E	66.6 FT / Nil	No No	Nil
LDSP2020_3_111	Sign	433222.66N 0161801.72E	64.3 FT / Nil	No No	Nil
LDSP2020_3_112	Sign	433221.37N 0161803.44E	69.6 FT / Nil	No No	Nil
LDSP2020_3_113	Meteo device	433221.62N 0161805.10E	71.9 FT / Nil	No No	Nil
LDSP2020_3_114	Terrain	433223.38N 0161805.80E	67.3 FT / Nil	No No	Nil
LDSP2020_3_115	Sign	433227.82N 0161808.84E	61.7 FT / Nil	No No	Nil
LDSP2020_3_116	PAPI	433238.13N 0161820.16E	52.5 FT / Nil	No No	Nil
LDSP2020_3_117	PAPI	433237.88N 0161820.36E	52.2 FT / Nil	No No	Nil
LDSP2020_3_118	Tree	433235.11N 0161825.87E	53.8 FT / Nil	No No	Nil
LDSP2020_3_119	Terrain	433240.22N 0161822.00E	52.5 FT / Nil	No No	Nil

Area 3					
OBST ID or designation	**Type**	**Position**	**ELEV / HGT**	**Marking LGT type and colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
LDSP2020_3_120	Terrain	433242.27N 0161825.98E	52.8 FT / Nil	No No	Nil
LDSP2020_3_121	Distribution cabinet for localizer power supply	433239.73N 0161834.45E	56.8 FT / Nil	Yes No	Nil
LDSP2020_3_122	Fence	433244.60N 0161841.72E	65.0 FT / Nil	No Yes	Nil
LDSP2020_3_123	Terrain	433247.24N 0161838.94E	58.4 FT / Nil	No No	Nil
LDSP2020_3_124	Terrain	433248.67N 0161837.32E	64.6 FT / Nil	No No	Nil

LDSP AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	SPLIT
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR)
4	Trend Forecast Interval of issuance	TREND 30 MIN
5	Briefing/consultation provided	Selfbriefing (URL: https://ib.crocontrol.hr) or by phone: +385 1 6259224
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone: +385 21 205452 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satelite images • Radar images
8	Supplementary equipment available for providing information	URL:https://met.crocontrol.hr
9	ATS units provided with information	Split TWR, Split APP
10	Additional information (limitation of service, etc.)	NIL

LDSP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR COORD RWY End COORD THR Geoid Undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
05	052.57°	2550 x 45	210 M, CONC, PCN 49/R/A/W/T 2340 M, ASPH, PCN 49/R/A/W/T	433155.39N 0161708.10E 433245.48N 0161838.11E 139 FT	THR 70 FT TDZ 78 FT
23	232.59°			433242.33N 0161832.44E 433155.27N 0161707.89E 139 FT	THR 50 FT TDZ 58 FT

RWY Designations	Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)
1	7	8	9	10	11
05	Slope of RWY 05/23: 0%	Nil	Nil	2670 x 130	Length: 240 M Width: 90 M
23		Nil	Nil		Length: 20 M Width: 90 M

RWY Designations	Location and description of arresting system	OFZ	Remarks
1	12	13	14
05	Nil	Nil	Shoulders width: 7.5 M surface: grass
23	Nil	Nil	Shoulders width: 7.5 M surface: grass

LDSP AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
05	2550	2550	2550	2550	Nil
	1636	1636	1636	Nil	Intersection TWY A
23	2550	2550	2550	2390	THR 23 displaced 160 M
	1582	1582	1582	Nil	Intersection TWY B

LDSP AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type / LEN / INTST	THR LGT colour / WBAR	VASIS type (MEHT)	TDZ LGT LEN	RWY Centre Line LGT LEN / spacing / colour / INTST	RWY edge LGT LEN / spacing / colour/ INTST	RWY End LGT Colour / WBAR	SWY LGT LEN (M) / Colour	Remarks
1	2	3	4	5	6	7	8	9	10
05	CAT I (A) W VRB LIH	G VRB LIH	PAPI 3° 52 FT	Nil	Nil	VRB YCZ 600 M W LIH	R VRB LIH	Nil	Nil
23	SALS R VRB LIL	G VRB LIH	PAPI 3° 49 FT	Nil	Nil	VRB YCZ 600 M W LIH	R VRB LIH	Nil	Nil

LDSP AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	At TWR (red) H24
2	LDI location and LGT Anemometer location and LGT	Anemometer RWY05 position: 104M right from RCL, 272 M right from THR 05, lighted Anemometer RWY23 position: 91M left from RCL, 31 M left from THR 23, lighted
3	TWY edge and centre line lighting	TWY A EDGE: B VRB LIL TWY B EDGE: B VRB LIL
4	Secondary power supply/switch-over time	Available, switch-over time: 7,0 sec
5	Remarks	WDI externally lighted

LDSP AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	Nil
2	TLOF and/or FATO elevation M/FT	Nil
3	TLOF and FATO area dimensions, surface, strength, marking	Nil
4	True and MAG BRG of FATO	Nil
5	Declared distance available	Nil
6	APP and FATO lighting	Nil
7	Remarks	Area not defined. Parking positions used according to Airport Authorities.

CHANGE: LDD23A and LDD23B areas added; RMZ Brač added.

STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
10 000

SPLIT ATIS	125.300
SPLIT TOWER	124.675
SPLIT RADAR	120.875

KEMIX 3A	ZDA 8P
UNIPA 1G	REMPI 4D
VELIT 8E	SIPAL 7D
RILIM 5F	VELUG 2D
	TORPO 8E
	SPL 2D

SPLIT / Kaštela (LDSP)

RWY 23

NOT TO SCALE
ZADAR
VOR/DME 108.60
CH 23 X
ZDA
44 05 43N
015 21 51E
279 ft

SIRMI
44 09 00N
016 18 13E
NOT TO SCALE
At or above
FL 105

UNIPA
44 01 46N
016 28 58E
NOT TO SCALE
At or above
FL 105

BEARINGS,TRACKS AND RADIALS ARE MAGNETIC
ALTITUDES AND ELEVATIONS IN FT
DISTANCES IN NM

VAR 4° E 2019

MSA 25NM from SPL VOR / DME
151° 8400
253° 7300
294° 3700

REMPI
43 44 12N
016 49 22E
At or above
FL 105

KENEM
43 38 00N
016 56 48E
At or above
FL 105

TORPO
43 33 51N
014 25 29E
NOT TO SCALE

VELIT
43 21 06N
017 16 38E
At or above
FL 105
NOT TO SCALE
6065

BAMRO
16.0 DME SPL
17.8 DME IST
43 21 12N
016 36 48E
At or above
7000

KEMIX
20.0 DME SPL
20.7 DME IST
43 18 42N
015 55 27E

17.5 DME SPL
18.2 DME IST

DRVENIK
NDB 418
DVN
43 26 48N
016 08 37E

TROGIR
NDB 378
TRI
43 29 49N
016 13 21E

VELUG
42 54 27N
015 26 15E
NOT TO SCALE

RILIM
42 39 31N
016 48 56E
NOT TO SCALE

ORAKA
42 32 13N
017 12 02E
NOT TO SCALE

SIPAL
43 08 12N
017 04 25E

SPLIT
DME
CH 42X
IST
43 31 58N
016 17 21E
133 ft

SPLIT
VOR/DME 115.70
CH 104 X
SPL
43 29 48N
016 18 17E
734 ft

SPLIT/Kaštela
ELEV 78

FL140
GND

SINJ
SINJ/Slnj

BRAČ/Brač I.
ELEV 1781

HVAR/Hvar I.
HVAR/Jelsa

ATZ Hvar
G
1000FT MSL
GND

TMA SPLIT
FL 205
7500FT MSL
Radar 120.875

TMA ZADAR
9500FT MSL
7500FT MSL
Radar 128.525

TMA ZADAR
7500FT MSL
1000FT AGL
Radar 128.525

TMA SPLIT
FL 205
7500FT MSL
Radar 120.875

TMA SPLIT
7500FT MSL
1000FT AGL
Radar 120.875

TMA DUBROVNIK
FL 205
FL 125
Radar 123.600

TMA SPLIT
FL 125
7500FT MSL
Radar 120.875

TMA SPLIT
7500FT MSL
1000FT AGL
Radar 120.875

LDTR22
LDTS22
36100FT MSL
GND

LDD23B
FL 330
FL 120

LDD23A
FL 120
GND

CTR SPLIT 1 "D" 4000ft MSL

CTR SPLIT 2 "D" 3500ft MSL

CTR BRAČ "D" 4000ft MSL

OUTSIDE ATS OPR HR:
RMZ BRAČ AIRSPACE CLASS "G"
1000ft AGL/GND
2 ATZ BRAČ AIRSPACE CLASS "G"
R=2.5NM at LDSB ARP
1000ft AGL/GND

SARAJEVO FIR
ZAGREB FIR

Vransko jezero
Prokljansko jezero
Perućko jezero
Buško jezero
Proložko blato
Krka
Čikola
Cetina
Vrba
Karakašica
Ruda
Vrlika
DRNIŠ
ŠIBENIK
OMIŠ
MAKARSKA
SPLIT
SPLIT/Resnik
SPLIT/Port Split

R-132 ZDA
ZDA 8P
423
5000
312°
SIRMI 2E
36
with RADAR vectoring only
UNIPA 1G
33
with RADAR vectoring only
with RADAR vectoring only
37
REMPI 4D
42
KENEM 1J
with RADAR vectoring only
17
MAX IAS 230 kt
SPL 2D
R-311 SPL
TORPO 8E
70.5
5000
with RADAR vectoring only
42.3 DME ZDA
AT OR
ABOVE 4000
10
319°
AT OR
ABOVE 1150
5.0 DME IST
AT OR
ABOVE 1900
2.0 DME SPL
4
5
295° DVN
1.8
10
101° DVN
R-097 SPL
45
8000
VELIT 8E
R-141 SPL
R-152 SPL
R-118 SPL
RILIM 5F
ORAKA 7D
SIPAL 7D
63
5000
49
5000
24.0
7000
KEMIX 3A
10
226°
VELUG 2D
AT 4000
BUT NOT BEFORE
DVN NDB
AT OR
ABOVE 6000
16
3
178°
5
R-223 SPL
37
VELUG 2D
5000

① KEMIX 3A:
On ATC authorization only.
Cross DVN NDB at 3000.
RADIO COMMUNICATION FAILURE PROCEDURE:
In case of two-way communication failure,
after passing KEMIX, rejoin the flight planned route no later
than the next significant point, taking into consideration
the applicable minimum flight altitude then climb to the
flight planned cruising level.

SCALE 1:500 000
5 0 5 10 km
5 0 5 NM

16° 00' 16° 30' 17° 00'
43° 30'

4951 2753 4394 4328 5314 2690 844 ±2625

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

CHANGE: Some LDTR, LDTS and LDD areas added or removed; RMZ Brač added; Obstacles updated; Editorial.

STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
10 000

SPLIT ATIS 125.300
SPLIT RADAR 120.875
SPLIT TOWER 124.675

ZDA 1V
REMPI 1V
SIRMI 1V
VELUG 1V
UNIPA 1V
TORPO 1V

SPLIT / Kaštela (LDSP)

RNAV RWY 23

NOT TO SCALE
ZDA

ZADAR
VOR/DME 108.60
CH 23 X
ZDA
44 05 43N
015 21 51E
279 ft

CTR ZADAR "D" 4000ft MSL

LDTR20
LDTS20
9850FT MSL
GND

LDTR29B
FL 330
FL 120
LDTR29A
FL 120
GND

TMA SPLIT
C FL 205
9500FT MSL
Radar 120.875

TMA ZADAR
C 9500FT MSL
7500FT MSL
Radar 128.525

TMA ZADAR
D 7500FT MSL
1000FT AGL
Radar 128.525

Vransko j.

Prokljansko jezero

Krka

ŠIBENIK

DRNIŠ

LDTR19B
LDTS19B
FL 330
FL 120
LDTR19A
LDTS19A
FL 120
GND

TMA SPLIT
C FL 205
FL 155
Radar 120.875

TMA ZADAR
C FL 155
7500FT MSL
Radar 128.525

TMA ZADAR
D 7500FT MSL
1000FT AGL
Radar 128.525

ZDA 1V
42.9
314°
(318.4°T)

NOT TO SCALE
TORPO
43 33 51N
014 25 29E

TORPO 1V
75.4
272°
(275.9°T)

LDTR22
LDTS22
36100ft MSL
GND

LDD23B
FL 330
FL 120

LDD23A
FL 120
GND

TMA SPLIT
C FL 205
7500FT MSL
Radar 120.875

TMA SPLIT
D 7500FT MSL
1000FT AGL
Radar 120.875

VAR 4° E 2019

SCALE 1:500 000
5 0 5 10 km
5 0 5 NM

VELUG
42 54 27N
015 26 15E

VELUG 1V
44.8
220°
(224.0°T)

SP901
MAX IAS 250kt
4000

9.8
009°
(012.6°T)

SP902
9000

084°
(088.1°T)
14.3
REMPI 1V

SP903
FL110

2750

084°
(088.4°T)
18.3
REMPI 1V

REMPI
43 44 12N
016 49 22E
FL105

SINJ
SINJ/Sinj

FL140
GND

Karakašica

Ruda

Cetina

4393

4328

SPLIT

SPLIT/Port Split

SPLIT/Resnik

SPLIT/Kaštela
AD ELEV 78 ft

CTR SPLIT 1 "D" 4000ft MSL

CTR SPLIT 2 "D"
3500ft MSL

SPLIT
DME
CH 42X
IST
43 31 58N
016 17 21E
133 ft

TROGIR
NDB 378
TRI
43 29 49N
016 13 21E

8.0
227°
(230.5°T)

SPLIT
VOR/DME 115.70
CH 104 X
SPL
43 29 48N
016 18 17E
734 ft

DVN
3000

DRVENIK
NDB 418
DVN
43 26 48N
016 08 37E

BRAČ
DME
CH 101 Y
BRC
43 16 57N
016 37 21E
2564 ft

2690

BRAČ/Brač I.
ELEV 1781 ft

HUMAC
NDB 412
HUM
43 17 14N
016 40 42E

CTR BRAČ "D" 4000ft MSL
OUTSIDE ATS OPR HR:
1. RMZ BRAČ AIRSPACE CLASS "G"
1000ft AGL/GND.
2. ATZ BRAČ AIRSPACE CLASS "G"
R=2,8NM at LDSB ARP
1000ft AGL/GND.

TMA DUBROVNIK
C FL 205
FL 125
Radar 123.600

TMA SPLIT
C FL 125
7500FT MSL
Radar 120.875

TMA SPLIT
D 7500FT MSL
1000FT AGL
Radar 120.875

OMIŠ

SIRMI
44 09 00N
016 18 13E
FL105
NOT TO SCALE

10.1
017°
(021.3°T)

SP905
FL110

SIRMI 1V
16.9
017°
(021.2°T)

SP904
FL110

UNIPA 1V
12.2
040°
(043.9°T)

UNIPA 1V
13.5
040°
(043.8°T)

UNIPA
44 01 46N
016 28 58E
FL105

BEARINGS,TRACKS AND RADIALS ARE MAGNETIC.
TRACKS IN BRACKETS ARE TRUE.
ALTITUDES AND ELEVATIONS IN FT. DISTANCES IN NM.

MSA 25NM from SPL VOR / DME
151°
8400
253°
7300
294°
3700

RNAV 1
GNSS required

SARAJEVO FIR
ZAGREB FIR

Peručko jezero

Cetina

Vrlika

5050
4948

6008

LDTR23
LDTS23
16400ft MSL
GND

SPLIT/ Kaštela (LDSP)

RNAV RWY 23

ZDA 1V SIRMI 1V UNIPA 1V
REMPI 1V VELUG 1V TORPO 1V

GENERAL INFORMATION AND REQUIREMENTS FOR ALL SIDs

- Calculation of the SIDs is based on an all-engines operative minimum net climb gradient of 6.4 per cent (389 FT/NM). Assume minimum net climb gradient of 3.3 per cent (201 FT/MIN) after passing 400 FT AMSL.
- After take-off climb initially 5000 FT and contact Split Radar on 120.875 MHZ.

LDSP RNAV STANDARD INSTRUMENT DEPARTURE RWY 23

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	ZDA 1V	CF	DVN	-	227° (230.5°T)	4°E	8.0	-	+3000	-	-	
020		TF	SP901	-	319° (323.0°T)	4°E	8.7	-	+4000	-250		RNAV 1
030		TF	ZDA	-	314° (318.4°T)	4°E	42.9	-	-	-		
010	SIRMI 1V	CF	DVN	-	227° (230.5°T)	4°E	8.0	-	+3000	-	-	
020		TF	SP901	-	319° (323.0°T)	4°E	8.7	-	+4000	-250		
030		TF	SP902	-	009° (012.6°T)	4°E	9.8	-	-9000	-		RNAV 1
040		TF	SP905	-	017° (021.2°T)	4°E	16.9	-	-FL110	-		
050		TF	SIRMI	-	017° (021.3°T)	4°E	10.7	-	+FL105	-		
010	UNIPA 1V	CF	DVN	-	227° (230.5°T)	4°E	8.0	-	+3000	-	-	
020		TF	SP901	-	319° (323.0°T)	4°E	8.7	-	+4000	-250		
030		TF	SP902	-	009° (012.6°T)	4°E	9.8	-	-9000	-		RNAV 1
040		TF	SP904	-	040° (043.8°T)	4°E	13.5	-	-FL110	-		
050		TF	UNIPA	-	040° (043.9°T)	4°E	12.2	-	+FL105	-		
010	REMPI 1V	CF	DVN	-	227° (230.5°T)	4°E	8.0	-	+3000	-	-	
020		TF	SP901	-	319° (323.0°T)	4°E	8.7	-	+4000	-250		
030		TF	SP902	-	009° (012.6°T)	4°E	9.8	-	-9000	-		RNAV 1
040		TF	SP903	-	084° (088.1°T)	4°E	14.3	-	-FL110	-		
050		TF	REMPI	-	084° (088.4°T)	4°E	18.3	-	+FL105	-		
010	VELUG 1V	CF	DVN	-	227° (230.5°T)	4°E	8.0	-	+3000	-	-	
020		TF	VELUG	-	220° (224.0°T)	4°E	44.8	-	-	-		RNAV 1
010	TORPO 1V	CF	DVN	-	227° (230.5°T)	4°E	8.0	-	+3000	-	-	
020		TF	TORPO	-	272° (275.9°T)	4°E	75.4	-	-	-		RNAV 1

CHANGE: Some LDTR, LDTS and LDD areas added or removed; RMZ Brač added; Obstacles updated; Editorial.

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
DVN	432648.24N	0160837.08E
ZDA	440543.16N	0152151.22E
REMPI	434412N	0164922E
SIRMI	440900N	0161813E
TORPO	433351N	0142529E
UNIPA	440146N	0162858E
VELUG	425427N	0152615E
SP901	433344.5N	0160125.4E
SP902	434316.4N	0160421.0E
SP903	434342.8N	0162405.8E
SP904	435259.8N	0161714.6E
SP905	435900.7N	0161248.2E

CHANGE: Some LDTR, LDTS and LDD areas added or removed; RMZ Brač added; Obstacles updated; Editorial.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

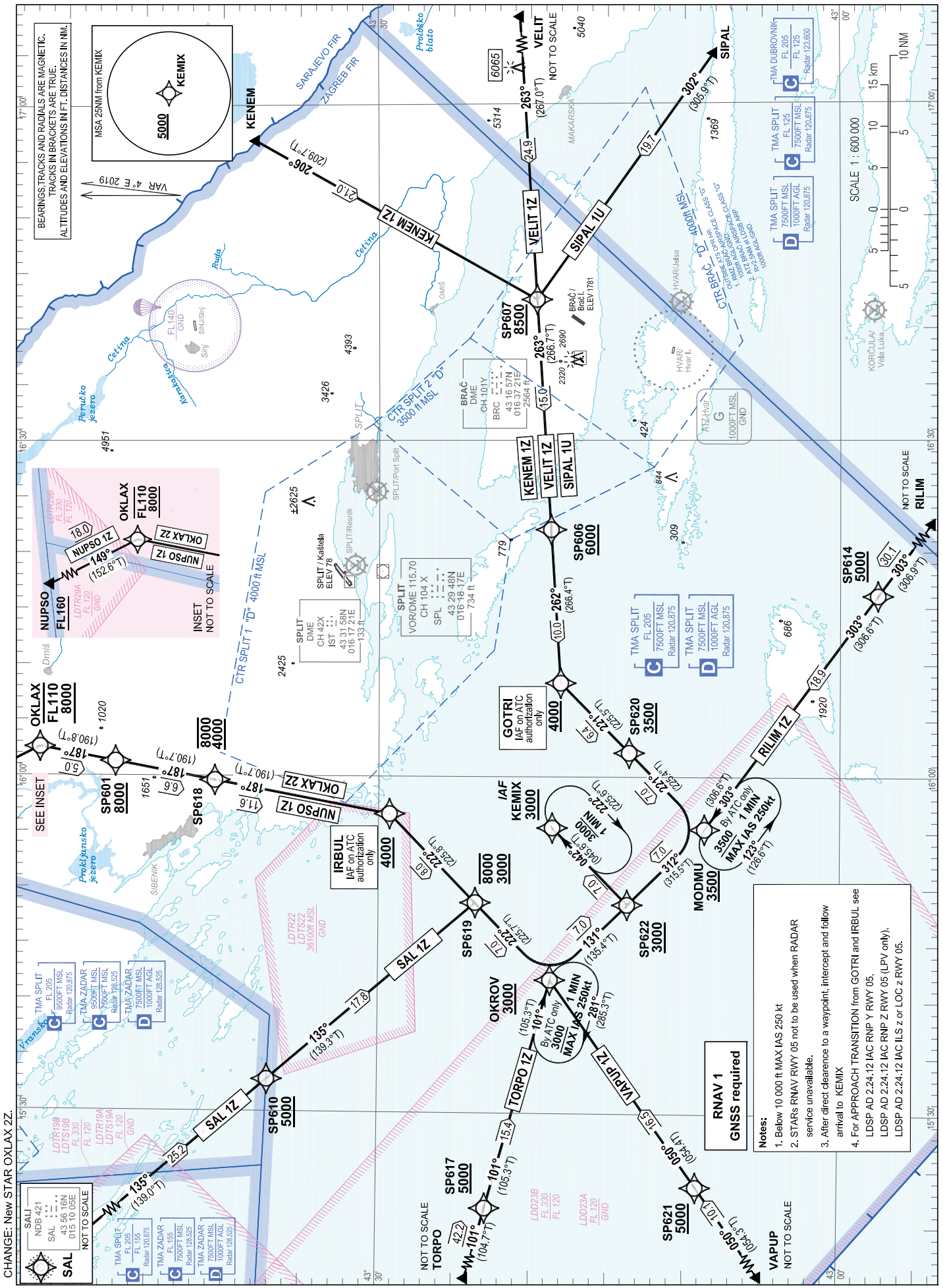
TRANSITION ALTITUDE
10 000

SPLIT ATIS	125.300
SPLIT RADAR	120.875
SPLIT TOWER	124.675

SAL 1Z	OKLAX 2Z	NUPSO 1Z
KENEM 1Z	VELIT 1Z	SIPAL 1U
RILIM 1Z	VAPUP 1Z	TORPO 1Z

SPLIT / Kaštela (LDSP)

RNAV RWY 05



SPLIT/ Kaštela (LDSP)

RNAV RWY 05

SAL 1Z OKLAX 2Z NUPSO 1Z
KENEM 1Z VELIT 1Z SIPAL 1U
RILIM 1Z VAPUP 1Z TORPO 1Z

LDSP RNAV STANDARD ARRIVAL RWY 05

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	SAL 1Z	IF	SAL	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SP610	-	135° (139.0°T)	4°E	25.2	-	+5000	-	-	
030		TF	SP619	-	135° (139.3°T)	4°E	17.8	-	-8000 +3000	-	-	
040		TF	OKROV	-	222° (225.7°T)	4°E	7.0	-	+3000	-	-	
050		TF	SP622	-	131° (135.4°T)	4°E	7.0	-	+3000	-	-	
060		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	
010	OKLAX 2Z	IF	OKLAX	-	-	4°E	-	-	-FL110 +8000	-	-	RNAV 1
020		TF	SP601	-	187° (190.8°T)	4°E	5.0	-	+8000	-	-	
030		TF	SP618	-	187° (190.7°T)	4°E	6.6	-	-8000 +4000	-	-	
040		TF	IRBUL	-	187° (190.7°T)	4°E	11.6	-	+4000	-	IAF on ATC authorization only	
050		TF	SP619	-	222° (225.8°T)	4°E	8.0	-	-8000 +3000	-	-	
060		TF	OKROV	-	222° (225.7°T)	4°E	7.0	-	+3000	-	-	
070		TF	SP622	-	131° (135.4°T)	4°E	7.0	-	+3000	-	-	
080		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	
010	NUPSO 1Z	IF	NUPSO	-	-	4°E	-	-	+FL160	-	-	RNAV 1
020		TF	OKLAX	-	149° (152.6°T)	4°E	18.0	-	-FL110 +8000	-	-	
030		TF	SP601	-	187° (190.8°T)	4°E	5.0	-	+8000	-	-	
040		TF	SP618	-	187° (190.7°T)	4°E	6.6	-	-8000 +4000	-	-	
050		TF	IRBUL	-	187° (190.7°T)	4°E	11.6	-	+4000	-	IAF on ATC authorization only	
060		TF	SP619	-	222° (225.8°T)	4°E	8.0	-	-8000 +3000	-	-	
070		TF	OKROV	-	222° (225.7°T)	4°E	7.0	-	+3000	-	-	
080		TF	SP622	-	131° (135.4°T)	4°E	7.0	-	+3000	-	-	
090		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	

CHANGE: New STAR OXLAX 2Z.

LDSP RNAV STANDARD ARRIVAL RWY 05

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	KENEM 1Z	IF	KENEM	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SP607	-	206° (209.7°T)	4°E	21.0	-	+8500	-	-	
030		TF	SP606	-	263° (266.7°T)	4°E	15.0	-	+6000	-	-	
040		TF	GOTRI	-	262° (266.4°T)	4°E	10.0	-	+4000	-	IAF on ATC authorization only	
050		TF	SP620	-	221° (225.5°T)	4°E	6.4	-	+3500	-	-	
060		TF	MODMU	-	221° (225.4°T)	4°E	7.0	-	+3500	-	-	
070		TF	SP622	-	312° (315.5°T)	4°E	7.0	-	+3000	-	-	
080		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	
010	VELIT 1Z	IF	VELIT	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SP607	-	263° (267.0°T)	4°E	24.9	-	+8500	-	-	
030		TF	SP606	-	263° (266.7°T)	4°E	15.0	-	+6000	-	-	
040		TF	GOTRI	-	262° (266.4°T)	4°E	10.0	-	+4000	-	IAF on ATC authorization only	
050		TF	SP620	-	221° (225.5°T)	4°E	6.4	-	+3500	-	-	
060		TF	MODMU	-	221° (225.4°T)	4°E	7.0	-	+3500	-	-	
070		TF	SP622	-	312° (315.5°T)	4°E	7.0	-	+3000	-	-	
080		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	
010	SIPAL 1U	IF	SIPAL	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SP607	-	302° (305.9°T)	4°E	19.7	-	+8500	-	-	
030		TF	SP606	-	263° (266.7°T)	4°E	15.0	-	+6000	-	-	
040		TF	GOTRI	-	262° (266.4°T)	4°E	10.0	-	+4000	-	IAF on ATC authorization only	
050		TF	SP620	-	221° (225.5°T)	4°E	6.4	-	+3500	-	-	
060		TF	MODMU	-	221° (225.4°T)	4°E	7.0	-	+3500	-	-	
070		TF	SP622	-	312° (315.5°T)	4°E	7.0	-	+3000	-	-	
080		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	

CHANGE: New STAR OXLAX 2Z.

SPLIT/ Kaštela (LDSP)

RNAV RWY 05

SAL 1Z OKLAX 2Z NUPSO 1Z
KENEM 1Z VELIT 1Z SIPAL 1U
RILIM 1Z VAPUP 1Z TORPO 1Z

LDSP RNAV STANDARD ARRIVAL RWY 05

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	RILIM 1Z	IF	RILIM	-	-	4°E	-	-	-	-	-	
020		TF	SP614	-	303° (306.9°T)	4°E	30.1	-	+5000	-	-	
030		TF	MODMU	-	303° (306.6°T)	4°E	18.9	-	+3500	-	-	RNAV 1
040		TF	SP622	-	312° (315.5°T)	4°E	7.0	-	+3000	-	-	
050		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	
010	VAPUP 1Z	IF	VAPUP	-	-	4°E	-	-	-	-	-	
020		TF	SP621	-	050° (054.3°T)	4°E	10.1	-	+5000	-	-	
030		TF	OKROV	-	050° (054.4°T)	4°E	16.5	-	+3000	-	-	RNAV 1
040		TF	SP622	-	131° (135.4°T)	4°E	7.0	-	+3000	-	-	
050		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	
010	TORPO 1Z	IF	TORPO	-	-	4°E	-	-	-	-	-	
020		TF	SP617	-	101° (104.7°T)	4°E	42.2	-	+5000	-	-	
030		TF	OKROV	-	101° (105.3°T)	4°E	15.4	-	+3000	-	-	RNAV 1
040		TF	SP622	-	131° (135.4°T)	4°E	7.0	-	+3000	-	-	
050		TF	KEMIX	-	042° (045.6°T)	4°E	7.0	-	+3000	-	IAF	

IAF on ATC authorization only: For APPROACH TRANSITION from GOTRI and IRBUL see LDSP AD 2.24.12 IAC RNP Y RWY 05, LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only), LDSP AD 2.24.12 IAC ILS z or LOC z RWY 05.

RNAV HOLDING tabular description

Waypoint name	Path descriptor	Inbound course °M (°T)	Leg time/ distance (NM)	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
KEMIX	HM	042° (045.6°T)	1MIN / -	R	3000	-	-	4°E	-	RNAV 1
OKROV	HM	101° (105.3°T)	1MIN / -	R	3000	-	250	4°E	HLDG by ATC only	RNAV 1
MODMU	HM	303° (306.6°T)	1MIN / -	L	3500	-	250	4°E	HLDG by ATC only	RNAV 1

CHANGE: New STAR OXLAX 2Z.

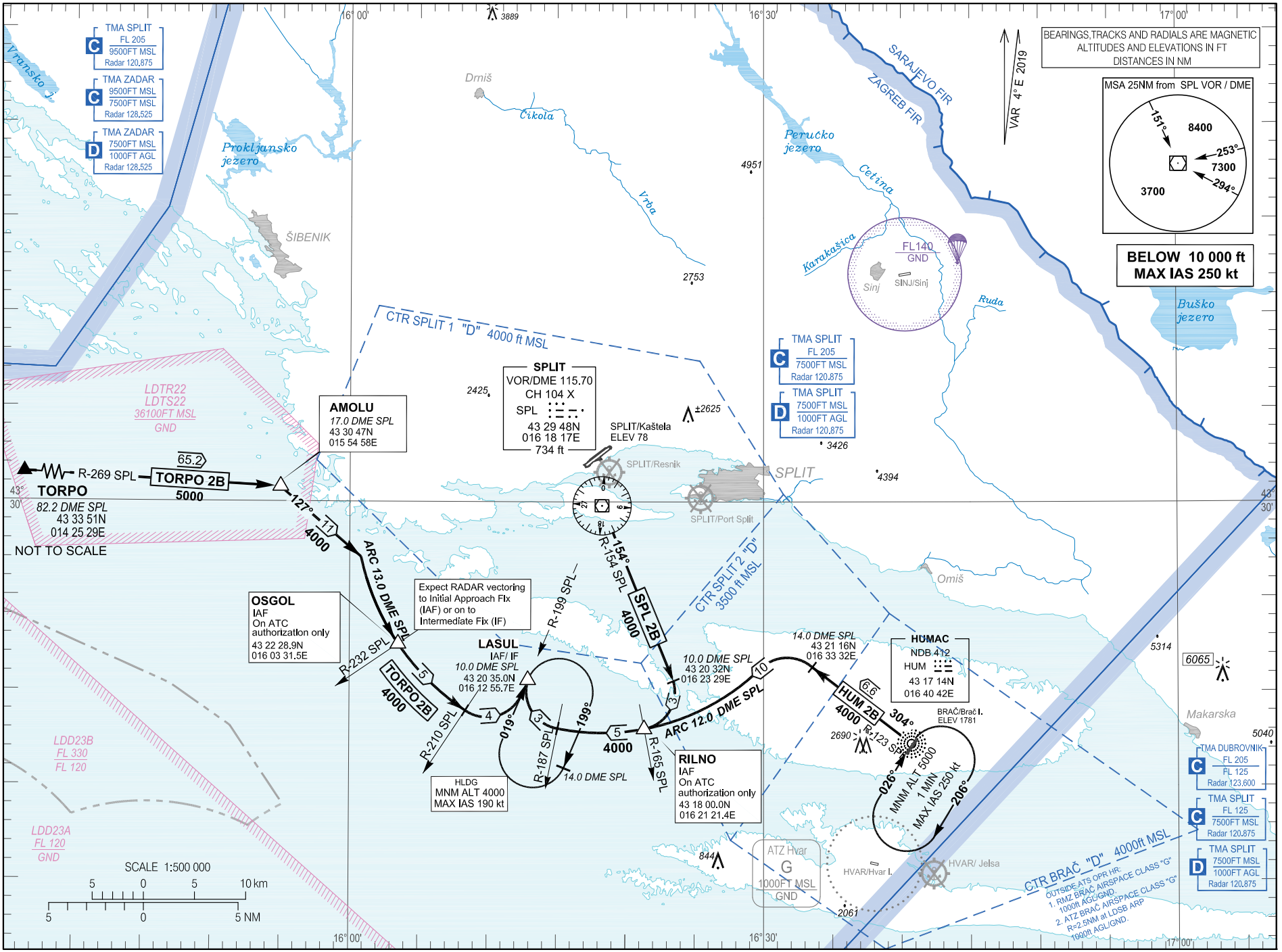
Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
SAL	435616.30N	0151005.19E
GOTRI	431811.7N	0160821.4E
IRBUL	432917.5N	0155638.4E
KEMIX	431842.4N	0155526.9E
MODMU	430848.2N	0155520.2E
NUPSO	440803N	0155108E
OKROV	431848.1N	0154153.1E
KENEM	433800N	0165648E
OKLAX	435203N	0160234E
RILIM	423931N	0164856E
SIPAL	430812N	0170425E
TORPO	433351N	0142529E

Waypoint name	WGS-84 latitude	WGS-84 longitude
VAPUP	430321N	0151220E
VELIT	432106N	0171638E
SP601	434708.0N	0160117.2E
SP606	431849.9N	0162201.7E
SP607	431944.2N	0164232.8E
SP610	433710.7N	0153251.9E
SP614	425733.3N	0161606.9E
SP617	432254.6N	0152130.4E
SP618	434040.2N	0155935.9E
SP619	432341.6N	0154845.0E
SP620	431343.4N	0160208.8E
SP621	430913.4N	0152330.6E
SP622	431348.8N	0154836.6E

CHANGE: New STAR OXLAX 2Z.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

CHANGE: LDD23A and LDD23B areas added; RMZ Brač added.



AIP HRVATSKA
AIP CROATIA

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
10 000

SPLIT ATIS 125.300
SPLIT TOWER 124.675
SPLIT RADAR 120.875

LDSP AD 2.24.10 STAR RWY 23 -1
16 MAY 2024

SPLIT / Kaštela (LDSP)
RWY 23
TORPO 2B SPL 2B HUM 2B

AIRAC AIP AMDT 004/2024

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

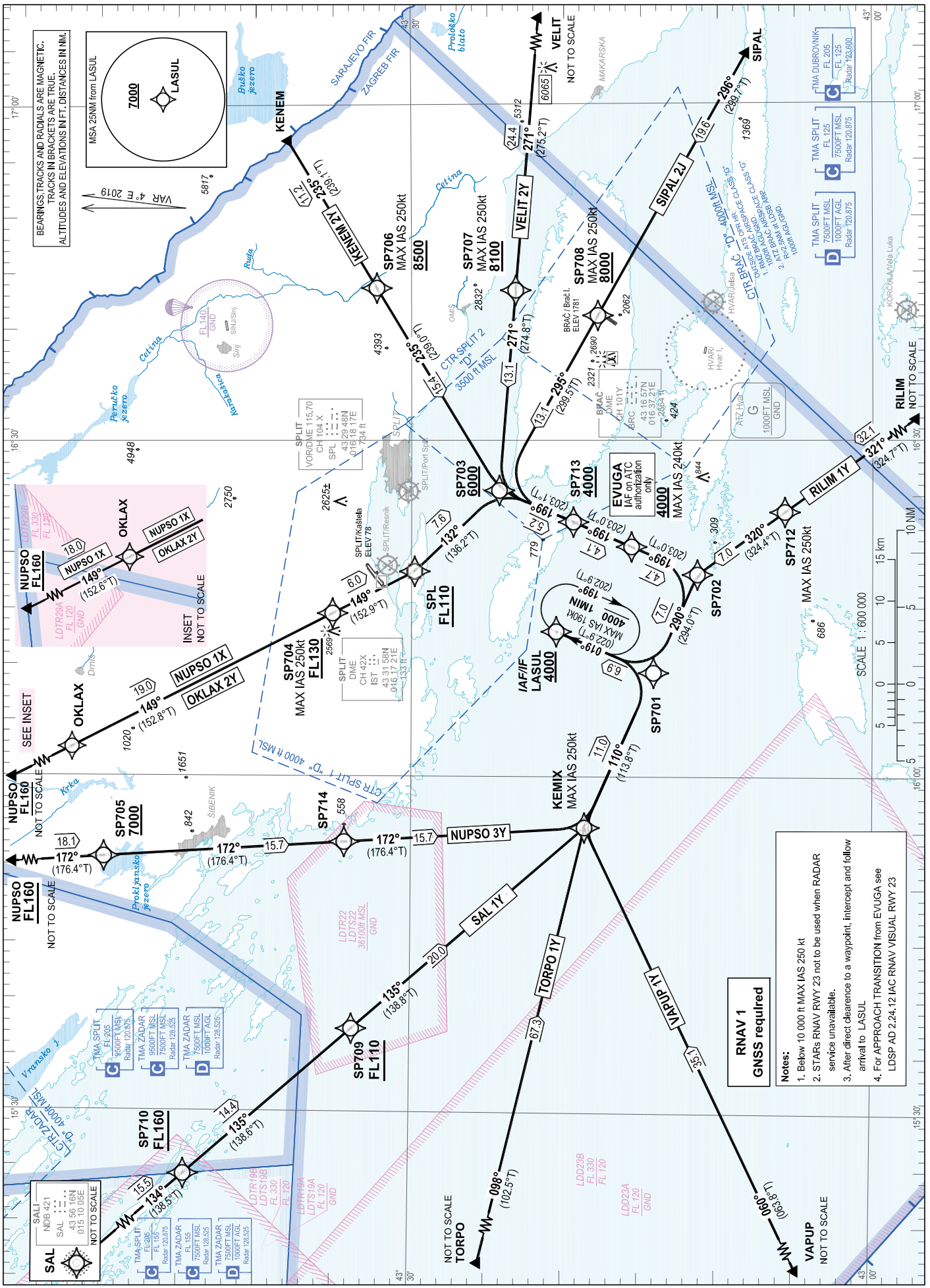
TRANSITION ALTITUDE
10 000

SPLIT ATIS	125.300
SPLIT RADAR	120.875
SPLIT TOWER	124.675

SAL 1Y NUPSO 3Y OKLAX 2Y
NUPSO 1X KENEM 2Y VELIT 2Y
SIPAL 2J RILIM 1Y VAPUP 1Y TORPO 1Y

SPLIT / Kaštela (LDSP)

RNAV RWY 23



Change: New STAR OKLAX 2Y; Some LDTR, LDTS and LDD areas added or removed; RMZ Brač added; PBN box updated; Editorial.

SPLIT/ Kaštela (LDSP)

RNAV RWY 23

SAL 1Y NUPSO 3Y OKLAX 2Y
NUPSO 1X KENEM 2Y VELIT 2Y
SIPAL 2J RILIM 1Y VAPUP 1Y TORPO 1Y

LDSP RNAV STANDARD ARRIVAL RWY 23

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	SAL 1Y	IF	SAL	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SP710	-	134° (138.5°T)	4°E	15.5	-	+FL160	-	-	
030		TF	SP709	-	135° (138.6°T)	4°E	14.4	-	+FL110	-	-	
040		TF	KEMIX	-	135° (138.8°T)	4°E	20.0	-	-	-250	-	
050		TF	SP701	-	110° (113.8°T)	4°E	11.0	-	-	-	-	
060		TF	LASUL	-	019° (022.9°T)	4°E	6.9	L	+4000	-	IAF/IF	
010	NUPSO 3Y	IF	NUPSO	-	-	4°E	-	-	+FL160	-	-	RNAV 1
020		TF	SP705	-	172° (176.4°T)	4°E	18.1	-	+7000	-	-	
030		TF	SP714	-	172° (176.4°T)	4°E	15.7	-	-	-	-	
040		TF	KEMIX	-	172° (176.4°T)	4°E	15.7	-	-	-250	-	
050		TF	SP701	-	110° (113.8°T)	4°E	11.0	-	-	-	-	
060		TF	LASUL	-	019° (022.9°T)	4°E	6.9	L	+4000	-	IAF/IF	
010	OKLAX 2Y	IF	OKLAX	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SP704	-	149° (152.8°T)	4°E	19.0	-	+FL130	-250	-	
030		TF	SPL	-	149° (152.9°T)	4°E	6.0	-	+FL110	-	-	
040		TF	SP703	-	132° (136.2°T)	4°E	7.6	-	+6000	-	-	
050		TF	SP713	-	199° (203.1°T)	4°E	5.2	-	+4000	-	-	
060		TF	EVUGA	-	199° (203.0°T)	4°E	4.1	-	+4000	-240	IAF on ATC authorization only	
070		TF	SP702	-	199° (203.0°T)	4°E	4.7	-	-	-	-	
080		TF	SP701	-	290° (294.0°T)	4°E	7.0	-	-	-	-	
090		TF	LASUL	-	019° (022.9°T)	4°E	6.9	-	+4000	-	IAF/IF	

Change: New STAR OKLAX 2Y; Some LDTR, LDTS and LDD areas added or removed; RMZ Brač added; PBN box updated; Editorial.

SAL 1Y NUPSO 3Y OKLAX 2Y
NUPSO 1X KENEM 2Y VELIT 2Y
SIPAL 2J RILIM 1Y VAPUP 1Y TORPO 1Y

SPLIT / Kaštela (LDSP)

RNAV RWY 23

LDSP RNAV STANDARD ARRIVAL RWY 23

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	NUPSO 1X	IF	NUPSO	-	-	4°E	-	-	+FL160	-	-	RNAV 1
020		TF	OKLAX	-	149° (152.6°T)	4°E	18.0	-	-	-	-	
030		TF	SP704	-	149° (152.8°T)	4°E	19.0	-	+FL130	-250	-	
040		TF	SPL	-	149° (152.9°T)	4°E	6.0	-	+FL110	-	-	
050		TF	SP703	-	132° (136.2°T)	4°E	7.6	-	+6000	-	-	
060		TF	SP713	-	199° (203.1°T)	4°E	5.2	-	+4000	-	-	
070		TF	EVUGA	-	199° (203.0°T)	4°E	4.1	-	+4000	-240	IAF on ATC authorization only	
080		TF	SP702	-	199° (203.0°T)	4°E	4.7	-	-	-	-	
090		TF	SP701	-	290° (294.0°T)	4°E	7.0	-	-	-	-	
100		TF	LASUL	-	019° (022.9°T)	4°E	6.9	-	+4000	-	IAF/IF	
010	KENEM 2Y	IF	KENEM	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SP706	-	235° (239.1°T)	4°E	11.2	-	+8500	-250	-	
030		TF	SP703	-	235° (239.0°T)	4°E	15.4	-	+6000	-	-	
040		TF	SP713	-	199° (203.1°T)	4°E	5.2	-	+4000	-		
050		TF	EVUGA	-	199° (203.0°T)	4°E	4.1	-	+4000	-240	IAF on ATC authorization only	
060		TF	SP702	-	199° (203.0°T)	4°E	4.7	-	-	-	-	
070		TF	SP701	-	290° (294.0°T)	4°E	7.0	-	-	-	-	
080		TF	LASUL	-	019° (022.9°T)	4°E	6.9	-	+4000	-	IAF/IF	
010	VELIT 2Y	IF	VELIT	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SP707	-	271° (275.2°T)	4°E	24.4	-	+8100	-250	-	
030		TF	SP703	-	271° (274.8°T)	4°E	13.1	-	+6000	-	-	
040		TF	SP713	-	199° (203.1°T)	4°E	5.2	-	+4000	-	-	
050		TF	EVUGA	-	199° (203.0°T)	4°E	4.1	-	+4000	-240	IAF on ATC authorization only	
060		TF	SP702	-	199° (203.0°T)	4°E	4.7	-	-	-	-	
070		TF	SP701	-	290° (294.0°T)	4°E	7.0	-	-	-	-	
080		TF	LASUL	-	019° (022.9°T)	4°E	6.9	-	+4000	-	IAF/IF	

Change: New STAR OKLAX 2Y; Some LDTR, LDTS and LDD areas added or removed; RMZ Brač added; PBN box updated; Editorial.

SPLIT/ Kaštela (LDSP)

RNAV RWY 23

SAL 1Y NUPSO 3Y OKLAX 2Y
NUPSO 1X KENEM 2Y VELIT 2Y
SIPAL 2J RILIM 1Y VAPUP 1Y TORPO 1Y

LDSP RNAV STANDARD ARRIVAL RWY 23

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	SIPAL 2J	IF	SIPAL	-	-	4°E	-	-	-	-	-	
020		TF	SP708	-	296° (299.7°T)	4°E	19.6	-	+8000	-250	-	
030		TF	SP703	-	295° (299.5°T)	4°E	13.1	-	+6000	-	-	
040		TF	SP713	-	199° (203.1°T)	4°E	5.2	L	+4000	-	-	
050		TF	EVUGA	-	199° (203.0°T)	4°E	4.1	-	+4000	-240	IAF on ATC authorization only	RNAV 1
060		TF	SP702	-	199° (203.0°T)	4°E	4.7	-	-	-	-	
070		TF	SP701	-	290° (294.0°T)	4°E	7.0	-	-	-	-	
080		TF	LASUL	-	019° (022.9°T)	4°E	6.9	-	+4000	-	IAF/IF	
010	RILIM 1Y	IF	RILIM	-	-	4°E	-	-	-	-	-	
020		TF	SP712	-	321° (324.7°T)	4°E	32.1	-	-	-250	-	
030		TF	SP702	-	320° (324.4°T)	4°E	7.0	-	-	-	-	RNAV 1
040		TF	SP701	-	290° (294.0°T)	4°E	7.0	-	-	-	-	
050		TF	LASUL	-	019° (022.9°T)	4°E	6.9	-	+4000	-	IAF/IF	
010	VAPUP 1Y	IF	VAPUP	-	-	4°E	-	-	-	-	-	
020		TF	KEMIX	-	060° (063.8°T)	4°E	35.1	-	-	-250	-	
030		TF	SP701	-	110° (113.8°T)	4°E	11.0	-	-	-	-	RNAV 1
040		TF	LASUL	-	019° (022.9°T)	4°E	6.9	L	+4000	-	IAF/IF	
010	TORPO 1Y	IF	TORPO	-	-	4°E	-	-	-	-	-	
020		TF	KEMIX	-	098° (102.5°T)	4°E	67.3	-	-	-250	-	
030		TF	SP701	-	110° (113.8°T)	4°E	11.0	-	-	-	-	RNAV 1
040		TF	LASUL	-	019° (022.9°T)	4°E	6.9	L	+4000	-	IAF/IF	

IAF on ATC authorization only: For APPROACH TRANSITION from EVUGA see LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23

Change: New STAR OKLAX 2Y; Some LDTR, LDTS and LDD areas added or removed; RMZ Brač added; PBN box updated; Editorial.

RNAV HOLDING tabular description

Waypoint name	Path descriptor	Inbound course °M (°T)	Leg time/ distance (NM)	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
LASUL	HM	019° (022.9°T)	1 MIN / -	R	4000	-	190	4°E	-	RNAV 1

Waypoint coordinates

Waypoint name	WGS-84 latitude	WGS-84 longitude
SPL	432947.69N	0161817.00E
SAL	435616.30N	0151005.20E
EVUGA	431541.3N	0162030.1E
KEMIX	431842.4N	0155526.9E
KENEM	433800N	0165648E
LASUL	432035.0N	0161255.7E
NUPSO	440803N	0155108E
OKLAX	435202.8N	0160234.4E
RILIM	423931N	0164856E
SIPAL	430812N	0170425E
TORPO	433351N	0142529E
VAPUP	430321N	0151220E
VELIT	432106N	0171638E
SP701	431414.9N	0160915.7E
SP702	431124.1N	0161800.7E
SP703	432417.5N	0162531.0E
SP704	433507.8N	0161432.2E
SP705	434957.1N	0155244.1E
SP706	433214.9N	0164336.2E
SP707	432313.3N	0164322.8E
SP708	431752.7N	0164107.4E
SP709	433347.1N	0153724.0E
SP710	434437.7N	0152417.3E
SP712	430542.5N	0162334.9E
SP713	431928.5N	0162242.3E
SP714	433419.8N	0155405.9E

Change: New STAR OKLAX 2Y; Some LDTR, LDTS and LDD areas added or removed; RMZ Brač added; PBN box updated; Editorial.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

ATC SURVEILLANCE MINIMUM ALTITUDE CHART - ICAO

TRANSITION ALTITUDE
10 000

AD ELEV 78 ft

SPLIT ATIS 125.300
SPLIT RADAR 120.875
SPLIT TOWER 124.675

SPLIT / Kaštela (LDSP)

GENERAL INFORMATION:

1. ATC SURVEILLANCE BASED ON RADAR SYSTEM.
2. BELOW THE RADAR MINIMUM ALTITUDE, IFR FLIGHTS WILL BE NORMALLY CLEARED ON PUBLISHED IFR PROCEDURES ONLY.
3. MINIMUM ALTITUDES ARE REFERRED TO SPLIT QNH AND ARE INDICATED IN FT MSL.
4. THE AREAS DEPICTED AND ASSOCIATED MINIMUM ALTITUDES ARE ESTABLISHED BY APPLYING APPROPRIATE BUFFER AND OBSTACLE CLEARANCE OF AT LEAST 1000 FT, PLUS ADDITIONAL BUFFER OF 500 FT FOR THE LOWER LIMIT OF THE CONTROLLED AIRSPACE IN FIR ZAGREB.
5. ONLY SIGNIFICANT OBSTACLES AND DOMINANT SPOT ELEVATIONS SHOWN.
6. THIS CHART SHOULD ONLY BE USED FOR THE CROSS-CHECKING OF ASSIGNED ALTITUDES WHILST UNDER RADAR CONTROL.

ALTITUDES AND ELEVATIONS IN FT
DISTANCES IN NM

SCALE 1 : 650 000
5 0 5 10 15 km
5 0 5 10NM

CHANGE: Sector 15 minimum altitude; Obstacles updated; Editorial.

SPLIT / Kaštela (LDSP)

LIST OF COORDINATES FOR
MINIMUM VECTORING ALTITUDE SECTORS

	WGS-84 latitude	WGS-84 longitude
SECTOR 1	441003N	0161628E
	along FIR BDRY Zagreb-Sarajeco	
	433536N	0165920E
	432932N	0165404E
	433924N	0164026E
	440844N	0155940E
	441003N	0161628E

	WGS-84 latitude	WGS-84 longitude
SECTOR 2	433536N	0165920E
	along FIR BDRY Zagreb-Sarajeco	
	431049N	0172551E
	425908N	0171730E
	430600N	0170427E
	431200N	0165942E
	432115N	0164655E
	432932N	0165404E
	433536N	0165920E

	WGS-84 latitude	WGS-84 longitude
SECTOR 3	434023N	0162943E
	433924N	0164026E
	432932N	0165404E
	432115N	0164655E
	432353N	0164315E
	432613N	0163513E
	433130N	0162943E
	434023N	0162943E

	WGS-84 latitude	WGS-84 longitude
SECTOR 4	440844N	0155940E
	433924N	0164026E
	434023N	0162943E
	434118N	0161923E
	435205N	0160228E
	435846N	0155146E
	440821N	0155450E
	440844N	0155940E

	WGS-84 latitude	WGS-84 longitude
SECTOR 5	435205N	0160228E
	434118N	0161923E
	432749N	0162943E
	433600N	0161938E
	434048N	0161343E
	435205N	0160228E

	WGS-84 latitude	WGS-84 longitude
SECTOR 6	434118N	0161923E
	434023N	0162943E
	433130N	0162943E
	432613N	0163513E
	432749N	0162943E
	434118N	0161923E

	WGS-84 latitude	WGS-84 longitude
SECTOR 7	432749N	0162943E
	432613N	0163513E
	432353N	0164315E
	432115N	0164655E
	431200N	0165942E
	432015N	0164604E
	432208N	0164033E
	432749N	0162943E

	WGS-84 latitude	WGS-84 longitude
SECTOR 8	430600N	0170427E
	425908N	0171730E
	425500N	0171433E
	425256N	0171305E
	425000N	0171101E
	425401N	0165939E
	430220N	0165850E
	430600N	0170427E

	WGS-84 latitude	WGS-84 longitude
SECTOR 9	425000N	0171101E
	424048N	0170431E
	423929N	0164827E
	424108N	0164343E
	430222N	0162952E
	425936N	0163731E
	431101N	0165758E
	430220N	0165850E
	425401N	0165939E
	425000N	0171101E

	WGS-84 latitude	WGS-84 longitude
SECTOR 10	430322N	0162705E
	430445N	0162943E
	431543N	0162354E
	431041N	0163513E
	431200N	0165942E
	430600N	0170427E
	430220N	0165850E
	431101N	0165758E
	425936N	0163731E
	430222N	0162952E
	430322N	0162705E

	WGS-84 latitude	WGS-84 longitude
SECTOR 11	431543N	0162354E
	430445N	0162943E
	430322N	0162705E
	425852N	0161835E
	425407N	0160118E
	430650N	0155546E
	431543N	0162354E

	WGS-84 latitude	WGS-84 longitude
SECTOR 12	432749N	0162943E
	432208N	0164033E
	432015N	0164604E
	431200N	0165942E
	431041N	0163513E
	431543N	0162354E
	431843N	0162240E
	432345N	0163315E
	432749N	0162943E

	WGS-84 latitude	WGS-84 longitude
SECTOR 13	434902N	0154806E
	433159N	0155703E
	432828N	0160736E
	432819N	0161246E
	432902N	0161453E
	432917N	0161515E
	433137N	0161951E
	432749N	0162943E
	432345N	0163315E
	431843N	0162240E
	431543N	0162354E
	430650N	0155546E
	425407N	0160118E
	425852N	0161835E
	430322N	0162705E
	430222N	0162952E
	424108N	0164343E
	423929N	0164827E
	423454N	0155610E
	along FIR BDRY Zagreb-Bridisi	
	along FIR BDRY Zagreb-Milano	
	433902N	0141944E
	433700N	0153833E
	434530N	0154643E
	434902N	0154806E

	WGS-84 latitude	WGS-84 longitude
SECTOR 14	434902N	0154806E
	433131N	0160407E
	432902N	0161453E
	432819N	0161246E
	432828N	0160736E
	433159N	0155703E
	434902N	0154806E

	WGS-84 latitude	WGS-84 longitude
SECTOR 15	434902N	0154806E
	433946N	0160144E
	433600N	0161938E
	432749N	0162943E
	433137N	0161951E
	432917N	0161515E
	432902N	0161453E
	433131N	0160407E
	434902N	0154806E

	WGS-84 latitude	WGS-84 longitude
SECTOR 16	435846N	0155146E
	435205N	0160228E
	434048N	0161343E
	433600N	0161938E
	433946N	0160144E
	434902N	0154806E
	435700N	0155113E
	435846N	0155146E

CHANGE: Sector 15 minimum altitude; Obstacles updated; Editorial.

LDZA AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	ZAGREB
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR)
4	Trend Forecast Interval of issuance	TREND 30 MIN
5	Briefing/consultation provided	Selfbriefing (URL: https://ib.crocontrol.hr) or by phone: +385 1 6259 240
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone: +385 1 6259 237 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satelite images • Radar images
8	Supplementary equipment available for providing information	URL:https://met.crocontrol.hr
9	ATS units provided with information	Zagreb TWR, Zagreb APP
10	Additional information (limitation of service, etc.)	NIL

LDZA AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designations	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR COORD RWY End COORD THR Geoid Undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
04	046.79°	3252 x 45	390 M, CONC, PCN 68/R/B/W/T 106 M, CONC, PCN 54/R/A/W/T 2262 M, ASPH, PCN 54/F/A/W/T 494 M, CONC, PCN 54/R/A/W/T	454354.75N 0160307.09E 454506.86N 0160456.75E 148.2 FT	THR 353 FT TDZ 353 FT
22	226.81°	3252 x 45		454506.86N 0160456.75E 454354.75N 0160307.09E 148.2 FT	THR 348 FT TDZ 349 FT

RWY Designations	Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)
1	7	8	9	10	11
04	Slope of RWY 04/22: 0%	NIL	NIL	3372 x 300	Length: 240 M Width: 90 M
22		NIL	NIL		Length: 240 M Width: 90 M

RWY Designations	Location and description of arresting system	OFZ	Remarks
1	12	13	14
04	NIL	YES	Along RWY edges and turn pad RWY22, paved shoulders, width: 7.5 M RWY22 turn pad dimensions: length: 79 M and width: 71 M
22	NIL	NIL	

LDZA AD 2.13 DECLARED DISTANCES

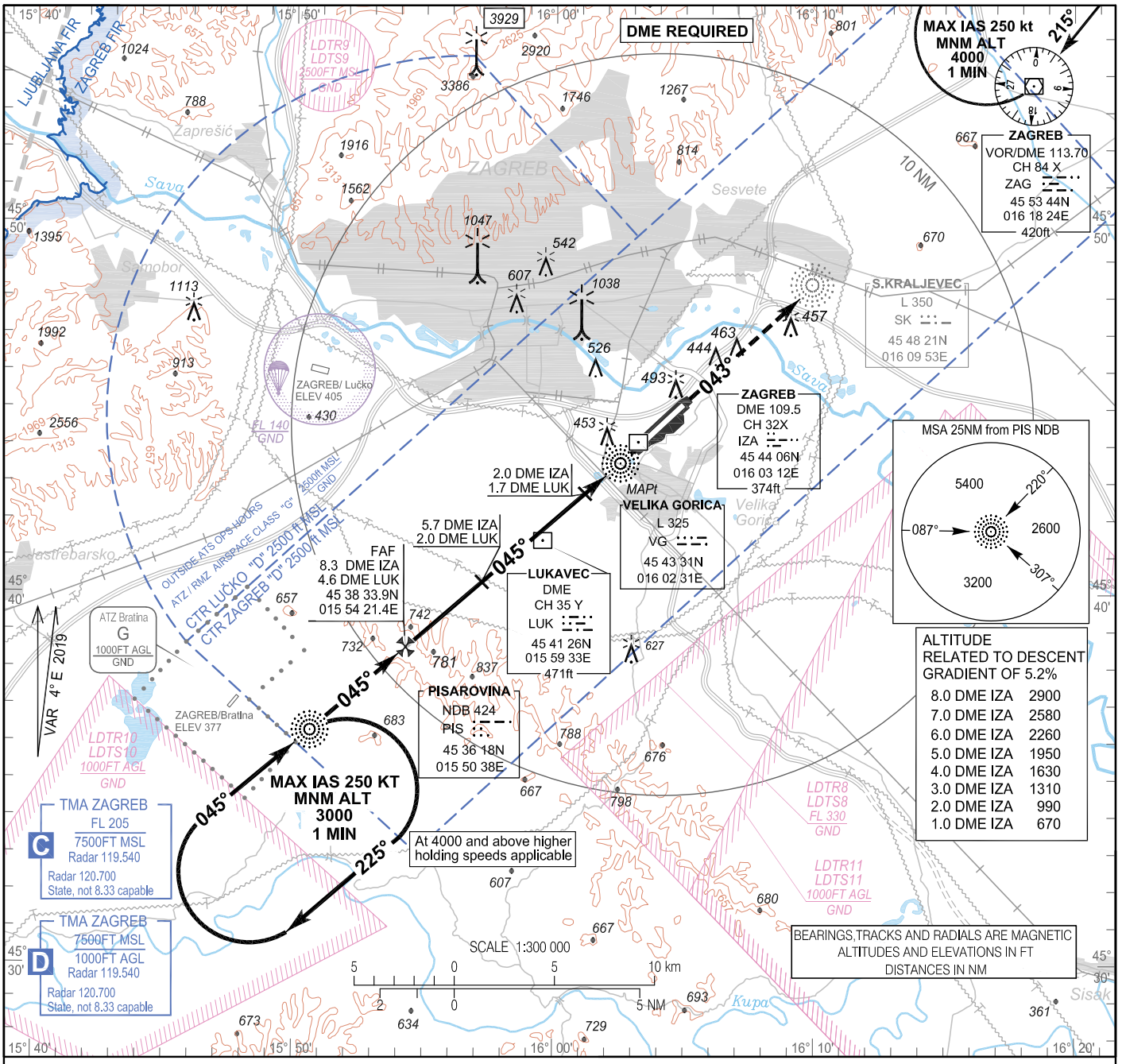
RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
04	3252	3252	3252	3252	NIL
	2912	2912	2912	NIL	Intersection TWY B
	2162	2162	2162	NIL	Intersection TWY C
22	3252	3252	3252	3252	NIL
	2457	2457	2457	NIL	Intersection TWY D
	2916	2916	2916	NIL	Intersection TWY E

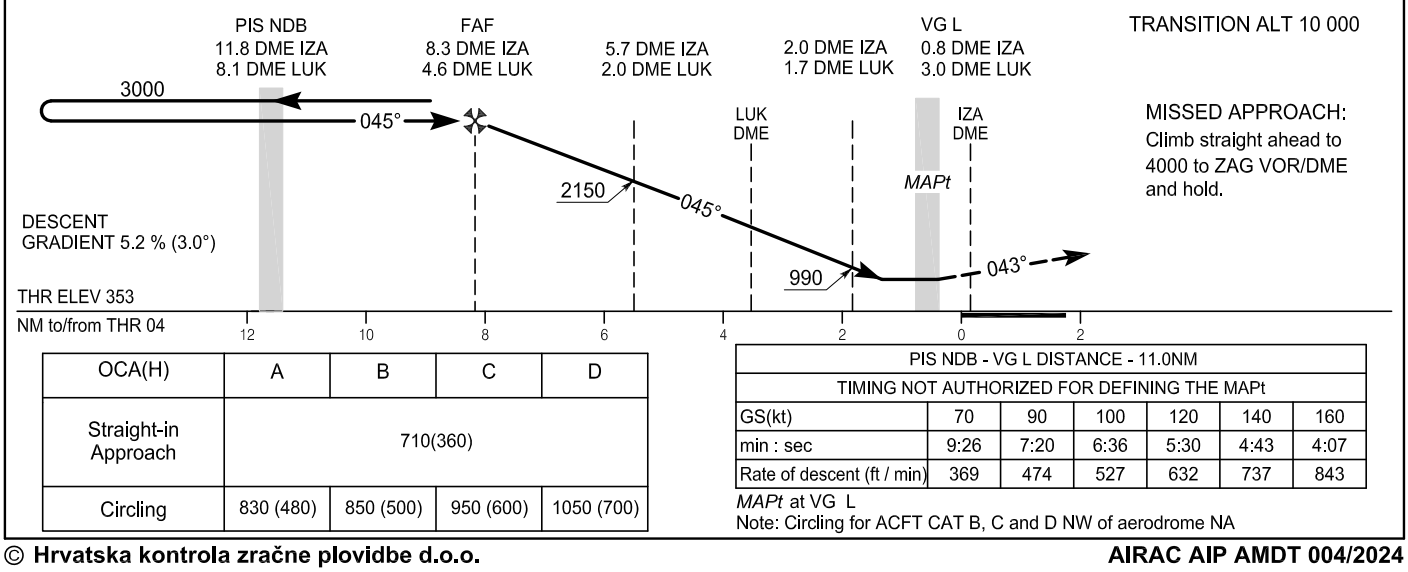
INSTRUMENT APPROACH
CHART-ICAO

AD ELEV 353
HEIGHTS RELATED
TO THR 04 ELEV 353

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA
L RWY 04





OCA(H)	A	B	C	D
Straight-in Approach	710(360)			
Circling	830 (480)	850 (500)	950 (600)	1050 (700)

PIS NDB - VG L DISTANCE - 11.0NM						
TIMING NOT AUTHORIZED FOR DEFINING THE MAPt						
GS(kt)	70	90	100	120	140	160
min : sec	9:26	7:20	6:36	5:30	4:43	4:07
Rate of descent (ft / min)	369	474	527	632	737	843

MAPt at VG L
Note: Circling for ACFT CAT B, C and D NW of aerodrome NA

CHANGE: Zagreb Radar frequency.

ZAGREB / Franjo Tuđman
CROATIA
L RWY 04

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
LDZA L RWY 04			
Final approach descent angle:		3.01°	
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (PIS NDB)	45 36 18.10N 015 50 38.39E	-	-
FAF	45 38 33.9N 015 54 21.4E	049.06° (L VG)	8.31 DME IZA 4.63 DME LUK
SDF	45 40 18.5N 015 57 13.4E	049.06° (L VG)	5.65 DME IZA 1.98 DME LUK
SDF	45 42 41.9N 016 01 09.9E	049.06° (L VG)	2.00 DME IZA 1.70 DME LUK
MAPt (VG L)	45 43 31.30N 016 02 31.44E	-	-

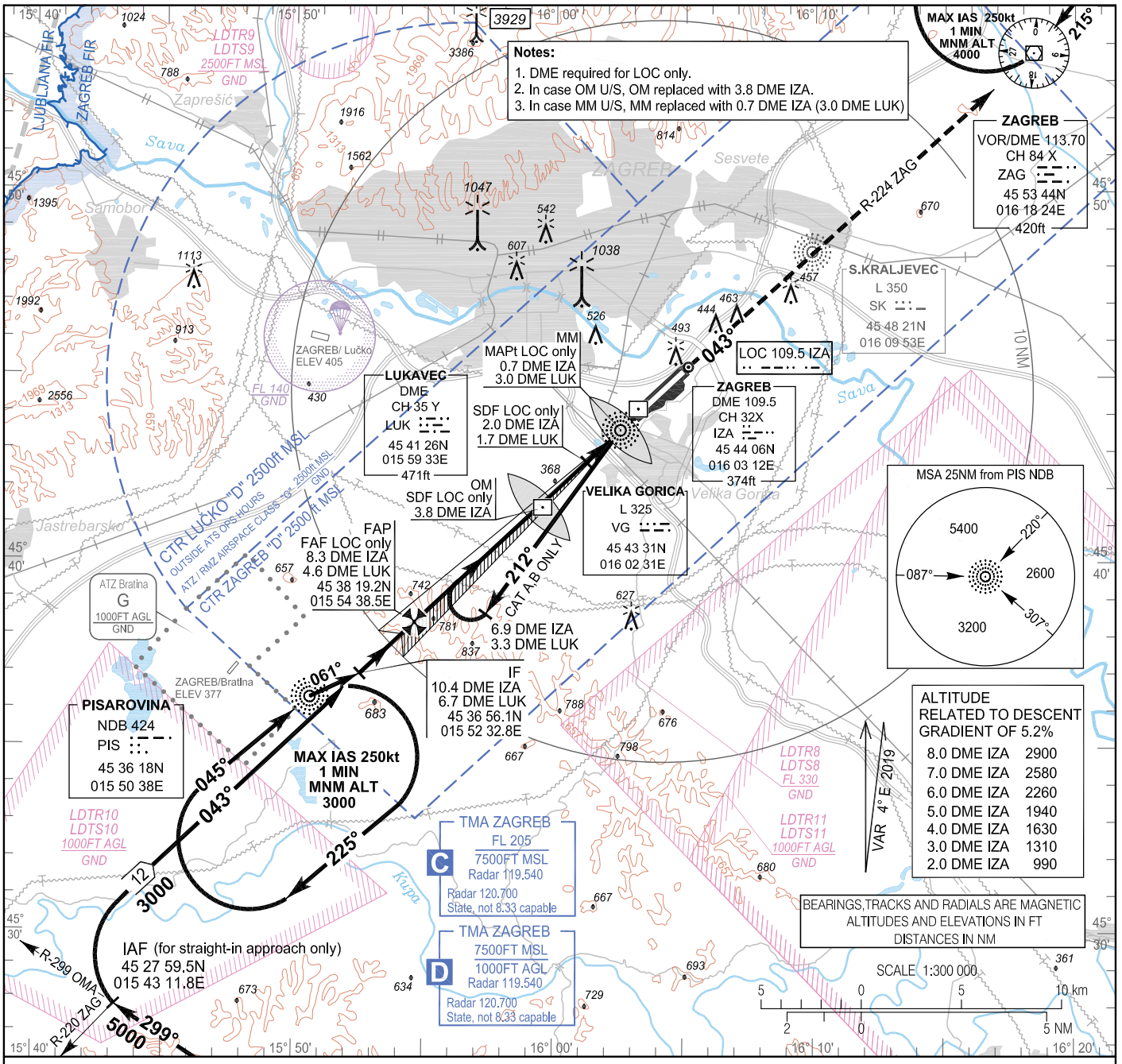
CHANGE: Zagreb Radar frequency.

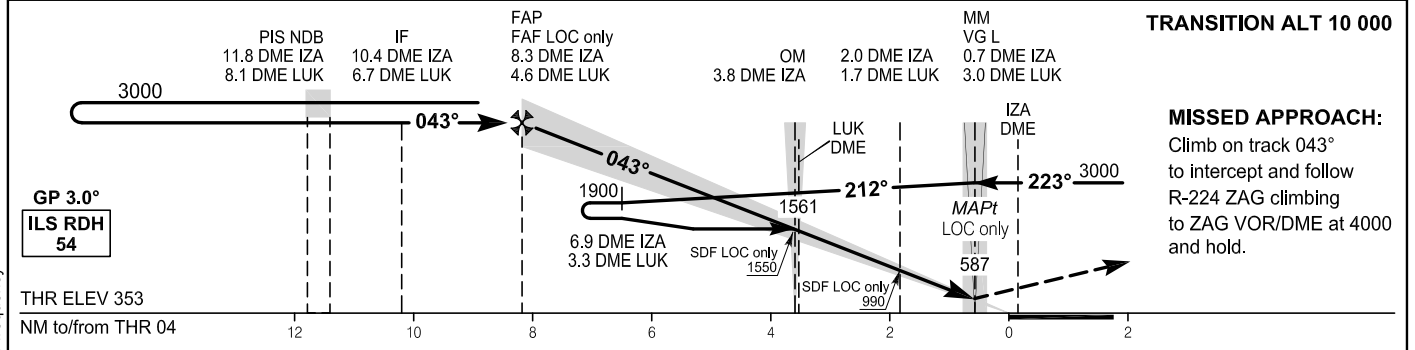
INSTRUMENT APPROACH CHART-ICAO

AD ELEV 353
HEIGHTS RELATED TO THR 04 ELEV 353

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA
ILS y or LOC y RWY 04 CAT I/II/III





OCA(H)		A	B	C	D
Straight-in Approach	ILS CAT I press. altim.	498 (145)	508 (155)	521 (168)	534 (181)
	ILS CAT II radio. altim.	413 (60)	419 (66)	429 (76)	439 (86)
	LOC only	680 (330)			
Circling		790 (440)	850 (500)	950 (600)	1050 (700)

GS (kt)	70	90	100	120	140	160	180
Rate of descent (ft / min)	372	478	531	637	743	850	956

Note: Circling for ACFT CAT B, C and D NW of aerodrome not allowed

CHANGE: Zagreb Radar frequency.

ZAGREB / Franjo Tuđman
CROATIA
ILS y or LOC y RWY 04 CAT I/II/III

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
ILS y or LOC y RWY 04			
LOC only - final approach descent angle:		3.00°	
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (PIS NDB)	45 36 18.10N 015 50 38.39E	-	-
IAF (for straight-in approach only)	45 27 59.5N 015 43 11.8E	303.94° (OMA VOR)	224.00° (ZAG VOR)
IF	45 36 56.1N 015 52 32.8E	046.78° (IZA LOC)	10.35 DME IZA 6.66 DME LUK
FAF LOC only	45 38 19.2N 015 54 38.5E	046.78° (IZA LOC)	8.33 DME IZA 4.64 DME LUK
SDF LOC only (OM 04)	45 41 26.29N 015 59 24.06E	046.78° (IZA LOC)	3.77 DME IZA
SDF LOC only	45 42 39.7N 016 01 13.1E	046.78° (IZA LOC)	2.00 DME IZA 1.70 DME LUK
MAPt LOC only (MM 04)	45 43 31.45N 016 02 31.71E	046.78° (IZA LOC)	0.74 DME IZA 2.96 DME LUK

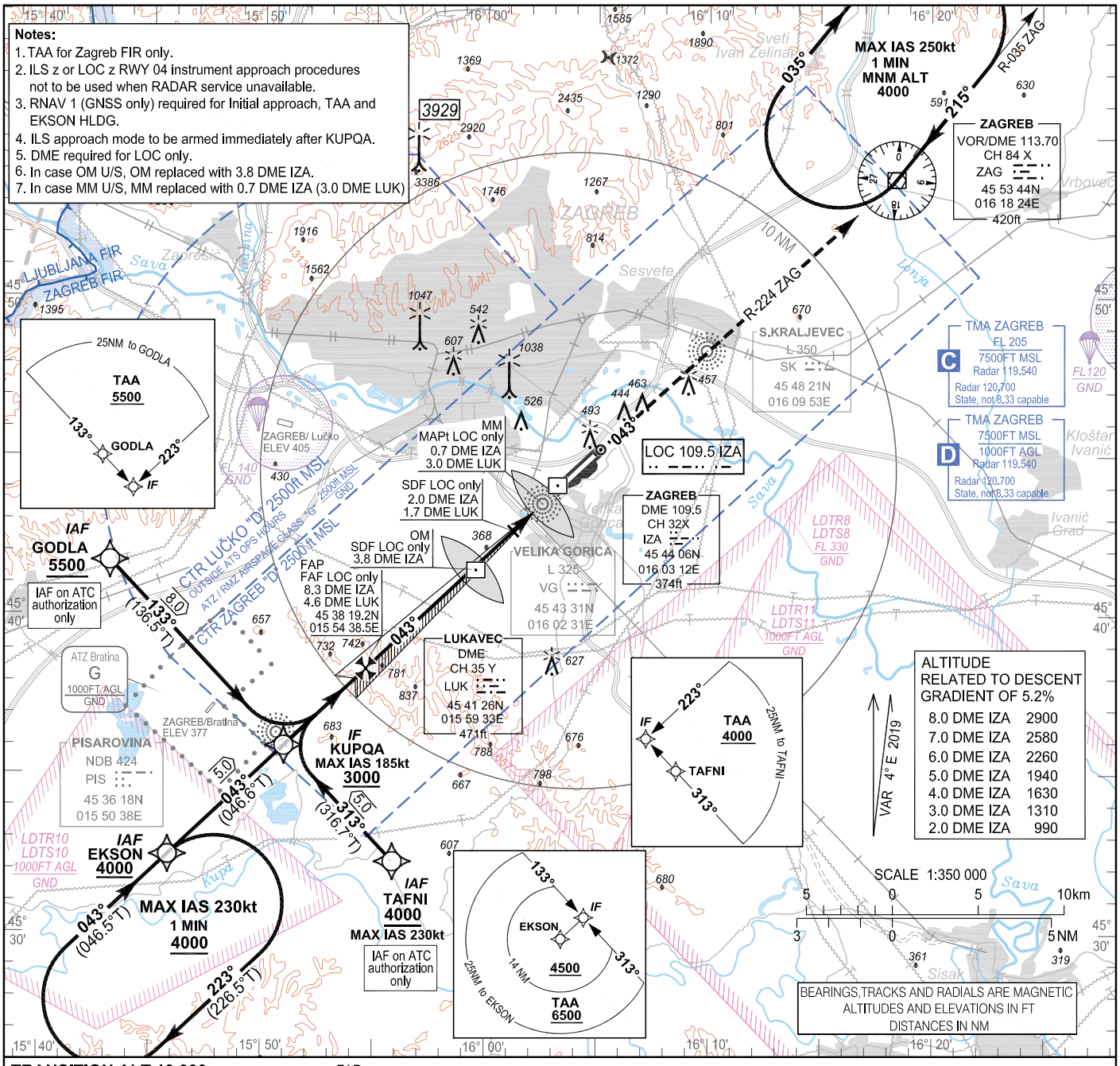
CHANGE: Zagreb Radar frequency.

INSTRUMENT APPROACH
CHART-ICAO

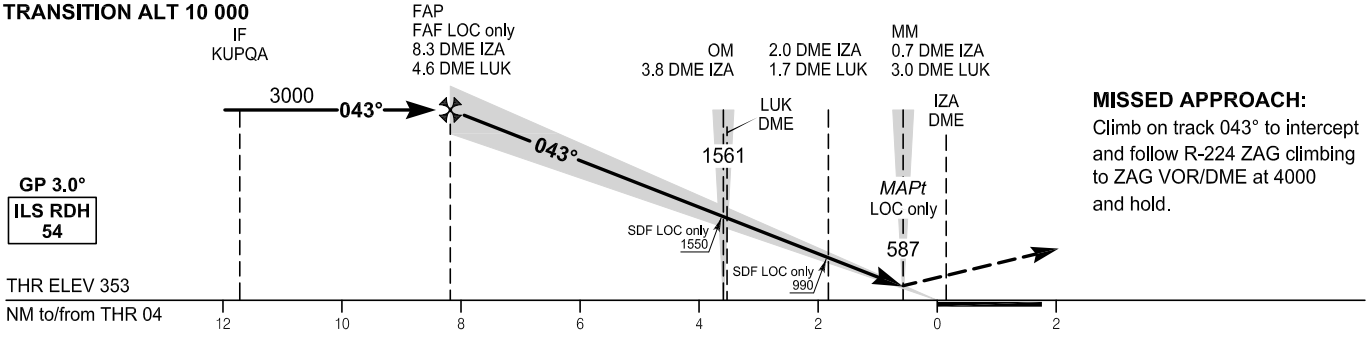
AD ELEV 353
HEIGHTS RELATED
TO THR 04 ELEV 353

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA
ILS z or LOC z RWY 04 CAT I/II/III
(RNAV 1 to ILS or LOC transition)



TRANSITION ALT 10 000



MISSED APPROACH:
Climb on track 043° to intercept and follow R-224 ZAG climbing to ZAG VOR/DME at 4000 and hold.

OCA(H)		A	B	C	D
Straight-in Approach	ILS CAT I press. altim.	498 (145)	508 (155)	521 (168)	534 (181)
	ILS CAT II radio. altim.	413 (60)	419 (66)	429 (76)	439 (86)
	LOC only	680 (330)			
Circling		790 (440)	850 (500)	950 (600)	1050 (700)

GS (kt)	70	90	100	120	140	160	180
Rate of descent (ft / min)	372	478	531	637	743	850	956

Circling for ACFT CAT B, C and D NW of the aerodrome not allowed

CHANGE: Zagreb Radar frequency.

ZAGREB / Franjo Tuđman
CROATIA
ILS z or LOC z RWY 04 CAT I/II/III
(RNAV 1 to ILS or LOC transition)

LDZA ILS z or LOC z RWY 04 (RNAV 1 to ILS or LOC transition)

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	GODLA	-	-	4°E	-	-	+5500	-	-	IAF on ATC autorization only	RNAV 1
020	IF	TF	KUPQA	-	133° (136.5°T)	4°E	8.0	-	+3000	-185	-	-	
010	IAF	IF	EKSON	-	-	4°E	-	-	+4000	-	-	-	RNAV 1
020	IF	TF	KUPQA	-	043° (046.6°T)	4°E	5.0	-	+3000	-185	-	-	
010	IAF	IF	TAFNI	-	-	4°E	-	-	+4000	-230	-	IAF on ATC autorization only	RNAV 1
020	IF	TF	KUPQA	-	313° (316.7°T)	4°E	5.0	-	+3000	-185	-	-	

AERONAUTICAL DATABASE REQUIREMENTS

Conventional procedure essential fixes/points

ILS z or LOC z RWY 04

LOC only - final approach descent angle: 3.00°

Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IF (KUPQA)	45 35 53.8N 015 50 58.8E	-	-
FAF LOC only	45 38 19.2N 015 54 38.5E	046.78° (IZA LOC)	8.33 DME IZA 4.64 DME LUK
SDF LOC only (OM 04)	45 41 26.29N 015 59 24.06E	046.78° (IZA LOC)	3.77 DME IZA
SDF LOC only	45 42 39.7N 016 01 13.1E	046.78° (IZA LOC)	2.00 DME IZA 1.70 DME LUK
MAPt LOC only (MM 04)	45 43 31.45N 016 02 31.71E	046.78° (IZA LOC)	0.74 DME IZA 2.96 DME LUK

RNAV HOLDING tabular description

Waypoint name	Path descriptor	Inbound course °M (°T)	Leg time/ distance (NM)	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
EKSON	HM	043° (046.5°T)	1 MIN / -	R	4000	-	230	4°E	-	RNAV 1

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
GODLA	454142.4N	0154308.3E
EKSON	453227.7N	0154548.4E
TAFNI	453215.6N	0155551.9E
KUPQA	453553.8N	0155058.8E

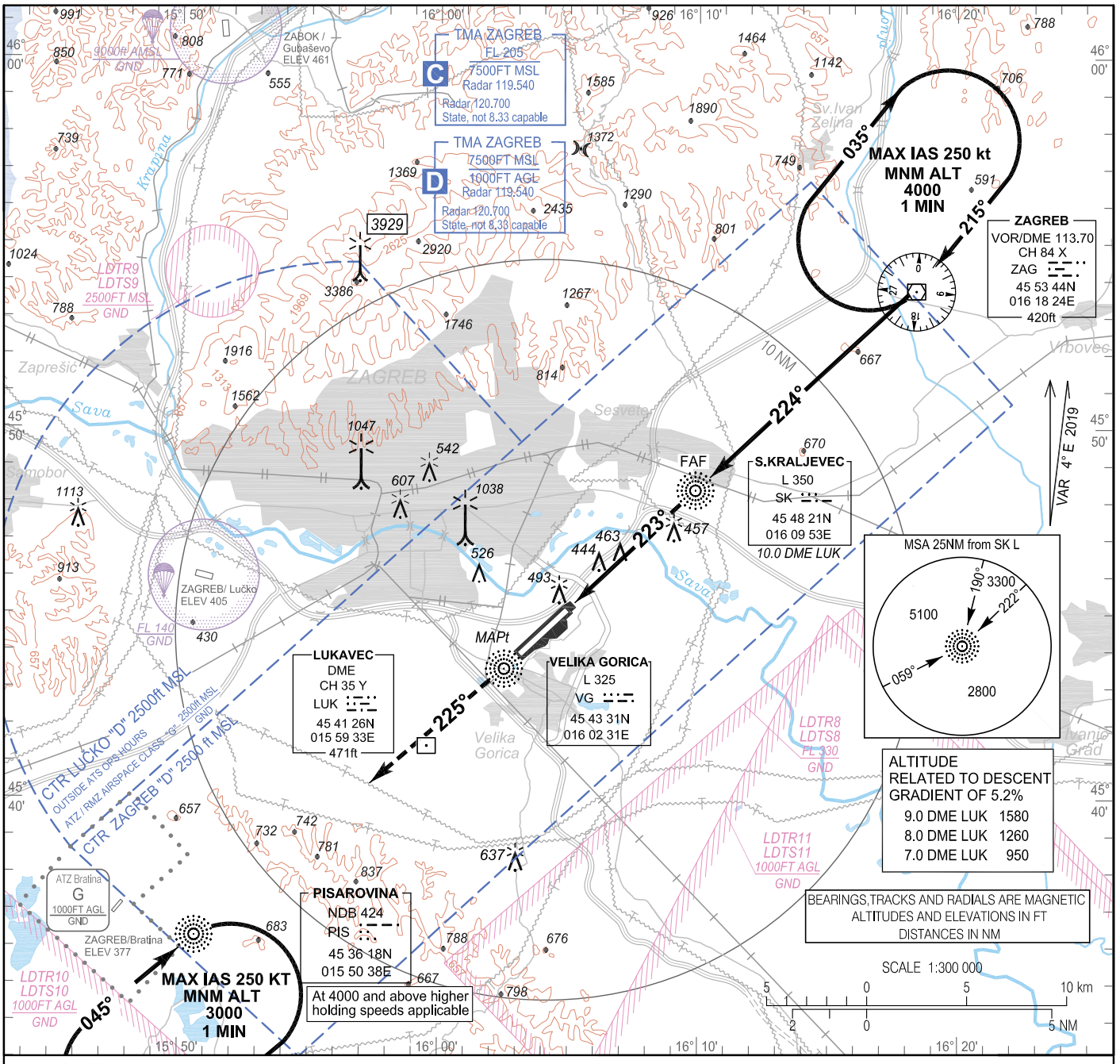
CHANGE: Zagreb Radar frequency.

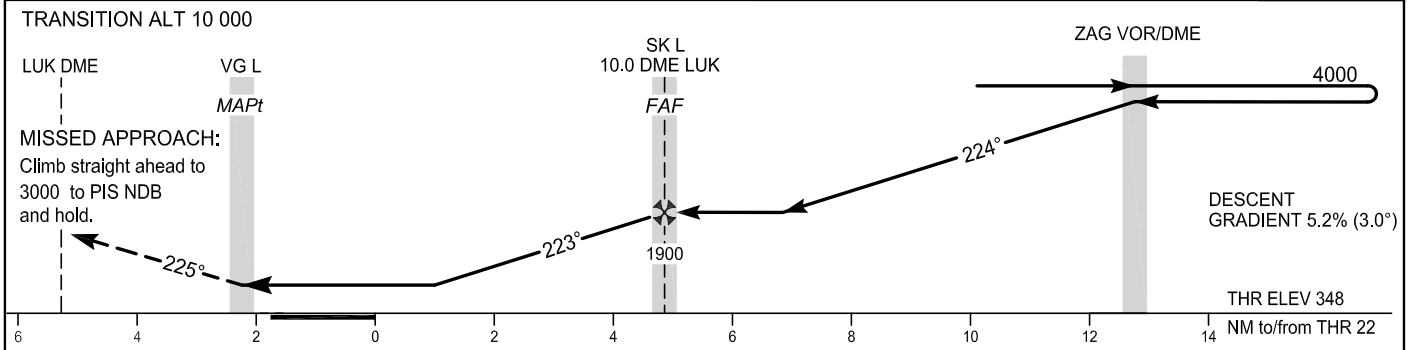
INSTRUMENT APPROACH CHART-ICAO

AD ELEV 353
HEIGHTS RELATED TO AD ELEV 353

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA
L RWY 22





OCA(H)	A	B	C	D
Straight-in Approach	750 (397)			
Circling	860(507)	890(537)	990(637)	1090(737)

FAF to MAPt - 7.06 NM
TIMING NOT AUTHORIZED FOR DEFINING THE MAPt

GS (kt)	70	90	100	120	140	160
min : sec	6:03	4:42	4:14	3:32	3:02	2:39
Rate of descent (ft / min)	369	474	527	632	737	843

Note: Circling for ACFT CAT B, C and D NW of aerodrome NA

CHANGE: Zagreb Radar frequency.

ZAGREB / Franjo Tuđman
CROATIA
L RWY 22

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
LDZA L RWY 22			
Final approach descent angle:		2.99°	
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF / IF (ZAG VOR/DME)	45 53 44.01N 016 18 24.11E	-	-
FAF (SK L)	45 48 20.96N 016 09 52.78E	226.88° (VG L)	10.01 DME LUK
MAPt (VG L)	45 43 31.30N 016 02 31.44E	-	-

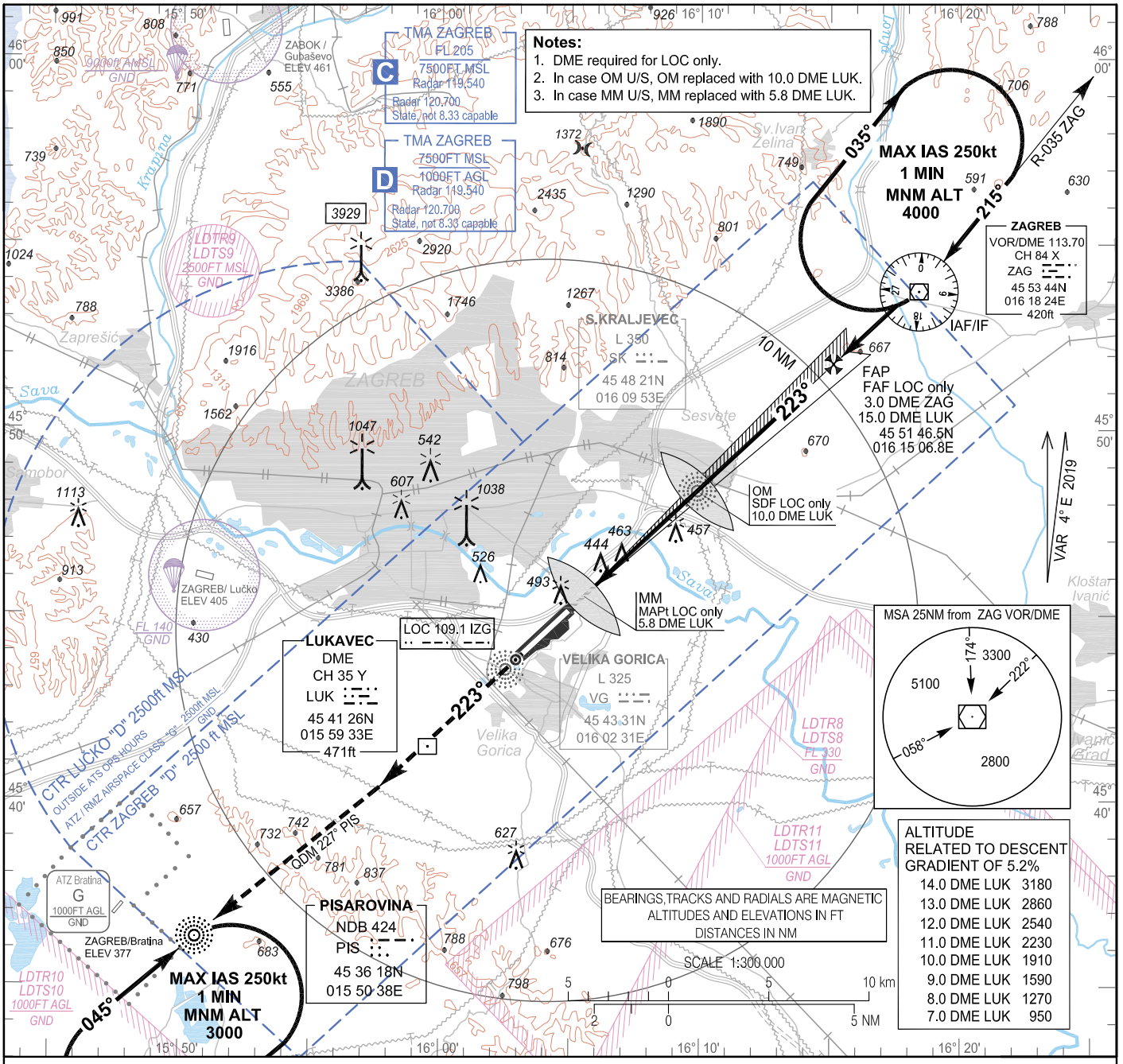
CHANGE: Zagreb Radar frequency.

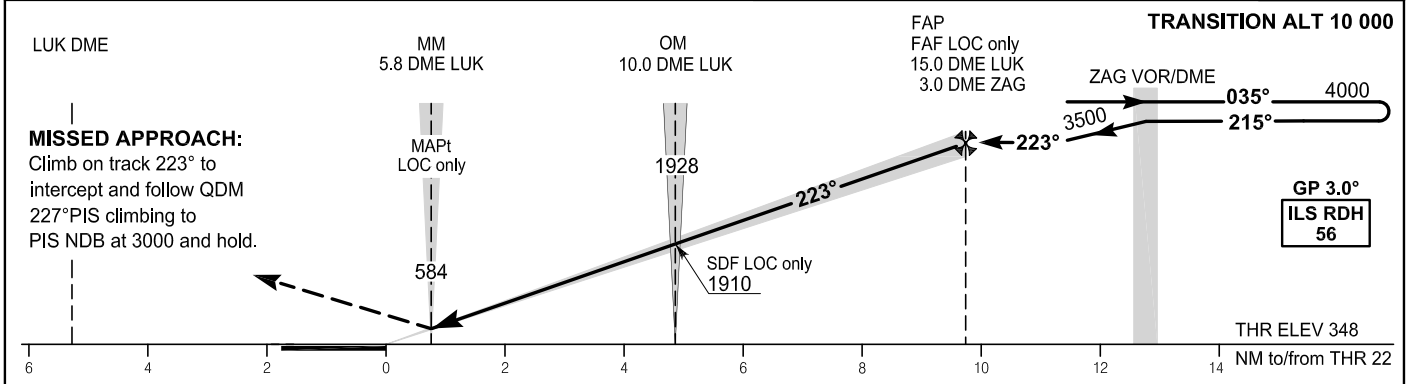
INSTRUMENT APPROACH CHART-ICAO

AD ELEV 353
HEIGHTS RELATED TO THR 22 ELEV 348

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA
ILS y or LOC y RWY 22





OCA(H)		A	B	C	D
Straight-in Approach	ILS CAT I press. altim.	496 (148)	506 (158)	516 (168)	529 (181)
	LOC only	730(380)			
Circling		790 (440)	850 (500)	950 (600)	1050 (700)

GS (kt)	70	90	100	120	140	160	180
Rate of descent (ft / min)	372	478	531	637	743	850	956

Circling for ACFT CAT B, C and D NW of the aerodrome not allowed

CHANGE: Zagreb Radar frequency.

ZAGREB / Franjo Tuđman
CROATIA
ILS y or LOC y RWY 22

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
ILS y or LOC y RWY 22			
LOC only - final approach descent angle: 3.00°			
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF/IF (ZAG VOR/DME)	45 53 44.01N 016 18 24.11E	-	-
FAF LOC only	45 51 46.5N 016 15 06.8E	226.81° (IZG LOC)	15.02 DME LUK 3.02 DME ZAG
SDF LOC only (OM 22)	45 48 20.56N 016 09 52.34E	226.81° (IZG LOC)	10.00 DME LUK
MAPt LOC only (MM 22)	45 45 29.91N 016 05 31.84E	226.81° (IZG LOC)	5.84 DME LUK

CHANGE: Zagreb Radar frequency.

INSTRUMENT APPROACH
CHART-ICAO

AD ELEV 353
HEIGHTS RELATED
TO THR 22 ELEV 348

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA
ILS z or LOC z RWY 22
(RNAV 1 to ILS or LOC transition)

Notes:
1. TAA for Zagreb FIR only.
2. ILS z or LOC z RWY 22 instrument approach procedures not to be used when RADAR service unavailable.
3. RNAV 1 (GNSS only) required for Initial approach, TAA and RERNA HLDG.
4. ILS approach mode to be armed immediately after UGGIR.
5. DME required for LOC only.
6. In case OM U/S, OM replaced with 10.0 DME LUK.
7. In case MM U/S, MM replaced with 5.8 DME LUK.

TAA 5500 ODOKA 133° 043° IF 25NM to ODOKA

TMA ZAGREB FL 205 7500FT MSL Radar 119.540
TMA ZAGREB 7500FT MSL 1000FT AGL Radar 119.540
Radar 120.700 State, not 8.33 capable

IAF ODOKA 5500 MAX IAS 230kt
IAF on ATC authorization only
133° (136.6°T) 5.3
IF UGGIR MAX IAS 185kt 3500
223° (227.0°T) 15.0
MAX IAS 250kt 4000 1 MIN
043° (047.1°T) 223° (221.1°T)
IAF RERNA 4000
ZAGREB VOR/DME 113.70 CH 84 X ZAG 45 53 44N 016 18 24E 420ft
313° (317.3°T) 7.0
IAF TINBO 4000
IAF on ATC authorization only
FAP FAF LOC only 15.0 DME LUK 3.0 DME ZAG 45 51 46.5N 016 15 06.8E
223°
10 NM
OM SDF LOC only 10.0 DME LUK
MM MAPt LOC only 5.8 DME LUK
LOC 109.1 IZG
LUKAVEC DME CH 35 Y LUK 45 41 26N 015 59 33E 471ft
VELIKA GORICA L 325 VG 45 43 31N 016 02 31E
S.KRALJEVEC L 350 SK 45 48 21N 016 09 53E
ZAGREB/ Lučko ELEV 405
ZAGREB/Bratina ELEV 377
ZVEKOVAC/ Zvekovac ELEV 374

IF TINBO 043° 313° TAA 4000 25NM to TINBO

TAA 5500 133° 313° 25NM to RERNA 10NM 4000 IF RERNA

CTR ZAGREB "D" 2500ft MSL
CTR LUČKO "D" 2500ft MSL
OUTSIDE ATS/OPS HOURS ATZ / RMZ AIRSPACE CLASS "G" 2500ft MSL GND
ATZ Bratina G 1000FT AGL GND
QDM 227° PIS
PISAROVINA NDB 424 PIS 45 36 18N 015 50 38E
MAX IAS 250kt MNM ALT 3000 1 MIN
045° 225°

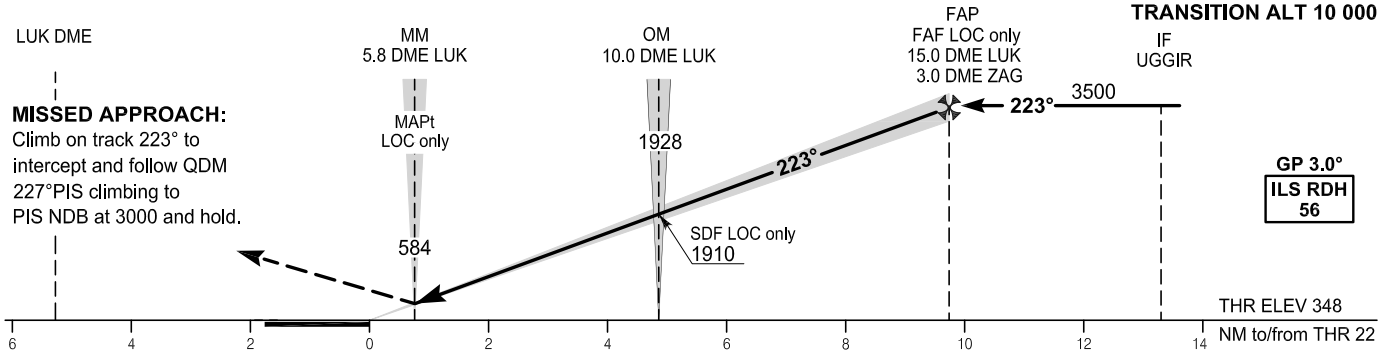
LDTR9 LDTS9 2500FT MSL GND
LDTR8 LDTS8 FL 330 GND
LDTR11 LDTS11 1000FT AGL GND
LDTR10 LDTS10 1000FT AGL GND
FL 120 GND
FL 140 GND

ALTITUDE RELATED TO DESCENT GRADIENT OF 5.2%

14.0 DME LUK	3180
13.0 DME LUK	2860
12.0 DME LUK	2540
11.0 DME LUK	2230
10.0 DME LUK	1910
9.0 DME LUK	1590
8.0 DME LUK	1270
7.0 DME LUK	950

BEARINGS, TRACKS AND RADIALS ARE MAGNETIC
ALTITUDES AND ELEVATIONS IN FT
DISTANCES IN NM
SCALE 1:350 000
5 0 5 10km
3 0 5NM
VAR 4° E 2019

TRANSITION ALT 10 000



OCA(H)		A	B	C	D
Straight-in Approach	ILS CAT I press. altim.	496 (148)	506 (158)	516 (168)	529 (181)
	LOC only	730(380)			
Circling		790 (440)	850 (500)	950 (600)	1050 (700)

Circling for ACFT CAT B, C and D NW of the aerodrome not allowed

GS (kt)	70	90	100	120	140	160	180
Rate of descent (ft / min)	372	478	531	637	743	850	956

CHANGE: Zagreb Radar frequency.

ZAGREB / Franjo Tuđman
CROATIA
ILS z or LOC z RWY 22
(RNAV 1 to ILS or LOC transition)

LDZA ILS z or LOC z RWY 22 (RNAV 1 to ILS or LOC transition)

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	ODOKA	-	-	4°E	-	-	+5500	-230	-	IAF on ATC autorization only	RNAV 1
020	IF	TF	UGGIR	-	133° (136.6°T)	4°E	5.3	-	+3500	-185	-	-	
010	IAF	IF	RERNA	-	-	4°E	-	-	+4000	-	-	-	RNAV 1
020	IF	TF	UGGIR	-	223° (227.0°T)	4°E	5.0	-	+3500	-185	-	-	
010	IAF	IF	TINBO	-	-	4°E	-	-	+4000	-	-	IAF on ATC autorization only	RNAV 1
020	IF	TF	UGGIR	-	313° (317.3°T)	4°E	7.0	-	+3500	-185	-	-	

AERONAUTICAL DATABASE REQUIREMENTS

Conventional procedure essential fixes/points

ILS z or LOC z RWY 22

LOC only - final approach descent angle: 3.00°

Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IF (UGGIR)	45 54 12.2N 016 18 50.0E	-	-
FAF LOC only	45 51 46.5N 016 15 06.8E	226.81° (IZG LOC)	15.02 DME LUK 3.02 DME ZAG
SDF LOC only (OM 22)	45 48 20.56N 016 09 52.34E	226.81° (IZG LOC)	10.00 DME LUK
MAPt LOC only (MM 22)	45 45 29.91N 016 05 31.84E	226.81° (IZG LOC)	5.84 DME LUK

RNAV HOLDING tabular description

Waypoint name	Path descriptor	Inbound course °M (°T)	Leg time/ distance (NM)	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
RERNA	HM	223° (227.1°T)	1 MIN / -	R	4000	-	250	4°E	-	RNAV 1

Waypoint coordinates

Waypoint name	WGS-84 latitude	WGS-84 longitude
ODOKA	455801.1N	0161340.1E
RERNA	455735.6N	0162402.7E
TINBO	454903.8N	0162538.1E
UGGIR	455412.2N	0161850.0E

CHANGE: Zagreb Radar frequency.

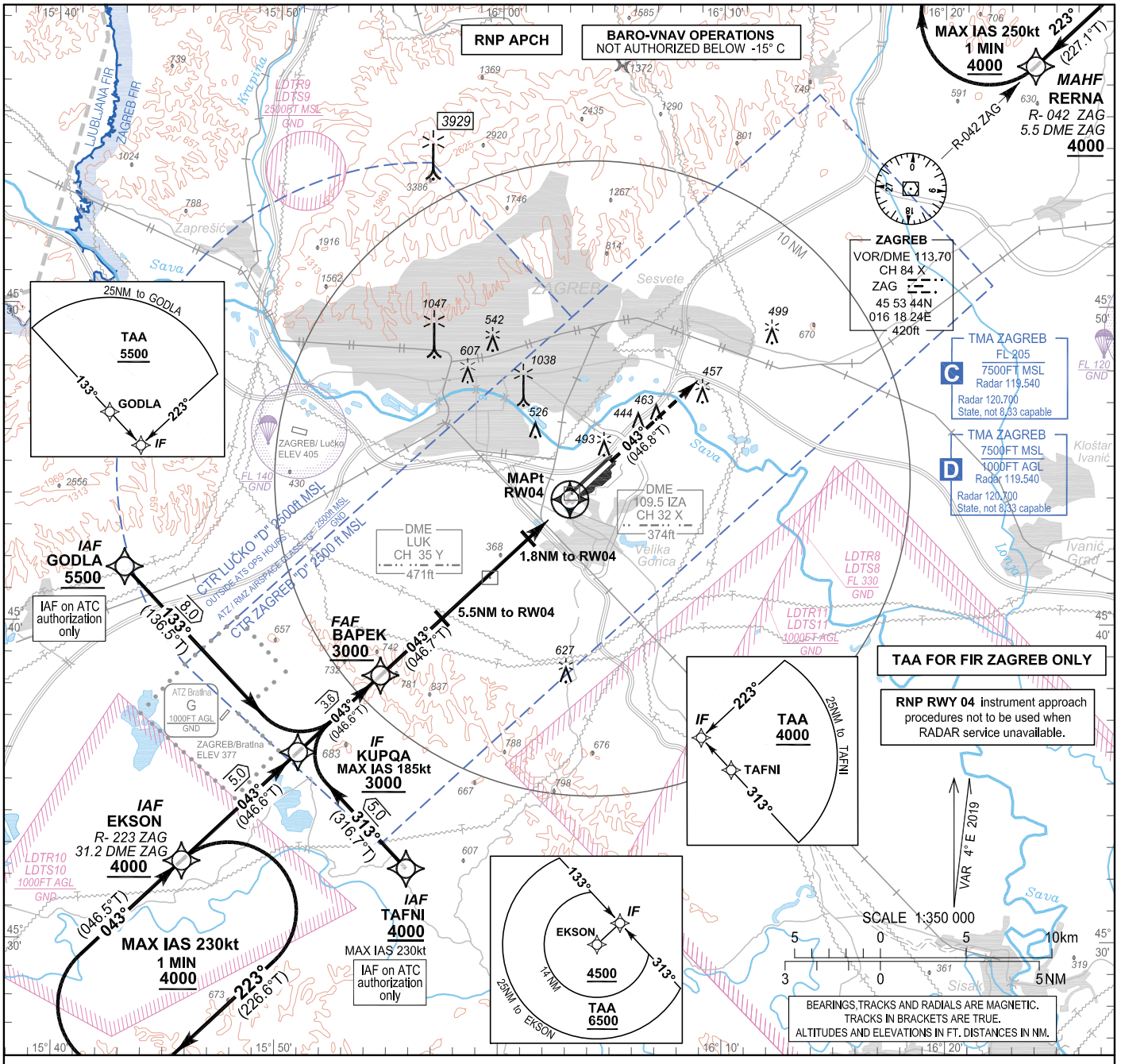
INSTRUMENT APPROACH CHART-ICAO

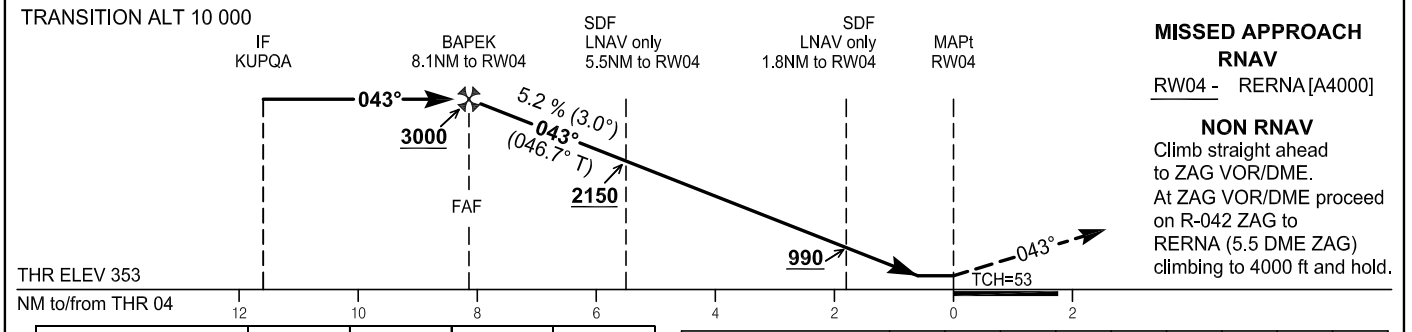
AD ELEV 353
HEIGHTS RELATED TO THR 04 ELEV 353

SBAS
CH:95327
E04A

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA
RNP RWY 04





MISSED APPROACH
RNAV
RW04 - RERNA [A4000]

NON RNAV
Climb straight ahead to ZAG VOR/DME.
At ZAG VOR/DME proceed on R-042 ZAG to RERNA (5.5 DME ZAG) climbing to 4000 ft and hold.

OCA(H)		A	B	C	D
Straight-in approach	LNAV	710 (357)			
	LNAV/VNAV	610 (257)			620 (267)
	LPV	610 (257)			620 (267)
CIRCLING		860 (507)	890 (537)	990 (637)	1090 (737)

Note: Circling for ACFT CAT B, C and D NW of aerodrome not allowed

DIST THR / RW04	NM	8	7	6	5	4	3	2	1
Altitude	ft	2950	2640	2320	2000	1680	1360	1040	730

Timing not authorized for defining the MAPt							
GS	kt	80	100	120	140	160	180
BAPEK -RW04 (8.1NM)	min:sec	6:05	4:52	4:03	3:28	3:02	2:42
Rate of descent (5.2%)	ft/min	425	531	637	743	849	955

CHANGE: Zagreb Radar frequency.

Coding elements for FAS Data Block

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LDZA
Runway	04
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E04A
LTP/FTP Latitude	454354.7490N
LTP/FTP Longitude	0160307.0885E
LTP/FTP Ellipsoidal Height (metres)	152.6
FPAP Latitude	454507.2300N
Delta FPAP Latitude (seconds)	72.4810
FPAP Longitude	0160457.3140E
Delta FPAP Longitude (seconds)	110.2255
Threshold Crossing Height	53.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	16
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 01 1A 04 0C 04 00 00 01 34 30 05 FA 40 A0 13 A1 85 E3 06 F6 19 42 36 02 23 5D 03 12 02 2C 01 64 02 C8 FA 44 FF A0 EB
Calculated CRC Value	44FFA0EB

Required Additional Data

ICAO Code	LD
LTP/FTP Orthometric Height (metres)	107.5

CHANGE: Zagreb Radar frequency.

LDZA RNP RWY04

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	GODLA	-	-	4°E	-	-	+5500	-	-	IAF on ATC autorization only	RNP APCH
020	IF	TF	KUPQA	-	133° (136.5°T)	4°E	8.0	-	+3000	-185	-	-	
010	IAF	IF	EKSON	-	-	4°E	-	-	+4000	-	-		RNP APCH
020	IF	TF	KUPQA	-	043° (046.6°T)	4°E	5.0	-	+3000	-185	-		
010	IAF	IF	TAFNI	-	-	4°E	-	-	+4000	-230	-	IAF on ATC autorization only	RNP APCH
020	IF	TF	KUPQA	-	313° (316.7°T)	4°E	5.0	-	+3000	-185	-	-	

Proposed tabular description for navigation database coding - FINAL TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IF	IF	KUPQA	-	-	4°E	-	-	+3000	-185	-	-	RNP APCH
020	FAF	TF	BAPEK	-	043° (046.6°T)	4°E	3.6	-	+3000	-	-	-	
030	MAPt	TF	RW04	Y	043° (046.7°T)	4°E	8.1	-	-	-	3.0 / 53.0	-	
040	MAHF	TF	RERNA	-	043° (046.8°T)	4°E	20.0	-	4000	-	-	-	
050	MAHF	HM	RERNA	-	223° (227.1°T)	4°E	1 MIN	R	4000	-250	-	Holding above 4000ft on ATC clearance only	RNAV 1

RNAV HOLDING tabular description

Waypoint name	Path Term-inator	Inbound course °M (°T)	Leg time/ distance NM	Turn direction	Minimum altitude FT	Maximum altitude FT	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
EKSON	HM	043° (046.5°T)	1MIN / -	R	4000	-	230	4°E	-	RNAV 1
RERNA	HM	223° (227.1°T)	1MIN / -	R	4000	-	250	4°E	-	

Waypoint coordinates		
Waypoint name	WGS-84 Latitude	WGS-84 Longitude
GODLA	454142.4N	0154308.3E
EKSON	453227.7N	0154548.4E
TAFNI	453215.6N	0155551.9E
KUPQA	453553.8N	0155058.8E
BAPEK	453820.0N	0155439.7E
RW04	454354.75N	0160307.09E
RERNA	455735.6N	0162402.7E

CHANGE: Zagreb Radar frequency.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

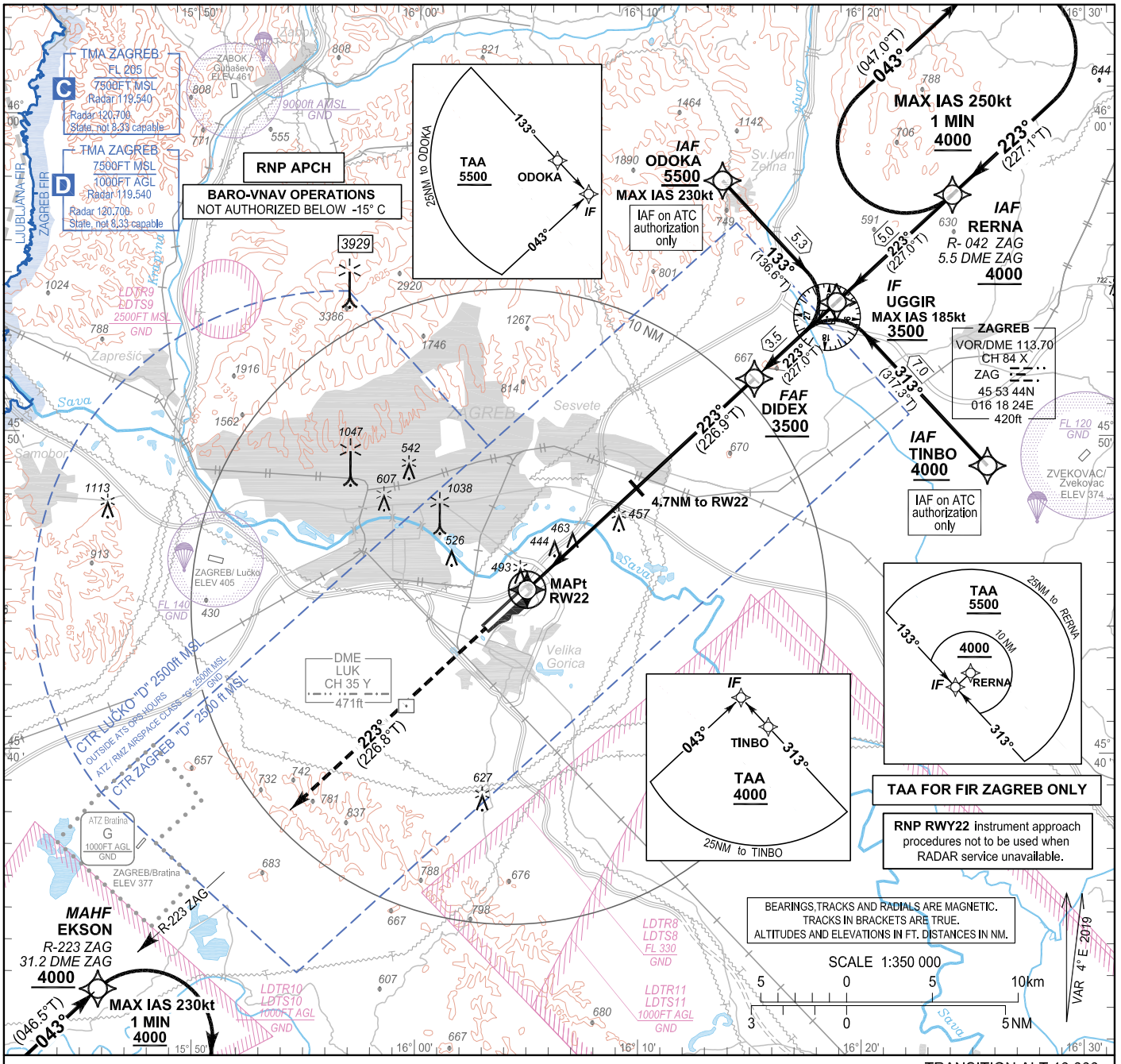
INSTRUMENT APPROACH CHART-ICAO

AD ELEV 353
HEIGHTS RELATED TO THR 22 ELEV 348

SBAS
CH: 90041
E22A

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA
RNP RWY 22



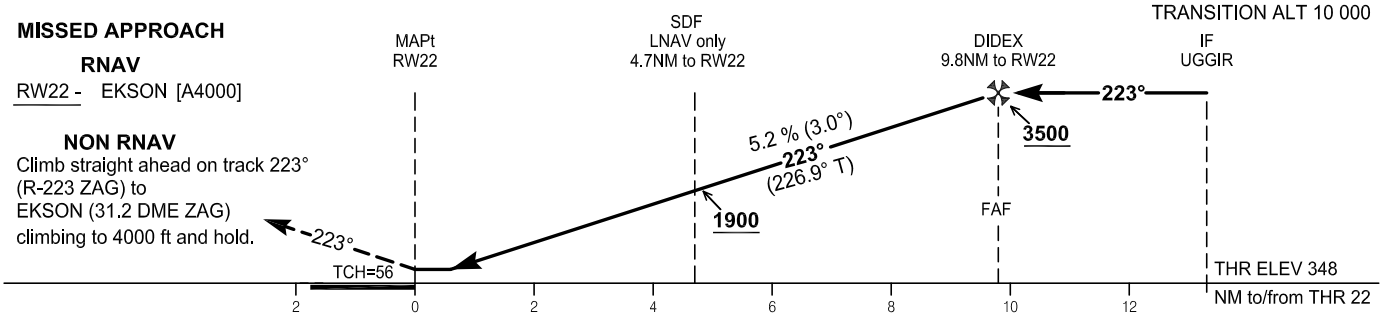
MISSED APPROACH

RNAV

RW22 - EKSON [A4000]

NON RNAV

Climb straight ahead on track 223° (R-223 ZAG) to EKSON (31.2 DME ZAG) climbing to 4000 ft and hold.



TRANSITION ALT 10 000

OCA(H)		A	B	C	D
Straight-in approach	LNAV	740 (392)			
	LNAV/VNAV	630 (282)	640 (292)	650 (302)	660 (312)
	LPV	630 (282)	640 (292)	650 (302)	660 (312)
CIRCLING		860 (507)	890 (537)	990 (637)	1090 (737)

Note: Circling for ACFT CAT B, C and D NW of aerodrome not allowed

DIST THR / RW22	NM	9	8	7	6	5	4	3	2	1
Altitude	ft	3270	2950	2630	2310	1990	1680	1360	1040	720

Timing not authorized for defining the MAPt							
GS	kt	80	100	120	140	160	180
DIDEX -RW22 (9.8NM)	min:sec	7:21	5:53	4:54	4:12	3:41	3:16
Rate of descent (5.2%)	ft/min	425	531	637	743	849	955

CHANGE: Zagreb Radar frequency.

ZAGREB / Franjo Tuđman
CROATIA
RNP RWY 22

Coding elements for FAS Data Block

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LDZA
Runway	22
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E22A
LTP/FTP Latitude	454506.8620N
LTP/FTP Longitude	0160456.7540E
LTP/FTP Ellipsoidal Height (metres)	151.3
FPAP Latitude	454353.6385N
Delta FPAP Latitude (seconds)	-73.2235
FPAP Longitude	0160305.4000E
Delta FPAP Longitude (seconds)	-111.3540
Threshold Crossing Height	56.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	48
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 01 1A 04 0C 16 00 00 01 32 32 05 5C 74 A2 13 64 DE E6 06 E9 19 F1 C3 FD 0C 9A FC 30 02 2C 01 64 06 C8 FA 5C 95 B3 2D
Calculated CRC Value	5C95B32D

Required Additional Data

ICAO Code	LD
LTP/FTP Orthometric Height (metres)	106.2

CHANGE: Zagreb Radar frequency.

LDZA RNP RWY22

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	ODOKA	-	-	4°E	-	-	+5500	-230	-	IAF on ATC autorization only	RNP APCH
020	IF	TF	UGGIR	-	133° (136.6°T)	4°E	5.3	-	+3500	-185	-	-	
010	IAF	IF	RERNA	-	-	4°E	-	-	+4000	-	-	-	RNP APCH
020	IF	TF	UGGIR	-	223° (227.0°T)	4°E	5.0	-	+3500	-185	-	-	
010	IAF	IF	TINBO	-	-	4°E	-	-	+4000	-	-	IAF on ATC autorization only	RNP APCH
020	IF	TF	UGGIR	-	313° (317.3°T)	4°E	5.0	-	+3500	-185	-	-	

Proposed tabular description for navigation database coding - FINAL TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IF	IF	UGGIR	-	-	4°E	-	-	+3500	-185	-	-	RNP APCH
020	FAF	TF	DIDEX	-	223° (227.0°T)	4°E	3.5	-	+3500	-	-	-	
030	MAPt	TF	RW22	Y	223° (226.9°T)	4°E	9.8	-	-	-	3.0 / 56.0	-	
040	MAHF	TF	EKSON	-	223° (226.8°T)	4°E	18.5	-	4000	-	-	-	
050	MAHF	HM	EKSON	-	043° (046.5°T)	4°E	1 MIN	R	4000	-230	-	Holding above 4000ft on ATC clearance only	RNAV 1

RNAV HOLDING tabular description

Waypoint name	Path Term-inator	Inbound course °M (°T)	Leg time/ distance NM	Turn direction	Minimum altitude FT	Maximum altitude FT	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
EKSON	HM	043° (046.5°T)	1MIN / -	R	4000	-	230	4°E	-	RNAV 1
RERNA		223° (227.1°T)	1MIN / -	R	4000	-	250	4°E	-	

Waypoint coordinates

Waypoint name	WGS-84 Latitude	WGS-84 Longitude
ODOKA	455801.1N	0161340.1E
RERNA	455735.6N	0162402.7E
TINBO	454903.8N	0162538.1E
UGGIR	455412.2N	0161850.0E
DIDEX	455147.3N	0161508.0E
RW22	454506.86N	0160456.75E
EKSON	453227.7N	0154548.4E

CHANGE: Zagreb Radar frequency.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

VISUAL OPERATION CHART

AD ELEV 353ft

ARP
45°44'35"N
016°04'08"E

ZAGREB ATIS	124.575
ZAGREB RADAR	119.540
ZAGREB RADAR	120.700 State, not 8.33 capable
ZAGREB TOWER	118.300

ZAGREB / Franjo Tuđman
CROATIA

Reporting Point	Coordinates		Definition
E2	45 42 23N	016 23 37E	Town Ivanić - Grad
K4	45 54 22N	016 07 32E	Village Kašina
K5	45 50 04N	016 03 29E	Kaufland G. Dubrava
L6	45 35 03N	016 12 40E	Village Lekenik
N1	46 02 57N	016 05 04E	Town Zlatar Bistrica
N2	45 51 22N	015 48 22E	Town Zaprešić
N3	45 45 21N	016 00 45E	Marshaling yard
S1	45 29 07N	015 59 31E	Village Pokupsko
S2	45 42 30N	016 06 34E	Lake Čiče
W1	45 40 19N	015 39 04E	Town Jastrebarsko

SCALE 1:250 000

km 0 5 10

NM 0 5

Two-way radio communication required.
Contact Tower normally at reporting points or any other point but not later than 5min prior to entering CTR.

Meteorological conditions:
VFR: VMC conditions within airspace of CONTROL ZONE CLASS D
- flight visibility: 5 km
- ground visibility: 5 km
- minimum ceiling: 1500 ft

ATTENTION:
For latest information consult relevant publications, and NOTAMs!
Prominent transmission lines data not complete!
No guarantee for the completeness and accuracy of obstacles!

LEGEND

Holding fix with WGS-84 coordinates — N2

Significant VFR point — K4

Recommended VFR route — PANON1

Mandatory (arrival - departure) VFR route

ELEVATION TINTS

(m)	ft
(1200)	3937
(800)	2625
(400)	1313
(0)	0

VAR 4° E 2019

Change: Zagreb Radar frequency.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

AD 2 AERODROMES

LDZD AD 2

LDZD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LDZD - AIRPORT ZADAR / Zemunik

LDZD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and its site	440629.77N 0152048.11E 136° / 1250 M from THR 13
2	Direction and distance from (city)	078°, 8 KM from railway station in Zadar
3	Elevation/Reference temperature	289 FT / 31°C (JUL)
4	Geoid undulation at AD ELEV PSN	140 FT
5	MAG VAR (date of information)/Annual change	4°E (2019) / 0.13° increasing
6	AD Operator, address, telephone, telefax, AFS, SITA, e-mail, web site	Post: Zracna luka Zadar d.o.o. Zadar Airport Ltd. P.O. Box 367 23000 Zadar Post: Headquarters address Zracna luka Zadar d.o.o. Zadar Airport Ltd. Zemunik Donji, Ulica I br. 2/A 23222 Zemunik Phone: (+385 23) 205832 (Airport operations) Phone: (+385 23) 205869 (Airport administration) Fax: (+385 23) 205831 (Airport operations) Fax: (+385 23) 205801 (Airport administration) SITA: ZADAPXH AFS: LDZDYDYX Email: groundops@zadar-airport.hr web site: http://www.zadar-airport.hr/
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

LDZD AD 2.3 OPERATIONAL HOURS

1	AD Operator	Upon NOTAM during winter season. 0400-2000 during summer season.
2	Customs and immigration	AS AD HR SER
3	Health and sanitation	AS AD HR SER
4	AIS Briefing Office	H24 - Selfbriefing
5	ATS Reporting Office (ARO)	H24 - Central ARO Split; Phone: +385 21 205-444, Fax: +385 21 895-227
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	AS AD HR SER
9	Handling	AS AD HR SER
10	Security	AS AD HR SER
11	De-icing	AS AD HR SER
12	Remarks	All flights with a schedule approved outside of AD HR SER in process of facilitation and coordination activities according to Council Regulation (EEC) 95/93 and IATA Calendar of Coordination Activities do not require AD Operator approval. Outside AD HR SER, upon AD Operator approval only, PPR sent via SITA ZADAPXH or via e-mail: groundops@zadar-airport.hr till 1900. For use of military air base see AD 1.1.2.

LDZD AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	2 fork lifts 2 and 3 tonnes 4 self propelled conveyer belts 40 luggage dollies 10 pallet and ULD dollies 1 ULD loader up to 3,5 tonnes
2	Fuel and oil types	A1, AVGAS 100LL Oil - AVBL / Contact AEROSTANDARD, mobile phone: +385 91 6230 334
3	Fuelling facilities and capacity	1 Fuel Truck 15 000 L (A1) 1 Fuel Truck 18 800 L (A1) 1 Fuel Truck 4 000 L (AVGAS 100LL)
4	De-icing facilities	1 de-icing vehicle max height 14 M
5	Hangar space for visiting aircraft	Hangar 33 M x 16.5 M. Contact AEROSTANDARD via mobile phone: +385 91 6230334.
6	Repair facilities for visiting aircraft	Contact AEROSTANDARD via mobile phone: +385 91 6230334.
7	Remarks	Airport Operations AVBL during AD HR SER on FREQ 131.440 MHZ

LDZD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guide lines at Apron, nose-in guidance at aircraft stands, Marshaller, "Follow me" vehicle.
2	RWY and TWY markings and LGT	RWY-04/22 RWY designation, THR markings, TDZ markings, Centre line markings, edges, aiming point markings, RWY 04 turning bay marking*. RWY-13/31 RWY designation, THR markings, TDZ markings, centre line markings, edges, aiming point markings. TWYA Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWYB Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWY C Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWY D Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWY E Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWY F Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWY G Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWY H Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWY K Taxiing guidance signs at all intersections with TWY and RWY and at all holding positions. TWY markings: centre line, holding positions TWY L centre line, holding positions RWY designation, THR markings, TDZ markings, Centre line markings, edges, aiming point markings
3	Stop bars	Nil
4	Remarks	*RWY 04 turning bay closed for civil traffic. TWY A - RWY guard lights TWY G - RWY guard lights TWY K - RWY guard lights

LDZD AD 2.10 AERODROME OBSTACLES

Obstacles in area 2: See LDZD AD 2.24.4 AOC RWY 04/22 -1

In Area 2					
OBST ID/ Designation	**OBST type**	**OBST position**	**ELEV/HGT**	**Markings/ type, colour**	**Remarks**
a	**b**	**c**	**d**	**e**	**f**
LDZD 1	Fence	440440.97N 0152014.95E	97.4/3.9 M	Nil	Nil
LDZD 2	Terrain-Hill	440437.92N 0152010.09E	99.3/0 M	Nil	Nil
LDZD 3	Terrain-Hill	440430.96N 0151958.95E	99.9/0 M	Nil	Nil

Obstacles in area 3: Nil

LDZD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	ZADAR
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	MWO ZAGREB TAF (24HR)
4	Trend Forecast Interval of issuance	TREND 30 MIN
5	Briefing/consultation provided	Selfbriefing (URL:https://ib.crocontrol.hr) or by phone: +385 1 6259224
6	Flight documentation Language(s) used	• Selfbriefing (URL: https://ib.crocontrol.hr) or request by phone.: +385 23 203438 • Croatian, English
7	Charts and other information available for briefing or consultation	• ICE, TURB and CB forecasts • Lightning data • Satelite images • Radar images
8	Supplementary equipment available for providing information	URL:https://met.crocontrol.hr
9	ATS units provided with information	Zadar TWR, Zadar APP
10	Additional information (limitation of service, etc.)	NIL

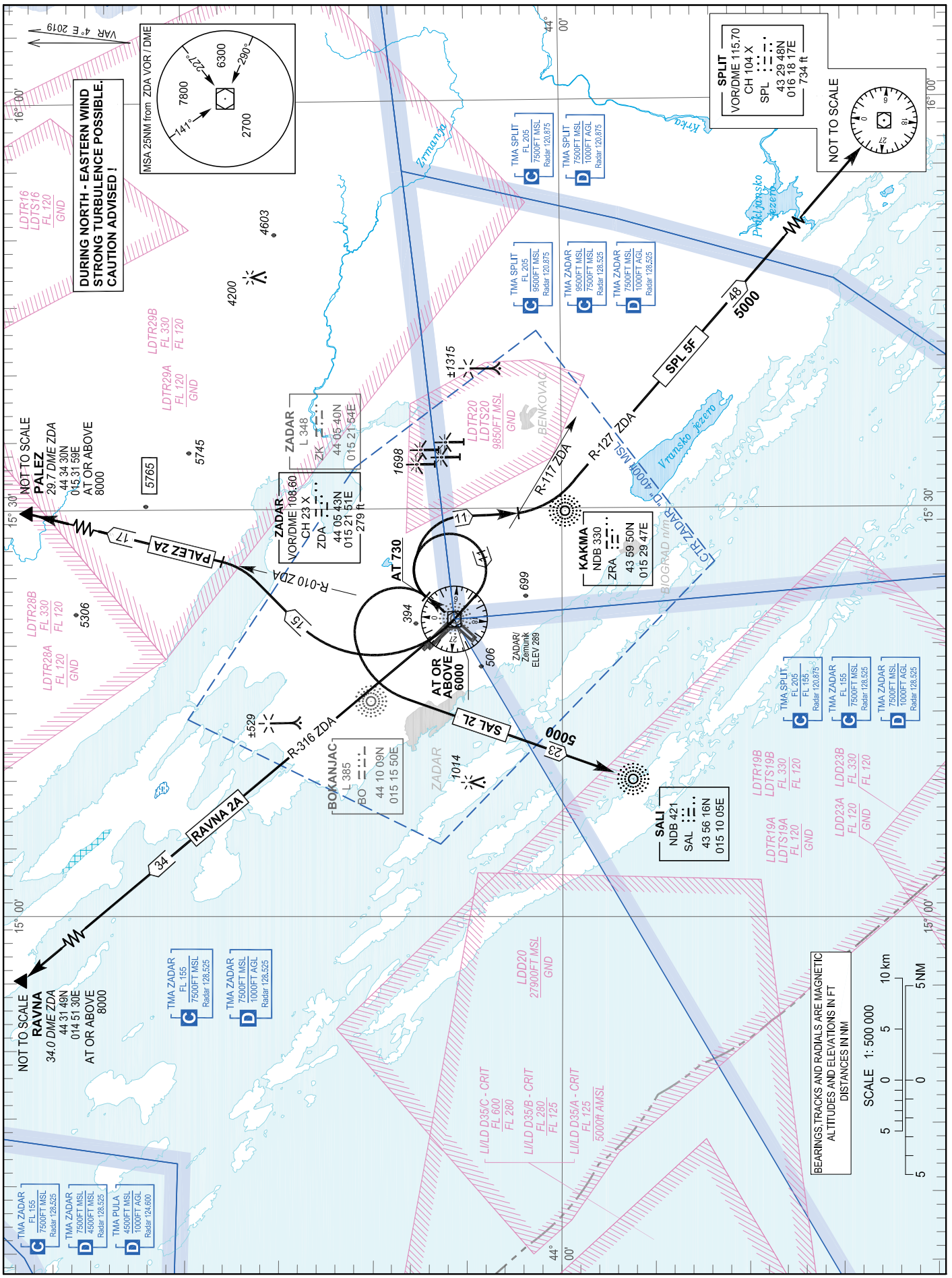
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
10 000

ZADAR TOWER	123.700
ZADAR DELIVERY	132.975
ZADAR RADAR	128.525

ZADAR / Zemunik (LDZD)
RWY 04

RAVNA 2A PALEZ 2A SPL 5F SAL 2L



CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; Obstacles updated; Editorial.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

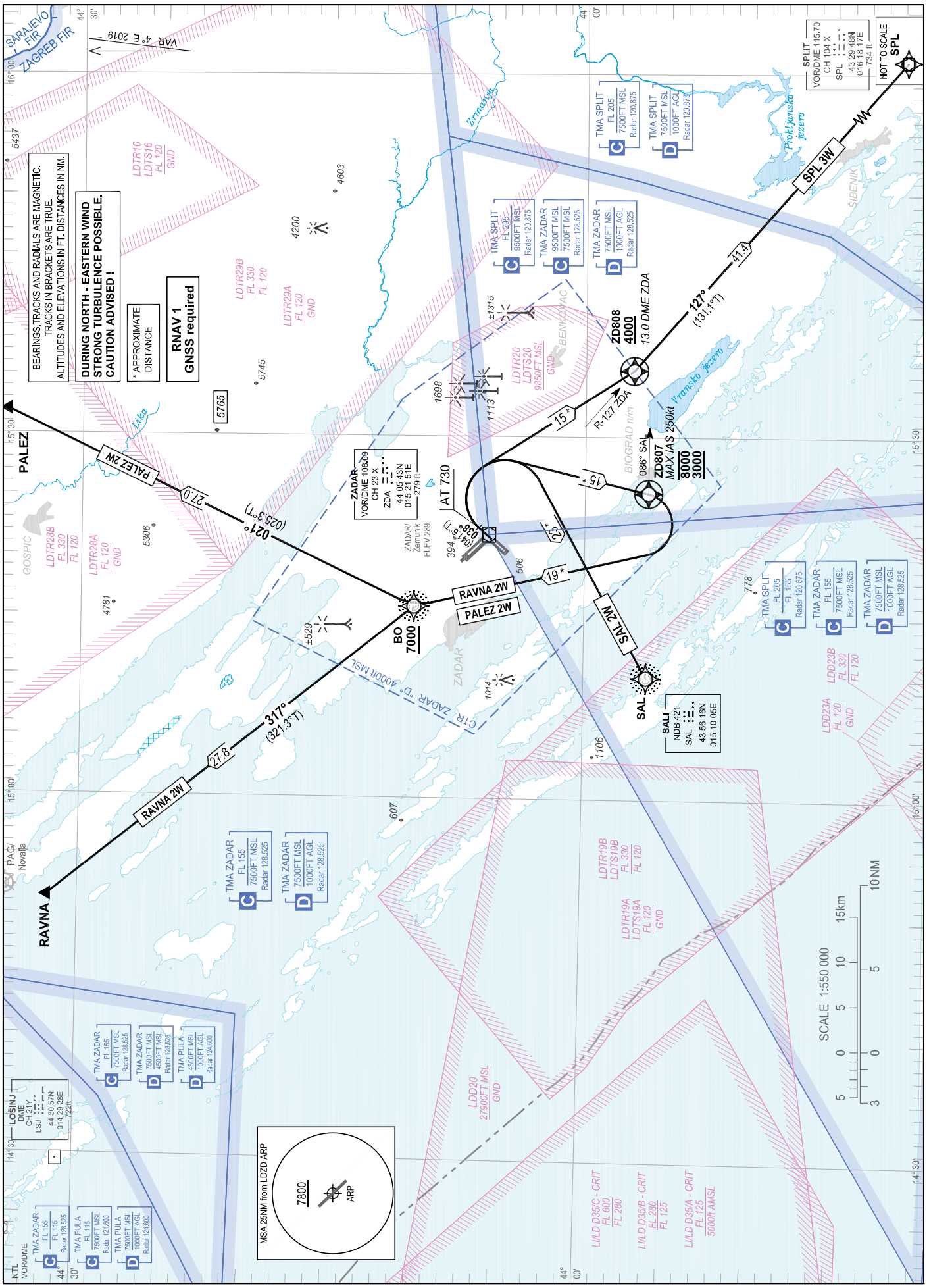
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
10 000

ZADAR TOWER	123.700
ZADAR DELIVERY	132.975
ZADAR RADAR	128.525

ZADAR / Zemunik (LDZD)
RNAV RWY 04

RAVNA 2W PALEZ 2W SAL 2W SPL 3W



ZADAR / Zemunik (LDZD)
RNAV RWY 04

RAVNA 2W PALEZ 2W SAL 2W SPL 3W

GENERAL INFORMATION AND REQUIREMENTS FOR ALL SIDs
- Calculation of the SIDs is based on an all-engines operative minimum net climb gradient of 3.3 per cent (201 FT/NM). Where a greater climb gradient for a specific SID (or part of SID) is necessary, this is indicated in the tabular description of the route.
- After take-off climb initially 8000 FT and contact Zadar Radar on 128.525 MHZ.

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SIDs PALEZ 2W, RAVNA 2W only:
Climb straight ahead. At 730 FT AMSL turn RIGHT climbing on track 190°. Cross QDR 086° SAL at or above 3000 FT AMSL, but at or below 8000 FT AMSL. After crossing QDR 086° SAL, proceed via RNAV SID flight procedure filed in FPL or according to ATC instruction. MAX IAS 250 KT. MNM PDG 3.4% (207 FT/NM) to 2000 FT.

LDZD RNAV STANDARD INSTRUMENT DEPARTURE RWY 04

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	RAVNA 2W	CA	-	-	038° (041.6°T)	4°E	-	-	@730	-	MNM PDG 3.4% (207 FT/NM) to 2000 FT	RNAV 1
020		DF	ZD807	Y	-	4°E	-	R	-8000 +3000	-250		
030		DF	BO	-	-	4°E	-	R	+7000	-		
040		TF	RAVNA	-	317° (321.3°T)	4°E	27.8	-	-	-		
010	PALEZ 2W	CA	-	-	038° (041.6°T)	4°E	-	-	@730	-	MNM PDG 3.4% (207 FT/NM) to 2000 FT	RNAV 1
020		DF	ZD807	Y	-	4°E	-	R	-8000 +3000	-250		
030		DF	BO	-	-	4°E	-	R	+7000	-		
040		TF	PALEZ	-	021° (025.3°T)	4°E	27.0	-	-	-		

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID SAL 2W only:
Climb straight ahead. At 730 FT AMSL turn RIGHT direct to SAL NDB. MNM PDG 3.4% (207 FT/NM) to 2000 FT.

LDZD RNAV STANDARD INSTRUMENT DEPARTURE RWY 04

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	SAL 2W	CA	-	-	038° (041.6°T)	4°E	-	-	@730	-	MNM PDG 3.4% (207 FT/NM) to 2000 FT	RNAV 1
020		DF	SAL	-	-	4°E	-	R	-	-		

CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; PBN box updated; Obstacles updated; Editorial.

ZADAR / Zemunik (LDZD)
RNAV RWY 04

RAVNA 2W PALEZ 2W SAL 2W SPL 3W

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID SPL 3W only:
Climb straight ahead. At 730 FT AMSL turn RIGHT climbing to intercept and follow R-127 ZDA. Cross 13.0 DME ZDA at or above 4000 FT AMSL. After crossing 13.0 DME ZDA, proceed via RNAV SID SPL 3W or according to ATC instruction. MNM PDG 3.4% (207 FT/NM) to 2000 FT.

LDZD RNAV STANDARD INSTRUMENT DEPARTURE RWY 04

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	SPL 3W	CA	-	-	038° (041.6°T)	4°E	-	-	@730	-	MNM PDG 3.4% (207 FT/NM) to 2000 FT	RNAV 1
020		DF	ZD808	Y	-	4°E	-	R	+4000	-		
030		TF	SPL	-	127° (131.1°T)	4°E	41.4	-	-	-		

Waypoint coordinates

Waypoint name	WGS-84 latitude	WGS-84 longitude
BO	441009.29N	0151550.41E
SAL	435616.30N	0151005.20E
SPL	432947.69N	0161817.00E
RAVNA	443149N	0145130E
PALEZ	443430N	0153159E
ZD807	435613.6N	0152520.6E
ZD808	435708.8N	0153529.4E

CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; PBN box updated; Obstacles updated; Editorial.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

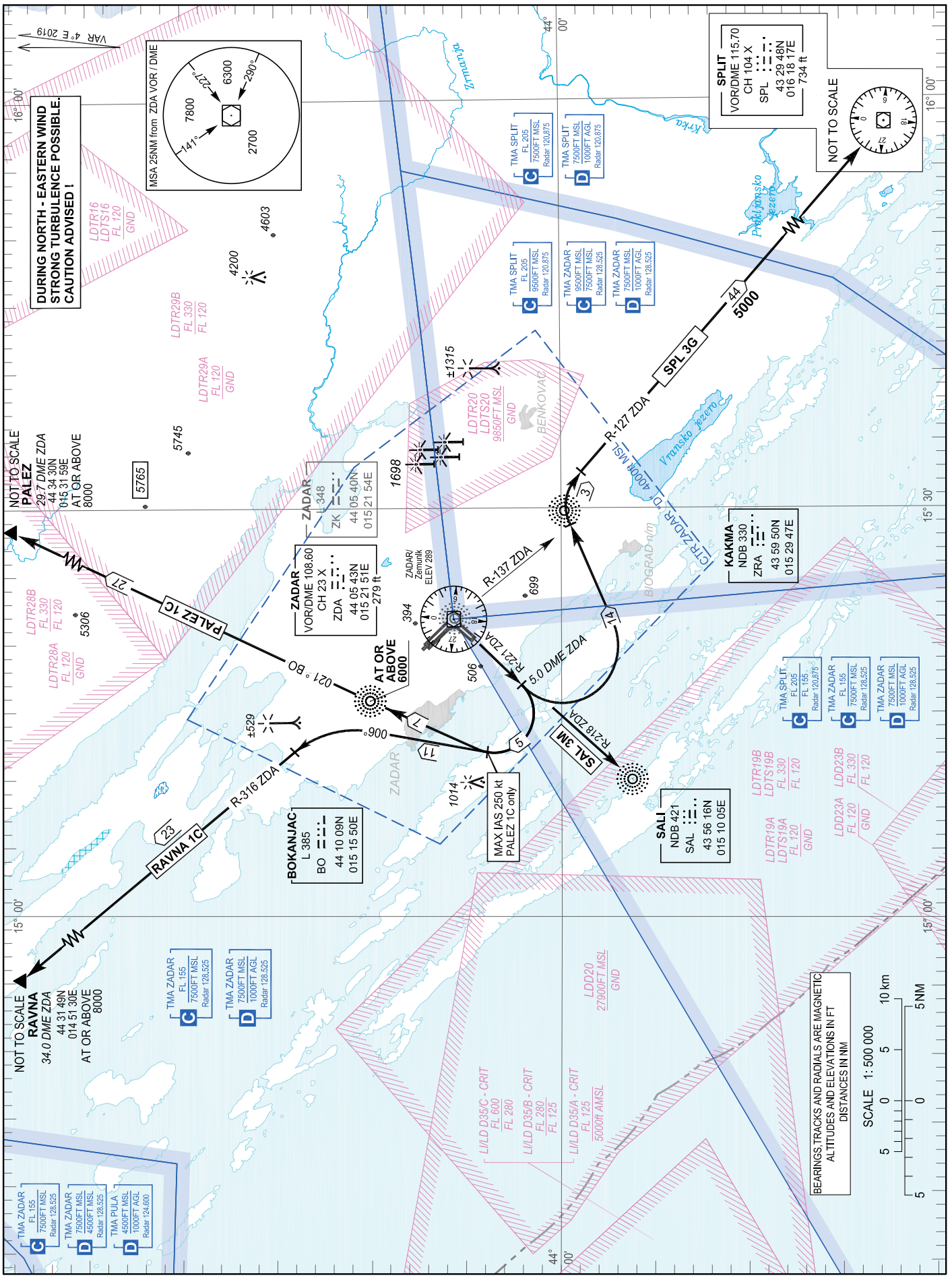
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
10 000

ZADAR TOWER	123.700
ZADAR DELIVERY	132.975
ZADAR RADAR	128.525

ZADAR / Zemunik (LDZD)
RWY 22

RAVNA 1C PALEZ 1C SAL 3M SPL 3G



CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; Obstacles updated; Editorial.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

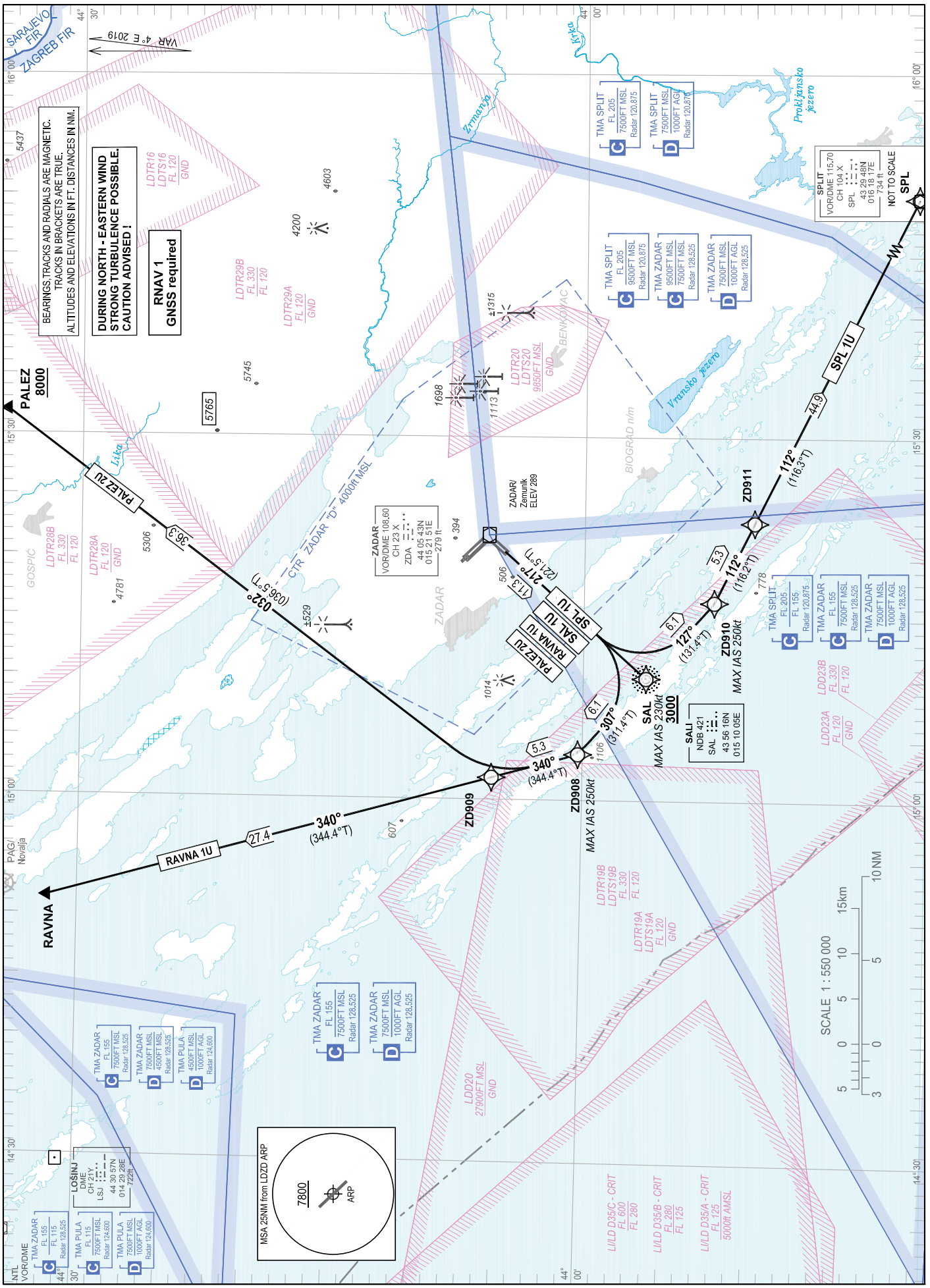
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
10 000

ZADAR TOWER	123.700
ZADAR DELIVERY	132.975
ZADAR RADAR	128.525

ZADAR / Zemunik (LDZD)
RNAV RWY 22

RAVNA 1U PALEZ 2U SAL 1U SPL 1U



CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; PBN box updated; Obstacles updated; Editorial.

ZADAR / Zemunik (LDZD)
RNAV RWY 22
RAVNA 1U PALEZ 2U SAL 1U SPL 1U

GENERAL INFORMATION AND REQUIREMENTS FOR ALL SIDs
- Calculation of the SIDs is based on an all-engines operative minimum net climb gradient of 3.3 per cent (201 FT/NM). Where a greater climb gradient for a specific SID (or part of SID) is necessary, this is indicated in the tabular description of the route.
- After take-off climb initially 8000 FT and contact Zadar Radar on 128.525 MHZ.

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SIDs PALEZ 2U, RAVNA 1U, SPL 1U only:
Climb straight ahead. Cross SAL NDB at or above 3000 FT AMSL. After crossing SAL NDB, proceed via RNAV SID flight procedure filed in FPL or according to ATC instruction. MAX IAS 230 KT.

LDZD RNAV STANDARD INSTRUMENT DEPARTURE RWY 22

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	RAVNA 1U	CF	SAL	-	217° (221.5°T)	4°E	11.3	-	+3000	-230	-	
020		TF	ZD908	-	307° (311.4°T)	4°E	6.1	-	-	-250		
030		TF	ZD909	-	340° (344.4°T)	4°E	5.3	-	-	-		RNAV 1
040		TF	RAVNA	-	340° (344.4°T)	4°E	27.4	-	-	-		
010	PALEZ 2U	CF	SAL	-	217° (221.5°T)	4°E	11.3	-	+3000	-230	-	
020		TF	ZD908	-	307° (311.4°T)	4°E	6.1	-	-	-250		
030		TF	ZD909	-	340° (344.4°T)	4°E	5.3	-	-	-		RNAV 1
040		TF	PALEZ	-	032° (036.5°T)	4°E	36.3	-	+8000	-		
010	SAL 1U	CF	SAL	-	217° (221.5°T)	4°E	11.3	-	+3000	-	-	RNAV 1
010	SPL 1U	CF	SAL	-	217° (221.5°T)	4°E	11.3	-	+3000	-230	-	
020		TF	ZD910	-	127° (131.4°T)	4°E	6.1	-	-	-250		
030		TF	ZD911	-	112° (116.2°T)	4°E	5.3	-	-	-		RNAV 1
040		TF	SPL	-	112° (116.3°T)	4°E	44.9	-	-	-		

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
SAL	435616.30N	0151005.20E
SPL	432947.69N	0161817.00E
RAVNA	443149N	0145130E
PALEZ	443430N	0153159E
ZD908	440016.8N	0150346.6E
ZD909	440524.4N	0150147.8E
ZD910	435215.5N	0151622.9E
ZD911	434954.3N	0152258.7E

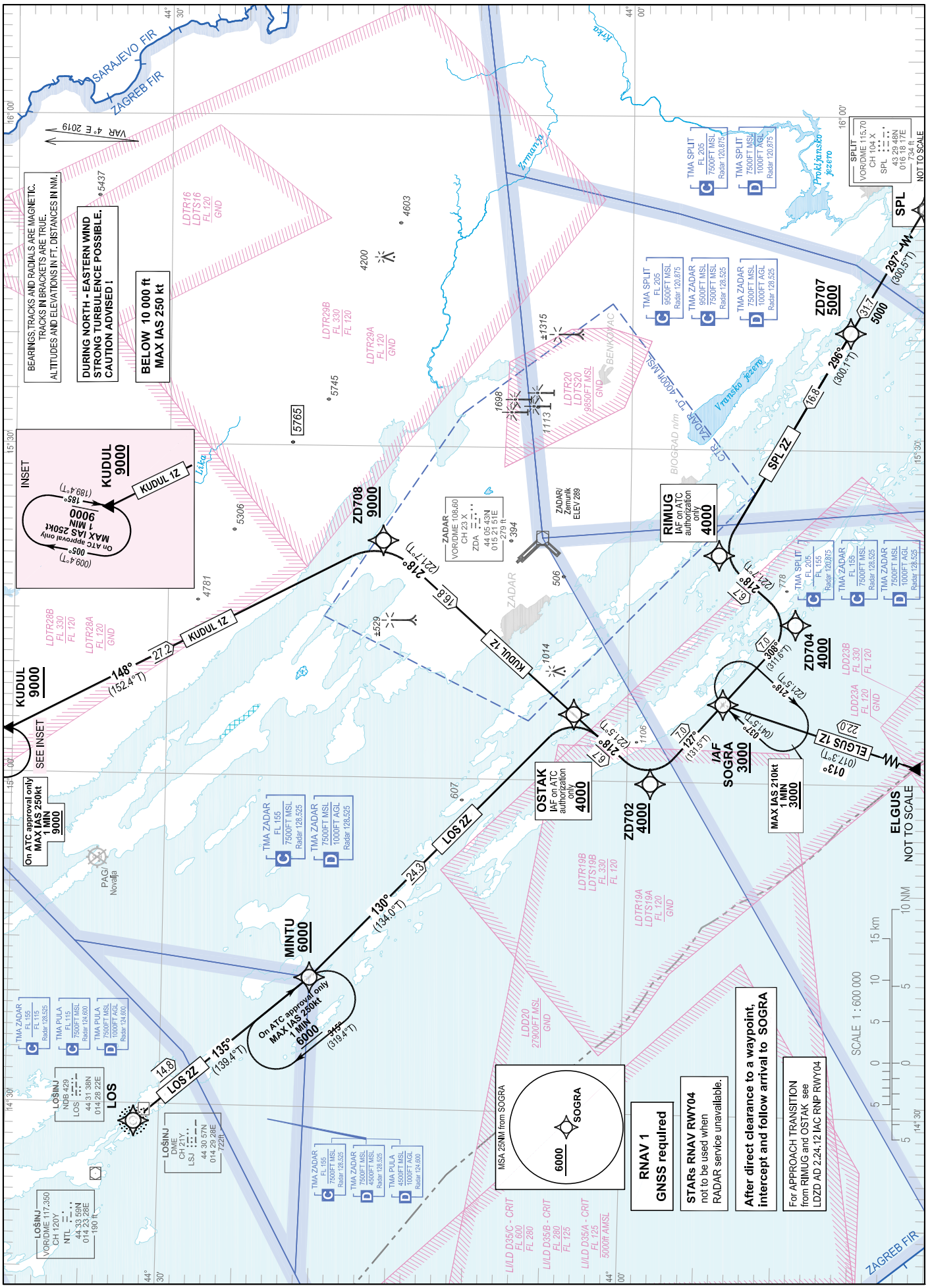
CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; PBN box updated; Obstacles updated; Editorial.

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
10 000

ZADAR RADAR	128.525
ZADAR TOWER	123.700
ZADAR DELIVERY	132.975

ZADAR / Zemunik (LDZD)
RNAV RWY 04
LOS 2Z KUDUL 1Z SPL 2Z ELGUS 1Z



CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; PBN box updated; Obstacles updated; Editorial.

ZADAR / Zemunik (LDZD)
RNAV RWY 04
LOS 2Z KUDUL 1Z SPL 2Z ELGUS 1Z

LDZD RNAV STANDARD ARRIVAL RWY 04

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	LOS 2Z	IF	LOS	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	MINTU	-	135° (139.4°T)	4°E	14.8	-	+6000	-	-	
030		TF	OSTAK	-	130° (134.0°T)	4°E	24.3	-	+4000	-	IAF on ATC authorization only	
040		TF	ZD702	-	218° (221.5°T)	4°E	6.7	-	+4000	-	-	
050		TF	SOGRA	-	127° (131.5°T)	4°E	7.0	-	+3000	-	IAF	
010	KUDUL 1Z	IF	KUDUL	-	-	4°E	-	-	+9000	-	-	RNAV 1
020		TF	ZD708	-	148° (152.4°T)	4°E	27.2	-	+9000	-	-	
030		TF	OSTAK	-	218° (221.7°T)	4°E	16.8	-	+4000	-	IAF on ATC authorization only	
040		TF	ZD702	-	218° (221.5°T)	4°E	6.7	-	+4000	-	-	
050		TF	SOGRA	-	127° (131.5°T)	4°E	7.0	-	+3000	-	IAF	
010	SPL 2Z	IF	SPL	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	ZD707	-	297° (300.5°T)	4°E	31.7	-	+5000	-	-	
030		TF	RIMUG	-	296° (300.1°T)	4°E	16.8	-	+4000	-	IAF on ATC authorization only	
040		TF	ZD704	-	218° (221.7°T)	4°E	6.7	-	+4000	-	-	
050		TF	SOGRA	-	308° (311.6°T)	4°E	7.0	-	+3000	-	IAF	
010	ELGUS 1Z	IF	ELGUS	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	SOGRA	-	013° (017.3°T)	4°E	22.0	-	+3000	-	IAF	

IAF on ATC authorization only: For APPROACH TRANSITION from RIMUG and OSTAK see LDZD AD 2.24.12 IAC RNP RWY 04

CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; PBN box updated; Obstacles updated; Editorial.

ZADAR / Zemunik (LDZD)
RNAV RWY 04

LOS 2Z KUDUL 1Z SPL 2Z ELGUS 1Z

RNAV HOLDING tabular description

Waypoint name	Path descriptor	Inbound course °M (°T)	Leg time/ distance (NM)	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
MINTU	HM	135° (139.4°T)	1 MIN / -	R	6000	-	250	4°E	On ATC approval only	RNAV 1
KUDUL	HM	185° (189.4°T)	1 MIN / -	R	9000	-	250	4°E	On ATC approval only	RNAV 1
SOGRA	HM	037° (041.5°T)	1 MIN / -	R	3000	-	210	4°E	-	RNAV 1

Waypoint coordinates

Waypoint name	WGS-84 latitude	WGS-84 longitude
LOS	443137.55N	0142822.25E
SPL	432947.69N	0161817.00E
ELGUS	433252N	0145800E
MINTU	442024N	0144144E
OSTAK	440331.0N	0150557.8E
RIMUG	435413.2N	0152027.8E
SOGRA	435350.2N	0150702.6E
KUDUL	444011N	0150355E
ZD702	435828.7N	0145947.5E
ZD704	434911.7N	0151417.2E
ZD707	434549.7N	0154033.0E
ZD708	441604.3N	0152126.9E

CHANGE: Zadar TMA lateral and vertical limit and classification; Some LDTR, LDTS and LDD areas added or removed; Zadar Delivery frequency added; PBN box updated; Obstacles updated; Editorial.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

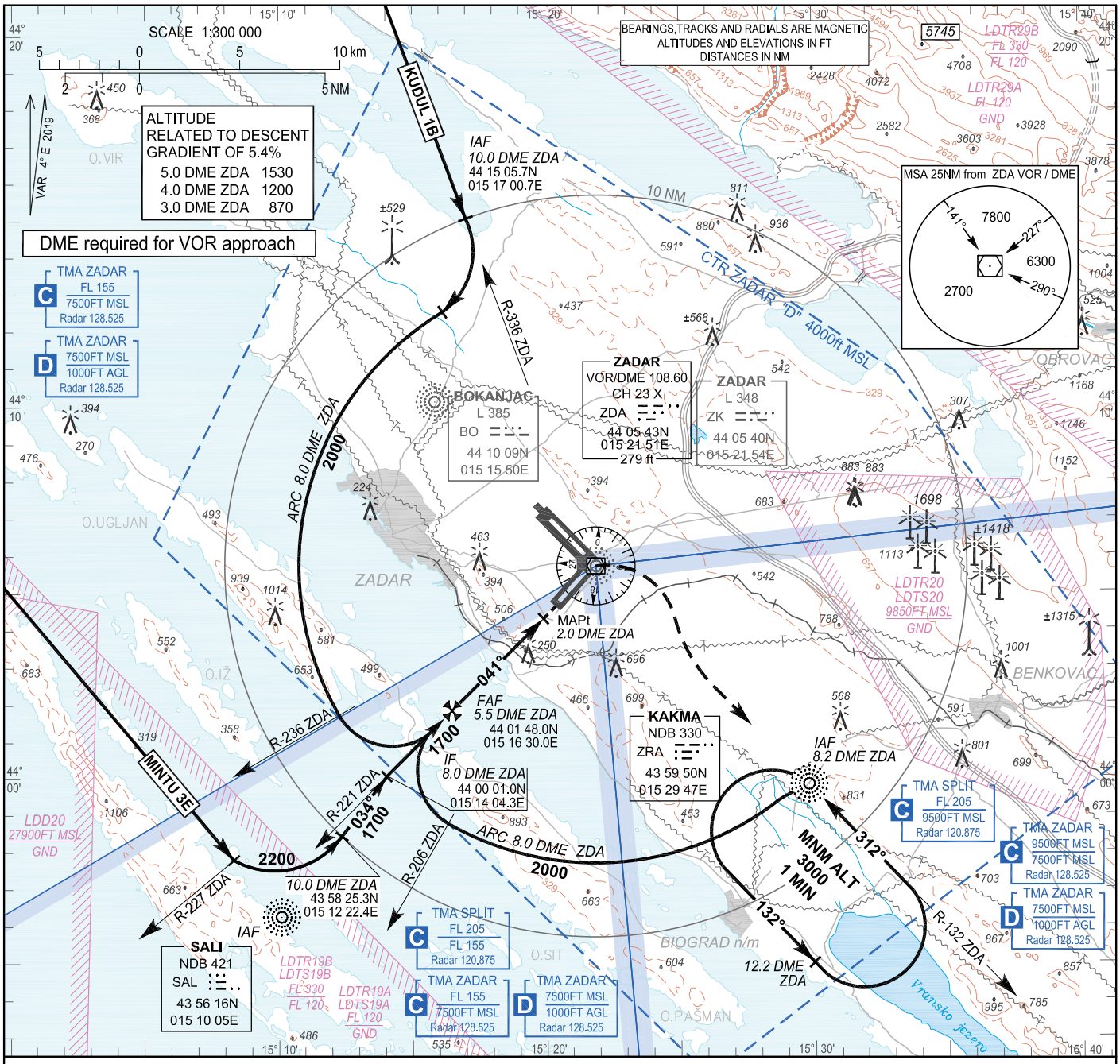
INSTRUMENT APPROACH
CHART-ICAO

AD ELEV 289
HEIGHTS RELATED
TO THR 04 ELEV 289

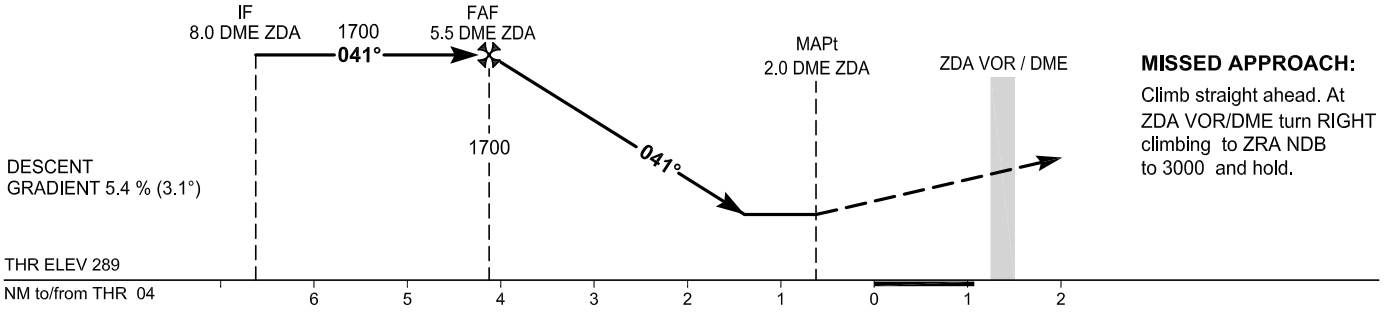
ZADAR RADAR	128.525
ZADAR TOWER	123.700
ZADAR DELIVERY	132.975

ZADAR / Zemunik (LDZD)

VOR RWY 04



TRANSITION ALT 10 000



MISSED APPROACH:
Climb straight ahead. At ZDA VOR/DME turn RIGHT climbing to ZRA NDB to 3000 and hold.

OCA(H)	A	B	C	D
Straight - in Approach	810 (521)			
Circling	1020 (731)		1170 (881)	

TIMING NOT AUTHORIZED FOR DEFINING THE MAPt						
GS(kt)	70	90	100	120	140	160
Rate of descent (ft /min)	380	490	550	660	770	870
MAPt at 2.0 DME ZDA						

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated; Editorial.

VOR RWY 04

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
VOR RWY 04			
Final approach descent angle:	3.11°		
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (via KUDUL)	44 15 05.7N 015 17 00.7E	339.64° (from ZDA VOR)	10.00 DME ZDA
IAF (SAL NDB)	43 56 16.30N 015 10 05.20E	-	-
IAF (ZRA NDB)	43 59 49.76N 015 29 47.31E	-	-
IF	44 00 01.0N 015 14 04.3E	ARC 8.00 DME ZDA	224.61° (from ZDA VOR)
FAF	44 01 48.0N 015 16 30.0E	224.61° (from ZDA VOR)	5.50 DME ZDA
MAPt	44 04 17.7N 015 19 54.3E	224.61° (from ZDA VOR)	2.00 DME ZDA
TP (ZDA VOR/DME)	44 05 43.16N 015 21 51.22E	-	-

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated; Editorial.

INSTRUMENT APPROACH CHART-ICAO

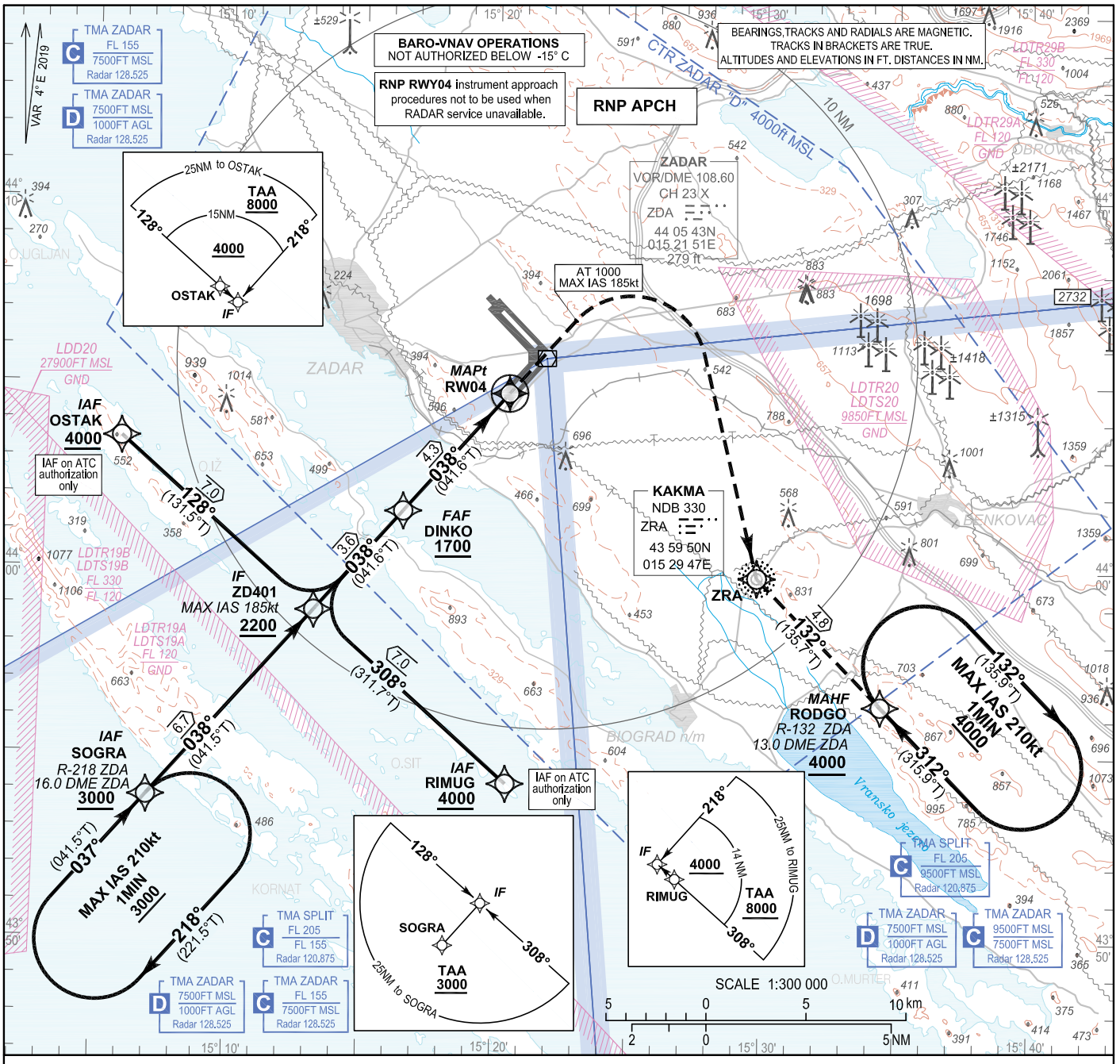
AD ELEV 289
HEIGHTS RELATED TO THR 04 ELEV 289

SBAS
CH: 52290
E04A

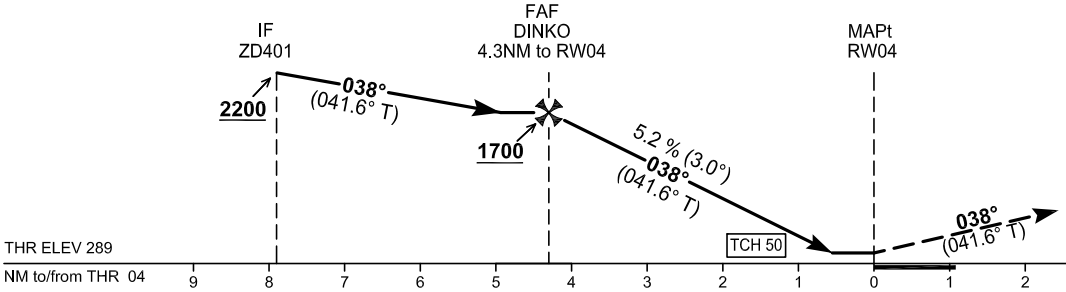
ZADAR RADAR	128.525
ZADAR TOWER	123.700
ZADAR DELIVERY	132.975

ZADAR / Zemunik (LDZD)

RNP RWY 04



TRANSITION ALT 10 000



MISSED APPROACH:
RNAV
RW04 - [M038; A1000; R;]
→ZRA [L; -K185] - RODGO [A4000]
NON RNAV
Climb straight ahead on course 038°.
At 1000ft turn RIGHT to ZRA NDB.
MAX IAS185kt during turn.
From ZRA NDB proceed climbing on QDR 132° ZRA to RODGO at 4000 and hold.

OCA(H)		A	B	C	D
Straight-in approach	LNAV	660 (371)			
	LNAV/VNAV	550 (261)	560 (271)	570 (281)	580 (291)
	LPV	540 (251)		550 (261)	560 (271)
CIRCLING		1020 (731)		1170 (881)	

DIST THR / RW04	NM	4	3	2	1
Altitude	ft	1610	1290	980	660

Timing not authorized for defining the MAPt							
GS	kt	80	100	120	140	160	180
DINKO - RW04 (4.3NM)	min:sec	3:14	2:35	2:09	1:51	1:37	1:26
Rate of descent (5.2%)	ft/min	425	531	637	743	849	955

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated.

RNP RWY 04

Coding elements for FAS Data Block

Input data

Operation Type	0
SBAS Provider	1
Airport Identifier	LDZD
Runway	04
Runway Direction	0
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E04A
LTP/FTP Latitude	440445.8130N
LTP/FTP Longitude	0152028.1870E
LTP/FTP Ellipsoidal Height (metres)	130.5
FPAP Latitude	440534.1085N
Delta FPAP Latitude (seconds)	48.2955
FPAP Longitude	0152127.7285E
Delta FPAP Longitude (seconds)	59.5415
Threshold Crossing Height	50.0
TCH Units Selector	0
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 04 1A 04 0C 04 00 00 01 34 30 05 EA B4 EA 12 36 6E 95 06 19 19 4F 79 01 2B D1 01 F4 01 2C 01 64 00 C8 FA 79 74 59 BA
Calculated CRC Value	797459BA

Required Additional Data

ICAO Code	LD
LTP/FTP Orthometric Height (metres)	88.0
FPAP Orthometric Height (metres)	82.9

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated.

RNP RWY 04

LDZD RNP RWY 04

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	RIMUG	-	-	4°E	-	-	+4000	-	-	IAF on ATC authorization only	RNP APCH
020	IF	TF	ZD401	-	308° (311.7° T)	4°E	7.0	-	+2200	-185	-	-	
010	IAF	IF	SOGRA	-	-	4°E	-	-	+3000	-	-		RNP APCH
020	IF	TF	ZD401	-	038° (041.5° T)	4°E	6.7	-	+2200	-185	-	-	
010	IAF	IF	OSTAK	-	-	4°E	-	-	+4000	-	-	IAF on ATC authorization only	RNP APCH
020	IF	TF	ZD401	-	128° (131.5° T)	4°E	7.0	-	+2200	-185	-	-	

Proposed tabular description for navigation database coding - FINAL TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IF	IF	ZD401	-	-	4°E	-	-	+2200	-185	-	-	RNP APCH
020	FAF	TF	DINKO	-	038° (041.6°T)	4°E	3.6	-	+1700	-	-	-	
030	MAPt	CF	RW04	Y	038° (041.6°T)	4°E	4.3	-	-	-	3.0 / 50.0	-	
040	-	CA	-	-	038° (041.6°T)	4°E	-	-	1000	-	-	RIGHT turn at ALT 1000	
050	-	DF	ZRA	-	-	4°E	-	R	-	-185	-	-	
060	MAHF	TF	RODGO	-	132° (135.7°T)	4°E	4.8	-	4000	-	-	-	
070	MAHF	HM	RODGO	-	312° (315.9°T)	4°E	1 MIN	R	4000	-210	-	Holding above 4000 on ATC clearance only	RNAV 1

RNAV HOLDING tabular description

Waypoint name	Path Term-inator	Inbound course °M (°T)	Leg time/ distance NM	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
SOGRA	HM	037° (041.5°T)	1MIN / -	R	3000	-	210	4°E	-	RNAV 1
RODGO	HM	312° (315.9°T)	1MIN / -	R	4000	-	210	4°E	-	

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
ZRA	435949.76N	0152947.31E
DINKO	440133.9N	0151632.0E
OSTAK	440331.0N	0150557.8E
RIMUG	435413.2N	0152027.8E
RODGO	435622.6N	0153426.9E
SOGRA	435350.2N	0150702.6E
RW04	440445.81N	0152028.19E
ZD401	435852.3N	0151313.4E

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

INSTRUMENT APPROACH
CHART-ICAO

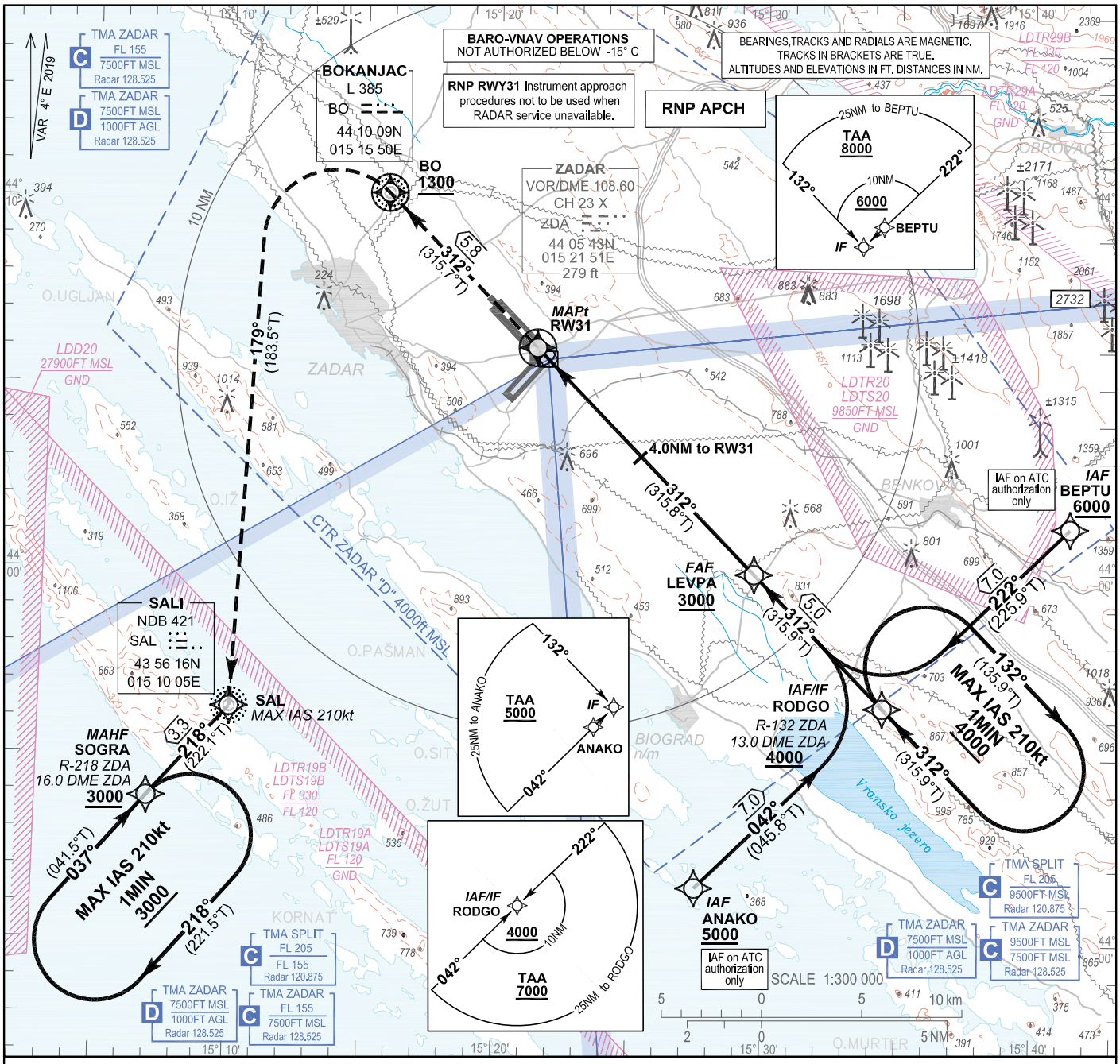
AD ELEV 289
HEIGHTS RELATED
TO THR 31 ELEV 258

SBAS
CH: 52358
E31A

ZADAR RADAR	128.525
ZADAR TOWER	123.700
ZADAR DELIVERY	132.975

ZADAR / Zemunik (LDZD)

RNP RWY 31



TRANSITION ALT 10 000

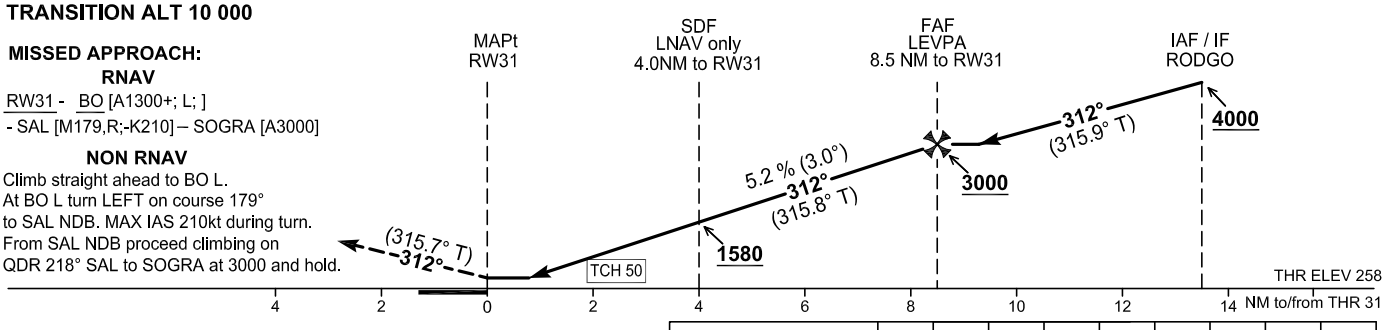
MISSED APPROACH:

RNAV

RW31 - BO [A1300+; L;]
- SAL [M179,R;-K210] – SOGRA [A3000]

NON RNAV

Climb straight ahead to BO L.
At BO L turn LEFT on course 179°
to SAL NDB. MAX IAS 210kt during turn.
From SAL NDB proceed climbing on
QDR 218° SAL to SOGRA at 3000 and hold.



OCA(H)		A	B	C	D
Straight-in approach	LNAV	600 (342)			
	LNAV/VNAV	510 (252)			520 (262)
	LPV	510 (252)			
CIRCLING		1020 (731)		1170 (881)	

DIST THR / RW31	NM	8	7	6	5	4	3	2	1
Altitude	ft	2890	2540	2220	1900	1580	1260	950	630

Timing not authorized for defining the MAPt							
GS	kt	80	100	120	140	160	180
LEVPA - RW31 (8.5NM)	min:sec	6:23	5:06	4:15	3:39	3:11	2:50
Rate of descent (5.2%)	ft/min	425	531	637	743	849	955

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated.

RNP RWY 31

Coding elements for FAS Data Block

Input data	
Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LDZD
Runway	31
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E31A
LTP/FTP Latitude	440601.2885N
LTP/FTP Longitude	0152126.6465E
LTP/FTP Ellipsoidal Height (metres)	121.3
FPAP Latitude	440659.1180N
Delta FPAP Latitude (seconds)	57.8295
FPAP Longitude	0152008.3090E
Delta FPAP Longitude (seconds)	-78.3375
Threshold Crossing Height	50.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0
Output data	
Data Block	10 04 1A 04 0C 1F 00 00 01 31 33 05 91 02 ED 12 ED 36 97 06 BD 18 CB C3 01 FD 9B FD F4 01 2C 01 64 00 C8 FA 9F E2 2F 84
Calculated CRC Value	9FE22F84
Required Additional Data	
ICAO Code	LD
LTP/FTP Orthometric Height (metres)	78.8

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated.

LDZD RNP RWY31

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	BEPTU	-	-	4°E	-	-	+6000	-	-	IAF on ATC authorization only	RNP APCH
020	IF	TF	RODGO	-	222° (225.9° T)	4°E	7.0	-	+4000	-	-	-	
010	IAF/IF	IF	RODGO	-	-	4°E	-	-	+4000	-	-		RNP APCH
010	IAF	IF	ANAKO	-	-	4°E	-	-	+5000	-	-	IAF on ATC authorization only	RNP APCH
020	IF	TF	RODGO	-	042° (045.8° T)	4°E	7.0	-	+4000	-	-	-	

Proposed tabular description for navigation database coding - FINAL TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IF	IF	RODGO	-	-	4°E	-	-	+4000	-	-	-	RNP APCH
020	FAF	TF	LEVPA	-	312° (315.9°T)	4°E	5.0	-	+3000	-	-	-	
030	MAPt	TF	RW31	Y	312° (315.8°T)	4°E	8.5	-	-	-	3.0 / 50.0	-	
040	-	TF	BO	Y	312° (315.7°T)	4°E	5.8	-	+1300	-	-	-	
050	-	CF	SAL	-	179° (183.5° T)	4°E	-	L	-	-210	-	True course 183.48° T	
060	MAHF	TF	SOGRA	-	218° (222.1°T)	4°E	3.3	-	3000	-	-	-	
070	MAHF	HM	SOGRA	-	037° (041.5°T)	4°E	1 MIN	R	3000	-210	-	Holding above 3000 on ATC clearance only	RNAV 1

RNAV HOLDING tabular description

Waypoint name	Path Term-inator	Inbound course °M (°T)	Leg time/ distance NM	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limt MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
RODGO	HM	312° (315.9°T)	1MIN / -	R	4000	-	210	4°E	-	RNAV 1
SOGRA	HM	037° (041.5°T)	1MIN / -	R	3000	-	210	4°E	-	

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
BO	441009.29N	0151550.41E
SAL	435616.30N	0151005.20E
ANAKO	435129.8N	0152730.2E
BEPTU	440115.0N	0154124.7E
LEVPA	435957.9N	0152937.4E
RODGO	435622.6N	0153426.9E
SOGRA	435350.2N	0150702.6E
RW31	440601.29N	0152126.65E

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
THIS PAGE INTENTIONALLY LEFT BLANK

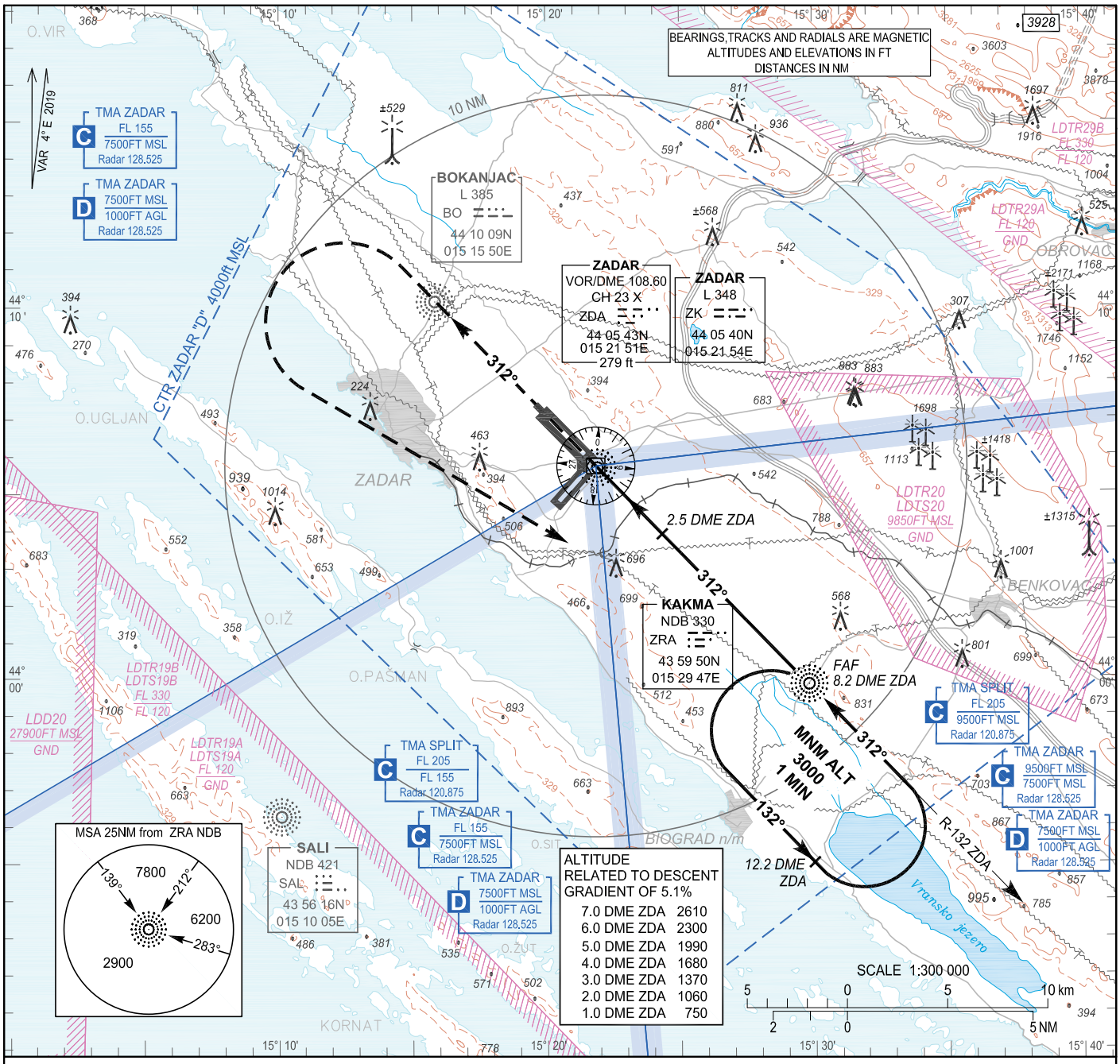
INSTRUMENT APPROACH
CHART-ICAO

AD ELEV 289
HEIGHTS RELATED
TO THR 31 ELEV 258

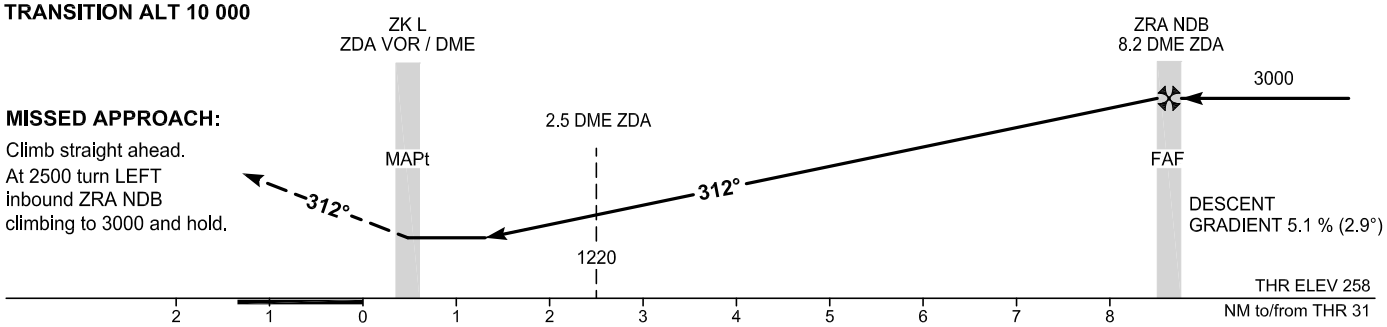
ZADAR RADAR	128.525
ZADAR TOWER	123.700
ZADAR DELIVERY	132.975

ZADAR / Zemunik (LDZD)

L RWY 31



TRANSITION ALT 10 000



MISSED APPROACH:
Climb straight ahead.
At 2500 turn LEFT
inbound ZRA NDB
climbing to 3000 and hold.

OCA(H)	A	B	C	D
Straight - in Approach	640(382)			
	WO DME 950 (692)			
Circling	1020 (731)		1170 (881)	

ZRA NDB - ZK L DISTANCE - 8.2 NM						
TIMING NOT AUTHORIZED FOR DEFINING THE MAPt						
GS(kt)	70	90	100	120	140	160
min : sec	7:02	5:28	4:55	4:06	3:31	3:05
Rate of descent (ft /min)	370	470	520	620	730	830
MAPt at ZK L						

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated; Editorial.

L RWY 31

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
L RWY 31			
Final approach descent angle:	2.94°		
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (ZRA NDB)	43 59 49.76N 015 29 47.31E	-	-
FAF (ZRA NDB)	43 59 49.76N 015 29 47.31E	-	-
SDF	44 03 55.5N 015 24 16.1E	315.83° (ZK L)	2.50 DME ZDA
MAPt (ZK L)	44 05 40.45N 015 21 54.26E	-	-

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated; Editorial.

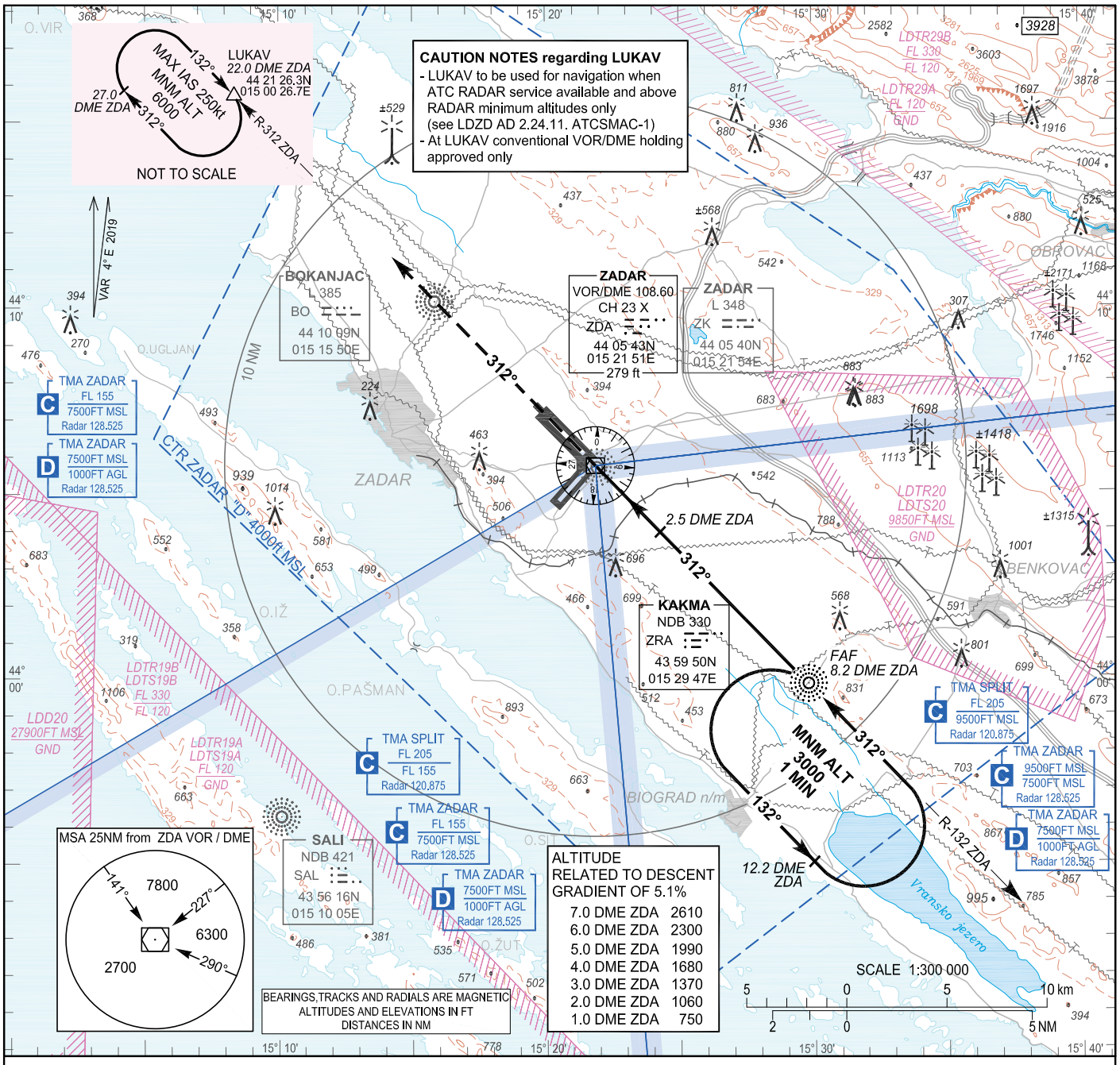
INSTRUMENT APPROACH
CHART-ICAO

AD ELEV 289
HEIGHTS RELATED
TO THR 31 ELEV 258

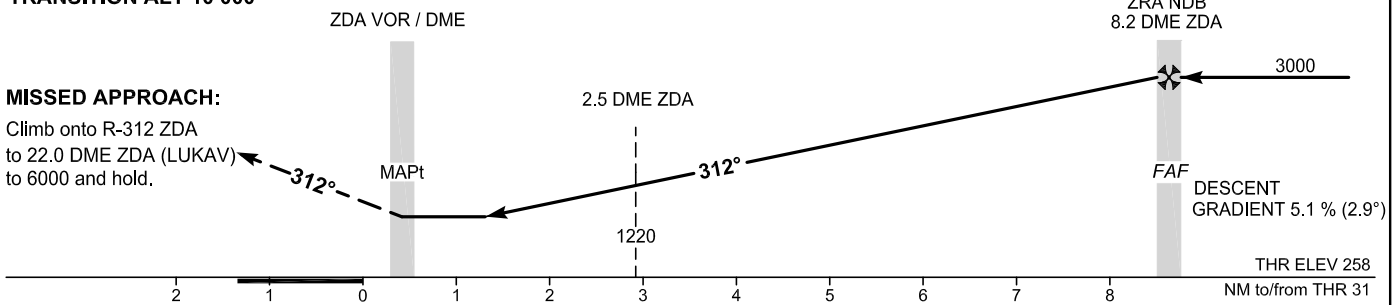
ZADAR RADAR	128.525
ZADAR TOWER	123.700
ZADAR DELIVERY	132.975

ZADAR / Zemunik (LDZD)

VOR RWY 31



TRANSITION ALT 10 000



MISSED APPROACH:
Climb onto R-312 ZDA
to 22.0 DME ZDA (LUKAV)
to 6000 and hold.

OCA(H)	A	B	C	D
Straight - in Approach	640 (382)			
	WO DME 950 (692)			
Circling	1020 (731)		1170 (881)	

TIMING NOT AUTHORIZED FOR DEFINING THE MAPt						
GS(kt)	70	90	100	120	140	160
Rate of descent (ft /min)	370	470	520	620	730	830
MAPt at ZDA VOR / DME						

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated; Editorial.

VOR RWY 31

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
VOR RWY 31			
Final approach descent angle: 2.94°			
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (ZRA NDB)	43 59 49.76N 015 29 47.31E	-	-
FAF (ZRA NDB)	43 59 49.76N 015 29 47.31E	315.87° (ZDA VOR)	8.21 DME ZDA
SDF	44 03 55.6N 015 24 16.3E	315.86° (ZDA VOR)	2.50 DME ZDA
MAPt (ZDA VOR/DME)	44 05 43.16N 015 21 51.22E	-	-

CHANGE: LDTR19, LDTS19, LDTR15 and LDTS15 areas removed; LDTR19A, LDTS19A, LDTR19B, LDTS19B, LDTR29A and LDTR29B areas added; Zadar Delivery frequency added; Obstacles updated; Editorial.