

## REPUBLIC OF CROATIA

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



AIRAC AIP AMDT 009/2025  
Effective Date: 02 OCT 2025  
Publication Date: 21 AUG 2025

---

**1. Amendment contents:****GEN**

- **GEN 0.2** - Record of AIP amendments - updated
- **GEN 0.4** - Checklist of AIP pages - updated
- **GEN 0.5** - List of hand amendments to the AIP - updated
- **GEN 2.5** - List of radio navigation aids - radio navigation aid ZK L withdrawn

**ENR**

- **ENR 5.4** - Air navigation obstacles - updated
- **ENR 6** - New Chart:
  - Radio facility - Index Chart (ENR 6.8 -1/2)

**AD**

- **AD 0.6** - Table of contents to Part 3 - updated
- **LDDU, LDOS, LDRI, LDSB, LDSP AD 2.17** - ATS Airspace - point 6 added - Hours of applicability
- **LDLO AD 2.15, 2.17** - Other lighting, secondary power supply - Anemometer location and LGT added; ATS Airspace - point 6 added - Hours of applicability
- **LDPL AD 2.4, 2.9, 2.12, 2.15, 2.17** - various changes; Runway physical characteristics - TDZ added; ATS Airspace - point 6 added - Hours of applicability
- **LDZA AD 2.10, 2.17** - Aerodrome obstacles - new obstacles in Area 2 added; ATS Airspace - point 6 added - Hours of applicability
- **LDZA AD 2** - New Chart:
  - Aerodrome Obstacle Chart - ICAO - Type A RWY 04-22 (LDZA AD 2.24.4 AOC RWY 04/22 -1/1)
- **LDZD AD 2.17, 2.19, 2.24** - ATS Airspace - point 6 added - Hours of applicability; Radio navigation and landing aids - radio navigation aid ZK L withdrawn; Charts related to an aerodrome - 3 charts withdrawn
- **LDZD AD 2** - New Charts:
  - Standard Departure Chart Instrument - ICAO RWY 04 (LDZD AD 2.24.8 SID RWY 04 -1/2)
  - Standard Departure Chart Instrument - ICAO RWY 13 (LDZD AD 2.24.8 SID RWY 13 -1/2)
  - Standard Departure Chart Instrument - ICAO RWY 22 (LDZD AD 2.24.8 SID RWY 22 -1/2)
  - Standard Departure Chart Instrument - ICAO RWY 31 (LDZD AD 2.24.8 SID RWY 31 -1/2)
  - Standard Arrival Chart Instrument - ICAO RWY 04 & 13/31 (LDZD AD 2.24.10 STAR RWY 04 & 13/31 -1/2)
  - ATC Surveillance Minimum Altitude Chart - ICAO (LDZD AD 2.24.11 ATCSMAC -1/2)
  - Instrument Approach Chart - ICAO VOR RWY 04 (LDZD AD 2.24.12 IAC VOR RWY 04 -1/2)
  - Instrument Approach Chart - ICAO ILS or LOC RWY 13 (LDZD AD 2.24.12 IAC ILS or LOC RWY 13 -1/2)
  - Instrument Approach Chart - ICAO L y RWY 13 (LDZD AD 2.24.12 IAC L y RWY 13 -1/2) - withdrawn
  - Instrument Approach Chart - ICAO L z RWY 13 (LDZD AD 2.24.12 IAC L z RWY 13 -1/2) - withdrawn
  - Instrument Approach Chart - ICAO VOR RWY 13 (LDZD AD 2.24.12 IAC VOR RWY 13 -1/2)
  - Instrument Approach Chart - ICAO L RWY 31 (LDZD AD 2.24.12 IAC L RWY 31 -1/2) - withdrawn
  - Instrument Approach Chart - ICAO VOR RWY 31 (LDZD AD 2.24.12 IAC VOR RWY 31 -1/2)

- Visual Operation Chart (LDZD AD 2.24.13 VOC -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:** A2207/25

NOTAM incorporated in this AMDT 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 - 5/6 02 OCT 2025 / 23 JAN 2025  
 GEN 0.4 - 1/2 02 OCT 2025 / 02 OCT 2025  
 GEN 0.4 - 3/4 02 OCT 2025 / 02 OCT 2025  
 GEN 0.4 - 5/6 02 OCT 2025 / 02 OCT 2025  
 GEN 0.4 - 7/8 02 OCT 2025 / 02 OCT 2025  
 GEN 0.4 - 9/10 02 OCT 2025 / 02 OCT 2025  
 GEN 0.5 - 3/4 02 OCT 2025 / 04 SEP 2025  
 GEN 2.5 - 1/2 15 MAY 2025 / 02 OCT 2025  
 ENR 5.4 - 1/2 02 OCT 2025 / 02 OCT 2025  
 ENR 5.4 - 3/4 02 OCT 2025 / 02 OCT 2025  
 ENR 5.4 - 5/6 02 OCT 2025 / 02 OCT 2025  
 ENR 5.4 - 7/8 02 OCT 2025 / 02 OCT 2025  
 ENR 6.8 - 1/2 02 OCT 2025 / 02 OCT 2025  
 AD 0.6 - 1/2 02 OCT 2025 / 02 OCT 2025  
 AD 0.6 - 3/4 02 OCT 2025 / 02 OCT 2025  
 AD 0.6 - 5/6 02 OCT 2025 / 02 OCT 2025  
 AD 0.6 - 7/8 02 OCT 2025 / 02 OCT 2025  
 AD 0.6 - 9/10 02 OCT 2025 / 02 OCT 2025  
 LDDU AD 2 - 27/28 02 OCT 2025 / 04 SEP 2025  
 LDLO AD 2 - 7/8 28 NOV 2024 / 02 OCT 2025  
 LDLO AD 2 - 9/10 02 OCT 2025 / 28 NOV 2024  
 LDOS AD 2 - 7/8 12 JUN 2025 / 02 OCT 2025  
 LDPL AD 2 - 1/2 11 JUL 2024 / 02 OCT 2025  
 LDPL AD 2 - 5/6 02 OCT 2025 / 02 OCT 2025  
 LDPL AD 2 - 7/8 02 OCT 2025 / 02 OCT 2025  
 LDPL AD 2 - 9/10 02 OCT 2025 / 02 OCT 2025  
 LDPL AD 2 - 11/12 02 OCT 2025 / 02 OCT 2025  
 LDRI AD 2 - 7/8 08 AUG 2024 / 02 OCT 2025  
 LDSB AD 2 - 7/8 30 NOV 2023 / 02 OCT 2025  
 LDSP AD 2 - 17/18 02 OCT 2025 / 21 MAR 2024  
 LDZA AD 2 - 5/6 27 FEB 2020 / 02 OCT 2025  
 LDZA AD 2 - 11/12 02 OCT 2025 / 05 SEP 2024  
 LDZA AD 2.24.4 AOC RWY 04/22 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2 - 9/10 02 OCT 2025 / 25 JAN 2024  
 LDZD AD 2 - 11/12 02 OCT 2025 / 13 JUN 2024  
 LDZD AD 2 - 17/18 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.8 SID RWY 04 - 1/2 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.8 SID RWY 13 - 1/2 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.8 SID RWY 22 - 1/2 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.8 SID RWY 31 - 1/2 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.10 STAR RWY04 & 13/31 - 1/2 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.11 ATCSMAC - 1/2 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.12 IAC VOR RWY 04 - 1/2 02 OCT 2025 / 02 OCT 2025  
 NIL  
 NIL  
 LDZD AD 2.24.12 IAC VOR RWY 13 - 1/2 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.12 IAC ILS or LOC RWY13 - 1/2 02 OCT 2025 / 02 OCT 2025  
 NIL  
 LDZD AD 2.24.12 IAC VOR RWY 31 - 1/2 02 OCT 2025 / 02 OCT 2025  
 LDZD AD 2.24.13 VOC - 1/2 02 OCT 2025 / 02 OCT 2025

## Remove the following pages

GEN 0.2 - 5/6 04 SEP 2025 / 23 JAN 2025  
 GEN 0.4 - 1/2 04 SEP 2025 / 04 SEP 2025  
 GEN 0.4 - 3/4 04 SEP 2025 / 04 SEP 2025  
 GEN 0.4 - 5/6 04 SEP 2025 / 04 SEP 2025  
 GEN 0.4 - 7/8 04 SEP 2025 / 04 SEP 2025  
 GEN 0.4 - 9/10 04 SEP 2025 / 04 SEP 2025  
 GEN 0.5 - 3/4 04 SEP 2025 / 04 SEP 2025  
 GEN 2.5 - 1/2 15 MAY 2025 / 15 MAY 2025  
 ENR 5.4 - 1/2 23 JAN 2025 / 23 JAN 2025  
 ENR 5.4 - 3/4 23 JAN 2025 / 23 JAN 2025  
 ENR 5.4 - 5/6 17 APR 2025 / 17 APR 2025  
 NIL  
 ENR 6.8 - 1/2 15 MAY 2025 / 15 MAY 2025  
 AD 0.6 - 1/2 04 SEP 2025 / 04 SEP 2025  
 AD 0.6 - 3/4 04 SEP 2025 / 04 SEP 2025  
 AD 0.6 - 5/6 04 SEP 2025 / 04 SEP 2025  
 AD 0.6 - 7/8 04 SEP 2025 / 04 SEP 2025  
 AD 0.6 - 9/10 04 SEP 2025 / 04 SEP 2025  
 LDDU AD 2 - 27/28 04 SEP 2025 / 04 SEP 2025  
 LDLO AD 2 - 7/8 28 NOV 2024 / 28 NOV 2024  
 LDLO AD 2 - 9/10 28 NOV 2024 / 28 NOV 2024  
 LDOS AD 2 - 7/8 12 JUN 2025 / 28 DEC 2023  
 LDPL AD 2 - 1/2 11 JUL 2024 / 07 AUG 2025  
 LDPL AD 2 - 5/6 10 JUL 2025 / 07 AUG 2025  
 LDPL AD 2 - 7/8 13 JUN 2024 / 10 JUL 2025  
 LDPL AD 2 - 9/10 03 OCT 2024 / 15 MAY 2025  
 LDPL AD 2 - 11/12 10 JUL 2025 / 12 JUN 2025  
 LDRI AD 2 - 7/8 08 AUG 2024 / 17 APR 2025  
 LDSB AD 2 - 7/8 30 NOV 2023 / 28 DEC 2023  
 LDSP AD 2 - 17/18 21 MAR 2024 / 21 MAR 2024  
 LDZA AD 2 - 5/6 27 FEB 2020 / 20 FEB 2025  
 LDZA AD 2 - 11/12 05 SEP 2024 / 05 SEP 2024  
 LDZA AD 2.24.4 AOC RWY 04/22 26 MAR 2020  
 LDZD AD 2 - 9/10 20 FEB 2025 / 25 JAN 2024  
 LDZD AD 2 - 11/12 13 JUL 2023 / 13 JUN 2024  
 LDZD AD 2 - 17/18 03 NOV 2022 / 08 AUG 2024  
 LDZD AD 2.24.8 SID RWY 04 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.8 SID RWY 13 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.8 SID RWY 22 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.8 SID RWY 31 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.10 STAR RWY04 & 13/31 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.11 ATCSMAC - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.12 IAC VOR RWY 04 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.12 IAC L y RWY 13 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.12 IAC L z RWY 13 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.12 IAC VOR RWY 13 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.12 IAC ILS or LOC RWY13 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.12 IAC L RWY 31 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.12 IAC VOR RWY 31 - 1/2 15 MAY 2025 / 15 MAY 2025  
 LDZD AD 2.24.13 VOC - 1/2 15 MAY 2025 / 15 MAY 2025



| AIRAC AIP AMENDMENT |                         |                       |                    |
|---------------------|-------------------------|-----------------------|--------------------|
| <i>NR/Year</i>      | <i>Publication date</i> | <i>Effective date</i> | <i>Inserted by</i> |
| 013/2024            | 12 DEC 2024             | 23 JAN 2025           |                    |
| 001/2025            | 09 JAN 2025             | 20 FEB 2025           |                    |
| 002/2025            | 06 FEB 2025             | 20 MAR 2025           |                    |
| 003/2025            | 06 MAR 2025             | 17 APR 2025           |                    |
| 004/2025            | 03 APR 2025             | 15 MAY 2025           |                    |
| 005/2025            | 30 APR 2025             | 12 JUN 2025           |                    |
| 006/2025            | 29 MAY 2025             | 10 JUL 2025           |                    |
| 007/2025            | 26 JUN 2025             | 07 AUG 2025           |                    |
| 008/2025            | 24 JUL 2025             | 04 SEP 2025           |                    |
| 009/2025            | 21 AUG 2025             | 02 OCT 2025           |                    |

| AIP AMENDMENT  |                         |                      |                    |
|----------------|-------------------------|----------------------|--------------------|
| <i>NR/Year</i> | <i>Publication date</i> | <i>Date inserted</i> | <i>Inserted by</i> |
| 002/2012       | 13-Apr-2012             | 13-Apr-2012          |                    |
| 001/2014       | 22-Aug-2014             | 22-Aug-2014          |                    |
| 001/2015       | 01-Feb-2015             | 01-Feb-2015          |                    |
| 002/2015       | 01-Jun-2015             | 01-Jun-2015          |                    |
| 003/2015       | 11-Jun-2015             | 23-Jul-2015          |                    |
| 004/2015       | 26-Oct-2015             | 26-Oct-2015          |                    |
| 001/2016       | 22-Jan-2016             | 22-Jan-2016          |                    |
| 002/2016       | 15-Mar-2016             | 15-Mar-2016          |                    |
| 003/2016       | 02-Aug-2016             | 02-Aug-2016          |                    |
| 001/2017       | 06-Jan-2017             | 06-Jan-2017          |                    |
| 002/2017       | 06-Jul-2017             | 21-Jul-2017          |                    |
| 001/2019       | 02-Jul-2019             | 19-Jul-2019          |                    |
| 002/2019       | 20-Nov-2019             | 06-Dec-2019          |                    |
| 001/2020       | 31-Aug-2020             | 14-Sep-2020          |                    |

| Page                                  | Date        | Page         | Date        |
|---------------------------------------|-------------|--------------|-------------|
| <b>GEN 0.4 CHECKLIST OF AIP PAGES</b> |             |              |             |
| <b>PART 1 - GENERAL (GEN)</b>         |             |              |             |
| GEN 0.1 - 1                           | 23 MAR 2023 | GEN 1.5 - 1  | 15 JUL 2021 |
| GEN 0.1 - 2                           | 23 MAR 2023 | GEN 1.5 - 2  | 04 SEP 2025 |
| GEN 0.1 - 3                           | 23 MAR 2023 | GEN 1.5 - 3  | 30 DEC 2021 |
| GEN 0.1 - 4                           | 20 FEB 2025 | GEN 1.5 - 4  | 30 APR 2015 |
| GEN 0.2 - 1                           | 20 JUL 2017 | GEN 1.6 - 1  | 15 JUL 2021 |
| GEN 0.2 - 2                           | 11 OCT 2018 | GEN 1.6 - 2  | 04 SEP 2025 |
| GEN 0.2 - 3                           | 30 DEC 2021 | GEN 1.7 - 1  | 12 OCT 2017 |
| GEN 0.2 - 4                           | 26 DEC 2024 | GEN 1.7 - 2  | 12 AUG 2021 |
| GEN 0.2 - 5                           | 02 OCT 2025 | GEN 1.7 - 3  | 20 APR 2023 |
| GEN 0.2 - 6                           | 23 JAN 2025 | GEN 1.7 - 4  | 12 AUG 2021 |
| GEN 0.3 - 1                           | 07 AUG 2025 | GEN 1.7 - 5  | 12 AUG 2021 |
| GEN 0.3 - 2                           | 01 FEB 2018 | GEN 1.7 - 6  | 12 AUG 2021 |
| GEN 0.4 - 1                           | 02 OCT 2025 | GEN 1.7 - 7  | 12 AUG 2021 |
| GEN 0.4 - 2                           | 02 OCT 2025 | GEN 1.7 - 8  | 12 AUG 2021 |
| GEN 0.4 - 3                           | 02 OCT 2025 | GEN 1.7 - 9  | 12 AUG 2021 |
| GEN 0.4 - 4                           | 02 OCT 2025 | GEN 1.7 - 10 | 12 AUG 2021 |
| GEN 0.4 - 5                           | 02 OCT 2025 | GEN 1.7 - 11 | 12 AUG 2021 |
| GEN 0.4 - 6                           | 02 OCT 2025 | GEN 1.7 - 12 | 12 AUG 2021 |
| GEN 0.4 - 7                           | 02 OCT 2025 | GEN 1.7 - 13 | 12 AUG 2021 |
| GEN 0.4 - 8                           | 02 OCT 2025 | GEN 1.7 - 14 | 07 OCT 2021 |
| GEN 0.4 - 9                           | 02 OCT 2025 | GEN 1.7 - 15 | 07 OCT 2021 |
| GEN 0.4 - 10                          | 02 OCT 2025 | GEN 1.7 - 16 | 04 SEP 2025 |
| GEN 0.5 - 1                           | 10 JUL 2025 | GEN 1.7 - 17 | 29 DEC 2022 |
| GEN 0.5 - 2                           | 07 AUG 2025 | GEN 1.7 - 18 | 29 DEC 2022 |
| GEN 0.5 - 3                           | 02 OCT 2025 | GEN 1.7 - 19 | 20 MAR 2025 |
| GEN 0.5 - 4                           | 04 SEP 2025 | GEN 1.7 - 20 | 08 AUG 2024 |
| GEN 0.6 - 1                           | 04 SEP 2025 | GEN 1.7 - 21 | 04 SEP 2025 |
| GEN 0.6 - 2                           | 04 SEP 2025 | GEN 1.7 - 22 | 29 DEC 2022 |
| GEN 0.6 - 3                           | 04 SEP 2025 | GEN 2.1 - 1  | 23 MAR 2023 |
| GEN 0.6 - 4                           | 04 SEP 2025 | GEN 2.1 - 2  | 08 SEP 2022 |
| GEN 1.1 - 1                           | 15 JUL 2021 | GEN 2.1 - 3  | 08 SEP 2022 |
| GEN 1.1 - 2                           | 11 JUL 2024 | GEN 2.1 - 4  | 23 MAR 2023 |
| GEN 1.1 - 3                           | 12 JUN 2025 | GEN 2.2 - 1  | 10 JUL 2025 |
| GEN 1.1 - 4                           | 26 JAN 2023 | GEN 2.2 - 2  | 10 JUL 2025 |
| GEN 1.1 - 5                           | 26 JAN 2023 | GEN 2.2 - 3  | 10 JUL 2025 |
| GEN 1.1 - 6                           | 26 JAN 2023 | GEN 2.2 - 4  | 10 JUL 2025 |
| GEN 1.2 - 1                           | 04 SEP 2025 | GEN 2.2 - 5  | 10 JUL 2025 |
| GEN 1.2 - 2                           | 11 JUL 2024 | GEN 2.2 - 6  | 10 JUL 2025 |
| GEN 1.2 - 3                           | 04 SEP 2025 | GEN 2.2 - 7  | 10 JUL 2025 |
| GEN 1.2 - 4                           | 04 SEP 2025 | GEN 2.2 - 8  | 10 JUL 2025 |
| GEN 1.2 - 5                           | 04 SEP 2025 | GEN 2.2 - 9  | 10 JUL 2025 |
| GEN 1.2 - 6                           | 04 SEP 2025 | GEN 2.2 - 10 | 10 JUL 2025 |
| GEN 1.2 - 7                           | 04 SEP 2025 | GEN 2.2 - 11 | 10 JUL 2025 |
| GEN 1.2 - 8                           | 04 SEP 2025 | GEN 2.2 - 12 | 10 JUL 2025 |
| GEN 1.2 - 9                           | 04 SEP 2025 | GEN 2.3 - 1  | 01 FEB 2018 |
| GEN 1.2 - 10                          | 04 SEP 2025 | GEN 2.3 - 2  | 01 FEB 2018 |
| GEN 1.2 - 11                          | 04 SEP 2025 | GEN 2.3 - 3  | 01 FEB 2018 |
| GEN 1.2 - 12                          | 04 SEP 2025 | GEN 2.3 - 4  | 01 FEB 2018 |
| GEN 1.2 - 13                          | 04 SEP 2025 | GEN 2.3 - 5  | 01 FEB 2018 |
| GEN 1.2 - 14                          | 04 SEP 2025 | GEN 2.3 - 6  | 01 FEB 2018 |
| GEN 1.3 - 1                           | 12 DEC 2013 | GEN 2.3 - 7  | 01 FEB 2018 |
| GEN 1.3 - 2                           | 12 DEC 2013 | GEN 2.3 - 8  | 01 FEB 2018 |
| GEN 1.3 - 3                           | 18 MAY 2023 | GEN 2.3 - 9  | 04 NOV 2021 |
| GEN 1.3 - 4                           | 18 MAY 2023 | GEN 2.3 - 10 | 01 FEB 2018 |
| GEN 1.3 - 5                           | 18 MAY 2023 | GEN 2.3 - 11 | 01 FEB 2018 |
| GEN 1.3 - 6                           | 18 MAY 2023 | GEN 2.3 - 12 | 01 FEB 2018 |
| GEN 1.3 - 7                           | 18 MAY 2023 | GEN 2.3 - 13 | 01 FEB 2018 |
| GEN 1.3 - 8                           | 18 MAY 2023 | GEN 2.3 - 14 | 01 FEB 2018 |
| GEN 1.3 - 9                           | 18 MAY 2023 | GEN 2.4 - 1  | 31 OCT 2024 |
| GEN 1.3 - 10                          | 18 MAY 2023 | GEN 2.4 - 2  | 31 OCT 2024 |
| GEN 1.4 - 1                           | 23 MAR 2023 | GEN 2.5 - 1  | 15 MAY 2025 |
| GEN 1.4 - 2                           | 23 MAR 2023 | GEN 2.5 - 2  | 02 OCT 2025 |
|                                       |             | 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        | Page                           | Date        |
|--------------|-------------|--------------------------------|-------------|
| GEN 2.7 - 6  | 23 FEB 2023 | GEN 4.1 - 23                   | 17 APR 2025 |
| GEN 2.7 - 7  | 23 FEB 2023 | GEN 4.1 - 24                   | 17 APR 2025 |
| GEN 2.7 - 8  | 23 FEB 2023 | GEN 4.1 - 25                   | 17 APR 2025 |
| GEN 2.7 - 9  | 23 FEB 2023 | GEN 4.1 - 26                   | 17 APR 2025 |
| GEN 2.7 - 10 | 23 FEB 2023 | GEN 4.1 - 27                   | 17 APR 2025 |
| GEN 2.7 - 11 | 23 FEB 2023 | GEN 4.1 - 28                   | 17 APR 2025 |
| GEN 2.7 - 12 | 23 FEB 2023 | GEN 4.1 - 29                   | 17 APR 2025 |
| GEN 2.7 - 13 | 23 FEB 2023 | GEN 4.1 - 30                   | 17 APR 2025 |
| GEN 2.7 - 14 | 23 FEB 2023 | GEN 4.1 - 31                   | 17 APR 2025 |
| GEN 3.1 - 1  | 20 FEB 2025 | GEN 4.1 - 32                   | 17 APR 2025 |
| GEN 3.1 - 2  | 07 AUG 2025 | GEN 4.1 - 33                   | 17 APR 2025 |
| GEN 3.1 - 3  | 07 AUG 2025 | GEN 4.1 - 34                   | 17 APR 2025 |
| GEN 3.1 - 4  | 07 AUG 2025 | GEN 4.1 - 35                   | 17 APR 2025 |
| GEN 3.1 - 5  | 07 AUG 2025 | GEN 4.1 - 36                   | 17 APR 2025 |
| GEN 3.1 - 6  | 07 AUG 2025 | GEN 4.1 - 37                   | 17 APR 2025 |
| GEN 3.2 - 1  | 20 FEB 2025 | GEN 4.1 - 38                   | 17 APR 2025 |
| GEN 3.2 - 2  | 23 JAN 2025 | GEN 4.1 - 39                   | 17 APR 2025 |
| GEN 3.2 - 3  | 11 JUL 2024 | GEN 4.1 - 40                   | 17 APR 2025 |
| GEN 3.2 - 4  | 04 SEP 2025 | GEN 4.2 - 1                    | 16 JUN 2022 |
| GEN 3.2 - 5  | 04 SEP 2025 | GEN 4.2 - 2                    | 16 JUN 2022 |
| GEN 3.2 - 6  | 04 SEP 2025 | GEN 4.2 - 3                    | 23 MAR 2023 |
| GEN 3.3 - 1  | 13 JUN 2024 | GEN 4.2 - 4                    | 16 JUN 2022 |
| GEN 3.3 - 2  | 13 JUN 2024 |                                |             |
| GEN 3.3 - 3  | 13 JUN 2024 | <b>PART 2 - EN-ROUTE (ENR)</b> |             |
| GEN 3.3 - 4  | 20 FEB 2025 |                                |             |
| GEN 3.4 - 1  | 20 FEB 2025 | ENR 0.1 - 1                    | 08 MAR 2012 |
| GEN 3.4 - 2  | 25 JAN 2024 | ENR 0.1 - 2                    | 08 MAR 2012 |
| GEN 3.4 - 3  | 13 JUN 2024 | ENR 0.2 - 1                    | 08 MAR 2012 |
| GEN 3.4 - 4  | 13 JUN 2024 | ENR 0.2 - 2                    | 08 MAR 2012 |
| GEN 3.4 - 5  | 13 JUN 2024 | ENR 0.3 - 1                    | 08 MAR 2012 |
| GEN 3.4 - 6  | 13 JUN 2024 | ENR 0.3 - 2                    | 08 MAR 2012 |
| GEN 3.4 - 7  | 13 JUN 2024 | ENR 0.4 - 1                    | 08 MAR 2012 |
| GEN 3.4 - 8  | 13 JUN 2024 | ENR 0.4 - 2                    | 08 MAR 2012 |
| GEN 3.4 - 9  | 13 JUN 2024 | ENR 0.5 - 1                    | 08 MAR 2012 |
| GEN 3.4 - 10 | 13 JUN 2024 | ENR 0.5 - 2                    | 08 MAR 2012 |
| GEN 3.5 - 1  | 07 AUG 2025 | ENR 0.6 - 1                    | 04 SEP 2025 |
| GEN 3.5 - 2  | 18 APR 2024 | ENR 0.6 - 2                    | 04 SEP 2025 |
| GEN 3.5 - 3  | 12 JUN 2025 | ENR 0.6 - 3                    | 04 SEP 2025 |
| GEN 3.5 - 4  | 26 DEC 2024 | ENR 0.6 - 4                    | 04 SEP 2025 |
| GEN 3.5 - 5  | 07 AUG 2025 | ENR 1.1 - 1                    | 22 APR 2021 |
| GEN 3.5 - 6  | 07 AUG 2025 | ENR 1.1 - 2                    | 22 APR 2021 |
| GEN 3.5 - 7  | 18 APR 2024 | ENR 1.1 - 3                    | 22 APR 2021 |
| GEN 3.5 - 8  | 07 AUG 2025 | ENR 1.1 - 4                    | 22 APR 2021 |
| GEN 3.5 - 9  | 18 APR 2024 | ENR 1.1 - 5                    | 22 APR 2021 |
| GEN 3.5 - 10 | 18 APR 2024 | ENR 1.1 - 6                    | 22 APR 2021 |
| GEN 3.6 - 1  | 10 JUL 2025 | ENR 1.1 - 7                    | 15 JUN 2023 |
| GEN 3.6 - 2  | 24 MAR 2022 | ENR 1.1 - 8                    | 15 JUN 2023 |
| GEN 3.6 - 3  | 24 MAR 2022 | ENR 1.2 - 1                    | 26 OCT 2015 |
| GEN 3.6 - 4  | 24 MAR 2022 | ENR 1.2 - 2                    | 26 OCT 2015 |
| GEN 4.1 - 1  | 16 MAY 2024 | ENR 1.2 - 3                    | 26 OCT 2015 |
| GEN 4.1 - 2  | 17 APR 2025 | ENR 1.2 - 4                    | 08 MAR 2012 |
| GEN 4.1 - 3  | 17 APR 2025 | ENR 1.3 - 1                    | 19 JUL 2019 |
| GEN 4.1 - 4  | 17 APR 2025 | ENR 1.3 - 2                    | 19 JUL 2019 |
| GEN 4.1 - 5  | 17 APR 2025 | ENR 1.3 - 3                    | 07 SEP 2023 |
| GEN 4.1 - 6  | 17 APR 2025 | ENR 1.3 - 4                    | 01 FEB 2018 |
| GEN 4.1 - 7  | 17 APR 2025 | ENR 1.4 - 1                    | 10 SEP 2020 |
| GEN 4.1 - 8  | 17 APR 2025 | ENR 1.4 - 2                    | 13 SEP 2018 |
| GEN 4.1 - 9  | 17 APR 2025 | ENR 1.5 - 1                    | 21 APR 2022 |
| GEN 4.1 - 10 | 17 APR 2025 | ENR 1.5 - 2                    | 27 FEB 2020 |
| GEN 4.1 - 11 | 17 APR 2025 | ENR 1.6 - 1                    | 20 FEB 2025 |
| GEN 4.1 - 12 | 17 APR 2025 | ENR 1.6 - 2                    | 20 FEB 2025 |
| GEN 4.1 - 13 | 17 APR 2025 | ENR 1.6 - 3                    | 20 FEB 2025 |
| GEN 4.1 - 14 | 17 APR 2025 | ENR 1.6 - 4                    | 12 JUN 2025 |
| GEN 4.1 - 15 | 17 APR 2025 | ENR 1.7 - 1                    | 25 APR 2019 |
| GEN 4.1 - 16 | 17 APR 2025 | ENR 1.7 - 2                    | 16 MAY 2024 |
| GEN 4.1 - 17 | 17 APR 2025 | ENR 1.7 - 3                    | 16 MAY 2024 |
| GEN 4.1 - 18 | 17 APR 2025 | ENR 1.7 - 4                    | 08 MAR 2012 |
| GEN 4.1 - 19 | 17 APR 2025 | ENR 1.8 - 1                    | 13 JUL 2023 |
| GEN 4.1 - 20 | 17 APR 2025 | ENR 1.8 - 2                    | 16 JUL 2020 |
| GEN 4.1 - 21 | 17 APR 2025 | ENR 1.8 - 3                    | 16 JUL 2020 |
| GEN 4.1 - 22 | 17 APR 2025 |                                |             |

| Page          | Date        | Page         | Date        |
|---------------|-------------|--------------|-------------|
| ENR 1.8 - 4   | 13 JUN 2024 | ENR 1.13 - 1 | 30 APR 2015 |
| ENR 1.8 - 5   | 13 SEP 2018 | ENR 1.13 - 2 | 30 APR 2015 |
| ENR 1.8 - 6   | 03 JAN 2019 | ENR 1.14 - 1 | 12 JUN 2025 |
| ENR 1.8 - 7   | 03 JAN 2019 | ENR 1.14 - 2 | 12 JUN 2025 |
| ENR 1.8 - 8   | 03 JAN 2019 | ENR 1.14 - 3 | 23 FEB 2023 |
| ENR 1.8 - 9   | 03 JAN 2019 | ENR 1.14 - 4 | 23 FEB 2023 |
| 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  | 12 JUN 2025 |
| ENR 1.8 - 13  | 16 JUL 2020 | ENR 2.1 - 2  | 15 MAY 2025 |
| ENR 1.8 - 14  | 03 JAN 2019 | ENR 2.1 - 3  | 15 MAY 2025 |
| ENR 1.8 - 15  | 03 JAN 2019 | ENR 2.1 - 4  | 15 MAY 2025 |
| ENR 1.8 - 16  | 03 JAN 2019 | ENR 2.1 - 5  | 15 MAY 2025 |
| ENR 1.8 - 17  | 03 JAN 2019 | ENR 2.1 - 6  | 15 MAY 2025 |
| ENR 1.8 - 18  | 03 JAN 2019 | ENR 2.1 - 7  | 15 MAY 2025 |
| ENR 1.8 - 19  | 03 JAN 2019 | ENR 2.1 - 8  | 15 MAY 2025 |
| 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  | 04 SEP 2025 |
| ENR 1.9 - 3   | 10 SEP 2020 | ENR 2.2 - 4  | 04 SEP 2025 |
| 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  | 15 MAY 2025 |
| ENR 1.9 - 7   | 10 SEP 2020 | ENR 3.2 - 2  | 15 MAY 2025 |
| ENR 1.9 - 8   | 15 JUL 2021 | ENR 3.2 - 3  | 15 MAY 2025 |
| ENR 1.9 - 9   | 28 MAY 2015 | ENR 3.2 - 4  | 15 MAY 2025 |
| ENR 1.9 - 10  | 28 MAY 2015 | ENR 3.2 - 5  | 15 MAY 2025 |
| ENR 1.9 - 11  | 28 MAY 2015 | ENR 3.2 - 6  | 15 MAY 2025 |
| ENR 1.9 - 12  | 28 MAY 2015 | ENR 3.2 - 7  | 15 MAY 2025 |
| ENR 1.9 - 13  | 10 SEP 2020 | ENR 3.2 - 8  | 15 MAY 2025 |
| ENR 1.9 - 14  | 10 SEP 2020 | ENR 3.2 - 9  | 15 MAY 2025 |
| ENR 1.9 - 15  | 10 SEP 2020 | ENR 3.2 - 10 | 15 MAY 2025 |
| ENR 1.9 - 16  | 22 JUN 2017 | ENR 3.2 - 11 | 05 SEP 2024 |
| ENR 1.9 - 17  | 15 JUL 2021 | ENR 3.2 - 12 | 15 MAY 2025 |
| ENR 1.9 - 18  | 15 JUL 2021 | ENR 3.2 - 13 | 15 MAY 2025 |
| ENR 1.9 - 19  | 28 DEC 2023 | ENR 3.2 - 14 | 15 MAY 2025 |
| ENR 1.9 - 20  | 16 MAY 2024 | ENR 3.2 - 15 | 15 MAY 2025 |
| ENR 1.9 - 21  | 10 JUL 2025 | ENR 3.2 - 16 | 15 MAY 2025 |
| ENR 1.9 - 22  | 10 JUL 2025 | ENR 3.2 - 17 | 15 MAY 2025 |
| ENR 1.9 - 23  | 10 JUL 2025 | ENR 3.2 - 18 | 15 MAY 2025 |
| ENR 1.9 - 24  | 04 SEP 2025 | ENR 3.2 - 19 | 15 MAY 2025 |
| ENR 1.9 - 25  | 04 SEP 2025 | ENR 3.2 - 20 | 15 MAY 2025 |
| ENR 1.9 - 26  | 04 SEP 2025 | ENR 3.2 - 21 | 05 SEP 2024 |
| ENR 1.10 - 1  | 16 JUL 2020 | ENR 3.2 - 22 | 15 MAY 2025 |
| ENR 1.10 - 2  | 07 AUG 2025 | ENR 3.2 - 23 | 15 MAY 2025 |
| ENR 1.10 - 3  | 07 AUG 2025 | ENR 3.2 - 24 | 15 MAY 2025 |
| ENR 1.10 - 4  | 07 AUG 2025 | ENR 3.2 - 25 | 15 MAY 2025 |
| ENR 1.10 - 5  | 07 AUG 2025 | ENR 3.2 - 26 | 15 MAY 2025 |
| ENR 1.10 - 6  | 07 AUG 2025 | ENR 3.2 - 27 | 15 MAY 2025 |
| ENR 1.10 - 7  | 07 AUG 2025 | ENR 3.2 - 28 | 15 MAY 2025 |
| ENR 1.10 - 8  | 07 AUG 2025 | ENR 3.2 - 29 | 15 MAY 2025 |
| ENR 1.10 - 9  | 07 AUG 2025 | ENR 3.2 - 30 | 15 MAY 2025 |
| ENR 1.10 - 10 | 07 AUG 2025 | ENR 3.2 - 31 | 15 MAY 2025 |
| ENR 1.10 - 11 | 07 AUG 2025 | ENR 3.2 - 32 | 05 SEP 2024 |
| ENR 1.10 - 12 | 07 AUG 2025 | ENR 3.2 - 33 | 15 MAY 2025 |
| ENR 1.10 - 13 | 07 AUG 2025 | ENR 3.2 - 34 | 15 MAY 2025 |
| ENR 1.10 - 14 | 07 AUG 2025 | ENR 3.2 - 35 | 15 MAY 2025 |
| ENR 1.10 - 15 | 07 AUG 2025 | ENR 3.2 - 36 | 15 MAY 2025 |
| ENR 1.10 - 16 | 07 AUG 2025 | ENR 3.2 - 37 | 15 MAY 2025 |
| ENR 1.10 - 17 | 07 AUG 2025 | ENR 3.2 - 38 | 15 MAY 2025 |
| ENR 1.10 - 18 | 07 AUG 2025 | ENR 3.2 - 39 | 15 MAY 2025 |
| ENR 1.10 - 19 | 07 AUG 2025 | ENR 3.2 - 40 | 15 MAY 2025 |
| ENR 1.10 - 20 | 07 AUG 2025 | ENR 3.3 - 1  | 25 JAN 2024 |
| ENR 1.10 - 21 | 18 APR 2024 | ENR 3.3 - 2  | 25 JAN 2024 |
| ENR 1.10 - 22 | 01 FEB 2018 | ENR 3.4 - 1  | 25 JAN 2024 |
| ENR 1.11 - 1  | 07 SEP 2023 | ENR 3.4 - 2  | 08 MAR 2012 |
| ENR 1.11 - 2  | 23 MAY 2019 | ENR 4.1 - 1  | 20 MAR 2025 |
| ENR 1.12 - 1  | 03 DEC 2020 | ENR 4.1 - 2  | 15 MAY 2025 |
| ENR 1.12 - 2  | 08 MAR 2012 | ENR 4.2 - 1  | 08 MAR 2012 |
| ENR 1.12 - 3  | 08 MAR 2012 | ENR 4.2 - 2  | 08 MAR 2012 |
| ENR 1.12 - 4  | 08 MAR 2012 | ENR 4.3 - 1  | 30 MAR 2017 |

| Page         | Date        | Page         | Date        |
|--------------|-------------|--------------|-------------|
| ENR 4.3 - 2  | 08 MAR 2012 | ENR 5.2 - 39 | 20 MAR 2025 |
| ENR 4.4 - 1  | 15 MAY 2025 | ENR 5.2 - 40 | 20 MAR 2025 |
| ENR 4.4 - 2  | 15 MAY 2025 | ENR 5.2 - 41 | 20 MAR 2025 |
| ENR 4.4 - 3  | 15 MAY 2025 | ENR 5.2 - 42 | 20 MAR 2025 |
| ENR 4.4 - 4  | 15 MAY 2025 | ENR 5.2 - 43 | 20 MAR 2025 |
| ENR 4.4 - 5  | 15 MAY 2025 | ENR 5.2 - 44 | 20 MAR 2025 |
| ENR 4.4 - 6  | 15 MAY 2025 | ENR 5.2 - 45 | 15 MAY 2025 |
| ENR 4.4 - 7  | 15 MAY 2025 | ENR 5.2 - 46 | 15 MAY 2025 |
| ENR 4.4 - 8  | 20 MAR 2025 | ENR 5.2 - 47 | 15 MAY 2025 |
| ENR 4.5 - 1  | 08 MAR 2012 | ENR 5.2 - 48 | 15 MAY 2025 |
| ENR 4.5 - 2  | 08 MAR 2012 | ENR 5.2 - 49 | 15 MAY 2025 |
| ENR 5.1 - 1  | 20 APR 2023 | ENR 5.2 - 50 | 15 MAY 2025 |
| ENR 5.1 - 2  | 11 JUL 2024 | ENR 5.2 - 51 | 15 MAY 2025 |
| ENR 5.1 - 3  | 11 JUL 2024 | ENR 5.2 - 52 | 15 MAY 2025 |
| ENR 5.1 - 4  | 11 JUL 2024 | ENR 5.2 - 53 | 15 MAY 2025 |
| ENR 5.1 - 5  | 11 JUL 2024 | ENR 5.2 - 54 | 15 MAY 2025 |
| ENR 5.1 - 6  | 11 JUL 2024 | ENR 5.2 - 55 | 15 MAY 2025 |
| ENR 5.1 - 7  | 11 JUL 2024 | ENR 5.2 - 56 | 15 MAY 2025 |
| ENR 5.1 - 8  | 11 JUL 2024 | ENR 5.2 - 57 | 15 MAY 2025 |
| ENR 5.1 - 9  | 11 JUL 2024 | ENR 5.2 - 58 | 15 MAY 2025 |
| ENR 5.1 - 10 | 11 JUL 2024 | ENR 5.2 - 59 | 15 MAY 2025 |
| ENR 5.1 - 11 | 11 JUL 2024 | ENR 5.2 - 60 | 15 MAY 2025 |
| ENR 5.1 - 12 | 11 JUL 2024 | ENR 5.2 - 61 | 15 MAY 2025 |
| ENR 5.1 - 13 | 11 JUL 2024 | ENR 5.2 - 62 | 15 MAY 2025 |
| ENR 5.1 - 14 | 11 JUL 2024 | ENR 5.2 - 63 | 15 MAY 2025 |
| ENR 5.1 - 15 | 11 JUL 2024 | ENR 5.2 - 64 | 15 MAY 2025 |
| ENR 5.1 - 16 | 11 JUL 2024 | ENR 5.3 - 1  | 06 OCT 2022 |
| ENR 5.1 - 17 | 11 JUL 2024 | ENR 5.3 - 2  | 08 MAR 2012 |
| ENR 5.1 - 18 | 11 JUL 2024 | ENR 5.4 - 1  | 02 OCT 2025 |
| ENR 5.1 - 19 | 11 JUL 2024 | ENR 5.4 - 2  | 02 OCT 2025 |
| ENR 5.1 - 20 | 11 JUL 2024 | ENR 5.4 - 3  | 02 OCT 2025 |
| ENR 5.1 - 21 | 11 JUL 2024 | ENR 5.4 - 4  | 02 OCT 2025 |
| ENR 5.1 - 22 | 11 JUL 2024 | ENR 5.4 - 5  | 02 OCT 2025 |
| ENR 5.2 - 1  | 07 SEP 2023 | ENR 5.4 - 6  | 02 OCT 2025 |
| ENR 5.2 - 2  | 07 SEP 2023 | ENR 5.4 - 7  | 02 OCT 2025 |
| ENR 5.2 - 3  | 07 SEP 2023 | ENR 5.4 - 8  | 02 OCT 2025 |
| ENR 5.2 - 4  | 18 APR 2024 | ENR 5.5 - 1  | 30 NOV 2023 |
| ENR 5.2 - 5  | 20 MAR 2025 | ENR 5.5 - 2  | 15 MAY 2025 |
| ENR 5.2 - 6  | 20 MAR 2025 | ENR 5.5 - 3  | 15 MAY 2025 |
| ENR 5.2 - 7  | 11 JUL 2024 | ENR 5.5 - 4  | 15 MAY 2025 |
| ENR 5.2 - 8  | 11 JUL 2024 | ENR 5.6 - 1  | 07 SEP 2023 |
| ENR 5.2 - 9  | 11 JUL 2024 | ENR 5.6 - 2  | 12 JUN 2025 |
| ENR 5.2 - 10 | 11 JUL 2024 | ENR 6 - 1    | 15 MAY 2025 |
| ENR 5.2 - 11 | 11 JUL 2024 | ENR 6 - 2    | 08 MAR 2012 |
| ENR 5.2 - 12 | 20 MAR 2025 | ENR 6.1 - 1  | 15 MAY 2025 |
| ENR 5.2 - 13 | 20 MAR 2025 | ENR 6.2 - 1  | 07 AUG 2025 |
| ENR 5.2 - 14 | 20 MAR 2025 | ENR 6.3 - 1  | 15 MAY 2025 |
| ENR 5.2 - 15 | 20 MAR 2025 | ENR 6.3 - 2  | 15 MAY 2025 |
| ENR 5.2 - 16 | 20 MAR 2025 | ENR 6.3 - 3  | 15 MAY 2025 |
| ENR 5.2 - 17 | 20 MAR 2025 | ENR 6.3 - 4  | 15 MAY 2025 |
| ENR 5.2 - 18 | 20 MAR 2025 | ENR 6.4 - 1  | 16 MAY 2024 |
| ENR 5.2 - 19 | 20 MAR 2025 | ENR 6.4 - 2  | 16 MAY 2024 |
| ENR 5.2 - 20 | 20 MAR 2025 | ENR 6.5 - 1  | 20 MAR 2025 |
| ENR 5.2 - 21 | 20 MAR 2025 | ENR 6.5 - 2  | 20 MAR 2025 |
| ENR 5.2 - 22 | 20 MAR 2025 | ENR 6.5 - 3  | 20 MAR 2025 |
| ENR 5.2 - 23 | 20 MAR 2025 | ENR 6.5 - 4  | 20 MAR 2025 |
| ENR 5.2 - 24 | 20 MAR 2025 | ENR 6.6 - 1  | 08 MAR 2012 |
| ENR 5.2 - 25 | 20 MAR 2025 | ENR 6.6 - 2  | 08 MAR 2012 |
| ENR 5.2 - 26 | 20 MAR 2025 | ENR 6.7 - 1  | 15 MAY 2025 |
| ENR 5.2 - 27 | 20 MAR 2025 | ENR 6.7 - 2  | 15 MAY 2025 |
| ENR 5.2 - 28 | 20 MAR 2025 | ENR 6.7 - 3  | 15 MAY 2025 |
| ENR 5.2 - 29 | 20 MAR 2025 | ENR 6.7 - 4  | 15 MAY 2025 |
| ENR 5.2 - 30 | 20 MAR 2025 | ENR 6.8 - 1  | 02 OCT 2025 |
| ENR 5.2 - 31 | 20 MAR 2025 | ENR 6.8 - 2  | 02 OCT 2025 |
| ENR 5.2 - 32 | 20 MAR 2025 | ENR 6.9 - 1  | 08 MAR 2012 |
| ENR 5.2 - 33 | 20 MAR 2025 | ENR 6.9 - 2  | 08 MAR 2012 |
| ENR 5.2 - 34 | 20 MAR 2025 | ENR 6.10 - 1 | 08 MAR 2012 |
| ENR 5.2 - 35 | 20 MAR 2025 | ENR 6.10 - 2 | 08 MAR 2012 |
| ENR 5.2 - 36 | 20 MAR 2025 | ENR 6.11 - 1 | 15 MAY 2025 |
| ENR 5.2 - 37 | 20 MAR 2025 | ENR 6.11 - 2 | 15 MAY 2025 |
| ENR 5.2 - 38 | 20 MAR 2025 | ENR 6.12 - 1 | 14 JUL 2022 |

| Page         | Date        | Page                                            | Date        |
|--------------|-------------|-------------------------------------------------|-------------|
| ENR 6.12 - 2 | 14 JUL 2022 | LDDU AD 2.24.8 SID RNAV RWY 11 - 1              | 04 SEP 2025 |
| ENR 6.14 - 1 | 28 DEC 2023 | LDDU AD 2.24.8 SID RNAV RWY 11 - 2              | 04 SEP 2025 |
| ENR 6.14 - 2 | 28 DEC 2023 | LDDU AD 2.24.8 SID RNAV RWY 11 - 3              | 04 SEP 2025 |
| ENR 6.15 - 1 | 28 DEC 2023 | LDDU AD 2.24.8 SID RNAV RWY 11 - 4              | 04 SEP 2025 |
| ENR 6.15 - 2 | 28 DEC 2023 | LDDU AD 2.24.8 SID RWY 29 - 1                   | 15 MAY 2025 |
|              |             | LDDU AD 2.24.8 SID RWY 29 - 2                   | 15 MAY 2025 |
|              |             | LDDU AD 2.24.8 SID RNAV RWY 29 - 1              | 04 SEP 2025 |
|              |             | LDDU AD 2.24.8 SID RNAV RWY 29 - 2              | 04 SEP 2025 |
|              |             | LDDU AD 2.24.10 STAR RWY 11 - 1                 | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RWY 11 - 2                 | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 11 - 1            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 11 - 2            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 11 - 3            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 11 - 4            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 11 - 5            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 11 - 6            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 29 - 1            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 29 - 2            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 29 - 3            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 29 - 4            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 29 - 5            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.10 STAR RNAV RWY 29 - 6            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.11 ATCSMAC - 1                     | 15 MAY 2025 |
|              |             | LDDU AD 2.24.11 ATCSMAC - 2                     | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC VOR RWY 11 - 1              | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC VOR RWY 11 - 2              | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC ILSy or LOCy RWY 11 - 1     | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC ILSy or LOCy RWY 11 - 2     | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC ILSz or LOCz RWY 11 - 1     | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC ILSz or LOCz RWY 11 - 2     | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP RWY 11 - 1              | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP RWY 11 - 2              | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP RWY 11 - 3              | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP RWY 11 - 4              | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP RWY 29 (AR) - 1         | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP RWY 29 (AR) - 2         | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP-b RWY 29 - 1            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP-b RWY 29 - 2            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP-b RWY 29 - 3            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.12 IAC RNP-b RWY 29 - 4            | 15 MAY 2025 |
|              |             | LDDU AD 2.24.13 VAC RWY 29 - 1                  | 15 MAY 2025 |
|              |             | LDDU AD 2.24.13 VAC RWY 29 - 2                  | 15 MAY 2025 |
|              |             | LDDU AD 2.24.13 VOC - 1                         | 15 MAY 2025 |
|              |             | LDDU AD 2.24.13 VOC - 2                         | 15 MAY 2025 |
|              |             | LDDU AD 2.24.14 BC - 1                          | 28 MAR 2019 |
|              |             | LDDU AD 2.24.14 BC - 2                          | 28 MAR 2019 |
|              |             | LDLO AD 2 - 1                                   | 30 NOV 2023 |
|              |             | LDLO AD 2 - 2                                   | 07 AUG 2025 |
|              |             | LDLO AD 2 - 3                                   | 07 AUG 2025 |
|              |             | LDLO AD 2 - 4                                   | 07 AUG 2025 |
|              |             | LDLO AD 2 - 5                                   | 07 AUG 2025 |
|              |             | LDLO AD 2 - 6                                   | 07 AUG 2025 |
|              |             | LDLO AD 2 - 7                                   | 28 NOV 2024 |
|              |             | LDLO AD 2 - 8                                   | 02 OCT 2025 |
|              |             | LDLO AD 2 - 9                                   | 02 OCT 2025 |
|              |             | LDLO AD 2 - 10                                  | 28 NOV 2024 |
|              |             | LDLO AD 2 - 11                                  | 28 NOV 2024 |
|              |             | LDLO AD 2 - 12                                  | 22 FEB 2024 |
|              |             | LDLO AD 2 - 13                                  | 21 MAR 2024 |
|              |             | LDLO AD 2 - 14                                  | 21 MAR 2024 |
|              |             | LDLO AD 2 - 15                                  | 21 MAR 2024 |
|              |             | LDLO AD 2 - 16                                  | 16 MAY 2024 |
|              |             | LDLO AD 2.24.1 ADC - 1                          | 23 FEB 2023 |
|              |             | LDLO AD 2.24.1 ADC - 2                          | 23 FEB 2023 |
|              |             | LDLO AD 2.24.2 APDC - 1                         | 25 APR 2019 |
|              |             | LDLO AD 2.24.2 APDC - 2                         | 25 APR 2019 |
|              |             | LDLO AD 2.24.4 AOC RWY 02/20 - 1                | 25 APR 2019 |
|              |             | LDLO AD 2.24.8 SID RWY 02 - 1                   | 15 MAY 2025 |
|              |             | LDLO AD 2.24.8 SID RWY 02 - 2                   | 15 MAY 2025 |
|              |             | LDLO AD 2.24.8 SID RNAV RWY 02 CAT A&B - 1      | 15 MAY 2025 |
|              |             | LDLO AD 2.24.8 SID RNAV RWY 02 CAT A&B - 2      | 15 MAY 2025 |
|              |             | LDLO AD 2.24.8 SID RWY 20 - 1                   | 15 MAY 2025 |
|              |             | LDLO AD 2.24.8 SID RWY 20 - 2                   | 15 MAY 2025 |
|              |             | LDLO AD 2.24.8 SID RNAV RWY 20 CAT A & B - 1    | 15 MAY 2025 |
|              |             | LDLO AD 2.24.8 SID RNAV RWY 20 CAT A & B - 2    | 15 MAY 2025 |
|              |             | LDLO AD 2.24.10 STAR RWY 02/20 - 1              | 15 MAY 2025 |
|              |             | LDLO AD 2.24.10 STAR RWY 02/20 - 2              | 15 MAY 2025 |
|              |             | LDLO AD 2.24.10 STAR RNAV RWY 02 CAT A & B - 1  | 15 MAY 2025 |
|              |             | LDLO AD 2.24.10 STAR RNAV RWY 02 CAT A & B - 2  | 15 MAY 2025 |
|              |             | LDLO AD 2.24.10 STAR RNAV RWY 20 CAT A & B - 1  | 15 MAY 2025 |
|              |             | LDLO AD 2.24.10 STAR RNAV RWY 20 CAT A & B - 2  | 15 MAY 2025 |
|              |             | LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A&B - 1 | 15 MAY 2025 |

**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 |
| AD 0.3 - 2                    | 08 MAR 2012 |
| AD 0.4 - 1                    | 08 MAR 2012 |
| AD 0.4 - 2                    | 08 MAR 2012 |
| AD 0.5 - 1                    | 08 MAR 2012 |
| AD 0.5 - 2                    | 08 MAR 2012 |
| AD 0.6 - 1                    | 02 OCT 2025 |
| AD 0.6 - 2                    | 02 OCT 2025 |
| AD 0.6 - 3                    | 02 OCT 2025 |
| AD 0.6 - 4                    | 02 OCT 2025 |
| AD 0.6 - 5                    | 02 OCT 2025 |
| AD 0.6 - 6                    | 02 OCT 2025 |
| AD 0.6 - 7                    | 02 OCT 2025 |
| AD 0.6 - 8                    | 02 OCT 2025 |
| AD 0.6 - 9                    | 02 OCT 2025 |
| AD 0.6 - 10                   | 02 OCT 2025 |
| AD 1.1 - 1                    | 13 JUL 2023 |
| AD 1.1 - 2                    | 23 JAN 2025 |
| AD 1.2 - 1                    | 08 AUG 2024 |
| AD 1.2 - 2                    | 13 JUL 2023 |
| AD 1.3 - 1                    | 10 JUL 2025 |
| AD 1.3 - 2                    | 10 JUL 2025 |
| AD 1.4 - 1                    | 13 JUL 2023 |
| AD 1.4 - 2                    | 08 MAR 2012 |
| AD 1.5 - 1                    | 08 AUG 2024 |
| AD 1.5 - 2                    | 08 MAR 2012 |
| LDDU AD 2 - 1                 | 30 NOV 2023 |
| LDDU AD 2 - 2                 | 07 AUG 2025 |
| LDDU AD 2 - 3                 | 30 NOV 2023 |
| LDDU AD 2 - 4                 | 08 AUG 2024 |
| LDDU AD 2 - 5                 | 04 SEP 2025 |
| LDDU AD 2 - 6                 | 04 SEP 2025 |
| LDDU AD 2 - 7                 | 04 SEP 2025 |
| LDDU AD 2 - 8                 | 04 SEP 2025 |
| LDDU AD 2 - 9                 | 04 SEP 2025 |
| LDDU AD 2 - 10                | 04 SEP 2025 |
| LDDU AD 2 - 11                | 04 SEP 2025 |
| LDDU AD 2 - 12                | 04 SEP 2025 |
| LDDU AD 2 - 13                | 04 SEP 2025 |
| LDDU AD 2 - 14                | 04 SEP 2025 |
| LDDU AD 2 - 15                | 04 SEP 2025 |
| LDDU AD 2 - 16                | 04 SEP 2025 |
| LDDU AD 2 - 17                | 04 SEP 2025 |
| LDDU AD 2 - 18                | 04 SEP 2025 |
| LDDU AD 2 - 19                | 04 SEP 2025 |
| LDDU AD 2 - 20                | 04 SEP 2025 |
| LDDU AD 2 - 21                | 04 SEP 2025 |
| LDDU AD 2 - 22                | 04 SEP 2025 |
| LDDU AD 2 - 23                | 04 SEP 2025 |
| LDDU AD 2 - 24                | 04 SEP 2025 |
| LDDU AD 2 - 25                | 04 SEP 2025 |
| LDDU AD 2 - 26                | 04 SEP 2025 |
| LDDU AD 2 - 27                | 02 OCT 2025 |
| LDDU AD 2 - 28                | 04 SEP 2025 |
| LDDU AD 2 - 29                | 04 SEP 2025 |
| LDDU AD 2 - 30                | 04 SEP 2025 |
| LDDU AD 2 - 31                | 04 SEP 2025 |
| LDDU AD 2 - 32                | 04 SEP 2025 |
| LDDU AD 2 - 33                | 04 SEP 2025 |
| LDDU AD 2 - 34                | 04 SEP 2025 |
| LDDU AD 2.24.1 ADC - 1        | 21 MAY 2020 |
| LDDU AD 2.24.1 ADC - 2        | 21 MAY 2020 |
| LDDU AD 2.24.2 APDC - 1       | 13 JUN 2024 |
| LDDU AD 2.24.2 APDC - 2       | 13 JUN 2024 |
| LDDU AD 2.24.4 AOC RWY 11 - 1 | 20 FEB 2025 |
| LDDU AD 2.24.4 AOC RWY 29 - 1 | 28 NOV 2024 |
| LDDU AD 2.24.8 SID RWY 11 - 1 | 15 MAY 2025 |
| LDDU AD 2.24.8 SID RWY 11 - 2 | 15 MAY 2025 |

| Page                                                      | Date        | Page                                          | Date        |
|-----------------------------------------------------------|-------------|-----------------------------------------------|-------------|
| LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A&B - 2           | 15 MAY 2025 | LDPL AD 2 - 5                                 | 02 OCT 2025 |
| LDLO AD 2.24.12 IAC VOR RWY02 CAT A&B - 1                 | 15 MAY 2025 | LDPL AD 2 - 6                                 | 02 OCT 2025 |
| LDLO AD 2.24.12 IAC VOR RWY02 CAT A&B - 2                 | 15 MAY 2025 | LDPL AD 2 - 7                                 | 02 OCT 2025 |
| LDLO AD 2.24.12 IAC RNP RWY 02 - 1                        | 15 MAY 2025 | LDPL AD 2 - 8                                 | 02 OCT 2025 |
| LDLO AD 2.24.12 IAC RNP RWY 02 - 2                        | 15 MAY 2025 | LDPL AD 2 - 9                                 | 02 OCT 2025 |
| LDLO AD 2.24.12 IAC RNP RWY 02 - 3                        | 15 MAY 2025 | LDPL AD 2 - 10                                | 02 OCT 2025 |
| LDLO AD 2.24.12 IAC RNP RWY 02 - 4                        | 15 MAY 2025 | LDPL AD 2 - 11                                | 02 OCT 2025 |
| LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 1 | 15 MAY 2025 | LDPL AD 2 - 12                                | 02 OCT 2025 |
| LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 2 | 15 MAY 2025 | LDPL AD 2 - 13                                | 12 JUN 2025 |
| LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 3 | 15 MAY 2025 | LDPL AD 2 - 14                                | 12 JUN 2025 |
| LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 4 | 15 MAY 2025 | LDPL AD 2 - 15                                | 23 APR 2020 |
| LDLO AD 2.24.13 VOC - 1                                   | 15 MAY 2025 | LDPL AD 2 - 16                                | 23 APR 2020 |
| LDLO AD 2.24.13 VOC - 2                                   | 15 MAY 2025 | LDPL AD 2 - 17                                | 15 JUN 2023 |
| LDOS AD 2 - 1                                             | 30 NOV 2023 | LDPL AD 2 - 18                                | 28 DEC 2023 |
| LDOS AD 2 - 2                                             | 07 AUG 2025 | LDPL AD 2.24.1 ADC - 1                        | 10 JUL 2025 |
| LDOS AD 2 - 3                                             | 08 AUG 2024 | LDPL AD 2.24.1 ADC - 2                        | 10 JUL 2025 |
| LDOS AD 2 - 4                                             | 23 JAN 2025 | LDPL AD 2.24.2 APDC - 1                       | 20 MAR 2025 |
| LDOS AD 2 - 5                                             | 07 AUG 2025 | LDPL AD 2.24.2 APDC - 2                       | 20 MAR 2025 |
| LDOS AD 2 - 6                                             | 30 NOV 2023 | LDPL AD 2.24.4 AOC RWY 09/27 - 1              | 28 MAR 2019 |
| LDOS AD 2 - 7                                             | 12 JUN 2025 | LDPL AD 2.24.8 SID RWY 09 - 1                 | 15 MAY 2025 |
| LDOS AD 2 - 8                                             | 02 OCT 2025 | LDPL AD 2.24.8 SID RWY 09 - 2                 | 15 MAY 2025 |
| LDOS AD 2 - 9                                             | 18 APR 2024 | LDPL AD 2.24.8 SID RNAV RWY 09 - 1            | 15 MAY 2025 |
| LDOS AD 2 - 10                                            | 23 JAN 2025 | LDPL AD 2.24.8 SID RNAV RWY 09 - 2            | 15 MAY 2025 |
| LDOS AD 2 - 11                                            | 23 JAN 2025 | LDPL AD 2.24.8 SID RNAV RWY 09 - 3            | 15 MAY 2025 |
| LDOS AD 2 - 12                                            | 23 JAN 2025 | LDPL AD 2.24.8 SID RNAV RWY 09 - 4            | 15 MAY 2025 |
| LDOS AD 2 - 13                                            | 23 JAN 2025 | LDPL AD 2.24.8 SID RWY 27 - 1                 | 15 MAY 2025 |
| LDOS AD 2 - 14                                            | 13 JUN 2024 | LDPL AD 2.24.8 SID RWY 27 - 2                 | 15 MAY 2025 |
| LDOS AD 2 - 15                                            | 16 MAY 2024 | LDPL AD 2.24.8 SID RNAV RWY 27 - 1            | 15 MAY 2025 |
| LDOS AD 2 - 16                                            | 30 NOV 2023 | LDPL AD 2.24.8 SID RNAV RWY 27 - 2            | 15 MAY 2025 |
| LDOS AD 2.24.1 ADC - 1                                    | 23 JAN 2025 | LDPL AD 2.24.8 SID RNAV RWY 27 - 3            | 15 MAY 2025 |
| LDOS AD 2.24.1 ADC - 2                                    | 23 JAN 2025 | LDPL AD 2.24.8 SID RNAV RWY 27 - 4            | 15 MAY 2025 |
| LDOS AD 2.24.2 APDC - 1                                   | 18 APR 2024 | LDPL AD 2.24.10 STAR RWY 09 - 1               | 15 MAY 2025 |
| LDOS AD 2.24.2 APDC - 2                                   | 18 APR 2024 | LDPL AD 2.24.10 STAR RWY 09 - 2               | 15 MAY 2025 |
| LDOS AD 2.24.4 AOC RWY 11/29 - 1                          | 20 JUN 2019 | LDPL AD 2.24.10 STAR RNAV RWY 09 - 3          | 15 MAY 2025 |
| LDOS AD 2.24.8 SID RWY 11 - 1                             | 15 MAY 2025 | LDPL AD 2.24.10 STAR RNAV RWY 09 - 4          | 15 MAY 2025 |
| LDOS AD 2.24.8 SID RWY 11 - 2                             | 15 MAY 2025 | LDPL AD 2.24.10 STAR RNAV RWY 27 - 1          | 15 MAY 2025 |
| LDOS AD 2.24.8 SID RNP RWY 11 - 1                         | 15 MAY 2025 | LDPL AD 2.24.10 STAR RNAV RWY 27 - 2          | 15 MAY 2025 |
| LDOS AD 2.24.8 SID RNP RWY 11 - 2                         | 15 MAY 2025 | LDPL AD 2.24.10 STAR RNAV RWY 27 - 3          | 15 MAY 2025 |
| LDOS AD 2.24.8 SID RWY 29 - 1                             | 15 MAY 2025 | LDPL AD 2.24.10 STAR RNAV RWY 27 - 4          | 15 MAY 2025 |
| LDOS AD 2.24.8 SID RWY 29 - 2                             | 15 MAY 2025 | LDPL AD 2.24.11 ATCSMAC - 1                   | 15 MAY 2025 |
| LDOS AD 2.24.8 SID RNP RWY 29 - 1                         | 15 MAY 2025 | LDPL AD 2.24.11 ATCSMAC - 2                   | 15 MAY 2025 |
| LDOS AD 2.24.8 SID RNP RWY 29 - 2                         | 15 MAY 2025 | LDPL AD 2.24.12 IAC VOR RWY 09 - 1            | 15 MAY 2025 |
| LDOS AD 2.24.10 STAR RWY 11 - 1                           | 15 MAY 2025 | LDPL AD 2.24.12 IAC VOR RWY 09 - 2            | 15 MAY 2025 |
| LDOS AD 2.24.10 STAR RWY 11 - 2                           | 15 MAY 2025 | LDPL AD 2.24.12 IAC VOR RWY 27 - 1            | 15 MAY 2025 |
| LDOS AD 2.24.10 STAR RNP RWY 11 - 1                       | 15 MAY 2025 | LDPL AD 2.24.12 IAC VOR RWY 27 - 2            | 15 MAY 2025 |
| LDOS AD 2.24.10 STAR RNP RWY 11 - 2                       | 15 MAY 2025 | LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 - 1 | 15 MAY 2025 |
| LDOS AD 2.24.10 STAR RWY 29 - 1                           | 15 MAY 2025 | LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 - 2 | 15 MAY 2025 |
| LDOS AD 2.24.10 STAR RWY 29 - 2                           | 15 MAY 2025 | LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 - 1 | 15 MAY 2025 |
| LDOS AD 2.24.10 STAR RNP RWY 29 - 1                       | 15 MAY 2025 | LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 - 2 | 15 MAY 2025 |
| LDOS AD 2.24.10 STAR RNP RWY 29 - 2                       | 15 MAY 2025 | LDPL AD 2.24.12 IAC RNP RWY 09 - 1            | 15 MAY 2025 |
| LDOS AD 2.24.11 ATCSMAC - 1                               | 15 MAY 2025 | LDPL AD 2.24.12 IAC RNP RWY 09 - 2            | 15 MAY 2025 |
| LDOS AD 2.24.11 ATCSMAC - 2                               | 15 MAY 2025 | LDPL AD 2.24.12 IAC RNP RWY 09 - 3            | 15 MAY 2025 |
| LDOS AD 2.24.12 IAC L RWY 11 - 1                          | 15 MAY 2025 | LDPL AD 2.24.12 IAC RNP RWY 09 - 4            | 15 MAY 2025 |
| LDOS AD 2.24.12 IAC L RWY 11 - 2                          | 15 MAY 2025 | LDPL AD 2.24.12 IAC RNP RWY 27 - 1            | 15 MAY 2025 |
| LDOS AD 2.24.12 IAC ILS or LOC RWY 11 - 1                 | 15 MAY 2025 | LDPL AD 2.24.12 IAC RNP RWY 27 - 2            | 15 MAY 2025 |
| LDOS AD 2.24.12 IAC ILS or LOC RWY 11 - 2                 | 15 MAY 2025 | LDPL AD 2.24.12 IAC RNP RWY 27 - 3            | 15 MAY 2025 |
| LDOS AD 2.24.12 IAC NDB RWY 11 - 1                        | 15 MAY 2025 | LDPL AD 2.24.12 IAC RNP RWY 27 - 4            | 15 MAY 2025 |
| LDOS AD 2.24.12 IAC NDB RWY 11 - 2                        | 15 MAY 2025 | LDPL AD 2.24.13 VOC - 1                       | 15 MAY 2025 |
| LDOS AD 2.24.12 IAC NDB RWY 29 - 1                        | 15 MAY 2025 | LDPL AD 2.24.13 VOC - 2                       | 15 MAY 2025 |
| LDOS AD 2.24.12 IAC NDB RWY 29 - 2                        | 15 MAY 2025 | LDPL AD 2.24.14 BC - 1                        | 08 MAR 2012 |
| LDOS AD 2.24.12 IAC ILSx or LOCx RWY 29 CAT A&B - 1       | 15 MAY 2025 | LDPL AD 2.24.14 BC - 2                        | 08 MAR 2012 |
| LDOS AD 2.24.12 IAC ILSx or LOCx RWY 29 CAT A&B - 2       | 15 MAY 2025 | LDRI AD 2 - 1                                 | 07 AUG 2025 |
| LDOS AD 2.24.12 IAC ILSy or LOCy RWY 29 - 1               | 15 MAY 2025 | LDRI AD 2 - 2                                 | 17 APR 2025 |
| LDOS AD 2.24.12 IAC ILSy or LOCy RWY 29 - 2               | 15 MAY 2025 | LDRI AD 2 - 3                                 | 08 AUG 2024 |
| LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 - 1             | 15 MAY 2025 | LDRI AD 2 - 4                                 | 10 JUL 2025 |
| LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 - 2             | 15 MAY 2025 | LDRI AD 2 - 5                                 | 07 AUG 2025 |
| LDOS AD 2.24.12 IAC RNP RWY 11 - 1                        | 15 MAY 2025 | LDRI AD 2 - 6                                 | 08 AUG 2024 |
| LDOS AD 2.24.12 IAC RNP RWY 11 - 2                        | 15 MAY 2025 | LDRI AD 2 - 7                                 | 08 AUG 2024 |
| LDOS AD 2.24.12 IAC RNP RWY 11 - 3                        | 15 MAY 2025 | LDRI AD 2 - 8                                 | 02 OCT 2025 |
| LDOS AD 2.24.12 IAC RNP RWY 11 - 4                        | 15 MAY 2025 | LDRI AD 2 - 9                                 | 08 AUG 2024 |
| LDOS AD 2.24.12 IAC RNP-a RWY 29 - 1                      | 15 MAY 2025 | LDRI AD 2 - 10                                | 17 APR 2025 |
| LDOS AD 2.24.12 IAC RNP-a RWY 29 - 2                      | 15 MAY 2025 | LDRI AD 2 - 11                                | 08 AUG 2024 |
| LDOS AD 2.24.13 VOC - 1                                   | 15 MAY 2025 | LDRI AD 2 - 12                                | 08 AUG 2024 |
| LDOS AD 2.24.13 VOC - 2                                   | 15 MAY 2025 | LDRI AD 2 - 13                                | 15 MAY 2025 |
| LDPL AD 2 - 1                                             | 11 JUL 2024 | LDRI AD 2 - 14                                | 15 MAY 2025 |
| LDPL AD 2 - 2                                             | 02 OCT 2025 | LDRI AD 2 - 15                                | 15 MAY 2025 |
| LDPL AD 2 - 3                                             | 13 JUN 2024 | LDRI AD 2 - 16                                | 15 MAY 2025 |
| LDPL AD 2 - 4                                             | 10 JUL 2025 | LDRI AD 2.24.1 ADC - 1                        | 13 AUG 2020 |

| Page                                          | Date        | Page                                        | Date        |
|-----------------------------------------------|-------------|---------------------------------------------|-------------|
| LDRI AD 2.24.1 ADC - 2                        | 13 AUG 2020 | LDSB AD 2.24.12 IAC NDB RWY 21 - 2          | 15 MAY 2025 |
| LDRI AD 2.24.2 APDC - 1                       | 03 NOV 2022 | LDSB AD 2.24.12 IAC RNP RWY 03 - 1          | 15 MAY 2025 |
| LDRI AD 2.24.2 APDC - 2                       | 03 NOV 2022 | LDSB AD 2.24.12 IAC RNP RWY 03 - 2          | 15 MAY 2025 |
| LDRI AD 2.24.4 AOC RWY 14/32 - 1              | 28 MAR 2019 | LDSB AD 2.24.12 IAC RNP RWY 03 - 3          | 15 MAY 2025 |
| LDRI AD 2.24.8 SID RWY 14 - 1                 | 15 MAY 2025 | LDSB AD 2.24.12 IAC RNP RWY 03 - 4          | 15 MAY 2025 |
| LDRI AD 2.24.8 SID RWY 14 - 2                 | 15 MAY 2025 | LDSB AD 2.24.12 IAC RNP RWY 21 - 1          | 15 MAY 2025 |
| LDRI AD 2.24.8 SID RNAV RWY 14 - 1            | 15 MAY 2025 | LDSB AD 2.24.12 IAC RNP RWY 21 - 2          | 15 MAY 2025 |
| LDRI AD 2.24.8 SID RNAV RWY 14 - 2            | 15 MAY 2025 | LDSB AD 2.24.12 IAC RNP RWY 21 - 3          | 15 MAY 2025 |
| LDRI AD 2.24.8 SID RNAV RWY 14 - 3            | 15 MAY 2025 | LDSB AD 2.24.12 IAC RNP RWY 21 - 4          | 15 MAY 2025 |
| LDRI AD 2.24.8 SID RNAV RWY 14 - 4            | 15 MAY 2025 | LDSB AD 2.24.13 VOC - 1                     | 15 MAY 2025 |
| LDRI AD 2.24.8 SID RWY 32 - 1                 | 15 MAY 2025 | LDSB AD 2.24.13 VOC - 2                     | 15 MAY 2025 |
| LDRI AD 2.24.8 SID RWY 32 - 2                 | 15 MAY 2025 | LDSP AD 2 - 1                               | 08 AUG 2024 |
| LDRI AD 2.24.8 SID RNAV RWY 32 - 1            | 15 MAY 2025 | LDSP AD 2 - 2                               | 07 AUG 2025 |
| LDRI AD 2.24.8 SID RNAV RWY 32 - 2            | 15 MAY 2025 | LDSP AD 2 - 3                               | 08 AUG 2024 |
| LDRI AD 2.24.8 SID RNAV RWY 32 - 3            | 15 MAY 2025 | LDSP AD 2 - 4                               | 04 SEP 2025 |
| LDRI AD 2.24.8 SID RNAV RWY 32 - 4            | 15 MAY 2025 | LDSP AD 2 - 5                               | 20 FEB 2025 |
| LDRI AD 2.24.10 STAR RWY 14/32 - 1            | 15 MAY 2025 | LDSP AD 2 - 6                               | 20 FEB 2025 |
| LDRI AD 2.24.10 STAR RWY 14/32 - 2            | 15 MAY 2025 | LDSP AD 2 - 7                               | 20 FEB 2025 |
| LDRI AD 2.24.10 STAR RNAV RWY 14 - 1          | 15 MAY 2025 | LDSP AD 2 - 8                               | 20 FEB 2025 |
| LDRI AD 2.24.10 STAR RNAV RWY 14 - 2          | 15 MAY 2025 | LDSP AD 2 - 9                               | 20 FEB 2025 |
| LDRI AD 2.24.10 STAR RNAV RWY 32 - 1          | 15 MAY 2025 | LDSP AD 2 - 10                              | 20 FEB 2025 |
| LDRI AD 2.24.10 STAR RNAV RWY 32 - 2          | 15 MAY 2025 | LDSP AD 2 - 11                              | 20 FEB 2025 |
| LDRI AD 2.24.10 STAR RNAV RWY 32 - 3          | 15 MAY 2025 | LDSP AD 2 - 12                              | 20 FEB 2025 |
| LDRI AD 2.24.10 STAR RNAV RWY 32 - 4          | 15 MAY 2025 | LDSP AD 2 - 13                              | 20 FEB 2025 |
| LDRI AD 2.24.12 IAC VOR RWY 14 - 1            | 15 MAY 2025 | LDSP AD 2 - 14                              | 07 AUG 2025 |
| LDRI AD 2.24.12 IAC VOR RWY 14 - 2            | 15 MAY 2025 | LDSP AD 2 - 15                              | 16 MAY 2024 |
| LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 - 1 | 15 MAY 2025 | LDSP AD 2 - 16                              | 12 JUN 2025 |
| LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 - 2 | 15 MAY 2025 | LDSP AD 2 - 17                              | 02 OCT 2025 |
| LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 1 | 15 MAY 2025 | LDSP AD 2 - 18                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 2 | 15 MAY 2025 | LDSP AD 2 - 19                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 3 | 15 MAY 2025 | LDSP AD 2 - 20                              | 08 AUG 2024 |
| LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 4 | 15 MAY 2025 | LDSP AD 2 - 21                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC RNP RWY 14 - 1            | 15 MAY 2025 | LDSP AD 2 - 22                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC RNP RWY 14 - 2            | 15 MAY 2025 | LDSP AD 2 - 23                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC RNP RWY 14 - 3            | 15 MAY 2025 | LDSP AD 2 - 24                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC RNP RWY 14 - 4            | 15 MAY 2025 | LDSP AD 2 - 25                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC RNP RWY 32 - 1            | 15 MAY 2025 | LDSP AD 2 - 26                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC RNP RWY 32 - 2            | 15 MAY 2025 | LDSP AD 2 - 27                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC RNP RWY 32 - 3            | 15 MAY 2025 | LDSP AD 2 - 28                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC RNP RWY 32 - 4            | 15 MAY 2025 | LDSP AD 2 - 29                              | 08 AUG 2024 |
| LDRI AD 2.24.12 IAC VOR RWY 32 - 1            | 15 MAY 2025 | LDSP AD 2 - 30                              | 21 MAR 2024 |
| LDRI AD 2.24.12 IAC VOR RWY 32 - 2            | 15 MAY 2025 | LDSP AD 2.24.1 ADC - 1                      | 28 DEC 2023 |
| LDRI AD 2.24.13 VOC - 1                       | 15 MAY 2025 | LDSP AD 2.24.1 ADC - 2                      | 28 DEC 2023 |
| LDRI AD 2.24.13 VOC - 2                       | 15 MAY 2025 | LDSP AD 2.24.2 APDC - 1                     | 28 DEC 2023 |
| LDSB AD 2 - 1                                 | 18 APR 2024 | LDSP AD 2.24.2 APDC - 2                     | 28 DEC 2023 |
| LDSB AD 2 - 2                                 | 07 AUG 2025 | LDSP AD 2.24.4 AOC RWY 05 - 1               | 20 JUN 2019 |
| LDSB AD 2 - 3                                 | 07 AUG 2025 | LDSP AD 2.24.4 AOC RWY 23 - 1               | 20 JUN 2019 |
| LDSB AD 2 - 4                                 | 07 AUG 2025 | LDSP AD 2.24.8 SID RWY 05 - 1               | 15 MAY 2025 |
| LDSB AD 2 - 5                                 | 07 AUG 2025 | LDSP AD 2.24.8 SID RWY 05 - 2               | 15 MAY 2025 |
| LDSB AD 2 - 6                                 | 30 NOV 2023 | LDSP AD 2.24.8 SID RNAV RWY 05 - 1          | 15 MAY 2025 |
| LDSB AD 2 - 7                                 | 30 NOV 2023 | LDSP AD 2.24.8 SID RNAV RWY 05 - 2          | 15 MAY 2025 |
| LDSB AD 2 - 8                                 | 02 OCT 2025 | LDSP AD 2.24.8 SID RNAV RWY 05 - 3          | 15 MAY 2025 |
| LDSB AD 2 - 9                                 | 28 DEC 2023 | LDSP AD 2.24.8 SID RNAV RWY 05 - 4          | 15 MAY 2025 |
| LDSB AD 2 - 10                                | 20 MAY 2021 | LDSP AD 2.24.8 SID RWY 23 - 1               | 15 MAY 2025 |
| LDSB AD 2 - 11                                | 20 MAY 2021 | LDSP AD 2.24.8 SID RWY 23 - 2               | 15 MAY 2025 |
| LDSB AD 2 - 12                                | 08 AUG 2024 | LDSP AD 2.24.8 SID RNAV RWY 23 - 1          | 15 MAY 2025 |
| LDSB AD 2 - 13                                | 30 NOV 2023 | LDSP AD 2.24.8 SID RNAV RWY 23 - 2          | 15 MAY 2025 |
| LDSB AD 2 - 14                                | 07 SEP 2023 | LDSP AD 2.24.8 SID RNAV RWY 23 - 3          | 15 MAY 2025 |
| LDSB AD 2.24.1 ADC - 1                        | 07 SEP 2023 | LDSP AD 2.24.8 SID RNAV RWY 23 - 4          | 15 MAY 2025 |
| LDSB AD 2.24.1 ADC - 2                        | 07 SEP 2023 | LDSP AD 2.24.10 STAR RWY 05 - 1             | 15 MAY 2025 |
| LDSB AD 2.24.2 APDC - 1                       | 20 JUN 2019 | LDSP AD 2.24.10 STAR RWY 05 - 2             | 15 MAY 2025 |
| LDSB AD 2.24.2 APDC - 2                       | 20 JUN 2019 | LDSP AD 2.24.10 STAR RNAV RWY 05 - 1        | 15 MAY 2025 |
| LDSB AD 2.24.4 AOC RWY 03/21 - 1              | 20 MAY 2021 | LDSP AD 2.24.10 STAR RNAV RWY 05 - 2        | 15 MAY 2025 |
| LDSB AD 2.24.8 SID RWY 03 CAT A/B&C - 1       | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 05 - 3        | 15 MAY 2025 |
| LDSB AD 2.24.8 SID RWY 03 CAT A/B&C - 2       | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 05 - 4        | 15 MAY 2025 |
| LDSB AD 2.24.8 SID RNAV RWY 03 - 1            | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 05 - 5        | 15 MAY 2025 |
| LDSB AD 2.24.8 SID RNAV RWY 03 - 2            | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 05 - 6        | 15 MAY 2025 |
| LDSB AD 2.24.8 SID RWY 21 CAT A/B&C - 1       | 15 MAY 2025 | LDSP AD 2.24.10 STAR RWY 23 - 1             | 15 MAY 2025 |
| LDSB AD 2.24.8 SID RWY 21 CAT A/B&C - 2       | 15 MAY 2025 | LDSP AD 2.24.10 STAR RWY 23 - 2             | 15 MAY 2025 |
| LDSB AD 2.24.8 SID RNAV RWY 21 - 1            | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 23 - 1        | 15 MAY 2025 |
| LDSB AD 2.24.8 SID RNAV RWY 21 - 2            | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 23 - 2        | 15 MAY 2025 |
| LDSB AD 2.24.10 STAR RWY 03/21 CAT A/B&C - 1  | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 23 - 3        | 15 MAY 2025 |
| LDSB AD 2.24.10 STAR RWY 03/21 CAT A/B&C - 2  | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 23 - 4        | 15 MAY 2025 |
| LDSB AD 2.24.10 STAR RNAV RWY 03-21 - 1       | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 23 - 5        | 15 MAY 2025 |
| LDSB AD 2.24.10 STAR RNAV RWY 03-21 - 2       | 15 MAY 2025 | LDSP AD 2.24.10 STAR RNAV RWY 23 - 6        | 15 MAY 2025 |
| LDSB AD 2.24.12 IAC NDB RWY 03 - 1            | 15 MAY 2025 | LDSP AD 2.24.11 ATCSMAC - 1                 | 15 MAY 2025 |
| LDSB AD 2.24.12 IAC NDB RWY 03 - 2            | 15 MAY 2025 | LDSP AD 2.24.11 ATCSMAC - 2                 | 15 MAY 2025 |
| LDSB AD 2.24.12 IAC VOR-a RWY 03/21 - 1       | 15 MAY 2025 | LDSP AD 2.24.12 IAC NDB RWY 05 - 1          | 15 MAY 2025 |
| LDSB AD 2.24.12 IAC VOR-a RWY 03/21 - 2       | 15 MAY 2025 | LDSP AD 2.24.12 IAC NDB RWY 05 - 2          | 15 MAY 2025 |
| LDSB AD 2.24.12 IAC NDB-a RWY 21 - 1          | 15 MAY 2025 | LDSP AD 2.24.12 IAC ILSy or LOCy RWY 05 - 1 | 15 MAY 2025 |
| LDSB AD 2.24.12 IAC NDB-a RWY 21 - 2          | 15 MAY 2025 | LDSP AD 2.24.12 IAC ILSy or LOCy RWY 05 - 2 | 15 MAY 2025 |
| LDSB AD 2.24.12 IAC NDB RWY 21 - 1            | 15 MAY 2025 | LDSP AD 2.24.12 IAC ILSz or LOCz RWY 05 - 1 | 15 MAY 2025 |

| Page                                            | Date        | Page                                          | Date        |
|-------------------------------------------------|-------------|-----------------------------------------------|-------------|
| LDSP AD 2.24.12 IAC ILSz or LOCz RWY 05 - 2     | 15 MAY 2025 | LDZA AD 2.24.12 IAC ILS z or LOC z RWY 04 - 1 | 15 MAY 2025 |
| LDSP AD 2.24.12 IAC RNP Y RWY 05 - 1            | 15 MAY 2025 | LDZA AD 2.24.12 IAC ILS z or LOC z RWY 04 - 2 | 15 MAY 2025 |
| LDSP AD 2.24.12 IAC RNP Y RWY 05 - 2            | 15 MAY 2025 | LDZA AD 2.24.12 IAC L RWY 22 - 1              | 15 MAY 2025 |
| LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 1 | 15 MAY 2025 | LDZA AD 2.24.12 IAC L RWY 22 - 2              | 15 MAY 2025 |
| LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 2 | 15 MAY 2025 | LDZA AD 2.24.12 IAC ILS y or LOC y RWY 22 - 1 | 15 MAY 2025 |
| LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 3 | 15 MAY 2025 | LDZA AD 2.24.12 IAC ILS y or LOC y RWY 22 - 2 | 15 MAY 2025 |
| LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 4 | 15 MAY 2025 | LDZA AD 2.24.12 IAC ILS z or LOC z RWY 22 - 1 | 15 MAY 2025 |
| LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 1      | 15 MAY 2025 | LDZA AD 2.24.12 IAC ILS z or LOC z RWY 22 - 2 | 15 MAY 2025 |
| LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 2      | 15 MAY 2025 | LDZA AD 2.24.12 IAC RNP RWY 04 - 1            | 04 SEP 2025 |
| LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 3      | 15 MAY 2025 | LDZA AD 2.24.12 IAC RNP RWY 04 - 2            | 04 SEP 2025 |
| LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 4      | 15 MAY 2025 | LDZA AD 2.24.12 IAC RNP RWY 04 - 3            | 04 SEP 2025 |
| LDSP AD 2.24.12 IAC VOR-b RWY 23 - 1            | 15 MAY 2025 | LDZA AD 2.24.12 IAC RNP RWY 04 - 4            | 04 SEP 2025 |
| LDSP AD 2.24.12 IAC VOR-b RWY 23 - 2            | 15 MAY 2025 | LDZA AD 2.24.12 IAC RNP RWY 22 - 1            | 15 MAY 2025 |
| LDSP AD 2.24.13 VAC RWY 23 - 1                  | 15 MAY 2025 | LDZA AD 2.24.12 IAC RNP RWY 22 - 2            | 15 MAY 2025 |
| LDSP AD 2.24.13 VAC RWY 23 - 2                  | 15 MAY 2025 | LDZA AD 2.24.12 IAC RNP RWY 22 - 3            | 15 MAY 2025 |
| LDSP AD 2.24.13 VOC - 1                         | 15 MAY 2025 | LDZA AD 2.24.12 IAC RNP RWY 22 - 4            | 15 MAY 2025 |
| LDSP AD 2.24.13 VOC - 2                         | 15 MAY 2025 | LDZA AD 2.24.13 VOC - 1                       | 15 MAY 2025 |
| LDSP AD 2.24.14 BC - 1                          | 08 MAR 2012 | LDZA AD 2.24.13 VOC - 2                       | 15 MAY 2025 |
| LDSP AD 2.24.14 BC - 2                          | 08 MAR 2012 | LDZA AD 2.24.14 BC - 1                        | 23 APR 2020 |
| LDZA AD 2 - 1                                   | 30 NOV 2023 | LDZA AD 2.24.14 BC - 2                        | 23 APR 2020 |
| LDZA AD 2 - 2                                   | 07 AUG 2025 | LDZD AD 2 - 1                                 | 30 NOV 2023 |
| LDZA AD 2 - 3                                   | 30 NOV 2023 | LDZD AD 2 - 2                                 | 07 AUG 2025 |
| LDZA AD 2 - 4                                   | 03 OCT 2024 | LDZD AD 2 - 3                                 | 07 AUG 2025 |
| LDZA AD 2 - 5                                   | 27 FEB 2020 | LDZD AD 2 - 4                                 | 07 AUG 2025 |
| LDZA AD 2 - 6                                   | 02 OCT 2025 | LDZD AD 2 - 5                                 | 23 JAN 2025 |
| LDZA AD 2 - 7                                   | 07 AUG 2025 | LDZD AD 2 - 6                                 | 07 AUG 2025 |
| LDZA AD 2 - 8                                   | 08 AUG 2024 | LDZD AD 2 - 7                                 | 30 NOV 2023 |
| LDZA AD 2 - 9                                   | 08 AUG 2024 | LDZD AD 2 - 8                                 | 30 NOV 2023 |
| LDZA AD 2 - 10                                  | 05 SEP 2024 | LDZD AD 2 - 9                                 | 02 OCT 2025 |
| LDZA AD 2 - 11                                  | 02 OCT 2025 | LDZD AD 2 - 10                                | 25 JAN 2024 |
| LDZA AD 2 - 12                                  | 05 SEP 2024 | LDZD AD 2 - 11                                | 02 OCT 2025 |
| LDZA AD 2 - 13                                  | 05 SEP 2024 | LDZD AD 2 - 12                                | 13 JUN 2024 |
| LDZA AD 2 - 14                                  | 05 SEP 2024 | LDZD AD 2 - 13                                | 13 JUN 2024 |
| LDZA AD 2 - 15                                  | 05 SEP 2024 | LDZD AD 2 - 14                                | 13 JUN 2024 |
| LDZA AD 2 - 16                                  | 05 SEP 2024 | LDZD AD 2 - 15                                | 13 JUN 2024 |
| LDZA AD 2 - 17                                  | 05 SEP 2024 | LDZD AD 2 - 16                                | 15 MAY 2025 |
| LDZA AD 2 - 18                                  | 05 SEP 2024 | LDZD AD 2 - 17                                | 02 OCT 2025 |
| LDZA AD 2 - 19                                  | 05 SEP 2024 | LDZD AD 2 - 18                                | 02 OCT 2025 |
| LDZA AD 2 - 20                                  | 05 SEP 2024 | LDZD AD 2.24.1 ADC - 1                        | 23 MAY 2019 |
| LDZA AD 2 - 21                                  | 05 SEP 2024 | LDZD AD 2.24.1 ADC - 2                        | 23 MAY 2019 |
| LDZA AD 2 - 22                                  | 05 SEP 2024 | LDZD AD 2.24.2 APDC - 1                       | 12 JUN 2025 |
| LDZA AD 2 - 23                                  | 05 SEP 2024 | LDZD AD 2.24.2 APDC - 2                       | 12 JUN 2025 |
| LDZA AD 2 - 24                                  | 05 SEP 2024 | LDZD AD 2.24.4 AOC RWY 04/22 - 1              | 05 OCT 2023 |
| LDZA AD 2.24.1 ADC - 1                          | 28 NOV 2024 | LDZD AD 2.24.4 AOC RWY 13/31 - 1              | 05 OCT 2023 |
| LDZA AD 2.24.1 ADC - 2                          | 28 NOV 2024 | LDZD AD 2.24.8 SID RWY 04 - 1                 | 02 OCT 2025 |
| LDZA AD 2.24.2 APDC EAST - 1                    | 06 OCT 2022 | LDZD AD 2.24.8 SID RWY 04 - 2                 | 02 OCT 2025 |
| LDZA AD 2.24.2 APDC EAST - 2                    | 06 OCT 2022 | LDZD AD 2.24.8 SID RNAV RWY 04 - 1            | 15 MAY 2025 |
| LDZA AD 2.24.2 APDC WEST - 1                    | 17 APR 2025 | LDZD AD 2.24.8 SID RNAV RWY 04 - 2            | 15 MAY 2025 |
| LDZA AD 2.24.2 APDC WEST - 2                    | 17 APR 2025 | LDZD AD 2.24.8 SID RNAV RWY 04 - 3            | 15 MAY 2025 |
| LDZA AD 2.24.4 AOC RWY 04/22 - 1                | 02 OCT 2025 | LDZD AD 2.24.8 SID RNAV RWY 04 - 4            | 15 MAY 2025 |
| LDZA AD 2.24.6 PATC RWY 04 - 1                  | 26 MAR 2020 | LDZD AD 2.24.8 SID RWY 13 - 1                 | 02 OCT 2025 |
| LDZA AD 2.24.6 PATC RWY 04 - 2                  | 26 MAR 2020 | LDZD AD 2.24.8 SID RWY 13 - 2                 | 02 OCT 2025 |
| LDZA AD 2.24.8 SID RWY 04 - 1                   | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 13 - 1            | 15 MAY 2025 |
| LDZA AD 2.24.8 SID RWY 04 - 2                   | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 13 - 2            | 15 MAY 2025 |
| LDZA AD 2.24.8 SID RNAV RWY 04 - 1              | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 13 - 3            | 15 MAY 2025 |
| LDZA AD 2.24.8 SID RNAV RWY 04 - 2              | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 13 - 4            | 15 MAY 2025 |
| LDZA AD 2.24.8 SID RNAV RWY 04 - 3              | 15 MAY 2025 | LDZD AD 2.24.8 SID RWY 22 - 1                 | 02 OCT 2025 |
| LDZA AD 2.24.8 SID RNAV RWY 04 - 4              | 15 MAY 2025 | LDZD AD 2.24.8 SID RWY 22 - 2                 | 02 OCT 2025 |
| LDZA AD 2.24.8 SID RWY 22 - 1                   | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 22 - 1            | 15 MAY 2025 |
| LDZA AD 2.24.8 SID RWY 22 - 2                   | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 22 - 2            | 15 MAY 2025 |
| LDZA AD 2.24.8 SID RNAV RWY 22 - 1              | 15 MAY 2025 | LDZD AD 2.24.8 SID RWY 31 - 1                 | 02 OCT 2025 |
| LDZA AD 2.24.8 SID RNAV RWY 22 - 2              | 15 MAY 2025 | LDZD AD 2.24.8 SID RWY 31 - 2                 | 02 OCT 2025 |
| LDZA AD 2.24.8 SID RNAV RWY 22 - 3              | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 31 - 1            | 15 MAY 2025 |
| LDZA AD 2.24.8 SID RNAV RWY 22 - 4              | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 31 - 2            | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RWY 04 - 1                 | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 31 - 3            | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RWY 04 - 2                 | 15 MAY 2025 | LDZD AD 2.24.8 SID RNAV RWY 31 - 4            | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RNAV RWY 04 - 1            | 15 MAY 2025 | LDZD AD 2.24.10 STAR RWY 04 & 13/31 - 1       | 02 OCT 2025 |
| LDZA AD 2.24.10 STAR RNAV RWY 04 - 2            | 15 MAY 2025 | LDZD AD 2.24.10 STAR RWY 04 & 13/31 - 2       | 02 OCT 2025 |
| LDZA AD 2.24.10 STAR RNAV RWY 04 - 3            | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 04 - 1          | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RNAV RWY 04 - 4            | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 04 - 2          | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RWY 22 - 1                 | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 04 - 3          | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RWY 22 - 2                 | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 04 - 4          | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RNAV RWY 22 - 1            | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 13 - 1          | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RNAV RWY 22 - 2            | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 13 - 2          | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RNAV RWY 22 - 3            | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 13 - 3          | 15 MAY 2025 |
| LDZA AD 2.24.10 STAR RNAV RWY 22 - 4            | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 13 - 4          | 15 MAY 2025 |
| LDZA AD 2.24.11 ATCSMAC - 1                     | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 31 - 1          | 15 MAY 2025 |
| LDZA AD 2.24.11 ATCSMAC - 2                     | 15 MAY 2025 | LDZD AD 2.24.10 STAR RNAV RWY 31 - 2          | 15 MAY 2025 |
| LDZA AD 2.24.12 IAC L RWY 04 - 1                | 04 SEP 2025 | LDZD AD 2.24.10 STAR RNAV RWY 31 - 3          | 15 MAY 2025 |
| LDZA AD 2.24.12 IAC L RWY 04 - 2                | 04 SEP 2025 | LDZD AD 2.24.10 STAR RNAV RWY 31 - 4          | 15 MAY 2025 |
| LDZA AD 2.24.12 IAC ILS y or LOC y RWY 04 - 1   | 04 SEP 2025 | LDZD AD 2.24.11 ATCSMAC - 1                   | 02 OCT 2025 |
| LDZA AD 2.24.12 IAC ILS y or LOC y RWY 04 - 2   | 04 SEP 2025 | LDZD AD 2.24.11 ATCSMAC - 2                   | 02 OCT 2025 |

| Page                                      | Date        | Page | Date |
|-------------------------------------------|-------------|------|------|
| LDZD AD 2.24.12 IAC VOR RWY 04 - 1        | 02 OCT 2025 |      |      |
| LDZD AD 2.24.12 IAC VOR RWY 04 - 2        | 02 OCT 2025 |      |      |
| LDZD AD 2.24.12 IAC VOR RWY 13 - 1        | 02 OCT 2025 |      |      |
| LDZD AD 2.24.12 IAC VOR RWY 13 - 2        | 02 OCT 2025 |      |      |
| LDZD AD 2.24.12 IAC ILS or LOC RWY 13 - 1 | 02 OCT 2025 |      |      |
| LDZD AD 2.24.12 IAC ILS or LOC RWY 13 - 2 | 02 OCT 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP RWY 04 - 1        | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP RWY 04 - 2        | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP RWY 04 - 3        | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP RWY 04 - 4        | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP Y RWY 13 - 1      | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP Y RWY 13 - 2      | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP Y RWY 13 - 3      | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP Y RWY 13 - 4      | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP Z RWY 13 - 1      | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP Z RWY 13 - 2      | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP Z RWY 13 - 3      | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP Z RWY 13 - 4      | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP RWY 31 - 1        | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP RWY 31 - 2        | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP RWY 31 - 3        | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC RNP RWY 31 - 4        | 15 MAY 2025 |      |      |
| LDZD AD 2.24.12 IAC VOR RWY 31 - 1        | 02 OCT 2025 |      |      |
| LDZD AD 2.24.12 IAC VOR RWY 31 - 2        | 02 OCT 2025 |      |      |
| LDZD AD 2.24.13 VOC - 1                   | 02 OCT 2025 |      |      |
| LDZD AD 2.24.13 VOC - 2                   | 02 OCT 2025 |      |      |

THIS PAGE INTENTIONALLY LEFT BLANK

| AIP page(s) affected                                                              | Amendment text                                                                                                                                                                                                                                               | Introduced by<br>AIP AMDT<br>number:        |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 1                                                                                 | 2                                                                                                                                                                                                                                                            | 3                                           |
| LDDU AD 2.24.2 APDC -1                                                            | PRKG PSN G11 completely withdrawn.                                                                                                                                                                                                                           | AIRAC AIP AMDT<br>008/2025<br>(04 SEP 2025) |
| LDDU AD 2.16<br>LDDU AD 2.24.2 APDC -1                                            | New HEL PRKG PSN H11 installed for HEMS use only:<br>- COORD 423325.22N 0181617.74E<br>- MAX radius 14.1 M<br>- turning while hovering forbidden on H11<br>- H11 using new HEL hangar, S of H11<br>- HEL tow tractor used for MOV of HEL BTN hangar and H11. | AIRAC AIP AMDT<br>008/2025<br>(04 SEP 2025) |
| LDPL AD 2.24.11 ATCSMAC -1<br>LDSP AD 2.24.11 ATCSMAC -1<br>LDZD AD 2.24.1 ADC -1 | Radio navigation aid ZK L withdrawn.                                                                                                                                                                                                                         | AIRAC AIP AMDT<br>009/2025<br>(02 OCT 2025) |

THIS PAGE INTENTIONALLY LEFT BLANK

**GEN 2.5 LIST OF RADIO NAVIGATION AIDS**

| DECODE |                                |         |         |
|--------|--------------------------------|---------|---------|
| ID     | Station name                   | Aid     | Purpose |
| BO     | BOKANJAC                       | L       | A       |
| BRC    | BRAC                           | DME     | AE      |
| BRZ    | BREZA                          | NDB     | A       |
| CE     | CEPIN                          | L       | AE      |
| CRE    | CRES                           | NDB     | AE      |
| DBK    | DUBROVNIK                      | VOR/DME | AE      |
| DVN    | DRVENIK                        | NDB     | A       |
| HUM    | BRAC                           | NDB     | A       |
| IDU    | DUBROVNIK                      | DME     | A       |
| IDU    | DUBROVNIK /<br>RUDJER BOSKOVIC | LOC 11  | A       |
| IKR    | RIJEKA / KRK I                 | LOC 14  | A       |
| IOS    | OSIJEK / KLISA                 | LOC 29  | A       |
| IPU    | PULA                           | LOC 27  | A       |
| ISJ    | OSIJEK                         | DME     | A       |
| ISJ    | OSIJEK                         | LOC 11  | A       |
| IST    | SPLIT                          | DME     | AE      |
| IST    | SPLIT / SAINT<br>JEROME        | LOC 05  | A       |
| IZA    | ZAGREB                         | DME     | A       |
| IZA    | ZAGREB / FRANJO<br>TUDJMAN     | LOC 04  | A       |
| IZD    | ZADAR / ZEMUNIK                | LOC 13  | A       |
| IZG    | ZAGREB / FRANJO<br>TUDJMAN     | LOC 22  | A       |
| JAP    | JAPETIC                        | DME     | AE      |
| KAV    | KAVRAN                         | NDB     | A       |
| KLP    | KOLOCEP                        | NDB     | A       |
| KLS    | OSIJEK                         | DME     | AE      |
| LOS    | LOSINJ                         | NDB     | AE      |
| LSJ    | LOSINJ                         | DME     | AE      |
| LUK    | LUKAVEC                        | DME     | AE      |
| NTL    | LOSINJ                         | VOR/DME | AE      |

| ENCODE                         |         |     |         |
|--------------------------------|---------|-----|---------|
| Station name                   | Aid     | ID  | Purpose |
| BARNA                          | VOR/DME | VBA | AE      |
| BOKANJAC                       | L       | BO  | A       |
| BRAC                           | DME     | BRC | AE      |
| BRAC                           | NDB     | HUM | A       |
| BREZA                          | NDB     | BRZ | A       |
| CEPIN                          | L       | CE  | AE      |
| CRES                           | NDB     | CRE | AE      |
| DRVENIK                        | NDB     | DVN | A       |
| DUBROVNIK                      | DME     | IDU | A       |
| DUBROVNIK                      | VOR/DME | DBK | AE      |
| DUBROVNIK /<br>RUDJER BOSKOVIC | LOC 11  | IDU | A       |
| JAPETIC                        | DME     | JAP | AE      |
| KAKMA                          | NDB     | ZRA | A       |
| KAVRAN                         | NDB     | KAV | A       |
| KOLOCEP                        | NDB     | KLP | A       |
| LOSINJ                         | DME     | LSJ | AE      |
| LOSINJ                         | NDB     | LOS | AE      |
| LOSINJ                         | VOR/DME | NTL | AE      |
| LUKAVEC                        | DME     | LUK | AE      |
| OSIJEK                         | DME     | ISJ | A       |
| OSIJEK                         | DME     | KLS | AE      |
| OSIJEK                         | LOC 11  | ISJ | A       |
| OSIJEK                         | NDB     | OSJ | A       |
| OSIJEK / KLISA                 | LOC 29  | IOS | A       |
| PISAROVINA                     | NDB     | PIS | AE      |
| PETROVA GORA                   | DME     | PTG | AE      |
| PULA                           | LOC 27  | IPU | A       |
| PULA                           | NDB     | PLA | A       |
| PULA                           | VOR/DME | PUL | AE      |

| DECODE |               |         |         |
|--------|---------------|---------|---------|
| ID     | Station name  | Aid     | Purpose |
| OSJ    | OSIJEK        | NDB     | A       |
| PIS    | PISAROVINA    | NDB     | AE      |
| PLA    | PULA          | NDB     | A       |
| PTG    | PETROVA GORA  | DME     | AE      |
| PUL    | PULA          | VOR/DME | AE      |
| RI     | RIJEKA        | L       | A       |
| RJK    | RIJEKA        | VOR/DME | AE      |
| SAL    | SALI          | NDB     | AE      |
| SK     | S.KRALJEVEC   | L       | A       |
| SPL    | SPLIT         | VOR/DME | AE      |
| TNJ    | TOUNJ         | NDB     | E       |
| TRI    | TROGIR        | NDB     | A       |
| VBA    | BARNA         | VOR/DME | AE      |
| VG     | VELIKA GORICA | L       | A       |
| ZAG    | ZAGREB        | VOR/DME | AE      |
| ZDA    | ZADAR         | VOR/DME | AE      |
| ZRA    | KAKMA         | NDB     | A       |

| ENCODE                  |         |     |         |
|-------------------------|---------|-----|---------|
| Station name            | Aid     | ID  | Purpose |
| RIJEKA                  | L       | RI  | A       |
| RIJEKA                  | VOR/DME | RJK | AE      |
| RIJEKA / KRK I          | LOC 14  | IKR | A       |
| S.KRALJEVEC             | L       | SK  | A       |
| SALI                    | NDB     | SAL | AE      |
| SPLIT                   | VOR/DME | SPL | AE      |
| SPLIT                   | DME     | IST | AE      |
| SPLIT / SAINT JEROME    | LOC 05  | IST | A       |
| TOUNJ                   | NDB     | TNJ | E       |
| TROGIR                  | NDB     | TRI | A       |
| VELIKA GORICA           | L       | VG  | A       |
| ZADAR                   | VOR/DME | ZDA | AE      |
| ZADAR / ZEMUNIK         | LOC 13  | IZD | A       |
| ZAGREB                  | DME     | IZA | A       |
| ZAGREB                  | VOR/DME | ZAG | AE      |
| ZAGREB / FRANJO TUDJMAN | LOC 04  | IZA | A       |
| ZAGREB / FRANJO TUDJMAN | LOC 22  | IZG | A       |

**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<br>TYPE C/RED                                |
| BORINCI                                                                                                            | ANTENNA MAST                                                                                                 | 451814N 0184426E                                                                                                                                                          | 898FT / 562FT                                                                                                           | MEDIUM-INTENSITY<br>TYPE C/RED                                |
| CIKOLA_ZIPLINE<br>CIKOLA_P1<br>CIKOLA_P1_P2<br>CIKOLA_P2<br>CIKOLA_P2_P3<br>CIKOLA_P3<br>CIKOLA_P3_P4<br>CIKOLA_P4 | ZIPLINE:<br>ANCHOR POINT<br>CATENARY<br>ANCHOR POINT<br>CATENARY<br>ANCHOR POINT<br>CATENARY<br>ANCHOR POINT | 435025N 0160305E<br>DIST BTN P1 and P2 is 507 M<br>435015N 0160322E<br>DIST BTN P2 and P3 is 650 M<br>435021N 0160255E<br>DIST BTN P3 and P4 is 250 M<br>435016N 0160303E | 768FT / NIL<br>MAX HGT 394FT AGL<br>640FT / NIL<br>MAX HGT 230FT AGL<br>463FT / NIL<br>MAX HGT 99FT AGL<br>407 FT / NIL | ICAO MARKED,<br>NOT LIGHTED                                   |
| JOSIPOVAC                                                                                                          | ANTENNA MAST                                                                                                 | 453332N 0183515E                                                                                                                                                          | 656FT / 362FT                                                                                                           | NIL/RED                                                       |
| MS VISOKA                                                                                                          | WIND SPEED<br>MEASURING<br>PILLAR                                                                            | 434055N 0163617E                                                                                                                                                          | 3272FT / 361FT                                                                                                          | NIL                                                           |
| PSUNJ                                                                                                              | ANTENNA MAST                                                                                                 | 452308N 0171956E                                                                                                                                                          | 3645FT / 417FT                                                                                                          | NIL/RED                                                       |
| RIJEKA GATEWAY<br>(AREA)<br>A1<br>A2<br>A3<br>A4<br>A1                                                             | CRANE                                                                                                        | 451947.5N 0142458.9E -<br>451942.5N 0142515.9E -<br>451948.4N 0142519.3E -<br>451953.3N 0142502.3E -<br>451947.5N 0142458.9E                                              | 466FT / 453FT                                                                                                           | MEDIUM-INTENSITY<br>TYPE B/RED<br>FLASHING                    |
| TOPLANA<br>FOLNEGOVICEVO                                                                                           | CHIMNEY                                                                                                      | 454652N 0160100E                                                                                                                                                          | 1038FT / Nil                                                                                                            | MEDIUM-INTENSITY<br>TYPE C/RED<br>LOW-INTENSITY<br>TYPE B/RED |
| TOPLANA OSIJEK                                                                                                     | CHIMNEY                                                                                                      | 453232N 0184444E                                                                                                                                                          | 689FT / 393FT                                                                                                           | MEDIUM-INTENSITY<br>TYPE B/RED<br>LOW-INTENSITY<br>TYPE B/RED |
| TOPLANA<br>TRESNJEVKA                                                                                              | CHIMNEY                                                                                                      | 454822N 0155659E                                                                                                                                                          | 1044FT / Nil                                                                                                            | NIL/RED                                                       |
| TORANJ SLJEME                                                                                                      | ANTENNA MAST                                                                                                 | 455358N 0155653E                                                                                                                                                          | 3929FT / 561FT                                                                                                          | MEDIUM-INTENSITY<br>TYPE C/RED                                |

| Designation  | Type of obstacle | Coordinates      | ELEV/HGT GND   | OBST LGT<br>Type/Colour                                               |
|--------------|------------------|------------------|----------------|-----------------------------------------------------------------------|
| 1            | 2                | 3                | 4              | 5                                                                     |
| VA4 (BRUVNO) | WINDMILL         | 442501N 0155354E | 3124FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA1 (OPOR)   | WINDMILL         | 433543N 0161556E | 2281FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA2 (OPOR)   | WINDMILL         | 433541N 0161612E | 2427FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA3 (OPOR)   | WINDMILL         | 433534N 0161629E | 2505FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA4 (OPOR)   | WINDMILL         | 433527N 0161654E | 2584FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA5 (OPOR)   | WINDMILL         | 433518N 0161711E | 2620FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA6 (OPOR)   | WINDMILL         | 433509N 0161729E | 2689FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA7 (BRUVNO) | WINDMILL         | 442459N 0155410E | 3126FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |

| Designation   | Type of obstacle | Coordinates      | ELEV/HGT GND   | OBST LGT<br>Type/Colour                                               |
|---------------|------------------|------------------|----------------|-----------------------------------------------------------------------|
| 1             | 2                | 3                | 4              | 5                                                                     |
| VA10 (BRUVNO) | WINDMILL         | 442512N 0155438E | 3062FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA11 (BRUVNO) | WINDMILL         | 442441N 0155421E | 3087FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA12 (BRUVNO) | WINDMILL         | 442453N 0155440E | 3085FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA13 (BRUVNO) | WINDMILL         | 442502N 0155458E | 3083FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA14 (BRUVNO) | WINDMILL         | 442424N 0155412E | 3152FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA15 (BRUVNO) | WINDMILL         | 442429N 0155430E | 3054FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA16 (BRUVNO) | WINDMILL         | 442431N 0155456E | 3100FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |
| VA17 (BRUVNO) | WINDMILL         | 442444N 0155458E | 3093FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE E/RED |

| Designation    | Type of obstacle | Coordinates      | ELEV/HGT GND   | OBST LGT<br>Type/Colour                                               |
|----------------|------------------|------------------|----------------|-----------------------------------------------------------------------|
| 1              | 2                | 3                | 4              | 5                                                                     |
| VA11 (VE ZD2P) | WINDMILL         | 440551N 0154346E | 2596FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA12 (VE ZD2P) | WINDMILL         | 440604N 0154323E | 2550FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA13 (VE ZD2P) | WINDMILL         | 440529N 0154440E | 2475FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA14 (VE ZD2P) | WINDMILL         | 440516N 0154441E | 2543FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA21 (VE ZD2P) | WINDMILL         | 440739N 0154129E | 2714FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA22 (VE ZD2P) | WINDMILL         | 440723N 0154146E | 2636FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA23 (VE ZD2P) | WINDMILL         | 440715N 0154153E | 2737FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA24 (VE ZD2P) | WINDMILL         | 440521N 0154424E | 2647FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |

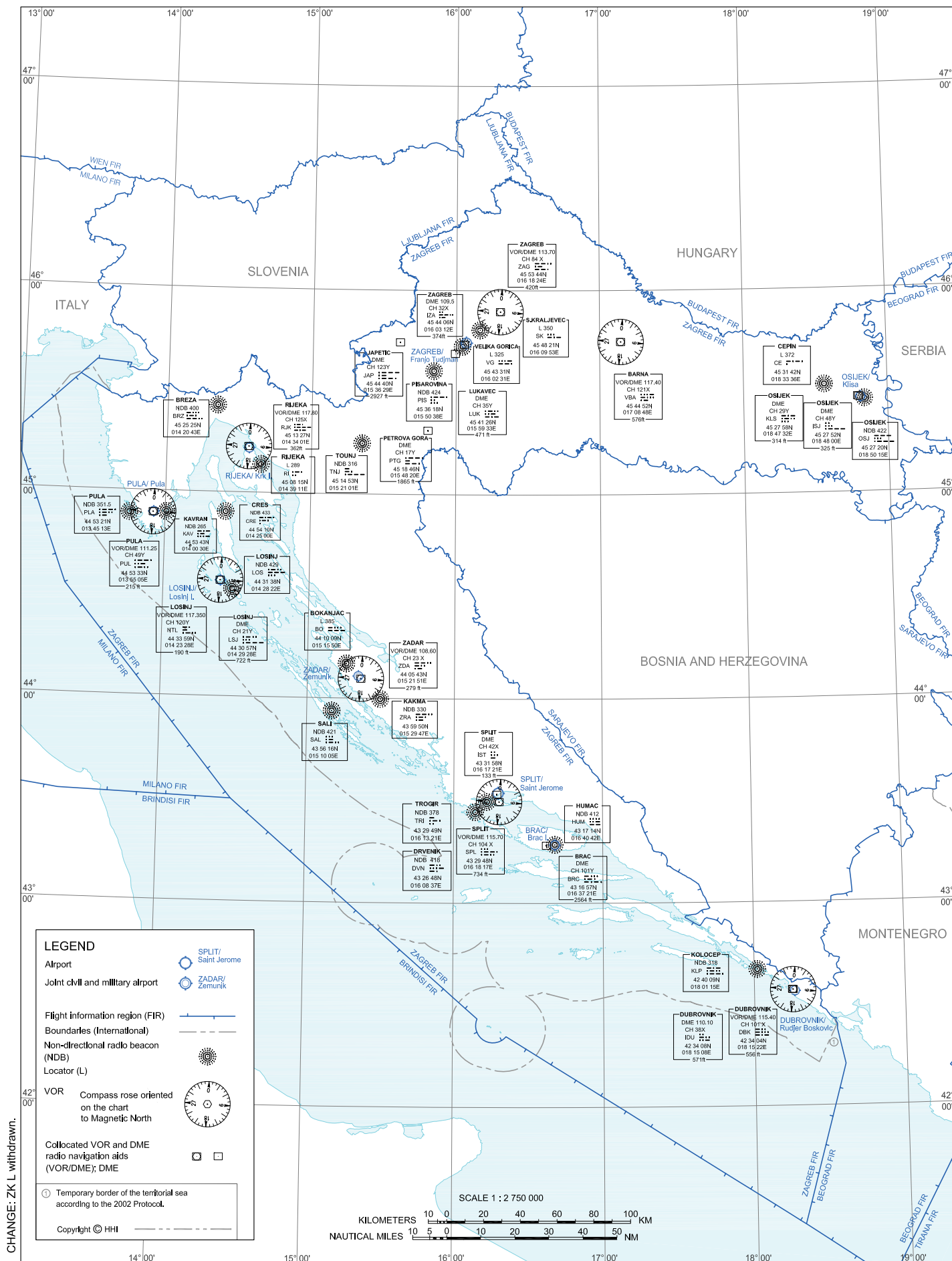
| Designation    | Type of obstacle | Coordinates      | ELEV/HGT GND   | OBST LGT<br>Type/Colour                                               |
|----------------|------------------|------------------|----------------|-----------------------------------------------------------------------|
| 1              | 2                | 3                | 4              | 5                                                                     |
| VA31 (VE ZD2P) | WINDMILL         | 440705N 0154218E | 2650FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA32 (VE ZD2P) | WINDMILL         | 440648N 0154230E | 2550FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA33 (VE ZD2P) | WINDMILL         | 440640N 0154246E | 2576FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA35 (VE ZD2P) | WINDMILL         | 440729N 0154135E | 2610FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA36 (VE ZD2P) | WINDMILL         | 440554N 0154402E | 2515FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA37 (VE ZD2P) | WINDMILL         | 440549N 0154419E | 2438FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA38 (VE ZD2P) | WINDMILL         | 440539N 0154432E | 2489FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA11 (VE ZD3P) | WINDMILL         | 440359N 0154555E | 2334FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |

| Designation    | Type of obstacle | Coordinates      | ELEV/HGT GND   | OBST LGT<br>Type/Colour                                               |
|----------------|------------------|------------------|----------------|-----------------------------------------------------------------------|
| 1              | 2                | 3                | 4              | 5                                                                     |
| VA12 (VE ZD3P) | WINDMILL         | 440422N 0154542E | 2334FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA13 (VE ZD3P) | WINDMILL         | 440355N 0154642E | 2073FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA14 (VE ZD3P) | WINDMILL         | 440408N 0154714E | 1969FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA15 (VE ZD3P) | WINDMILL         | 440331N 0154801E | 2153FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA21 (VE ZD3P) | WINDMILL         | 440432N 0154539E | 2314FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA22 (VE ZD3P) | WINDMILL         | 440329N 0154717E | 1930FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA23 (VE ZD3P) | WINDMILL         | 440336N 0154701E | 2002FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VA25 (VE ZD3P) | WINDMILL         | 440349N 0154806E | 1984FT / 589FT | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |

| Designation                                                                              | Type of obstacle | Coordinates                                                                                                                                                         | ELEV/HGT GND                                                                                                                                 | OBST LGT<br>Type/Colour                                               |
|------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| 1                                                                                        | 2                | 3                                                                                                                                                                   | 4                                                                                                                                            | 5                                                                     |
| VA26 (VE ZD3P)                                                                           | WINDMILL         | 440308N 0154825E                                                                                                                                                    | 2096FT / 589FT                                                                                                                               | MEDIUM-<br>INTENSITY<br>TYPE B/RED<br>LOW-<br>INTENSITY<br>TYPE B/RED |
| VE MAZIN 2<br>(WINDMILL FARM)<br><br>VA1<br>VA2<br>VA3<br>VA4<br>VA5<br>VA6<br>VA7       | WINDMILL         | 442505N 0155029E-<br>442458N 0155052E-<br>442446N 0155121E-<br>442438N 0155133E-<br>442431N 0155206E-<br>442429N 0155233E-<br>442429N 0155251E                      | 3543FT / 492FT<br>3504FT / 492FT<br>3338FT / 492FT<br>3468FT / 492FT<br>3374FT / 492FT<br>3355FT / 492FT<br>3512FT / 492FT                   | HIGH -<br>INTENSITY<br>TYPE B/White                                   |
| VE VISOKA<br>(WINDMILL FARM)<br><br>VA1<br>VA2<br>VA3<br>VA4<br>VA5<br>VA6<br>VA7<br>VA8 | WINDMILL         | 434011N 0163720E-<br>434033N 0163654E-<br>434057N 0163440E-<br>434102N 0163520E-<br>434058N 0163606E-<br>434044N 0163645E-<br>434022N 0163704E-<br>434100N 0163454E | 2899FT / 639FT<br>3151FT / 639FT<br>3320FT / 639FT<br>3447FT / 639FT<br>3531FT / 639FT<br>3297FT / 639FT<br>3048FT / 639FT<br>3444FT / 639FT | HIGH -<br>INTENSITY<br>TYPE B/White                                   |
| ZADAR 1200 STUP 2                                                                        | ANTENNA MAST     | 441352N 0151415E                                                                                                                                                    | 529FT / 447FT                                                                                                                                | NIL/RED                                                               |

THIS PAGE INTENTIONALLY LEFT BLANK

# RADIO FACILITY - INDEX CHART



OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA  
THIS PAGE INTENTIONALLY LEFT BLANK

---

**AD 0.6 TABLE OF CONTENTS TO PART 3**


---

## AD 0

|        |                                                     |            |
|--------|-----------------------------------------------------|------------|
| AD 0.1 | Preface - not applicable                            | AD 0.1 - 1 |
| AD 0.2 | Record of AIP amendments - not applicable           | AD 0.2 - 1 |
| AD 0.3 | Record of AIP supplements - not applicable          | AD 0.3 - 1 |
| AD 0.4 | Checklist of AIP pages - not applicable             | AD 0.4 - 1 |
| AD 0.5 | List of hand amendments to the AIP - not applicable | AD 0.5 - 1 |
| AD 0.6 | Table of contents to Part 3                         | AD 0.6 - 1 |

## AD 1 Aerodromes/heliports introduction

|          |                                                                                                            |            |
|----------|------------------------------------------------------------------------------------------------------------|------------|
| AD 1.1   | Aerodrome/heliport availability and conditions of use                                                      | AD 1.1 - 1 |
| AD 1.1.1 | General conditions                                                                                         | AD 1.1 - 1 |
| AD 1.1.2 | Use of military air bases                                                                                  | AD 1.1 - 2 |
| AD 1.1.3 | Low visibility procedures (LVP)                                                                            | AD 1.1 - 2 |
| AD 1.1.4 | Aerodrome operating minima                                                                                 | AD 1.1 - 2 |
| AD 1.1.5 | Other information                                                                                          | AD 1.1 - 2 |
| AD 1.2   | 1.2 - 1 Rescue and firefighting services, runway surface condition assessment and reporting, and snow plan | AD         |
| AD 1.2.1 | Rescue and firefighting services                                                                           | AD 1.2 - 1 |
| AD 1.2.2 | Runway surface condition assessment and reporting, and snow plan                                           | AD 1.2 - 1 |
| AD 1.3   | Index of aerodromes and heliports                                                                          | AD 1.3 - 1 |
| AD 1.4   | Grouping of aerodromes/heliports                                                                           | AD 1.4 - 1 |
| AD 1.5   | Status of certification of aerodromes                                                                      | AD 1.5 - 1 |

## AD 2 Aerodromes

|                                                   |                                                                  |                |
|---------------------------------------------------|------------------------------------------------------------------|----------------|
| LDDU AD 2                                         |                                                                  | LDDU AD 2 - 1  |
| LDDU AD 2.1                                       | Aerodrome location indicator and name                            | LDDU AD 2 - 1  |
| <b>LDDU - AIRPORT DUBROVNIK / Rudjer Boskovic</b> |                                                                  |                |
| LDDU AD 2.2                                       | Aerodrome geographical and administrative data                   | LDDU AD 2 - 1  |
| LDDU AD 2.3                                       | Operational hours                                                | LDDU AD 2 - 2  |
| LDDU AD 2.4                                       | Handling services and facilities                                 | LDDU AD 2 - 2  |
| LDDU AD 2.5                                       | Passenger facilities                                             | LDDU AD 2 - 3  |
| LDDU AD 2.6                                       | Rescue and fire fighting services                                | LDDU AD 2 - 3  |
| LDDU AD 2.7                                       | Runway surface condition assessment and reporting, and snow plan | LDDU AD 2 - 4  |
| LDDU AD 2.8                                       | Aprons, taxiways and check locations/positions data              | LDDU AD 2 - 4  |
| LDDU AD 2.9                                       | Surface movement guidance and control system and markings        | LDDU AD 2 - 5  |
| LDDU AD 2.10                                      | Aerodrome obstacles                                              | LDDU AD 2 - 5  |
| LDDU AD 2.11                                      | Meteorological information provided                              | LDDU AD 2 - 23 |
| LDDU AD 2.12                                      | Runway physical characteristics                                  | LDDU AD 2 - 24 |
| LDDU AD 2.13                                      | Declared distances                                               | LDDU AD 2 - 25 |
| LDDU AD 2.14                                      | Approach and runway lighting                                     | LDDU AD 2 - 25 |
| LDDU AD 2.15                                      | Other lighting, secondary power supply                           | LDDU AD 2 - 26 |
| LDDU AD 2.16                                      | Helicopter landing area                                          | LDDU AD 2 - 26 |
| LDDU AD 2.17                                      | ATS airspace                                                     | LDDU AD 2 - 27 |
| LDDU AD 2.18                                      | ATS communication facilities                                     | LDDU AD 2 - 27 |
| LDDU AD 2.19                                      | Radio navigation and landing aids                                | LDDU AD 2 - 28 |
| LDDU AD 2.20                                      | Local aerodrome regulations                                      | LDDU AD 2 - 29 |
| LDDU AD 2.21                                      | Noise abatement procedures                                       | LDDU AD 2 - 29 |
| LDDU AD 2.22                                      | Flight procedures                                                | LDDU AD 2 - 30 |
| LDDU AD 2.22.1                                    | Departing traffic                                                | LDDU AD 2 - 30 |
| LDDU AD 2.22.2                                    | STAR RWY 11                                                      | LDDU AD 2 - 31 |
| LDDU AD 2.22.3                                    | Missed approach procedure                                        | LDDU AD 2 - 31 |
| LDDU AD 2.22.4                                    | Backup device on TWR in case of a complete communication failure | LDDU AD 2 - 31 |

|              |                                                                  |                |
|--------------|------------------------------------------------------------------|----------------|
| LDDU AD 2.23 | Additional information                                           | LDDU AD 2 - 31 |
| LDDU AD 2.24 | Charts related to an aerodrome                                   | LDDU AD 2 - 32 |
| LDDU AD 2.25 | Visual segment surface (VSS) penetration                         | LDDU AD 2 - 33 |
|              | LDDU AD 2.24.1 ADC - 1                                           |                |
|              | LDDU AD 2.24.2 APDC - 1                                          |                |
|              | LDDU AD 2.24.4 AOC RWY 11 - 1                                    |                |
|              | LDDU AD 2.24.4 AOC RWY 29 - 1                                    |                |
|              | LDDU AD 2.24.8 SID RWY 11 - 1                                    |                |
|              | LDDU AD 2.24.8 SID RNAV RWY 11 - 1                               |                |
|              | LDDU AD 2.24.8 SID RWY 29 - 1                                    |                |
|              | LDDU AD 2.24.8 SID RNAV RWY 29 - 1                               |                |
|              | LDDU AD 2.24.10 STAR RWY 11 - 1                                  |                |
|              | LDDU AD 2.24.10 STAR RNAV RWY 11 - 1                             |                |
|              | LDDU AD 2.24.10 STAR RNAV RWY 29 - 1                             |                |
|              | LDDU AD 2.24.11 ATCSMAC - 1                                      |                |
|              | LDDU AD 2.24.12 IAC VOR RWY 11 - 1                               |                |
|              | LDDU AD 2.24.12 IAC ILSy or LOCy RWY 11 - 1                      |                |
|              | LDDU AD 2.24.12 IAC ILSz or LOCz RWY 11 - 1                      |                |
|              | LDDU AD 2.24.12 IAC RNP RWY 11 - 1                               |                |
|              | LDDU AD 2.24.12 IAC RNP RWY 29 (AR) - 1                          |                |
|              | LDDU AD 2.24.12 IAC RNP-b RWY 29 - 1                             |                |
|              | LDDU AD 2.24.13 VAC RWY 29 - 1                                   |                |
|              | LDDU AD 2.24.13 VOC - 1                                          |                |
|              | LDDU AD 2.24.14 BC - 1                                           |                |
| LDLO AD 2    |                                                                  | LDLO AD 2 - 1  |
| LDLO AD 2.1  | Aerodrome location indicator and name                            | LDLO AD 2 - 1  |
|              | <b>LDLO - AERODROME LOŠINJ/Lošinj I.</b>                         |                |
| LDLO AD 2.2  | Aerodrome geographical and administrative data                   | LDLO AD 2 - 1  |
| LDLO AD 2.3  | Operational hours                                                | LDLO AD 2 - 2  |
| LDLO AD 2.4  | Handling services and facilities                                 | LDLO AD 2 - 2  |
| LDLO AD 2.5  | Passenger facilities                                             | LDLO AD 2 - 2  |
| LDLO AD 2.6  | Rescue and fire fighting services                                | LDLO AD 2 - 3  |
| LDLO AD 2.7  | Runway surface condition assessment and reporting, and snow plan | LDLO AD 2 - 3  |
| LDLO AD 2.8  | Aprons, taxiways and check locations/positions data              | LDLO AD 2 - 3  |
| LDLO AD 2.9  | Surface movement guidance and control system and markings        | LDLO AD 2 - 4  |
| LDLO AD 2.10 | Aerodrome obstacles                                              | LDLO AD 2 - 4  |
| LDLO AD 2.11 | Meteorological information provided                              | LDLO AD 2 - 6  |
| LDLO AD 2.12 | Runway physical characteristics                                  | LDLO AD 2 - 7  |
| LDLO AD 2.13 | Declared distances                                               | LDLO AD 2 - 7  |
| LDLO AD 2.14 | Approach and runway lighting                                     | LDLO AD 2 - 8  |
| LDLO AD 2.15 | Other lighting, secondary power supply                           | LDLO AD 2 - 8  |
| LDLO AD 2.16 | Helicopter landing area                                          | LDLO AD 2 - 9  |
| LDLO AD 2.17 | ATS airspace                                                     | LDLO AD 2 - 9  |
| LDLO AD 2.18 | ATS communication facilities                                     | LDLO AD 2 - 9  |
| LDLO AD 2.19 | Radio navigation and landing aids                                | LDLO AD 2 - 10 |
| LDLO AD 2.20 | Local aerodrome regulations                                      | LDLO AD 2 - 10 |
| LDLO AD 2.21 | Noise abatement procedures                                       | LDLO AD 2 - 11 |
| LDLO AD 2.22 | Flight procedures                                                | LDLO AD 2 - 12 |
|              | LDLO AD 2.22.1 VFR flight procedures                             | LDLO AD 2 - 12 |
|              | LDLO AD 2.22.2 SID RWY 02                                        | LDLO AD 2 - 13 |
|              | LDLO AD 2.22.3 SID RWY 20                                        | LDLO AD 2 - 14 |
|              | LDLO AD 2.22.4 STAR RWY 02/20                                    | LDLO AD 2 - 15 |
| LDLO AD 2.23 | Additional information                                           | LDLO AD 2 - 15 |
| LDLO AD 2.24 | Charts related to an aerodrome                                   | LDLO AD 2 - 16 |

|              |                                                                            |                |
|--------------|----------------------------------------------------------------------------|----------------|
| LDLO AD 2.25 | Visual segment surface (VSS) penetration . . . . .                         | LDLO AD 2 - 16 |
|              | LDLO AD 2.24.1 ADC - 1                                                     |                |
|              | LDLO AD 2.24.2 APDC - 1                                                    |                |
|              | LDLO AD 2.24.4 AOC RWY 02/20 - 1                                           |                |
|              | 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 2.24.10 STAR RNAV RWY 02 CAT A & B - 1                             |                |
|              | LDLO AD 2.24.10 STAR RNAV RWY 20 CAT A & B - 1                             |                |
|              | LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A&B - 1                            |                |
|              | LDLO AD 2.24.12 IAC VOR RWY02 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                                                    |                |
| LDOS AD 2    | . . . . .                                                                  | LDOS AD 2 - 1  |
| LDOS AD 2.1  | Aerodrome location indicator and name . . . . .                            | LDOS AD 2 - 1  |
|              | <b>LDOS - AIRPORT OSIJEK / Klisa</b>                                       |                |
| LDOS AD 2.2  | Aerodrome geographical and administrative data . . . . .                   | LDOS AD 2 - 1  |
| LDOS AD 2.3  | Operational hours . . . . .                                                | LDOS AD 2 - 2  |
| LDOS AD 2.4  | Handling services and facilities . . . . .                                 | LDOS AD 2 - 2  |
| LDOS AD 2.5  | Passenger facilities . . . . .                                             | LDOS AD 2 - 3  |
| LDOS AD 2.6  | Rescue and fire fighting services . . . . .                                | LDOS AD 2 - 3  |
| LDOS AD 2.7  | Runway surface condition assessment and reporting, and snow plan . . . . . | LDOS AD 2 - 3  |
| LDOS AD 2.8  | Aprons, taxiways and check locations/positions data . . . . .              | LDOS AD 2 - 4  |
| LDOS AD 2.9  | Surface movement guidance and control system and markings . . . . .        | LDOS AD 2 - 4  |
| LDOS AD 2.10 | Aerodrome obstacles . . . . .                                              | LDOS AD 2 - 5  |
| LDOS AD 2.11 | Meteorological information provided . . . . .                              | LDOS AD 2 - 5  |
| LDOS AD 2.12 | Runway physical characteristics . . . . .                                  | LDOS AD 2 - 6  |
| LDOS AD 2.13 | Declared distances . . . . .                                               | LDOS AD 2 - 6  |
| LDOS AD 2.14 | Approach and runway lighting . . . . .                                     | LDOS AD 2 - 7  |
| LDOS AD 2.15 | Other lighting, secondary power supply . . . . .                           | LDOS AD 2 - 7  |
| LDOS AD 2.16 | Helicopter landing area . . . . .                                          | LDOS AD 2 - 8  |
| LDOS AD 2.17 | ATS airspace . . . . .                                                     | LDOS AD 2 - 8  |
| LDOS AD 2.18 | ATS communication facilities . . . . .                                     | LDOS AD 2 - 9  |
| LDOS AD 2.19 | Radio navigation and landing aids . . . . .                                | LDOS AD 2 - 9  |
| LDOS AD 2.20 | Local aerodrome regulations . . . . .                                      | LDOS AD 2 - 10 |
| 2.20.1       | General . . . . .                                                          | LDOS AD 2 - 10 |
| LDOS AD 2.21 | Noise abatement procedures . . . . .                                       | LDOS AD 2 - 10 |
| LDOS AD 2.22 | Flight procedures . . . . .                                                | LDOS AD 2 - 10 |
| 2.22.1       | Low visibility procedures . . . . .                                        | LDOS AD 2 - 10 |
| 2.22.2       | SID RWY 11. . . . .                                                        | LDOS AD 2 - 11 |
| 2.22.3       | SID RWY 29. . . . .                                                        | LDOS AD 2 - 12 |
| 2.22.4       | STAR RWY 11. . . . .                                                       | LDOS AD 2 - 12 |
| 2.22.5       | STAR RWY 29. . . . .                                                       | LDOS AD 2 - 13 |
| LDOS AD 2.23 | Additional information . . . . .                                           | LDOS AD 2 - 13 |
| LDOS AD 2.24 | Charts related to an aerodrome . . . . .                                   | LDOS AD 2 - 14 |
| LDOS AD 2.25 | Visual segment surface (VSS) penetration . . . . .                         | LDOS AD 2 - 15 |
|              | LDOS AD 2.24.1 ADC - 1                                                     |                |
|              | LDOS AD 2.24.2 APDC - 1                                                    |                |
|              | LDOS AD 2.24.4 AOC RWY 11/29 - 1                                           |                |
|              | LDOS AD 2.24.8 SID RWY 11 - 1                                              |                |
|              | LDOS AD 2.24.8 SID RNP RWY 11 - 1                                          |                |

|              |                                                                  |                |
|--------------|------------------------------------------------------------------|----------------|
|              | LDOS AD 2.24.8 SID RWY 29 - 1                                    |                |
|              | LDOS AD 2.24.8 SID RNP RWY 29 - 1                                |                |
|              | LDOS AD 2.24.10 STAR RWY 11 - 1                                  |                |
|              | LDOS AD 2.24.10 STAR RNP RWY 11 - 1                              |                |
|              | LDOS AD 2.24.10 STAR RWY 29 - 1                                  |                |
|              | LDOS AD 2.24.10 STAR RNP RWY 29 - 1                              |                |
|              | LDOS AD 2.24.11 ATCSMAC - 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 ILSx or LOCx RWY 29 CAT A&B - 1              |                |
|              | LDOS AD 2.24.12 IAC ILSy or LOCy 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 - 1                                          |                |
| LDPL AD 2    |                                                                  | LDPL AD 2 - 1  |
| LDPL AD 2.1  | Aerodrome location indicator and name                            | LDPL AD 2 - 1  |
|              | <b>LDPL - AIRPORT PULA / Pula</b>                                |                |
| LDPL AD 2.2  | Aerodrome geographical and administrative data                   | LDPL AD 2 - 1  |
| LDPL AD 2.3  | Operational hours                                                | LDPL AD 2 - 2  |
| LDPL AD 2.4  | Handling services and facilities                                 | LDPL AD 2 - 2  |
| LDPL AD 2.5  | Passenger facilities                                             | LDPL AD 2 - 3  |
| LDPL AD 2.6  | Rescue and fire fighting services                                | LDPL AD 2 - 3  |
| LDPL AD 2.7  | Runway surface condition assessment and reporting, and snow plan | LDPL AD 2 - 4  |
| LDPL AD 2.8  | Aprons, taxiways and check locations/positions data              | LDPL AD 2 - 4  |
| LDPL AD 2.9  | Surface movement guidance and control system and markings        | LDPL AD 2 - 5  |
| LDPL AD 2.10 | Aerodrome obstacles                                              | LDPL AD 2 - 5  |
| LDPL AD 2.11 | Meteorological information provided                              | LDPL AD 2 - 6  |
| LDPL AD 2.12 | Runway physical characteristics                                  | LDPL AD 2 - 7  |
| LDPL AD 2.13 | Declared distances                                               | LDPL AD 2 - 8  |
| LDPL AD 2.14 | Approach and runway lighting                                     | LDPL AD 2 - 8  |
| LDPL AD 2.15 | Other lighting, secondary power supply                           | LDPL AD 2 - 8  |
| LDPL AD 2.16 | Helicopter landing area                                          | LDPL AD 2 - 9  |
| LDPL AD 2.17 | ATS airspace                                                     | LDPL AD 2 - 9  |
| LDPL AD 2.18 | ATS communication facilities                                     | LDPL AD 2 - 10 |
| LDPL AD 2.19 | Radio navigation and landing aids                                | LDPL AD 2 - 10 |
| LDPL AD 2.20 | Local aerodrome regulations                                      | LDPL AD 2 - 11 |
|              | LDPL AD 2.20.1 Code letter E and four-engine aircraft operation  | LDPL AD 2 - 11 |
|              | LDPL AD 2.20.2 TAXI Procedures                                   | LDPL AD 2 - 12 |
|              | LDPL AD 2.20.3 Helicopter operations                             | LDPL AD 2 - 12 |
|              | LDPL AD 2.20.4 Adverse weather conditions                        | LDPL AD 2 - 12 |
| LDPL AD 2.21 | Noise abatement procedures                                       | LDPL AD 2 - 12 |
| LDPL AD 2.22 | Flight procedures                                                | LDPL AD 2 - 12 |
| LDPL AD 2.23 | Additional information                                           | LDPL AD 2 - 16 |
| LDPL AD 2.24 | Charts related to an aerodrome                                   | LDPL AD 2 - 17 |
| LDPL AD 2.25 | Visual segment surface (VSS) penetration                         | LDPL AD 2 - 18 |
|              | LDPL AD 2.24.1 ADC - 1                                           |                |
|              | LDPL AD 2.24.2 APDC - 1                                          |                |
|              | LDPL AD 2.24.4 AOC RWY 09/27 - 1                                 |                |
|              | LDPL AD 2.24.8 SID RWY 09 - 1                                    |                |
|              | LDPL AD 2.24.8 SID RNAV RWY 09 - 1                               |                |
|              | LDPL AD 2.24.8 SID RWY 27 - 1                                    |                |

|              |                                                                        |                |
|--------------|------------------------------------------------------------------------|----------------|
|              | LDPL AD 2.24.8 SID RNAV RWY 27 - 1                                     |                |
|              | LDPL AD 2.24.10 STAR RWY 09 - 1                                        |                |
|              | LDPL AD 2.24.10 STAR RWY 27 - 1                                        |                |
|              | LDPL AD 2.24.10 STAR RNAV RWY 09 - 1                                   |                |
|              | LDPL AD 2.24.10 STAR RNAV RWY 27 - 1                                   |                |
|              | LDPL AD 2.24.11 ATCSMAC - 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                                     |                |
|              | LDPL AD 2.24.13 VOC - 1                                                |                |
|              | LDPL AD 2.24.14 BC - 1                                                 |                |
| LDRI AD 2    | .....                                                                  | LDRI AD 2 - 1  |
| LDRI AD 2.1  | Aerodrome location indicator and name .....                            | LDRI AD 2 - 1  |
|              | <b>LDRI - AIRPORT RIJEKA / Krk I.</b>                                  |                |
| LDRI AD 2.2  | Aerodrome geographical and administrative data .....                   | LDRI AD 2 - 1  |
| LDRI AD 2.3  | Operational hours .....                                                | LDRI AD 2 - 1  |
| LDRI AD 2.4  | Handling services and facilities .....                                 | LDRI AD 2 - 2  |
| LDRI AD 2.5  | Passenger facilities .....                                             | LDRI AD 2 - 2  |
| LDRI AD 2.6  | Rescue and fire fighting services .....                                | LDRI AD 2 - 3  |
| LDRI AD 2.7  | Runway surface condition assessment and reporting, and snow plan ..... | LDRI AD 2 - 3  |
| LDRI AD 2.8  | Aprons, taxiways and check locations/positions data .....              | LDRI AD 2 - 3  |
| LDRI AD 2.9  | Surface movement guidance and control system and markings .....        | LDRI AD 2 - 4  |
| LDRI AD 2.10 | Aerodrome obstacles .....                                              | LDRI AD 2 - 4  |
| LDRI AD 2.11 | Meteorological information provided .....                              | LDRI AD 2 - 5  |
| LDRI AD 2.12 | Runway physical characteristics .....                                  | LDRI AD 2 - 5  |
| LDRI AD 2.13 | Declared distances .....                                               | LDRI AD 2 - 6  |
| LDRI AD 2.14 | Approach and runway lighting .....                                     | LDRI AD 2 - 6  |
| LDRI AD 2.15 | Other lighting, secondary power supply .....                           | LDRI AD 2 - 8  |
| LDRI AD 2.16 | Helicopter landing area .....                                          | LDRI AD 2 - 8  |
| LDRI AD 2.17 | ATS airspace .....                                                     | LDRI AD 2 - 8  |
| LDRI AD 2.18 | ATS communication facilities .....                                     | LDRI AD 2 - 9  |
| LDRI AD 2.19 | Radio navigation and landing aids .....                                | LDRI AD 2 - 9  |
| LDRI AD 2.20 | Local aerodrome regulations .....                                      | LDRI AD 2 - 10 |
|              | LDRI AD 2.20.1. Taxi procedures .....                                  | LDRI AD 2 - 10 |
|              | LDRI AD 2.20.2. Four-engine aircraft operation .....                   | LDRI AD 2 - 10 |
| LDRI AD 2.21 | Noise abatement procedures .....                                       | LDRI AD 2 - 10 |
| LDRI AD 2.22 | Flight procedures .....                                                | LDRI AD 2 - 10 |
| LDRI AD 2.23 | Additional information .....                                           | LDRI AD 2 - 13 |
| LDRI AD 2.24 | Charts related to an aerodrome .....                                   | LDRI AD 2 - 14 |
| LDRI AD 2.25 | Visual segment surface (VSS) penetration .....                         | LDRI AD 2 - 15 |
|              | LDRI AD 2.24.1 ADC - 1                                                 |                |
|              | LDRI AD 2.24.2 APDC - 1                                                |                |
|              | LDRI AD 2.24.4 AOC RWY 14/32 - 1                                       |                |
|              | LDRI AD 2.24.8 SID RWY 14 - 1                                          |                |
|              | LDRI AD 2.24.8 SID RNAV RWY 14 - 1                                     |                |
|              | LDRI AD 2.24.8 SID RWY 32 - 1                                          |                |
|              | LDRI AD 2.24.8 SID RNAV RWY 32 - 1                                     |                |
|              | LDRI AD 2.24.10 STAR RWY 14/32 - 1                                     |                |
|              | LDRI AD 2.24.10 STAR RNAV RWY 14 - 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                               |                |
|                                            | LDRI AD 2.24.13 VOC - 1                                          |                |
| LDSB AD 2                                  |                                                                  | LDSB AD 2 - 1  |
| LDSB AD 2.1                                | Aerodrome location indicator and name                            | LDSB AD 2 - 1  |
| <b>LDSB - AERODROME BRAČ / Brač I.</b>     |                                                                  |                |
| LDSB AD 2.2                                | Aerodrome geographical and administrative data                   | LDSB AD 2 - 1  |
| LDSB AD 2.3                                | Operational hours                                                | LDSB AD 2 - 2  |
| LDSB AD 2.4                                | Handling services and facilities                                 | LDSB AD 2 - 2  |
| LDSB AD 2.5                                | Passenger facilities                                             | LDSB AD 2 - 2  |
| LDSB AD 2.6                                | Rescue and fire fighting services                                | LDSB AD 2 - 3  |
| LDSB AD 2.7                                | Runway surface condition assessment and reporting, and snow plan | LDSB AD 2 - 3  |
| LDSB AD 2.8                                | Aprons, taxiways and check locations/positions data              | LDSB AD 2 - 3  |
| LDSB AD 2.9                                | Surface movement guidance and control system and markings        | LDSB AD 2 - 4  |
| LDSB AD 2.10                               | Aerodrome obstacles                                              | LDSB AD 2 - 4  |
| LDSB AD 2.11                               | Meteorological information provided                              | LDSB AD 2 - 5  |
| LDSB AD 2.12                               | Runway physical characteristics                                  | LDSB AD 2 - 6  |
| LDSB AD 2.13                               | Declared distances                                               | LDSB AD 2 - 6  |
| LDSB AD 2.14                               | Approach and runway lighting                                     | LDSB AD 2 - 7  |
| LDSB AD 2.15                               | Other lighting, secondary power supply                           | LDSB AD 2 - 7  |
| LDSB AD 2.16                               | Helicopter landing area                                          | LDSB AD 2 - 8  |
| LDSB AD 2.17                               | ATS airspace                                                     | LDSB AD 2 - 8  |
| LDSB AD 2.18                               | ATS communication facilities                                     | LDSB AD 2 - 9  |
| LDSB AD 2.19                               | Radio navigation and landing aids                                | LDSB AD 2 - 9  |
| LDSB AD 2.20                               | Local aerodrome regulations                                      | LDSB AD 2 - 9  |
| LDSB AD 2.21                               | Noise abatement procedures                                       | LDSB AD 2 - 9  |
| LDSB AD 2.22                               | Flight procedures                                                | LDSB AD 2 - 10 |
| LDSB AD 2.23                               | Additional information                                           | LDSB AD 2 - 11 |
| LDSB AD 2.24                               | Charts related to an aerodrome                                   | LDSB AD 2 - 12 |
| LDSB AD 2.25                               | Visual segment surface (VSS) penetration                         | LDSB AD 2 - 13 |
|                                            | LDSB AD 2.24.1 ADC - 1                                           |                |
|                                            | LDSB AD 2.24.2 APDC - 1                                          |                |
|                                            | LDSB AD 2.24.4 AOC RWY 03/21 - 1                                 |                |
|                                            | LDSB AD 2.24.8 SID RWY 03 CAT A/B&C - 1                          |                |
|                                            | LDSB AD 2.24.8 SID RNAV RWY 03 - 1                               |                |
|                                            | LDSB AD 2.24.8 SID RWY 21 CAT A/B&C - 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-a RWY 21 - 1                             |                |
|                                            | LDSB AD 2.24.12 IAC NDB RWY 21 - 1                               |                |
|                                            | LDSB AD 2.24.12 IAC RNP RWY 03 - 1                               |                |
|                                            | LDSB AD 2.24.12 IAC RNP RWY 21 - 1                               |                |
|                                            | LDSB AD 2.24.13 VOC - 1                                          |                |
| LDSP AD 2                                  |                                                                  | LDSP AD 2 - 1  |
| LDSP AD 2.1                                | Aerodrome location indicator and name                            | LDSP AD 2 - 1  |
| <b>LDSP - AIRPORT SPLIT / SAINT JEROME</b> |                                                                  |                |
| LDSP AD 2.2                                | Aerodrome geographical and administrative data                   | LDSP AD 2 - 1  |
| LDSP AD 2.3                                | Operational hours                                                | LDSP AD 2 - 2  |

|                 |                                                                  |                |
|-----------------|------------------------------------------------------------------|----------------|
| LDSP AD 2.4     | Handling services and facilities                                 | LDSP AD 2 - 2  |
| LDSP AD 2.5     | Passenger facilities                                             | LDSP AD 2 - 3  |
| LDSP AD 2.6     | Rescue and fire fighting services                                | LDSP AD 2 - 3  |
| LDSP AD 2.7     | Runway surface condition assessment and reporting, and snow plan | LDSP AD 2 - 3  |
| LDSP AD 2.8     | Aprons, taxiways and check locations/positions data              | LDSP AD 2 - 4  |
| LDSP AD 2.9     | Surface movement guidance and control system and markings        | LDSP AD 2 - 4  |
| LDSP AD 2.10    | Aerodrome obstacles                                              | LDSP AD 2 - 5  |
| LDSP AD 2.11    | Meteorological information provided                              | LDSP AD 2 - 14 |
| LDSP AD 2.12    | Runway physical characteristics                                  | LDSP AD 2 - 15 |
| LDSP AD 2.13    | Declared distances                                               | LDSP AD 2 - 15 |
| LDSP AD 2.14    | Approach and runway lighting                                     | LDSP AD 2 - 16 |
| LDSP AD 2.15    | Other lighting, secondary power supply                           | LDSP AD 2 - 16 |
| LDSP AD 2.16    | Helicopter landing area                                          | LDSP AD 2 - 16 |
| LDSP AD 2.17    | ATS airspace                                                     | LDSP AD 2 - 17 |
| LDSP AD 2.18    | ATS communication facilities                                     | LDSP AD 2 - 18 |
| LDSP AD 2.19    | Radio navigation and landing aids                                | LDSP AD 2 - 18 |
| LDSP AD 2.20    | Local aerodrome regulations                                      | LDSP AD 2 - 19 |
| LDSP AD 2.20.1. | Minimum runway occupancy time                                    | LDSP AD 2 - 19 |
| LDSP AD 2.20.2. | Taxi procedures                                                  | LDSP AD 2 - 20 |
| LDSP AD 2.20.3. | Code letter E and four-engine aircraft operation                 | LDSP AD 2 - 20 |
| LDSP AD 2.21    | Noise abatement procedures                                       | LDSP AD 2 - 21 |
| LDSP AD 2.22    | Flight procedures                                                | LDSP AD 2 - 21 |
| LDSP AD 2.23    | Additional information                                           | LDSP AD 2 - 27 |
| LDSP AD 2.24    | Charts related to an aerodrome                                   | LDSP AD 2 - 28 |
| LDSP AD 2.25    | Visual segment surface (VSS) penetration                         | LDSP AD 2 - 29 |
|                 | LDSP AD 2.24.1 ADC - 1                                           |                |
|                 | LDSP AD 2.24.2 APDC - 1                                          |                |
|                 | LDSP AD 2.24.4 AOC RWY 05 - 1                                    |                |
|                 | LDSP AD 2.24.4 AOC RWY 23 - 1                                    |                |
|                 | LDSP AD 2.24.8 SID RWY 05 - 1                                    |                |
|                 | LDSP AD 2.24.8 SID RNAV RWY 05 - 1                               |                |
|                 | LDSP AD 2.24.8 SID RWY 23 - 1                                    |                |
|                 | LDSP AD 2.24.8 SID RNAV RWY 23 - 1                               |                |
|                 | LDSP AD 2.24.10 STAR RWY 05 - 1                                  |                |
|                 | LDSP AD 2.24.10 STAR RNAV RWY 05 - 1                             |                |
|                 | LDSP AD 2.24.10 STAR RWY 23 - 1                                  |                |
|                 | LDSP AD 2.24.10 STAR RNAV RWY 23 - 1                             |                |
|                 | LDSP AD 2.24.11 ATCSMAC - 1                                      |                |
|                 | LDSP AD 2.24.12 IAC NDB RWY 05 - 1                               |                |
|                 | LDSP AD 2.24.12 IAC ILSy or LOCy RWY 05 - 1                      |                |
|                 | LDSP AD 2.24.12 IAC ILSz or LOCz RWY 05 - 1                      |                |
|                 | LDSP AD 2.24.12 IAC RNP Y RWY 05 - 1                             |                |
|                 | LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 1                  |                |
|                 | LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 1                       |                |
|                 | LDSP AD 2.24.12 IAC VOR-b RWY 23 - 1                             |                |
|                 | LDSP AD 2.24.13 VAC RWY 23 - 1                                   |                |
|                 | LDSP AD 2.24.13 VOC - 1                                          |                |
|                 | LDSP AD 2.24.14 BC - 1                                           |                |
| LDZA AD 2       |                                                                  | LDZA AD 2 - 1  |
| LDZA AD 2.1     | Aerodrome location indicator and name                            | LDZA AD 2 - 1  |
|                 | <b>LDZA - AIRPORT ZAGREB / Franjo Tudjman</b>                    |                |
| LDZA AD 2.2     | Aerodrome geographical and administrative data                   | LDZA AD 2 - 1  |
| LDZA AD 2.3     | Operational hours                                                | LDZA AD 2 - 2  |
| LDZA AD 2.4     | Handling services and facilities                                 | LDZA AD 2 - 2  |

|              |                                                                  |                |
|--------------|------------------------------------------------------------------|----------------|
| LDZA AD 2.5  | Passenger facilities                                             | LDZA AD 2 - 3  |
| LDZA AD 2.6  | Rescue and fire fighting services                                | LDZA AD 2 - 3  |
| LDZA AD 2.7  | Runway surface condition assessment and reporting, and snow plan | LDZA AD 2 - 3  |
| LDZA AD 2.8  | Aprons, taxiways and check locations/positions data              | LDZA AD 2 - 4  |
| LDZA AD 2.9  | Surface movement guidance and control system and markings        | LDZA AD 2 - 5  |
| LDZA AD 2.10 | Aerodrome obstacles                                              | LDZA AD 2 - 6  |
| LDZA AD 2.11 | Meteorological information provided                              | LDZA AD 2 - 7  |
| LDZA AD 2.12 | Runway physical characteristics                                  | LDZA AD 2 - 8  |
| LDZA AD 2.13 | Declared distances                                               | LDZA AD 2 - 8  |
| LDZA AD 2.14 | Approach and runway lighting                                     | LDZA AD 2 - 9  |
| LDZA AD 2.15 | Other lighting, secondary power supply                           | LDZA AD 2 - 9  |
| LDZA AD 2.16 | Helicopter landing area                                          | LDZA AD 2 - 10 |
| LDZA AD 2.17 | ATS airspace                                                     | LDZA AD 2 - 10 |
| LDZA AD 2.18 | ATS communication facilities                                     | LDZA AD 2 - 11 |
| LDZA AD 2.19 | Radio navigation and landing aids                                | LDZA AD 2 - 12 |
| LDZA AD 2.20 | Local aerodrome regulations                                      | LDZA AD 2 - 13 |
| 2.20.1       | General                                                          | LDZA AD 2 - 13 |
| 2.20.2       | Arrival                                                          | LDZA AD 2 - 14 |
| 2.20.3       | Departure                                                        | LDZA AD 2 - 14 |
| 2.20.4       | Rescue and fire fighting service                                 | LDZA AD 2 - 15 |
| LDZA AD 2.21 | Noise abatement procedures                                       | LDZA AD 2 - 15 |
| LDZA AD 2.22 | Flight procedures                                                | LDZA AD 2 - 15 |
| 2.22.1       | Low visibility procedures                                        | LDZA AD 2 - 15 |
| 2.22.2       | SID RWY 04                                                       | LDZA AD 2 - 17 |
| 2.22.3       | SID RWY 22                                                       | LDZA AD 2 - 18 |
| 2.22.4       | STAR RWY 04                                                      | LDZA AD 2 - 20 |
| 2.22.5       | STAR RWY 22                                                      | LDZA AD 2 - 21 |
| LDZA AD 2.23 | Additional information                                           | LDZA AD 2 - 22 |
| LDZA AD 2.24 | Charts related to an aerodrome                                   | LDZA AD 2 - 23 |
| LDZA AD 2.25 | Visual segment surface (VSS) penetration                         | LDZA AD 2 - 23 |
|              | LDZA AD 2.24.1 ADC - 1                                           |                |
|              | LDZA AD 2.24.2 APDC EAST - 1                                     |                |
|              | LDZA AD 2.24.2 APDC WEST - 1                                     |                |
|              | LDZA AD 2.24.4 AOC RWY 04/22 - 1                                 |                |
|              | LDZA AD 2.24.6 PATC RWY 04 - 1                                   |                |
|              | LDZA AD 2.24.8 SID RWY 04 - 1                                    |                |
|              | LDZA AD 2.24.8 SID RNAV RWY 04 - 1                               |                |
|              | LDZA AD 2.24.8 SID RWY 22 - 1                                    |                |
|              | LDZA AD 2.24.8 SID RNAV RWY 22 - 1                               |                |
|              | LDZA AD 2.24.10 STAR RWY 04 - 1                                  |                |
|              | LDZA AD 2.24.10 STAR RNAV RWY 04 - 1                             |                |
|              | LDZA AD 2.24.10 STAR RWY 22 - 1                                  |                |
|              | LDZA AD 2.24.10 STAR RNAV RWY 22 - 1                             |                |
|              | LDZA AD 2.24.11 ATCSMAC - 1                                      |                |
|              | LDZA AD 2.24.12 IAC L RWY 04 - 1                                 |                |
|              | LDZA AD 2.24.12 IAC ILS y or LOC y RWY 04 - 1                    |                |
|              | LDZA AD 2.24.12 IAC ILS z or LOC z RWY 04 - 1                    |                |
|              | LDZA AD 2.24.12 IAC L RWY 22 - 1                                 |                |
|              | LDZA AD 2.24.12 IAC ILS y or LOC y RWY 22 - 1                    |                |
|              | LDZA AD 2.24.12 IAC ILS z or LOC z RWY 22 - 1                    |                |
|              | LDZA AD 2.24.12 IAC RNP RWY 04 - 1                               |                |
|              | LDZA AD 2.24.12 IAC RNP RWY 22 - 1                               |                |
|              | LDZA AD 2.24.13 VOC - 1                                          |                |
|              | LDZA AD 2.24.14 BC - 1                                           |                |
| LDZD AD 2    |                                                                  | LDZD AD 2 - 1  |

|                                       |                                                                  |                |
|---------------------------------------|------------------------------------------------------------------|----------------|
| LDZD AD 2.1                           | Aerodrome location indicator and name                            | LDZD AD 2 - 1  |
| <b>LDZD - AIRPORT ZADAR / Zemunik</b> |                                                                  |                |
| LDZD AD 2.2                           | Aerodrome geographical and administrative data                   | LDZD AD 2 - 1  |
| LDZD AD 2.3                           | Operational hours                                                | LDZD AD 2 - 2  |
| LDZD AD 2.4                           | Handling services and facilities                                 | LDZD AD 2 - 2  |
| LDZD AD 2.5                           | Passenger facilities                                             | LDZD AD 2 - 3  |
| LDZD AD 2.6                           | Rescue and fire fighting services                                | LDZD AD 2 - 3  |
| LDZD AD 2.7                           | Runway surface condition assessment and reporting, and snow plan | LDZD AD 2 - 3  |
| LDZD AD 2.8                           | Aprons, taxiways and check locations/positions data              | LDZD AD 2 - 4  |
| LDZD AD 2.9                           | Surface movement guidance and control system and markings        | LDZD AD 2 - 5  |
| LDZD AD 2.10                          | Aerodrome obstacles                                              | LDZD AD 2 - 6  |
| LDZD AD 2.11                          | Meteorological information provided                              | LDZD AD 2 - 6  |
| LDZD AD 2.12                          | Runway physical characteristics                                  | LDZD AD 2 - 7  |
| LDZD AD 2.13                          | Declared distances                                               | LDZD AD 2 - 8  |
| LDZD AD 2.14                          | Approach and runway lighting                                     | LDZD AD 2 - 8  |
| LDZD AD 2.15                          | Other lighting, secondary power supply                           | LDZD AD 2 - 9  |
| LDZD AD 2.16                          | Helicopter landing area                                          | LDZD AD 2 - 9  |
| LDZD AD 2.17                          | ATS airspace                                                     | LDZD AD 2 - 9  |
| LDZD AD 2.18                          | ATS communication facilities                                     | LDZD AD 2 - 10 |
| LDZD AD 2.19                          | Radio navigation and landing aids                                | LDZD AD 2 - 10 |
| LDZD AD 2.20                          | Local aerodrome regulations                                      | LDZD AD 2 - 12 |
| LDZD AD 2.20.1                        | Code letter E aircraft                                           | LDZD AD 2 - 13 |
| LDZD AD 2.20.2                        | Fire fighting category                                           | LDZD AD 2 - 13 |
| LDZD AD 2.21                          | Noise abatement procedures                                       | LDZD AD 2 - 13 |
| LDZD AD 2.22                          | Flight procedures                                                | LDZD AD 2 - 13 |
| LDZD AD 2.23                          | Additional information                                           | LDZD AD 2 - 17 |
| LDZD AD 2.24                          | Charts related to an aerodrome                                   | LDZD AD 2 - 17 |
| LDZD AD 2.25                          | Visual segment surface (VSS) penetration                         | LDZD AD 2 - 18 |
|                                       | LDZD AD 2.24.1 ADC - 1                                           |                |
|                                       | LDZD AD 2.24.2 APDC - 1                                          |                |
|                                       | LDZD AD 2.24.4 AOC RWY 04/22 - 1                                 |                |
|                                       | LDZD AD 2.24.4 AOC RWY 13/31 - 1                                 |                |
|                                       | LDZD AD 2.24.8 SID RWY 04 - 1                                    |                |
|                                       | LDZD AD 2.24.8 SID RNAV RWY 04 - 1                               |                |
|                                       | LDZD AD 2.24.8 SID RWY 13 - 1                                    |                |
|                                       | LDZD AD 2.24.8 SID RNAV RWY 13 - 1                               |                |
|                                       | LDZD AD 2.24.8 SID RWY 22 - 1                                    |                |
|                                       | LDZD AD 2.24.8 SID RNAV RWY 22 - 1                               |                |
|                                       | LDZD AD 2.24.8 SID RWY 31 - 1                                    |                |
|                                       | LDZD AD 2.24.8 SID RNAV RWY 31 - 1                               |                |
|                                       | LDZD AD 2.24.10 STAR RWY 04 & 13/31 - 1                          |                |
|                                       | LDZD AD 2.24.10 STAR RNAV RWY 04 - 1                             |                |
|                                       | LDZD AD 2.24.10 STAR RNAV RWY 13 - 1                             |                |
|                                       | LDZD AD 2.24.10 STAR RNAV RWY 31 - 1                             |                |
|                                       | LDZD AD 2.24.11 ATCSMAC - 1                                      |                |
|                                       | LDZD AD 2.24.12 IAC VOR RWY 04 - 1                               |                |
|                                       | LDZD AD 2.24.12 IAC VOR RWY 13 - 1                               |                |
|                                       | LDZD AD 2.24.12 IAC ILS or LOC RWY 13 - 1                        |                |
|                                       | LDZD AD 2.24.12 IAC RNP RWY 04 - 1                               |                |
|                                       | LDZD AD 2.24.12 IAC RNP Y RWY 13 - 1                             |                |
|                                       | LDZD AD 2.24.12 IAC RNP Z RWY 13 - 1                             |                |
|                                       | LDZD AD 2.24.12 IAC RNP RWY 31 - 1                               |                |

---

LDZD AD 2.24.12 IAC VOR RWY 31 - 1  
LDZD AD 2.24.13 VOC - 1

## LDDU AD 2.17 ATS AIRSPACE

|   |                                   |                                                                                                                                                                                                     |
|---|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits    | CTR Dubrovnik<br>424230N 0180249E<br>423619N 0181441E<br>along the FIR boundary Zagreb/Sarajevo<br>423612N 0181514E<br>423246N 0182545E<br>422447N 0182554E<br>423441N 0175738E<br>424230N 0180249E |
| 2 | Vertical limits                   | 4000 FT ALT / GND                                                                                                                                                                                   |
| 3 | Airspace classification           | D                                                                                                                                                                                                   |
| 4 | ATS unit call sign<br>Language(s) | DUBROVNIK TORANJ / DUBROVNIK TOWER<br>Croatian, English                                                                                                                                             |
| 5 | Transition altitude               | 10000 FT MSL                                                                                                                                                                                        |
| 6 | Hours of applicability            | H24                                                                                                                                                                                                 |
| 7 | Remarks                           | NIL                                                                                                                                                                                                 |

## LDDU AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign                             | Frequency   | Hours of operation                                           | Remarks                                                                                                                                         |
|---------------------|---------------------------------------|-------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                   | 2                                     | 3           | 4                                                            | 5                                                                                                                                               |
| APP                 | DUBROVNIK RADAR                       | 123.600 MHZ | H24                                                          | Primary FREQ                                                                                                                                    |
|                     | DUBROVNIK RADAR                       | 134.725 MHZ | H24                                                          | ALTN FREQ                                                                                                                                       |
|                     | DUBROVNIK RADAR                       | 121.500 MHZ | H24                                                          | EMERG FREQ                                                                                                                                      |
| TWR                 | DUBROVNIK TORANJ /<br>DUBROVNIK TOWER | 129.500 MHZ | H24                                                          | Primary FREQ<br>If no contact on TWR<br>frequency, contact<br>Dubrovnik Radar.                                                                  |
|                     |                                       | 125.400 MHZ | H24                                                          | ALTN FREQ                                                                                                                                       |
| DELIVERY            | DUBROVNIK DELIVERY                    | 125.400 MHZ | TUE, THU, SAT, SUN<br>0700-1500 during<br>summer period only | For additional hours of<br>operation, monitor ATIS.<br>If no contact on Dubrovnik<br>Delivery FREQ, contact<br>Dubrovnik TWR on<br>129.500 MHZ. |
| ATIS                | DUBROVNIK ATIS                        | 118.425 MHZ | H24                                                          |                                                                                                                                                 |

**LDDU AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aid<br>CAT of ILS/MLS<br>(VOR/ILS/MLS VAR) | ID              | Frequency           | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                                  |
|----------------------------------------------------|-----------------|---------------------|-----------------------|---------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 1                                                  | 2               | 3                   | 4                     | 5                                                 | 6                                              | 7                                                                                                        |
| VOR/DME<br>(4°E/2019)                              | DBK             | 115.4 MHZ<br>CH101X | H24                   | 423403.53N<br>0181522.00E                         | 556 FT                                         | MRA at 40NM:<br>QDR 169°- 300°<br>4000FT<br>Coverage 80 NM<br>- unusable between<br>QDR 057°-073°        |
| VOR/DME<br>(4°E/2019)                              | SPL             | 115.7 MHZ<br>CH104X | H24                   | 432947.69N<br>0161817.00E                         | 734 FT                                         | Range 100 NM                                                                                             |
| DME 11                                             | IDU             | 110.1 MHZ<br>CH38X  | H24                   | 423408.19N<br>0181507.96E                         | 571 FT                                         | Collocated with<br>GP11,<br>Orbit flight<br>DME 25 NM MRA:<br>140° - 310° 4000 FT<br>310° - 140° 6000 FT |
| NDB                                                | KLP             | 318 KHZ             | H24                   | 424009.42N<br>0180115.07E                         |                                                | 297°MAG/11.73 NM<br>from THR 11.<br>Range 50 NM                                                          |
| LOC 11                                             | IDU             | 110.1 MHZ           | H24                   | 423316.63N<br>0181706.77E                         |                                                | ILS CAT I<br>Not usable to 17 NM<br>outside 22° left<br>(North) of centre line.                          |
| GP 11                                              |                 | 334.4 MHZ           | H24                   | 423408.19N<br>0181507.94E                         |                                                | 3.0°, RDH 50 FT                                                                                          |
| MM11                                               | Dots-<br>Dashes | 75 MHZ              | H24                   | 423427.81N<br>0181408.83E                         |                                                |                                                                                                          |

## LDLO AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| RWY Designations | TRUE BRG | Dimensions of RWY (M) | Strength (PCN) and surface of RWY and SWY | THR COORD<br>RWY End COORD<br>THR Geoid<br>Undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|------------------|----------|-----------------------|-------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| 1                | 2        | 3                     | 4                                         | 5                                                     | 6                                                               |
| 02               | 021.58°  | 900 x 30              | 39/F/A/Y/T<br>ASPH                        | 443348.41N<br>0142330.59E<br>Nil<br>140 FT            | THR 129 FT                                                      |
| 20               | 201.58°  |                       |                                           | 443415.16N<br>0142345.39E<br>Nil<br>140 FT            | THR 146 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                    |
| 02               | Slope of RWY 02/20:<br>2% | Nil                | Nil                | 1020 x 140           | Lenght 90<br>Width 60 |
| 20               |                           | Nil                | Nil                |                      | Lenght 90<br>Width 60 |

| RWY Designations | Location and description of arresting system | OFZ | Remarks                                                                                                                                                                                                                                                                                              |
|------------------|----------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                | 12                                           | 13  | 14                                                                                                                                                                                                                                                                                                   |
| 02               | Nil                                          | Nil | Runway STRIP slope exceeds 5% beyond graded portion of runway STRIP<br>Along RWY 02/20 STRIP:<br>obstacle – airport fence<br>RWY 02 RESA slope exceeding 5% after 30M<br>RWY 20 RESA slope exceeding 5% after 15M<br>Type of RWY: Instrument-non precision.<br>AD AVBL for ACFT up to 27 000 KG MTOM |
| 20               | Nil                                          | Nil |                                                                                                                                                                                                                                                                                                      |

## LDLO AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|----------------|----------|----------|----------|---------|---------|
| 1              | 2        | 3        | 4        | 5       | 6       |
| 02             | 900      | 900      | 900      | 900     | Nil     |
| 20             | 900      | 900      | 900      | 900     | Nil     |

LDLO AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT<br>type / LEN /<br>INTST | THR<br>LGT<br>colour /<br>WBAR | VASIS type<br>(MEHT)      | TDZ<br>LGT<br>LEN | RWY<br>Centre<br>Line LGT<br>LEN /<br>spacing /<br>colour /<br>INTST | RWY<br>edge<br>LGT LEN<br>/ spacing<br>/ colour /<br>INTST   | RWY<br>End LGT<br>Colour /<br>WBAR | SWY<br>LGT LEN<br>(M) /<br>Colour | Remarks                                                                                                           |
|----------------|-----------------------------------|--------------------------------|---------------------------|-------------------|----------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 1              | 2                                 | 3                              | 4                         | 5                 | 6                                                                    | 7                                                            | 8                                  | 9                                 | 10                                                                                                                |
| 02             | Nil                               | G<br>Nil                       | PAPI<br>(41ft) 3°<br>Left | Nil               | Nil                                                                  | 900M,<br>50M, W,<br>LIL (last<br>300M,<br>50M,<br>Y CZ, LIL) | R<br>Nil                           | Nil                               | LED lights<br>used as<br>part of the<br>RWY<br>edge<br>lights on<br>both sides<br>of RWY,<br>and as<br>THR lights |
| 20             | Nil                               | G<br>Nil                       | Nil                       | Nil               | Nil                                                                  | 900M,<br>50M, W,<br>LIL (last<br>300M,<br>50M,<br>Y CZ, LIL) | R<br>Nil                           | Nil                               | LED lights<br>used as<br>part of the<br>RWY<br>edge<br>lights on<br>both sides<br>of RWY,<br>and as<br>THR lights |

LDLO AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

|   |                                                          |                                                                                                                              |
|---|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN white on TWR together with RWY lights, during AD HR SER on REQ                                                           |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | Nil<br>Anemometer: PSN 79 M left of RCL, DIST 312 M from (after) THR02, ICAO marked and LGTD.                                |
| 3 | TWY edge and centre line lighting                        | TWY A EDGE: B LIL<br>TWY B EDGE: B LIL<br>Spacing 25 M on a straight section, 14 M on a curve.                               |
| 4 | Secondary power supply/switch-over time                  | Available. Switch-over time: 0,1 SEC                                                                                         |
| 5 | Remarks                                                  | On RWY 02/20 turn pad lights , TWY edge lights: B LIL.<br>WDI: near Apron, between A and B intersection, internally lighted. |

**LDLO AD 2.16 HELICOPTER LANDING AREA**

|   |                                                              |                                                                                                     |
|---|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 1 | Coordinates TLOF or THR of FATO<br>Geoid undulation          | Nil                                                                                                 |
| 2 | TLOF and/or FATO elevation M/FT                              | Nil                                                                                                 |
| 3 | TLOF and FATO area dimensions, surface,<br>strength, marking | Nil                                                                                                 |
| 4 | True and MAG BRG of FATO                                     | Nil                                                                                                 |
| 5 | Declared distance available                                  | Nil                                                                                                 |
| 6 | APP and FATO lighting                                        | Nil                                                                                                 |
| 7 | Remarks                                                      | For takeoff and landings only on RWY 02/20. Parking<br>positions are determined by airport operator |

**LDLO AD 2.17 ATS AIRSPACE**

|   |                                   |                                                                                                                                                                                                                 |
|---|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits    | CTR Lošinj<br>444059N 0141533E<br>444424N 0143558E<br>443310N 0143921E<br>A circle R=8 NM centered at<br>443138N 0142822E (LOS NDB)<br>443004N 0141724E<br>to point of origin                                   |
| 2 | Vertical limits                   | 2000 FT ALT / GND                                                                                                                                                                                               |
| 3 | Airspace classification           | D                                                                                                                                                                                                               |
| 4 | ATS unit call sign<br>Language(s) | LOSINJ TWR / LOSINJ TORANJ<br>Croatian, English                                                                                                                                                                 |
| 5 | Transition altitude               | 10000 FT MSL                                                                                                                                                                                                    |
| 6 | Hours of applicability            | Upon NOTAM or AIP SUP                                                                                                                                                                                           |
| 7 | Remarks                           | Outside the operational hours of ATS Lošinj, ATZ Lošinj and RMZ<br>Lošinj activated within the same lateral limits as CTR, with vertical<br>limits up to 1000 FT AGL, airspace classification G.<br>REF AD 2.22 |

**LDLO AD 2.18 ATS COMMUNICATION FACILITIES**

| Service<br>designation | Call sign    | Frequency   | Hours of operation | Remarks    |
|------------------------|--------------|-------------|--------------------|------------|
| 1                      | 2            | 3           | 4                  | 5          |
| APP                    | PULA RADAR   | 124.600 MHZ | H24                | Nil        |
|                        |              | 127.675 MHZ | H24                | Nil        |
|                        |              | 121.500 MHZ | H24                | EMERG FREQ |
| Nil                    | LOSINJ RADIO | 120.300 MHZ | Outside TWR OPR HR | Nil        |

| Service designation | Call sign                       | Frequency   | Hours of operation    | Remarks      |
|---------------------|---------------------------------|-------------|-----------------------|--------------|
| 1                   | 2                               | 3           | 4                     | 5            |
| TWR                 | LOSINJ TOWER /<br>LOSINJ TORANJ | 120.300 MHz | Upon NOTAM or AIP SUP | Primary FREQ |
|                     | LOSINJ TOWER/LOSINJ TORANJ      | 121.500 MHz | Upon NOTAM or AIP SUP | EMERG FREQ   |

LDLO AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>CAT of ILS/MLS<br>(VOR/ILS/MLS<br>VAR) | ID  | Frequency                   | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                                                                                                                                                            |
|-------------------------------------------------------|-----|-----------------------------|-----------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                     | 2   | 3                           | 4                     | 5                                                 | 6                                              | 7                                                                                                                                                                                                                                  |
| VOR/DME<br>(4° E/2019)                                | NTL | 117.350<br>MHZ<br>(CH 120Y) | H24                   | 443359.44N<br>0142327.79E                         | 190 FT                                         | Coverage 80 NM, except between<br>QDR 330°-120° where coverage is<br>40 NM.<br><br>MRA at 40 NM:<br>QDR 020°-120° 10000 FT<br>QDR 120°-330° 5000 FT<br>QDR 330°-020° 12000 FT                                                      |
| VOR/DME<br>(4°E/2019)                                 | PUL | 111.25 MHz<br>CH49Y         | H24                   | 445332.52N<br>0135505.23E                         | 215 FT                                         | Coverage 100 NM except in QDR<br>309°-024°: Unsatisfactory VOR/<br>DME PUL power density due to<br>terrain (Flight profile: Orbit flight,<br>radius 40NM, 3000FT to 6500FT<br>QNH).                                                |
| VOR/DME<br>(4°E/2019)                                 | ZDA | 108.6 MHz<br>CH23X          | H24                   | 440543.16N<br>0152151.22E                         | 279 FT                                         | Range 100 NM except in sectors<br>QDR 334°- 044 °clockwise and<br>QDR 124°- 274° clockwise where<br>coverage is reduced due to terrain.                                                                                            |
| DME                                                   | LSJ | CH21Y                       | H24                   | 443057.23N<br>0142927.66E                         | 722 FT                                         | Coverage 80 NM except BTN QDR<br>044°-074° clockwise and QDR<br>104°-114° clockwise, where<br>unsatisfactory power density and<br>reduced coverage due to terrain<br>(Flight profile: Orbit flight, radius 40<br>NM, 8000 FT QNH). |
| NDB                                                   | SAL | 421 KHZ                     | H24                   | 435616.30N<br>0151005.20E                         |                                                | MRA at 25 NM 4000 FT                                                                                                                                                                                                               |
| NDB                                                   | CRE | 433 KHZ                     | H24                   | 445410.37N<br>0142459.57E                         |                                                | Range 50 NM                                                                                                                                                                                                                        |
| NDB                                                   | LOS | 429 KHZ                     | H24                   | 443137.55N<br>0142822.25E                         |                                                | 118°MAG/4.10 NM from LDLO<br>THR 02.<br>Range 50 NM                                                                                                                                                                                |

LDLO AD 2.20 LOCAL AERODROME REGULATIONS

Arriving aircraft shall in due time before entering the RMZ make an initial call on the RMZ frequency, according to SERA.6005 (a) (2).

**LDOS AD 2.14 APPROACH AND RUNWAY LIGHTING**

| RWY Designator | APCH LGT<br>type / LEN /<br>INTST  | THR<br>LGT<br>colour /<br>WBAR | VASIS type<br>(MEHT)        | TDZ<br>LGT<br>LEN | RWY<br>Centre<br>Line LGT<br>LEN /<br>spacing /<br>colour /<br>INTST | RWY edge<br>LGT LEN /<br>spacing /<br>colour /<br>INTST | RWY<br>End LGT<br>Colour /<br>WBAR | SWY<br>LGT LEN<br>(M) /<br>Colour | Remarks |
|----------------|------------------------------------|--------------------------------|-----------------------------|-------------------|----------------------------------------------------------------------|---------------------------------------------------------|------------------------------------|-----------------------------------|---------|
| 1              | 2                                  | 3                              | 4                           | 5                 | 6                                                                    | 7                                                       | 8                                  | 9                                 | 10      |
| 11             | SALS (E)<br>420 M<br>W VRB<br>LIH  | G<br>VRB LIH                   | PAPI<br>(52 FT)<br>LEFT, 3° | NIL               | NIL                                                                  | 2500 M<br>60 M<br>W VRB<br>LIH<br>Y CZ 600 M            | R<br>VRB<br>LIH                    | NIL                               | NIL     |
| 29             | CAT I (A)<br>900 M<br>W VRB<br>LIH | G<br>VRB<br>LIH                | PAPI<br>(52 FT)<br>LEFT, 3° | NIL               | NIL                                                                  | 2500 M<br>60 M<br>W VRB<br>LIH<br>Y CZ 600 M            | R<br>VRB<br>LIH                    | NIL                               | NIL     |

**LDOS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |                                                          |                                                                                                                                                                                                                                                                                                                                                        |
|---|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ABN/IBN location, characteristics and hours of operation | NIL                                                                                                                                                                                                                                                                                                                                                    |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | NIL<br>Anemometer RWY 11: position 115 M right of RCL, distance 374 M from (after) THR 11, ICAO marked and lighted.<br>Anemometer RWY 29: position 137 M left of RCL, distance 301 M from (after) THR 29, ICAO marked and lighted.<br>WDI Position: 1151 M from THR 11 and 91 M left from RCL, 1349 M from THR 29 and 91 M right from RCL.<br>Lighted. |
| 3 | TWY edge and centre line lighting                        | TWY A EDGE: B VRB LIL<br>TWY B EDGE: B VRB LIL<br>APRON TWY EDGE: B VRB LIL                                                                                                                                                                                                                                                                            |
| 4 | Secondary power supply/switch-over time                  | Available/ 1 SEC: RWY lights (THR 11, THR 29, RWY End, RWY Edge, Vertical signs, RWY guard lights), TWY lights (Edge, Vertical signs), Vertical Airport Marking aids and Signs, Approach lighting, PAPI units;<br>8 SEC: all other lighting at AD                                                                                                      |
| 5 | Remarks                                                  | RWY turn pad marking lights on turn pad THR 11 and on turn pad THR 29 are not available.                                                                                                                                                                                                                                                               |

## LDOS AD 2.16 HELICOPTER LANDING AREA

|   |                                                              |                                                                                                            |
|---|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 1 | Coordinates TLOF or THR of FATO<br>Geoid undulation          | NIL                                                                                                        |
| 2 | TLOF and/or FATO elevation M/FT                              | NIL                                                                                                        |
| 3 | TLOF and FATO area dimensions, surface,<br>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 are to be used in accordance with the aerodrome operator instructions. |

## LDOS AD 2.17 ATS AIRSPACE

|   |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits    | CTR Osijek<br>453642N 0183557E<br>453027N 0185943E<br>452853N 0185922E<br>Along the FIR boundary Zagreb/Beograd.<br>452140N 0185952E<br>451714N 0185645E<br>452614N 0183019E<br>453642N 0183557E                                                                                                                                                                                                                                        |
| 2 | Vertical limits                   | 3000 FT ALT / GND                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 3 | Airspace classification           | D                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 4 | ATS unit call sign<br>Language(s) | OSIJEK TOWER / OSIJEK TORANJ<br>Croatian, English                                                                                                                                                                                                                                                                                                                                                                                       |
| 5 | Transition altitude               | 10000 FT MSL                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 6 | Hours of applicability            | Upon NOTAM or AIP SUP                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 7 | Remarks                           | For airspace description outside LDOS ATS operational hours see AIP ENR 2.1 (Uncontrolled Airspace and CTA Zagreb).<br>Outside LDOS ATS operating hours, RMZ Osijek activated within same lateral limits as CTR Osijek, 1000 FT AGL/GND.<br>Outside LDOS ATS operating hours, ATZ Osijek is active. ATZ Osijek is defined as a circle of R=2.5 NM centered at LDOS ARP, 1000 FT AGL/GND, classified as G class airspace.<br>REF AD 2.22 |

---

**LDPL AD 2**

---

---

**LDPL AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

---

**LDPL - AIRPORT PULA / Pula**

---

**LDPL AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

---

|   |                                                                       |                                                                                                                                                                                                                                                                               |
|---|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and its site                                          | 445336.72N 0135519.89E<br>088°/1476 M from THR 09                                                                                                                                                                                                                             |
| 2 | Direction and distance from (city)                                    | 067°, 6 KM from the centre of Pula                                                                                                                                                                                                                                            |
| 3 | Elevation/Reference temperature                                       | 275 FT / 30.6°C (JUL)                                                                                                                                                                                                                                                         |
| 4 | Geoid undulation at AD ELEV PSN                                       | 142 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: PULA AIRPORT Ltd.<br>Valtursko polje 210,<br>P.O.Box 89<br>52204 Ližnjan<br><br>Phone: (+385 52) 530100<br>Fax: (+385 52) 550915<br>SITA: PUYAPXH<br>Email: uprava@airport-pula.hr<br><br>web site: <a href="http://www.airport-pula.hr">http://www.airport-pula.hr</a> |
| 7 | Types of traffic permitted (IFR/VFR)                                  | IFR/VFR                                                                                                                                                                                                                                                                       |
| 8 | Remarks                                                               | NIL                                                                                                                                                                                                                                                                           |

## LDPL AD 2.3 OPERATIONAL HOURS

|    |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | AD Operator                | Upon NOTAM during Winter season.<br>0400 - 2000 UTC during Summer season.                                                                                                                                                                                                                                                                                                                                                                                     |
| 2  | Customs and immigration    | As AD HR SER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3  | Health and sanitation      | As AD HR SER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4  | AIS Briefing Office        | H24 - Central ARO Split, TEL: +385 21 205 444, FAX: +385 21 895 227,<br>URL: <a href="https://ib.crocontrol.hr">https://ib.crocontrol.hr</a>                                                                                                                                                                                                                                                                                                                  |
| 5  | ATS Reporting Office (ARO) | H24 - Central ARO Split, TEL: +385 21 205 444, FAX: +385 21 895 227,<br>URL: <a href="https://ib.crocontrol.hr">https://ib.crocontrol.hr</a>                                                                                                                                                                                                                                                                                                                  |
| 6  | MET Briefing Office        | H24                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 7  | ATS                        | H24                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8  | Fuelling                   | As AD HR SER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 9  | Handling                   | As AD HR SER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 10 | Security                   | H24                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 11 | De-icing                   | As AD HR SER                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 12 | Remarks                    | All flights with a schedule approved outside 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.<br>Outside AD HR SER, upon AD Operator approval only, PPR sent via SITA PUYAPXH or via e-mail: <a href="mailto:operations@airport-pula.hr">operations@airport-pula.hr</a> 24 HR before planned flight operations. |

## LDPL AD 2.4 HANDLING SERVICES AND FACILITIES

|   |                                         |                                                                                                                                                                      |
|---|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cargo-handling facilities               | 6 self-propelled conveyor belts<br>1 towing tractor<br>28 container dollies<br>69 luggage dollies<br>1 fork lift 2 tonnes/ 3.2 M<br>2 cargo loader 7.5 tonnes/ 5.6 M |
| 2 | Fuel and oil types                      | JET A1, AVGAS 100LL / Oil - NIL                                                                                                                                      |
| 3 | Fuelling facilities and capacity        | JET A1<br>Fuel farm: 400 000 L<br>1 Fuel Truck: 63 000 L<br>1 Fuel Truck: 40 000 L<br>AVGAS 100LL<br>Fuel farm: 50 000 L<br>1 Fuel Truck: 4 000 L                    |
| 4 | De-icing facilities                     | 1 de-icing vehicle, maximum working height 14 M,<br>de/anti-icing fluid: TYPE IV                                                                                     |
| 5 | Hangar space for visiting aircraft      | NIL                                                                                                                                                                  |
| 6 | Repair facilities for visiting aircraft | NIL                                                                                                                                                                  |
| 7 | Remarks                                 | NIL                                                                                                                                                                  |

|   |         |                                                                                                                                                                            |
|---|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6 | Remarks | TWY shoulders:<br>Width: 7.5 M<br>Surface: grass<br>On TWY curves and intersections judgemental oversteering method required for ACFT with wheelbase greater than 18.59 M. |
|---|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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 | TWY guidance signs, ACFT stand TXL, self-manoeuving stands, "Follow me" vehicle, Marshaller                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2 | RWY and TWY markings and LGT                                                                                  | RWY 09/27: designation, CL, THR, aiming point, TDZ, side stripe/LGT, turn pad THR 27*/LGT, end LGT.<br>TWY A - CL, enhanced TWY CL, RWY-HLDG position, mandatory instruction marking, non-load bearing marking, edges LGT.<br>TWY B - CL, enhanced TWY CL, RWY-HLDG position, mandatory instruction marking, non-load bearing marking, edges LGT.<br>TWY C - CL, enhanced TWY CL, RWY-HLDG position, mandatory instruction marking, edges LGT.<br>TWY D - CL, enhanced TWY CL, RWY-HLDG position, mandatory instruction marking, edges LGT.<br>TWY E - CL, enhanced TWY CL, RWY-HLDG position, mandatory instruction marking, non-load bearing marking, edges LGT.<br>TWY F - CL, enhanced TWY CL, RWY-HLDG position, mandatory instruction marking, edges LGT.<br>TWY G - CL, enhanced TWY CL, RWY-HLDG position, mandatory instruction marking, edges LGT.<br>TWY H - CL, enhanced TWY CL, RWY-HLDG position, mandatory instruction marking, edges LGT. |
| 3 | Stop bars                                                                                                     | NIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 4 | Remarks                                                                                                       | Vertical signs on MOV area are to be used during daylight only and in VIS COND greater than 800 M or RVR 550 M (CAT I).<br>*THR 27 RWY Turn Pad marking restrictions:<br>180° turn not possible for ACFT wheel base more than 26.2 M, for ACFT with wheel base more than 17.3 M turning angle more than 45°.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## LDPL AD 2.10 AERODROME OBSTACLES

### Obstacles in Area 2:

| Area 2A                 |           |               |            |                                              |         |
|-------------------------|-----------|---------------|------------|----------------------------------------------|---------|
| OBST ID/<br>Designation | OBST type | OBST position | ELEV / HGT | Markings/<br>Type, colour,<br>lighting (LGT) | Remarks |
| a                       | b         | c             | d          | e                                            | f       |
| NIL                     | NIL       | NIL           | NIL        | NIL                                          | NIL     |

See LDPL AD 2.24.4 AOC RWY 09/27 -1

Obstacles in Area 2B, 2C and 2D data currently not available.

Detailed description of obstacles that penetrate the obstacle limitation surfaces currently not available.

Detailed description of obstacles that penetrate the take-off flight path area obstacle identification surface currently not available.

Detailed description of obstacles assessed as being hazardous to air navigation currently not available.

Obstacles in Area 3: NIL

## LDPL AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

|    |                                                                     |                                                                                                                                                                                                                   |
|----|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Associated MET Office                                               | PULA                                                                                                                                                                                                              |
| 2  | Hours of service<br>MET Office outside hours                        | H24                                                                                                                                                                                                               |
| 3  | Office responsible for TAF preparation<br>Periods of validity       | MWO ZAGREB<br>TAF (24HR)                                                                                                                                                                                          |
| 4  | Trend Forecast<br>Interval of issuance                              | TREND<br>30 MIN                                                                                                                                                                                                   |
| 5  | Briefing/consultation provided                                      | URL: <a href="https://ib.crocontrol.hr">https://ib.crocontrol.hr</a><br>or by TEL: +385 52 372 521, +385 52 552 506                                                                                               |
| 6  | Flight documentation<br>Language(s) used                            | <ul style="list-style-type: none"><li>• URL: <a href="https://ib.crocontrol.hr">https://ib.crocontrol.hr</a> or if URL unavailable by TEL: +385 52 372 520, +385 52 552 505</li><li>• Croatian, English</li></ul> |
| 7  | Charts and other information available for briefing or consultation | <ul style="list-style-type: none"><li>• ICE, TURB and CB forecasts</li><li>• Lightning data</li><li>• Satellite images</li><li>• Radar images</li></ul>                                                           |
| 8  | Supplementary equipment available for providing information         | URL: <a href="https://met.crocontrol.hr">https://met.crocontrol.hr</a>                                                                                                                                            |
| 9  | ATS units provided with information                                 | Pula TWR, Pula APP                                                                                                                                                                                                |
| 10 | Additional information (limitation of service, etc.)                | See LDPL AD 2.20.4                                                                                                                                                                                                |

## LDPL AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| RWY Designations | TRUE BRG | Dimensions of RWY (M) | Strength (PCN) and surface of RWY and SWY | THR COORD<br>RWY End COORD<br>THR Geoid<br>Undulation | THR elevation and highest elevation of TDZ of precision APP RWY |
|------------------|----------|-----------------------|-------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| 1                | 2        | 3                     | 4                                         | 5                                                     | 6                                                               |
| 09               | 088.25°  | 2946 x 45             | PCN 59/R/A/W/T<br>ASPH                    | 445335.27N<br>0135412.67E<br>NIL<br>142 FT            | THR 168 FT                                                      |
| 27               | 268.28°  |                       |                                           | 445338.16N<br>0135626.85E<br>NIL<br>141.6 FT          | THR 275 FT<br>TDZ 275 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                           |
| 09               | Slope of RWY:<br>09/27: 1.1%<br>See Remarks | NIL                | NIL                | 3066 x 300           | Length: 240 M<br>Width: 90 M |
| 27               |                                             | NIL                | NIL                |                      | Length: 240 M<br>Width: 90 M |

| RWY Designations | Location and description of arresting system | OFZ | Remarks                                                                                                                                                                                                                 |
|------------------|----------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                | 12                                           | 13  | 14                                                                                                                                                                                                                      |
| 09               | NIL                                          | NIL | RWY shoulders:<br>Width: 7.5 M<br>Surface: grass<br><br>Slope of RWY:<br>0.6% (0 - 1080 M)<br>1.1% (1080 - 2160 M)<br>1.8% (2160 - 2946 M)<br>For RWY slope see AOC RWY 09/27 additionally.                             |
| 27               | NIL                                          | NIL | RWY shoulders and RWY turn pad shoulders:<br>Width: 7.5 M<br>Surface: grass<br><br>Slope of RWY:<br>-1.8% (0 - 786 M)<br>-1.1% (786 - 1866 M)<br>-0.6% (1866 - 2946 M)<br>For RWY slope see AOC RWY 09/27 additionally. |

LDPL AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks            |
|----------------|----------|----------|----------|---------|--------------------|
| 1              | 2        | 3        | 4        | 5       | 6                  |
| 09             | 2946     | 2946     | 2946     | 2946    | NIL                |
|                | 1706     | 1706     | 1706     | Nil     | Intersection TWY C |
| 27             | 2946     | 2946     | 2946     | 2946    | NIL                |
|                | 2005     | 2005     | 2005     | Nil     | Intersection TWY D |
|                | 2504     | 2504     | 2504     | Nil     | Intersection TWY E |

LDPL AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator | APCH LGT<br>type / LEN /<br>INTST | THR<br>LGT<br>colour /<br>WBAR | VASIS type<br>(MEHT)       | TDZ<br>LGT<br>LEN | RWY<br>centre<br>line LGT<br>LEN /<br>spacing /<br>colour /<br>INTST | RWY edge<br>LGT LEN /<br>spacing /<br>colour /<br>INTST | RWY<br>end LGT<br>colour /<br>WBAR | SWY<br>LGT LEN<br>(M) /<br>colour | Remarks |
|----------------|-----------------------------------|--------------------------------|----------------------------|-------------------|----------------------------------------------------------------------|---------------------------------------------------------|------------------------------------|-----------------------------------|---------|
| 1              | 2                                 | 3                              | 4                          | 5                 | 6                                                                    | 7                                                       | 8                                  | 9                                 | 10      |
| 09             | SALS<br>420 M<br>R VRB LIL        | G<br>VRB LIH                   | PAPI<br>left 3°<br>(61 FT) | NIL               | NIL                                                                  | VRB<br>YCZ 600 M<br>W<br>LIH                            | R<br>VRB LIH                       | NIL                               | NIL     |
| 27             | SALS<br>420 M<br>R VRB LIL        | G<br>VRB LIH                   | PAPI<br>left 3°<br>(52 FT) | NIL               | NIL                                                                  | VRB<br>YCZ 600 M<br>W<br>LIH                            | R<br>VRB LIH                       | NIL                               | NIL     |

LDPL AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

|   |                                                       |                                                                                                                                                                                                            |
|---|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ABN/IBN location, characteristics and HR of operation | NIL                                                                                                                                                                                                        |
| 2 | LDI location and LGT<br>Anemometer location and LGT   | NIL<br>Anemometer RWY 09: PSN 122 M right of RCL, DIST 476 M from (after) THR 09, ICAO marked and LGTD.<br>Anemometer RWY 27: PSN 100 M left of RCL, DIST 471 M from (after) THR 27, ICAO marked and LGTD. |
| 3 | TWY edge and centre line lighting                     | TWY A edge: B VRB LIL<br>TWY B edge: B VRB LIL<br>TWY C edge: B VRB LIL<br>TWY D edge: B VRB LIL<br>TWY E edge: B VRB LIL<br>TWY F edge: B VRB LIL<br>TWY G edge: B VRB LIL<br>TWY H edge: B VRB LIL       |
| 4 | Secondary power supply/switch-over time               | SRY PWR supply to all LGT at AD.<br>Switch-over time: 10 SEC.                                                                                                                                              |

|   |         |                                                                                                                                                         |
|---|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5 | Remarks | WDI: DIST 1465 M left from (after) THR 09, ICAO marked and LGTD.<br>DIST 1481 M right from (after) THR 27, ICAO marked and LGTD.<br>APN edge: B VRB LIL |
|---|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

## LDPL AD 2.16 HELICOPTER LANDING AREA

|   |                                                              |                    |
|---|--------------------------------------------------------------|--------------------|
| 1 | Coordinates TLOF or THR of FATO<br>Geoid undulation          | NIL                |
| 2 | TLOF and/or FATO elevation M/FT                              | NIL                |
| 3 | TLOF and FATO area dimensions, surface,<br>strength, marking | NIL                |
| 4 | True and MAG BRG of FATO                                     | NIL                |
| 5 | Declared distance available                                  | NIL                |
| 6 | APP and FATO lighting                                        | NIL                |
| 7 | Remarks                                                      | See LDPL AD 2.20.3 |

## LDPL AD 2.17 ATS AIRSPACE

|   |                                   |                                                                                                                                                      |
|---|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits    | CTR Pula<br>445758N 0134047E<br>450339N 0134653E<br>450349N 0141115E<br>444709N 0141152E<br>444229N 0134359E<br>444800N 0134107E<br>445758N 0134047E |
| 2 | Vertical limits                   | 2500 FT ALT / GND                                                                                                                                    |
| 3 | Airspace classification           | D                                                                                                                                                    |
| 4 | ATS unit call sign<br>Language(s) | PULA TORANJ / PULA TOWER<br>Croatian, English                                                                                                        |
| 5 | Transition altitude               | 10000 FT MSL                                                                                                                                         |
| 6 | Hours of applicability            | H24                                                                                                                                                  |
| 7 | Remarks                           | NIL                                                                                                                                                  |

## LDPL AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign                   | Frequency   | Hours of operation | Remarks                                                             |
|---------------------|-----------------------------|-------------|--------------------|---------------------------------------------------------------------|
| 1                   | 2                           | 3           | 4                  | 5                                                                   |
| APP                 | PULA RADAR                  | 124.600 MHZ | H24                | If no contact, contact Pula Radar on 127.675 MHZ                    |
|                     |                             | 127.675 MHZ | H24                | If no contact, contact Pula Radar on 124.600 MHZ                    |
|                     |                             | 121.500 MHZ | H24                | EMERG FREQ                                                          |
| TWR                 | PULA TORANJ /<br>PULA TOWER | 132.000 MHZ | H24                | Primary FREQ<br>If no contact on TWR frequency, contact Pula Radar. |
|                     |                             | 120.000 MHZ | H24                | ALTN FREQ<br>If no contact on TWR frequency, contact Pula Radar.    |
| ATIS                | PULA ATIS                   | 129.150 MHZ | As AD HR SER       |                                                                     |

## LDPL AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>CAT of ILS/MLS<br>(VOR/ILS/MLS VAR) | ID  | Frequency                | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                                                                                                                                                                  |
|----------------------------------------------------|-----|--------------------------|-----------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                  | 2   | 3                        | 4                     | 5                                                 | 6                                              | 7                                                                                                                                                                                                                                        |
| VOR/DME<br>(4° E/2019)                             | NTL | 117.350 MHZ<br>(CH 120Y) | H24                   | 443359.44N<br>0142327.79E                         | 190 FT                                         | Coverage 80 NM, except<br>between QDR 330°-120°<br>where coverage is 40 NM.<br><br>MRA at 40 NM:<br>QDR 020°-120° 10000 FT<br>QDR 120°-330° 5000 FT<br>QDR 330°-020° 12000 FT                                                            |
| VOR/DME<br>(4°E/2019)                              | PUL | 111.25 MHZ<br>CH49Y      | H24                   | 445332.52N<br>0135505.23E                         | 215 FT                                         | Coverage 100 NM except in<br>QDR 309°-<br>024°:Unsatisfactory VOR/<br>DME PUL power density due<br>to terrain (Flight profile: orbit<br>flight, radius 40NM, 3000FT<br>to 6500FT QNH).                                                   |
| DME                                                | LSJ | CH21Y                    | H24                   | 443057.23N<br>0142927.66E                         | 722 FT                                         | Coverage 80 NM except BTN<br>QDR 044°-074° clockwise<br>and QDR 104°-114°<br>clockwise, where<br>unsatisfactory power density<br>and reduced coverage due to<br>terrain (Flight profile: Orbit<br>flight, radius 40 NM, 8000 FT<br>QNH). |
| NDB                                                | CRE | 433 KHZ                  | H24                   | 445410.37N<br>0142459.57E                         |                                                | Range 50 NM                                                                                                                                                                                                                              |

| Type of aid<br>CAT of ILS/MLS<br>(VOR/ILS/MLS VAR) | ID                | Frequency | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                                      |
|----------------------------------------------------|-------------------|-----------|-----------------------|---------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1                                                  | 2                 | 3         | 4                     | 5                                                 | 6                                              | 7                                                                                                            |
| NDB                                                | KAV               | 265 KHZ   | H24                   | 445343.27N<br>0140029.66E                         |                                                | 084°MAG/2.88 NM from THR<br>27.<br><br>MRA at 25 NM:<br>sector 070°-310° 5000 FT<br>sector 310°-070° 7000 FT |
| NDB                                                | LOS               | 429 KHZ   | H24                   | 443137.55N<br>0142822.25E                         |                                                | 118°MAG/4.10 NM from<br>LDLO THR 02.<br>Range 50 NM                                                          |
| NDB                                                | PLA               | 351.5 KHZ | H24                   | 445321.15N<br>0134512.66E                         |                                                | 264°MAG/6.41 NM from THR<br>09.<br>Coverage 50 NM.                                                           |
| LOC 27                                             | IPU               | 111.5 MHZ | H24                   | 445335.03N<br>0135401.39E                         |                                                | ILS CAT I<br>LOC coverage 17 NM MRA<br>3000 FT<br>LOC coverage 25 NM MRA<br>4000 FT                          |
| GP 27                                              |                   | 332.9 MHZ | H24                   | 445333.87N<br>0135607.91E                         |                                                | 3.2°, RDH 15.85 M (52 FT)                                                                                    |
| MM27                                               | Dots-<br>Dashes   | 75 MHZ    | H24                   | 445339.18N<br>0135712.92E                         |                                                | From THR 27 = 0.55 NM<br>Intersect heights: 223.1 FT                                                         |
| OM27                                               | Dashes-<br>Dashes | 75 MHZ    | H24                   | 445343.28N<br>0140029.09E                         |                                                | From THR 27 = 2.87 NM<br>Intersect heights: 1036.8 FT                                                        |

## LDPL AD 2.20 LOCAL AERODROME REGULATIONS

ATC DEP clearance and DEP INFO are available on Pula TWR FREQ 15 MIN before start up.

WARNING: Gusts, wind shear and turbulence can be expected on final approach to/climb out from RWY 09 in conditions of strong east-north-easterly winds.

### LDPL AD 2.20.1 CODE LETTER E AND FOUR-ENGINE AIRCRAFT OPERATION

Prior and after code letter E ACFT LDG, TAX or TKOF, RWY and TWY will be checked by responsible department.  
Prior to and after four ENG ACFT LDG, TAX or TKOF RWY and TWY (including shoulders) will be checked by responsible department. It is recommended to use outer ENG on idle PWR during TAX.

Recommended safety DIST (4 M) are not met on TWY curves and INT with other TWY and RWY. Judgemental oversteering method required for ACFT with wheelbase greater than 18.59 M. Extra caution advised while entering/exiting TWY B and TWY E from/to RWY.

For TAX on RWY 27 turn pad: see LDPL AD 2.9, 4. Remarks. It is recommended to use asymmetric thrust and slow speed when turning on the turn pad.

It is not allowed to use TWY F for code letter E ACFT.

| List of ACFT approved to operate with higher aerodrome reference code letter |                  |
|------------------------------------------------------------------------------|------------------|
| Airbus A330-300                                                              | Boeing 747-400   |
| Airbus A330-900                                                              | Boeing 767-400   |
| Airbus A340-200                                                              | Boeing 777-200   |
| Airbus A340-300                                                              | Boeing 777-200LR |

| List of ACFT approved to operate with higher aerodrome reference code letter |                          |
|------------------------------------------------------------------------------|--------------------------|
| Airbus A340-500                                                              | Boeing 777-300           |
| Airbus A350-900                                                              | Boeing 777-300ER         |
|                                                                              | Boeing 787-800           |
|                                                                              | Boeing 787-900           |
|                                                                              | Boeing 787-10 Dreamliner |

## LDPL AD 2.20.2 TAXI PROCEDURES

Minimum power settings are to be used when taxiing on apron and away from parking position.  
Only aircraft with wingspans up to 36 M are allowed to taxi via Taxilane 1 and Taxilane 2.

For other restrictions, adhere strictly to TWR instructions and marshaller guidance.

### Arrivals:

'Follow me' guidance is mandatory for all arriving aircraft entering apron from TWY F, TWY G or TWY H.  
For further information, see LDPL AD 2.24.2 APDC -1 (Aircraft Parking/Docking Chart).

### Departures:

All parking positions are self-manoeuvring for departure under marshaller guidance.  
Start-up, towing clearance, and taxi instructions will be provided via Pula TWR FREQ.  
For further information see LDPL AD 2.24.2 APDC -1 (Aircraft Parking/Docking Chart).

## LDPL AD 2.20.3 HELICOPTER OPERATIONS

All arrival and departure HEL operations shall use the RWY and shall not carry out final approach or takeoff from the APN or TWY. After landing, HEL shall use ground-taxi route or air-taxi route to the assigned aircraft parking position.

Before entering the APN, HEL must wait on TWY F, G, or H for the "Follow Me" vehicle and strictly follow the instructions of the parking marshaller. Special attention shall be given to the distance from the rotor tip and the effect of wind velocity/turbulence induced by rotor downwash while the helicopter is operating on the maneuvering area.

## LDPL AD 2.20.4 ADVERSE WEATHER CONDITIONS

Ground handling SER will be suspended during adverse WX COND, such as high WIND exceeding 40 KT, HVY RA, and TS within 5 KM of ARP. Arriving ACFT must follow the "Follow Me" vehicle TAX instructions without marshalling signals on the ACFT stand.

---

## LDPL AD 2.21 NOISE ABATEMENT PROCEDURES

---

NIL

---

## LDPL AD 2.22 FLIGHT PROCEDURES

---

### SID RWY 09

Calculation of the SIDs is based on an all-engines operative minimum net climb gradient of 4.4 per cent (267 FT/NM).  
Assume minimum net climb gradient of 3.3 per cent (201 FT/NM) after passing 500 FT QNH.  
WARNING: Close-in obstacles. See inset on the chart.

| RWY Designator | APCH LGT<br>type / LEN /<br>INTST | THR<br>LGT<br>colour /<br>WBAR | VASIS<br>type<br>(MEHT)    | TDZ<br>LGT<br>LEN | RWY<br>Centre<br>Line LGT<br>LEN /<br>spacing /<br>colour /<br>INTST | RWY edge LGT<br>LEN / spacing /<br>colour / INTST | RWY<br>End LGT<br>Colour /<br>WBAR | SWY<br>LGT LEN<br>(M) /<br>Colour | Remarks                                     |
|----------------|-----------------------------------|--------------------------------|----------------------------|-------------------|----------------------------------------------------------------------|---------------------------------------------------|------------------------------------|-----------------------------------|---------------------------------------------|
| 1              | 2                                 | 3                              | 4                          | 5                 | 6                                                                    | 7                                                 | 8                                  | 9                                 | 10                                          |
| 32             | SALS<br>420 M<br>LIH              | G                              | PAPI<br>(59 FT)<br>LEFT/3° | Nil               | 2500 M<br>15 M<br>W VRB<br>LIH                                       | 2500 M<br>60 M<br>YCZ 600 M<br>VRB<br>W LIH       | R                                  | Nil                               | LED lights: APCH,<br>RCL and RWY<br>End LGT |

## LDRI AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

|   |                                                          |                                                                                                                                                                                                        |
|---|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ABN/IBN location, characteristics and hours of operation | Nil                                                                                                                                                                                                    |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | WDI: 1228 M after THR 14, on the left side, lighted;<br>1272 M after THR 32, on the right side, lighted.<br>Anemometer 1: 318.04 M from THR 14, lighted<br>Anemometer 2: 295.57 M from THR 32, lighted |
| 3 | TWY edge and centre line lighting                        | TWY A EDGE: B VRB LIL; Centre line: Nil<br>TWY B EDGE: B VRB LIL; Centre line: Nil                                                                                                                     |
| 4 | Secondary power supply/switch-over time                  | AVBL, switch-over time: 10 SEC                                                                                                                                                                         |
| 5 | Remarks                                                  | Nil                                                                                                                                                                                                    |

## LDRI AD 2.16 HELICOPTER LANDING AREA

|   |                                                           |     |
|---|-----------------------------------------------------------|-----|
| 1 | Coordinates TLOF or THR of FATO<br>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                                                   | Nil |

## LDRI AD 2.17 ATS AIRSPACE

|   |                                   |                                                                                                                         |
|---|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits    | CTR Rijeka<br>452815N 0142611E<br>450454N 0145038E<br>445714N 0143623E<br>452039N 0141058E<br>to point of origin.       |
| 2 | Vertical limits                   | 4000 FT ALT / GND                                                                                                       |
| 3 | Airspace classification           | D                                                                                                                       |
| 4 | ATS unit call sign<br>Language(s) | RIJEKA TORANJ / RIJEKA TOWER<br>Croatian, English                                                                       |
| 5 | Transition altitude               | 10000 FT MSL                                                                                                            |
| 6 | Hours of applicability            | H24                                                                                                                     |
| 7 | Remarks                           | If ATS is not available, RMZ Rijeka activated within same lateral limits as CTR Rijeka, 1000 FT AGL/GND.<br>REF AD 2.22 |

**LDSB AD 2.14 APPROACH AND RUNWAY LIGHTING**

| RWY Designator | APCH LGT<br>type / LEN /<br>INTST | THR<br>LGT<br>colour /<br>WBAR | VASIS<br>type<br>(MEHT) | TDZ<br>LGT<br>LEN | RWY<br>Centre<br>Line LGT<br>LEN<br>spacing /<br>colour /<br>INTST | RWY<br>edge<br>LGT LEN /<br>spacing / colour /<br>INTST                  | RWY<br>End LGT<br>Colour /<br>WBAR | SWY<br>LGT LEN<br>(M) /<br>Colour | Remarks |
|----------------|-----------------------------------|--------------------------------|-------------------------|-------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------|-----------------------------------|---------|
| 1              | 2                                 | 3                              | 4                       | 5                 | 6                                                                  | 7                                                                        | 8                                  | 9                                 | 10      |
| 03             | SALS (E)<br>420 M<br>W<br>LIH     | G<br>VRB<br>LIH                | PAPI<br>3°<br>(36 FT)   | Nil               | Nil                                                                | 1 620 M<br>60 M<br>W - 1160 M before<br>RWY End; Y -last<br>600 M<br>LIH | R<br>VRB<br>LIH                    | Nil                               | Nil     |
| 21             | SALS (E)<br>420 M<br>W LIM        | G<br>VRB<br>LIH                | PAPI<br>3°<br>(46 FT)   | Nil               | Nil                                                                | 1 700 M<br>60 M<br>W - 1100 M before<br>RWY End; Y-last<br>600 M<br>LIH  | R<br>VRB<br>LIH                    | Nil                               | Nil     |

**LDSB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |                                                          |                                                                                                                                                                                                                                                                                                   |
|---|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ABN/IBN location, characteristics and hours of operation | Nil                                                                                                                                                                                                                                                                                               |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | Nil<br>Anemometer 1: (RWY03), height 8 M AGL, position 96 M left of RCL, distance 200 M from THR03, ICAO marked and lighted.<br>Anemometer 2: (RWY21), height 10 M AGL, position 69 M left of RCL, distance 240 M from THR21, ICAO marked and lighted.<br>WDI: see location on LDSB AD 2.24.1 ADC |
| 3 | TWY edge and centre line lighting                        | TWY EDGE: Blue LIL                                                                                                                                                                                                                                                                                |
| 4 | Secondary power supply/switch-over time                  | available, switch-over time: 5 SEC                                                                                                                                                                                                                                                                |
| 5 | Remarks                                                  | Apron EDGE: Blue LIL, WDI                                                                                                                                                                                                                                                                         |

## LDSB AD 2.16 HELICOPTER LANDING AREA

|   |                                                              |                                                                                 |
|---|--------------------------------------------------------------|---------------------------------------------------------------------------------|
| 1 | Coordinates TLOF or THR of FATO<br>Geoid undulation          | Nil                                                                             |
| 2 | TLOF and/or FATO elevation M/FT                              | Nil                                                                             |
| 3 | TLOF and FATO area dimensions, surface,<br>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 are used according to Airfield Authorities. |

## LDSB AD 2.17 ATS AIRSPACE

|   |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits    | CTR Brač<br>432407N 0163907E<br>431238N 0170124E<br>430623N 0163848E<br>431207N 0162737E<br>432407N 0163907E                                                                                                                                                                                                                                                                                                                                                                       |
| 2 | Vertical limits                   | 4000 FT ALT / GND                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3 | Airspace classification           | D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4 | ATS unit call sign<br>Language(s) | BRAC TORANJ / BRAC TOWER<br>Croatian, English                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5 | Transition altitude               | 10000 FT MSL                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 6 | Hours of applicability            | Upon NOTAM or AIP SUP                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7 | Remarks                           | Excluding airspace of ATZ HVAR - a circle of R=2.5 NM centered at LDSH ARP with vertical limits GND-1000 FT MSL, classified as G class airspace.<br>Outside Brac TWR operational hours, ATZ Brac is active. ATZ Brac is defined as a circle of R=2.5 NM centered at LDSB ARP with vertical limits GND-1000 FT AGL, classified as G class airspace.<br>Outside LDSB ATS operating hours, RMZ Brač activated within same lateral limits as CTR Brač, 1000 FT AGL/GND.<br>REF AD 2.22 |

## LDSP AD 2.17 ATS AIRSPACE

|   |                                   |                                                                                                                                                                                                                                                                                                                                         |
|---|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits    | CTR Split 1<br>434020N 0160203E<br>433727N 0162523E<br>433024N 0163127E<br>432129N 0162108E<br>432231N 0161117E<br>433210N 0155735E<br>434020N 0160203E<br><br>CTR Split 2<br>433024N 0163127E<br>432407N 0163907E<br>431207N 0162737E<br>432129N 0162108E<br>433024N 0163127E                                                          |
| 2 | Vertical limits                   | CTR Split 1<br>4000 FT ALT / GND<br><br>CTR Split 2<br>3500 FT ALT / GND                                                                                                                                                                                                                                                                |
| 3 | Airspace classification           | D                                                                                                                                                                                                                                                                                                                                       |
| 4 | ATS unit call sign<br>Language(s) | SPLIT TORANJ / SPLIT TOWER<br>Croatian, English                                                                                                                                                                                                                                                                                         |
| 5 | Transition altitude               | 10000 FT MSL                                                                                                                                                                                                                                                                                                                            |
| 6 | Hours of applicability            | H24                                                                                                                                                                                                                                                                                                                                     |
| 7 | Remarks                           | Divulje heliport zone established within CTR Split 1 with following characteristics:<br><br>Lateral limits<br>433122N 0161659E<br>the arc of a circle radius 500 M centered at<br>433132N 0161716E<br>433132N 0161738E<br>433132N 0161716E<br>433122N 0161659E<br><br>Vertical limits<br>GND - 100 FT MSL,<br>Airspace classification G |

## LDSP AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign                     | Frequency   | Hours of operation | Remarks                                                                 |
|---------------------|-------------------------------|-------------|--------------------|-------------------------------------------------------------------------|
| 1                   | 2                             | 3           | 4                  | 5                                                                       |
| APP                 | SPLIT RADAR                   | 120.875 MHZ | H24                | Primary FREQ                                                            |
|                     | SPLIT RADAR                   | 128.675 MHZ | H24                | ALTN FREQ                                                               |
|                     | SPLIT RADAR                   | 120.550 MHZ | H24                | ALTN FREQ                                                               |
|                     | SPLIT RADAR                   | 121.500 MHZ | H24                | EMERG FREQ                                                              |
| TWR                 | SPLIT TOWER /<br>SPLIT TORANJ | 124.675 MHZ | H24                | Primary FREQ<br>If no contact on TWR frequency, contact<br>Split Radar. |
|                     |                               | 118.100 MHZ | H24                | ALTN FREQ<br>If no contact on TWR frequency, contact<br>Split Radar.    |
| ATIS                | SPLIT ATIS                    | 125.300 MHZ | As AD HR SER       |                                                                         |

## LDSP AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>CAT of ILS/MLS<br>(VOR/ILS/MLS<br>VAR) | ID  | Frequency           | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                                                                  |
|-------------------------------------------------------|-----|---------------------|-----------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                     | 2   | 3                   | 4                     | 5                                                 | 6                                              | 7                                                                                                                                        |
| VOR/DME<br>(4°E/2019)                                 | SPL | 115.7 MHZ<br>CH104X | H24                   | 432947.69N<br>0161817.00E                         | 734 FT                                         | Range 100 NM                                                                                                                             |
| VOR/DME<br>(4°E/2019)                                 | ZDA | 108.6 MHZ<br>CH23X  | H24                   | 440543.16N<br>0152151.22E                         | 279 FT                                         | Range 100 NM except in sectors<br>QDR 334° - 044° clockwise and<br>QDR 124° - 274° clockwise where<br>coverage is reduced due to terrain |
| DME                                                   | BRC | CH101Y              | H24                   | 431656.93N<br>0163720.83E                         | 2564 FT                                        | Coverage 80 NM                                                                                                                           |
| DME                                                   | IST | CH42X               | H24                   | 433157.61N<br>0161720.86E                         | 133 FT                                         | Coverage 75 NM                                                                                                                           |
| NDB                                                   | DVN | 418 KHZ             | H24                   | 432648.24N<br>0160837.08E                         |                                                | Range 40 NM except in sectors<br>QDR 309° - 029° clockwise and<br>QDR 104° - 119° clockwise where<br>coverage is 35 NM.                  |
| NDB                                                   | HUM | 412 KHZ             | H24                   | 431713.88N<br>0164042.42E                         |                                                | Range 25 NM                                                                                                                              |
| NDB                                                   | SAL | 421 KHZ             | H24                   | 435616.30N<br>0151005.20E                         |                                                | MRA at 25 NM 4000 FT                                                                                                                     |
| NDB                                                   | TRI | 378 KHZ             | H24                   | 432948.59N<br>0161320.78E                         |                                                | Range 25 NM<br>- not usable between QDR 300° -<br>040° clockwise below FL 130                                                            |
| LOC 05                                                | IST | 110.5 MHZ           | H24                   | 433252.34N<br>0161850.44E                         |                                                | ILS CAT I<br>Not usable outside 18° left of the<br>runway centre line.                                                                   |
| GP 05                                                 |     | 329.6 MHZ           | H24                   | 433157.61N<br>0161720.86E                         |                                                | 3°, RDH 52 FT                                                                                                                            |

**LDZA 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 | <p>APRON WEST Taxiway guidance signs, guide lines and ACFT stand ID signs at apron, self manoeuvring (except PSN W2 for ACFT code letter D: push-back) and nose-in (basic), nose-out (alternative), and parallel to RWY (general aviation) stands, marshaller for all stands, stop bar markings, Follow me (see Remarks).</p> <p>APRON EAST Taxiway guidance signs, guide lines and ACFT stand ID signs at apron, self-manoeuvring an nose-in/push-back ACFT stands, marshaller, Visual Guidance Docking System at ACFT stands 1-8, stop bar markings, Follow me (see Remarks).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2 | RWY and TWY markings and LGT                                                                                   | <p>RWY-04/22: Runway designation markings, Threshold markings, Runway centre line markings, Runway side stripe markings, Touchdown zone markings, Aiming point markings, Runway turn pad marking*.</p> <p>TWY A Taxiway centre line markings, Runway holding position markings, Intermediate holding position markings.</p> <p>TWY B Taxiway centre line markings, Runway holding position markings, Intermediate holding position markings.</p> <p>TWY C Taxiway centre line markings, Runway holding position markings, Intermediate holding position markings.</p> <p>TWY D Taxiway centre line markings, Runway holding position markings, Intermediate holding position markings.</p> <p>TWY E Taxiway centre line markings, Runway holding position markings, Intermediate holding position markings.</p> <p>TWY F Taxiway intermediate holding position lights, Taxiway centre line markings, Intermediate holding position markings.</p> <p>TWY G Taxiway centre line markings, Intermediate holding position markings.</p> <p>TWY H Taxiway centre line markings, Intermediate holding position markings.</p> <p>TWY MC Taxiway centre line markings.</p> <p>TWY R Taxiway centre line markings.</p> <p>TWY T Taxiway centre line markings, Intermediate holding position markings.</p> |
| 3 | Stop bars                                                                                                      | <p>TWY A: R LIH</p> <p>TWY B: R LIH</p> <p>TWY C: R LIH</p> <p>TWY D: R LIH</p> <p>TWY E: R LIH</p> <p>TWY F: R LIH - F1, F2, F3</p> <p>TWY G: R LIH - Ga, Gb</p> <p>TWY H: R LIH</p> <p>TWY T: R LIH</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4 | Remarks                                                                                                        | <p>*RWY 22 turn pad restrictions: 180° turn on turn pad for aircraft with wheel base more than 25.6 M is not possible</p> <p>APRON EAST and WEST - Follow me available only during LVO and for ACFT code letter F.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

LDZA AD 2.10 AERODROME OBSTACLES

Obstacles in Area 2:

| In Area 2                |           |                           |                |                                              |         |
|--------------------------|-----------|---------------------------|----------------|----------------------------------------------|---------|
| OBST ID /<br>Designation | OBST type | OBST position             | ELEV/HGT       | Markings/<br>Type, colour,<br>lighting (LGT) | Remarks |
| a                        | b         | c                         | d              | e                                            | f       |
| LDZA2025_AOC22_1         | TREE      | 454351.22N<br>0160252.66E | 374.7 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC22_2         | TREE      | 454342.15N<br>0160257.21E | 378.0 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC22_3         | TREE      | 454345.74N<br>0160246.96E | 384.4 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC22_4         | TREE      | 454340.87N<br>0160250.55E | 378.4 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_5         | TREE      | 454510.57N<br>0160511.04E | 384.5 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_6         | BUILDING  | 454517.55N<br>0160504.23E | 376.1 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_7         | TREE      | 454517.45N<br>0160505.20E | 386.5 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_8         | BUILDING  | 454516.41N<br>0160507.80E | 370.6 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_9         | TREE      | 454520.19N<br>0160506.84E | 391.4 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_10        | TREE      | 454516.36N<br>0160514.37E | 383.3 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_11        | TREE      | 454521.27N<br>0160508.13E | 414.2 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_12        | BUILDING  | 454523.03N<br>0160514.41E | 379.1 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_13        | TREE      | 454517.98N<br>0160522.33E | 391.7 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_14        | TREE      | 454519.67N<br>0160521.14E | 398.6 FT / NIL | No<br>No                                     | NIL     |
| LDZA2025_AOC04_15        | TREE      | 454530.82N<br>0160545.32E | 429.4 FT / NIL | No<br>No                                     | NIL     |

Detailed description of obstacles that penetrate the obstacle limitation surfaces currently not available.  
Detailed description of obstacles assessed as being hazardous to air navigation currently not available.

Area 2 data set for the aerodrome currently not available.

|   |                        |                                                                                                                                                                                                                                                                               |
|---|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5 | Transition altitude    | 10000 FT MSL                                                                                                                                                                                                                                                                  |
| 6 | Hours of applicability | H24                                                                                                                                                                                                                                                                           |
| 7 | Remarks                | <p>Excluding part of airspace ATZ Bratina, area within coordinates:<br/> 453705N 0154819E<br/> 453826N 0155024E<br/> 454008N 0154812E<br/> 453838N 0154552E<br/> 453705N 0154819E</p> <p>With vertical limits:<br/> GND-1000 FT AGL,<br/> classified as G class airspace.</p> |

## LDZA AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation | Call sign                       | Frequency   | Hours of operation    | Remarks                                                                                                        |
|---------------------|---------------------------------|-------------|-----------------------|----------------------------------------------------------------------------------------------------------------|
| 1                   | 2                               | 3           | 4                     | 5                                                                                                              |
| APP                 | ZAGREB RADAR                    | 118.885 MHZ | H24                   | Primary FREQ                                                                                                   |
|                     | ZAGREB RADAR                    | 120.700 MHZ | H24                   | For State ACFT, 8.33 KHZ not capable                                                                           |
|                     | ZAGREB RADAR                    | 119.540 MHZ | H24                   | ALTN                                                                                                           |
|                     | ZAGREB RADAR                    | 121.500 MHZ | H24                   | EMERG VHF FREQ                                                                                                 |
|                     | ZAGREB RADAR                    | 243.000 MHZ | H24                   | EMERG UHF FREQ                                                                                                 |
| TWR                 | ZAGREB TOWER /<br>ZAGREB TORANJ | 118.300 MHZ | H24                   | Primary FREQ                                                                                                   |
|                     |                                 | 119.125 MHZ | H24                   |                                                                                                                |
| GND                 | ZAGREB GROUND                   | 121.850 MHZ | 0700-1500 (0600-1400) | For additional hours of operation, monitor ATIS. If no contact on GND FREQ, contact ZAGREB TWR on 118.300 MHz. |
| FIS                 | ZAGREB INFORMATION              | 135.050 MHZ | H24                   |                                                                                                                |
| ATIS                | ZAGREB ATIS                     | 124.575 MHZ | H24                   |                                                                                                                |

## LDZA AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>CAT of ILS/MLS<br>(VOR/ILS/MLS VAR) | ID              | Frequency           | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                                                                                                          |
|----------------------------------------------------|-----------------|---------------------|-----------------------|---------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                  | 2               | 3                   | 4                     | 5                                                 | 6                                              | 7                                                                                                                                                                                |
| VOR/DME<br>(4°E/2019)                              | VBA             | 117.4 MHZ<br>CH121X | H24                   | 454452.08N<br>0170848.29E                         | 576 FT                                         | Coverage 80 NM,<br>except in<br>QDR 114°-159°.<br>Unsatisfactory<br>DME power<br>density due to<br>terrain (Flight<br>profile: Orbit flight,<br>radius<br>40NM, 5000 FT<br>QNH). |
| VOR/DME<br>(4°E/2019)                              | ZAG             | 113.7 MHZ<br>CH84X  | H24                   | 455344.01N<br>0161824.11E                         | 420 FT                                         | Range 100 NM                                                                                                                                                                     |
| DME                                                | JAP             | CH123Y              | H24                   | 454440.18N<br>0153629.45E                         | 2927 FT                                        | Coverage 80 NM                                                                                                                                                                   |
| DME                                                | LUK             | CH35Y               | H24                   | 454125.96N<br>0155932.90E                         | 471 FT                                         | Coverage 80 NM,<br>except for reduced<br>coverage between<br>QDR 341°-357°                                                                                                       |
| DME 04                                             | IZA             | 109.5 MHZ<br>CH32X  | H24                   | 454405.78N<br>0160312.42E                         | 374 FT                                         | Collocated with GP<br>04                                                                                                                                                         |
| DME                                                | PTG             | CH17Y               | H24                   | 451846.05N<br>0154820.06E                         | 1865 FT                                        | Coverage 150 NM                                                                                                                                                                  |
| NDB                                                | PIS             | 424 KHZ             | H24                   | 453618.10N<br>0155038.39E                         |                                                | Coverage 50 NM,<br>except between<br>QDR 339°-049°<br>where coverage is<br>40 NM.                                                                                                |
| L                                                  | SK              | 350 KHZ             | H24                   | 454820.96N<br>0160952.78E                         |                                                | 4.75 NM from<br>THR22<br>Range 25 NM                                                                                                                                             |
| L                                                  | VG              | 325 KHZ             | H24                   | 454331.30N<br>0160231.44E                         |                                                | 223°MAG/0.57 NM<br>from THR 04.<br>Range 25 NM                                                                                                                                   |
| LOC 04                                             | IZA             | 109.5 MHZ           | H24                   | 454513.99N<br>0160507.59E                         |                                                | ILS CAT III.E4                                                                                                                                                                   |
| LOC 22                                             | IZG             | 109.1 MHZ           | H24                   | 454346.87N<br>0160255.12E                         |                                                | ILS CAT I                                                                                                                                                                        |
| GP 04                                              |                 | 332.6 MHZ           | H24                   | 454405.80N<br>0160312.43E                         |                                                | 3°, RDH 54 FT                                                                                                                                                                    |
| GP 22                                              |                 | 331.4 MHZ           | H24                   | 454503.84N<br>0160440.66E                         |                                                | 3°, RDH 17 M                                                                                                                                                                     |
| MM04                                               | Dots-<br>Dashes | 75 MHZ              | H24                   | 454331.45N<br>0160231.71E                         |                                                | 0.57 NM from<br>THR04                                                                                                                                                            |
| MM22                                               | Dots-<br>Dashes | 75 MHZ              | H24                   | 454529.91N<br>0160531.84E                         |                                                | 0.57 NM from<br>THR22                                                                                                                                                            |

AERODROME OBSTACLE CHART - ICAO  
TYPE A (OPERATING LIMITATIONS)

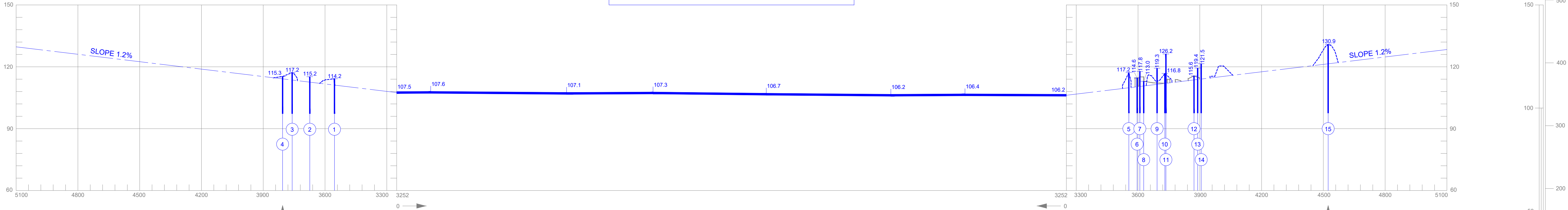
ZAGREB/Franjo Tuđman  
CROATIA  
RWY 04-22

DIMENSIONS AND ELEVATIONS IN METRES

RUNWAY 04-22

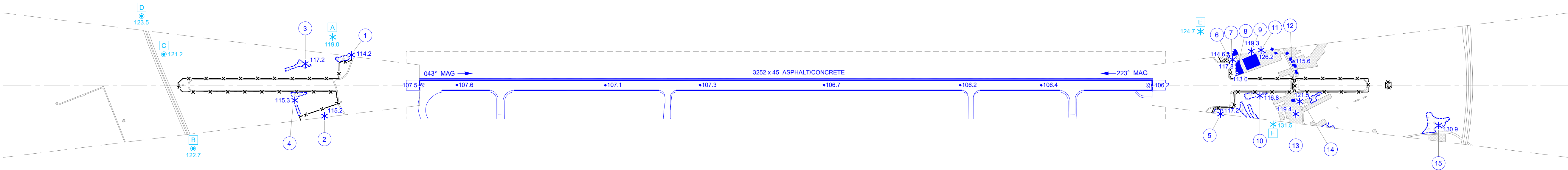
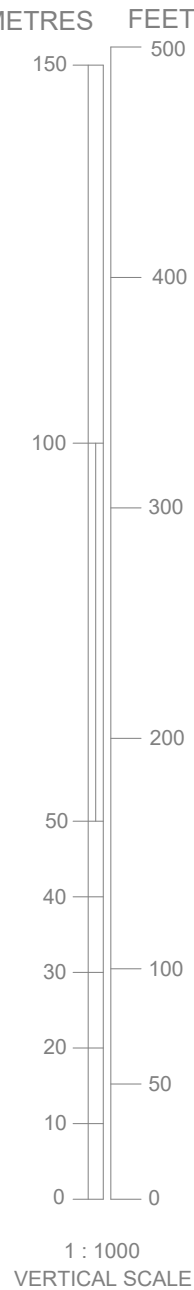
DECLARED DISTANCES

| RWY 04 |                                    | RWY 22 |
|--------|------------------------------------|--------|
| 3252   | TAKE-OFF RUN AVAILABLE             | 3252   |
| 3252   | TAKE-OFF DISTANCE AVAILABLE        | 3252   |
| 3252   | ACCELERATE STOP DISTANCE AVAILABLE | 3252   |
| 3252   | LANDING DISTANCE AVAILABLE         | 3252   |

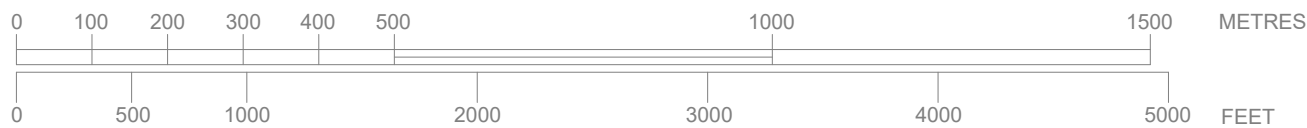


NO SIGNIFICANT OBSTACLES  
BEYOND THIS POINT

NO SIGNIFICANT OBSTACLES  
BEYOND THIS POINT



HORIZONTAL SCALE  
1 : 10 000



LEGEND

|                                        | PLAN    | PROFILE |
|----------------------------------------|---------|---------|
| ELEVATION                              | 100.0   | 114.2   |
| IDENTIFICATION NUMBER                  | 1       | 1       |
| TREE OR SHRUB                          | *       |         |
| BUILDING                               | ■       |         |
| PRIMARY ROAD                           | —       |         |
| FENCE                                  | —x—x—x— |         |
| BUILDING AREA                          | ■       |         |
| OTHER OBSTACLE IDENTIFICATION          | A B     |         |
| BUILDINGS PENETRATING OBSTACLE PLANE   | ■       |         |
| WOODED AREA PENETRATING OBSTACLE PLANE | ■       |         |

MAGNETIC VARIATION: 4°E (2019) / Annual Rate of Change 0.15° E

VERTICAL DATUM: Croatian Height Referents System HVRS1875

ORDER OF ACCURACY (95% confidence level):  
HORIZONTAL: ±0.06 M per E and ±0.05 M per N  
VERTICAL: ±0.13 M

AMENDMENT RECORD

| NO. | DATE | ENTERED BY |
|-----|------|------------|
|     |      |            |

CHANGE: Revision and Renumeration of all Obstacles; Legend; Editorial.



**LDZD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |                                                          |                                               |
|---|----------------------------------------------------------|-----------------------------------------------|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN/IBN red on TWR H24                        |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | NIL                                           |
| 3 | TWY edge and centre line lighting                        | TWY G EDGE<br>TWY K EDGE                      |
| 4 | Secondary power supply/switch-over time                  | Available.<br>Switch-over time: 01 SEC        |
| 5 | Remarks                                                  | WDI: At THR 04,13 and 31, externally lighted. |

**LDZD AD 2.16 HELICOPTER LANDING AREA**

|   |                                                           |                                                                                             |
|---|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 1 | Coordinates TLOF or THR of FATO<br>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                                                   | RWY to be used as landing area.<br>Parking positions used according to Airport Authorities. |

**LDZD AD 2.17 ATS AIRSPACE**

|   |                                   |                                                                                                                                   |
|---|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 1 | Designation and lateral limits    | CTR Zadar<br>440628N 0150520E<br>441951N 0151431E<br>441058N 0153303E<br>440118N 0154302E<br>435155N 0152603E<br>440628N 0150520E |
| 2 | Vertical limits                   | 4000 FT ALT / GND                                                                                                                 |
| 3 | Airspace classification           | D                                                                                                                                 |
| 4 | ATS unit call sign<br>Language(s) | ZADAR TOWER / ZADAR TORANJ<br>Croatian, English                                                                                   |
| 5 | Transition altitude               | 10000 FT MSL                                                                                                                      |
| 6 | Hours of applicability            | H24                                                                                                                               |
| 7 | Remarks                           | NIL                                                                                                                               |

## LDZD AD 2.18 ATS COMMUNICATION FACILITIES

| Service designation                                                                                                                                       | Call sign                     | Frequency   | Hours of operation                                                                                   | Remarks                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1                                                                                                                                                         | 2                             | 3           | 4                                                                                                    | 5                                                                                                            |
| APP                                                                                                                                                       | ZADAR RADAR                   | 128.525 MHZ | H24                                                                                                  | Primary FREQ *                                                                                               |
|                                                                                                                                                           | ZADAR RADAR                   | 130.625 MHZ | H24                                                                                                  | ALTN FREQ *                                                                                                  |
|                                                                                                                                                           | ZADAR RADAR                   | 121.500 MHZ | H24                                                                                                  | EMERG FREQ *                                                                                                 |
| TWR                                                                                                                                                       | ZADAR TOWER /<br>ZADAR TORANJ | 123.700 MHZ | H24                                                                                                  | Primary FREQ<br>If no contact on TWR frequency, contact<br>Zadar Radar.                                      |
|                                                                                                                                                           |                               | 132.975 MHZ | H24                                                                                                  | ALTN FREQ<br>If no contact on TWR frequency, contact<br>Zadar Radar.                                         |
| ZADAR DELIVERY                                                                                                                                            | ZADAR<br>DELIVERY             | 132.975 MHZ | TUE-FRI 0800-1400<br>UTC during winter<br>period<br>TUE-SAT 0700-1800<br>UTC during summer<br>period | ALTN FREQ for primary TWR FREQ.<br>If used as TWR FREQ, clearance delivery<br>will be provided by Zadar TWR. |
| * Low level flights in areas with mountainous terrain may encounter difficulties in establishing and maintaining radio communication with Zadar Approach. |                               |             |                                                                                                      |                                                                                                              |

## LDZD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid<br>CAT of ILS/MLS<br>(VOR/ILS/MLS<br>VAR) | ID  | Frequency             | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                                                                                                       |
|-------------------------------------------------------|-----|-----------------------|-----------------------|---------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                                     | 2   | 3                     | 4                     | 5                                                 | 6                                              | 7                                                                                                                                                                             |
| VOR/DME<br>(4° E/2019)                                | NTL | 117.350 MHZ<br>CH120Y | H24                   | 443359.44N<br>0142327.79E                         | 190 FT                                         | Coverage 80 NM, except<br>between QDR 330°-120°<br>where coverage is 40 NM.<br><br>MRA at 40 NM:<br>QDR 020°-120° 10000 FT<br>QDR 120°-330° 5000 FT<br>QDR 330°-020° 12000 FT |
| VOR/DME<br>(4°E/2019)                                 | SPL | 115.7 MHZ<br>CH104X   | H24                   | 432947.69N<br>0161817.00E                         | 734 FT                                         | Range 100 NM                                                                                                                                                                  |
| VOR/DME<br>(4°E/2019)                                 | ZDA | 108.6 MHZ<br>CH23X    | H24                   | 440543.16N<br>0152151.22E                         | 279 FT                                         | Range 100 NM except in<br>sectors QDR 334°- 044°<br>clockwise and QDR 124°-<br>274° clockwise where<br>coverage is reduced due to<br>terrain                                  |
| NDB                                                   | LOS | 429 KHZ               | H24                   | 443137.55N<br>0142822.25E                         |                                                | 119°MAG/4.10 NM from<br>LDLO THR 02.<br>Range 50 NM                                                                                                                           |
| NDB                                                   | SAL | 421 KHZ               | H24                   | 435616.30N<br>0151005.20E                         |                                                | MRA at 25 NM 4000 FT                                                                                                                                                          |
| NDB                                                   | ZRA | 330 KHZ               | H24                   | 435949.76N<br>0152947.31E                         |                                                | Range 50 NM                                                                                                                                                                   |

| Type of aid<br>CAT of ILS/MLS<br>(VOR/ILS/MLS<br>VAR) | ID                | Frequency | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks                                                                                  |
|-------------------------------------------------------|-------------------|-----------|-----------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------|
| 1                                                     | 2                 | 3         | 4                     | 5                                                 | 6                                              | 7                                                                                        |
| L                                                     | BO                | 385 KHZ   | H24                   | 441009.29N<br>0151550.41E                         |                                                | Coverage 25 NM, except<br>between QDR 349°- 069°<br>clockwise where coverage<br>is 15 NM |
| LOC 13                                                | IZD               | 110.1 MHZ | H24                   | 440552.77N<br>0152138.17E                         |                                                | ILS CAT I                                                                                |
| GP 13                                                 |                   | 334.4 MHZ | H24                   | 440655.31N<br>0152021.07E                         |                                                | 3°, RDH 52 FT                                                                            |
| MM13                                                  | Dots-<br>Dashes   | 75 MHZ    | H24                   | 440723.53N<br>0151935.24E                         |                                                | 0.57 NM from THR 13                                                                      |
| OM13                                                  | Dashes-<br>Dashes | 75 MHZ    | H24                   | 441009.07N<br>0151550.69E                         |                                                | 4.43 NM from THR 13                                                                      |

---

## LDZD AD 2.20 LOCAL AERODROME REGULATIONS

---

### 1. WARNING:

Gusts, wind shear and turbulence can be expected on final approaches and on RWY 13/31 in conditions of strong north-easterly winds.

Gusts, wind shear and turbulence can be expected on final approach to/climb out from RWY 04 in conditions of strong north-easterly winds.

### 2. WARNING:

Following parts of manoeuvring area are not visible from ATC TWR and surveillance EQPT is limited:

- Part of RWY13/31 around the intersection of TWY C, D, E and RWY,
- TWY C, D and E,
- RWY holding positions on TWY B, C, D and E,
- Part of TWY H BTN TWY B AND F,
- Junction of TWY A and H.

Due to view limitations of the manoeuvring area from Zadar TWR and complex aerodrome layout, special attention from pilots and vehicle drivers is advised.

Additional position reports may be required by ATC. Pilots and vehicle drivers shall comply with ATC clearances and instructions and adhere to the signs and markings.

### TAXIING PROCEDURES

A slow taxi speed on apron is required, and on TWY A and TWY H.

„Follow me“ guidance can be expected when taxiing via TWY H. All aircraft vacating runway 13/31 via TWY G shall hold short on Intermediate holding positions with TWY H. Continuing of taxiing may be expected upon ATC instruction.

All aircraft vacating runway 13/31 via TWY A and taxiing via TWY H shall hold short on Intermediate holding positions with TWY G. Continuing of taxiing may be expected upon ATC instruction.

### Arrivals:

“Follow me” guidance is mandatory for all arriving aircraft when entering apron from TWY G or TWY K.

### Departures:

ATC DEP clearance and DEP INFO are available 15 MIN before EOBT.

Unless otherwise notified to ATC by the pilot, ACFT are expected to be ready for departure upon reaching the runway-holding position.

Pilot shall state their parking position number on initial contact with ATC. In case of self-manoeuvring from nose-in parking positions (1-10), usage of both engines is strongly recommended. In case that one engine is used, special caution is advised in respect of the need that engine on the opposite side from turning direction should be used.

For push-back:

- ACFT shall request start-up and push-back clearance after communication with the ground crew has been established, push-back vehicle has been attached and aircraft is ready to commence push-back,
- push-back clearance issued by ATC shall contain RWY in use,
- RWY in use shall be relayed to the ground crew by flight deck.

For taxi-out from the self-maneuvering parking positions, ACFT shall request start-up clearance after communication with ground crew has been established.

Aircraft shall not request start up clearance before it is ascertained that start of the engine(s) can be completed within 5 MIN after the clearance has been issued.

## LDZD AD 2.23 ADDITIONAL INFORMATION

Sea gulls on and in the vicinity of RWY. Caution advised.

## LDZD AD 2.24 CHARTS RELATED TO AN AERODROME

| Name                                                          | Page                                     |
|---------------------------------------------------------------|------------------------------------------|
| Aerodrome Chart - ICAO                                        | LDZD AD 2.24.1 ADC -1                    |
| Aircraft Parking/Docking Chart – ICAO                         | LDZD AD 2.24.2 APDC -1                   |
| Aerodrome Ground Movement Chart – ICAO                        | NOT AVBL                                 |
| Aerodrome Obstacle Chart - ICAO Type A - RWY04-22             | LDZD AD 2.24.4 AOC RWY 04/22 -1          |
| Aerodrome Obstacle Chart - ICAO Type A - RWY13/31             | LDZD AD 2.24.4 AOC RWY 13/31 -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 04           | LDZD AD 2.24.8 SID RWY 04 -1             |
| Standard Departure Chart - Instrument - ICAO RNAV RWY 04      | LDZD AD 2.24.8 SID RNAV RWY 04 -1        |
| Standard Departure Chart - Instrument - ICAO RWY 13           | LDZD AD 2.24.8 SID RWY 13 -1             |
| Standard Departure Chart - Instrument - ICAO RNAV RWY 13      | LDZD AD 2.24.8 SID RNAV RWY 13 -1        |
| Standard Departure Chart - Instrument - ICAO RWY 22           | LDZD AD 2.24.8 SID RWY 22 -1             |
| Standard Departure Chart - Instrument - ICAO RNAV RWY 22      | LDZD AD 2.24.8 SID RNAV RWY 22 -1        |
| Standard Departure Chart - Instrument - ICAO RWY 31           | LDZD AD 2.24.8 SID RWY 31 -1             |
| Standard Departure Chart - Instrument - ICAO RNAV RWY 31      | LDZD AD 2.24.8 SID RNAV RWY 31 -1        |
| Area Chart – ICAO (arrival and transit routes)                | NOT AVBL                                 |
| Standard Arrival Chart - Instrument - ICAO RWY 04 & RWY 13/31 | LDZD AD 2.24.10 STAR RWY 04 & 13/31 -1   |
| Standard Arrival Chart - Instrument - ICAO RNAV RWY 04        | LDZD AD 2.24.10 STAR RNAV RWY 04 -1      |
| Standard Arrival Chart - Instrument - ICAO RNAV RWY 13        | LDZD AD 2.24.10 STAR RNAV RWY 13 -1      |
| Standard Arrival Chart - Instrument - ICAO RNAV RWY 31        | LDZD AD 2.24.10 STAR RNAV RWY 31 -1      |
| ATC Surveillance Minimum Altitude Chart - ICAO                | LDZD AD 2.24.11 ATCSMAC -1               |
| Instrument Approach Chart - ICAO VOR RWY 04                   | LDZD AD 2.24.12 IAC VOR RWY 04 -1        |
| Instrument Approach Chart - ICAO VOR RWY 13                   | LDZD AD 2.24.12 IAC VOR RWY 13 -1        |
| Instrument Approach Chart - ICAO ILS or LOC RWY 13            | LDZD AD 2.24.12 IAC ILS or LOC RWY 13 -1 |
| Instrument Approach Chart - ICAO RNP RWY 04                   | LDZD AD 2.24.12 IAC RNP RWY 04 -1        |
| Instrument Approach Chart - ICAO RNP Y RWY 13                 | LDZD AD 2.24.12 IAC RNP Y RWY 13 -1      |
| Instrument Approach Chart - ICAO RNP Z RWY 13                 | LDZD AD 2.24.12 IAC RNP Z RWY 13 -1      |
| Instrument Approach Chart - ICAO RNP RWY 31                   | LDZD AD 2.24.12 IAC RNP RWY 31 -1        |
| Instrument Approach Chart - ICAO VOR RWY 31                   | LDZD AD 2.24.12 IAC VOR RWY 31 -1        |
| Visual Approach Chart - ICAO                                  | NOT AVBL                                 |
| Visual Operation Chart                                        | LDZD AD 2.24.13 VOC -1                   |

| Name                | Page     |
|---------------------|----------|
| Bird concentrations | NOT AVBL |

LDZD AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable.



OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA  
THIS PAGE INTENTIONALLY LEFT BLANK

## ZADAR / Zemunik (LDZD)

RWY 13



OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA  
THIS PAGE INTENTIONALLY LEFT BLANK

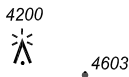


OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA  
THIS PAGE INTENTIONALLY LEFT BLANK



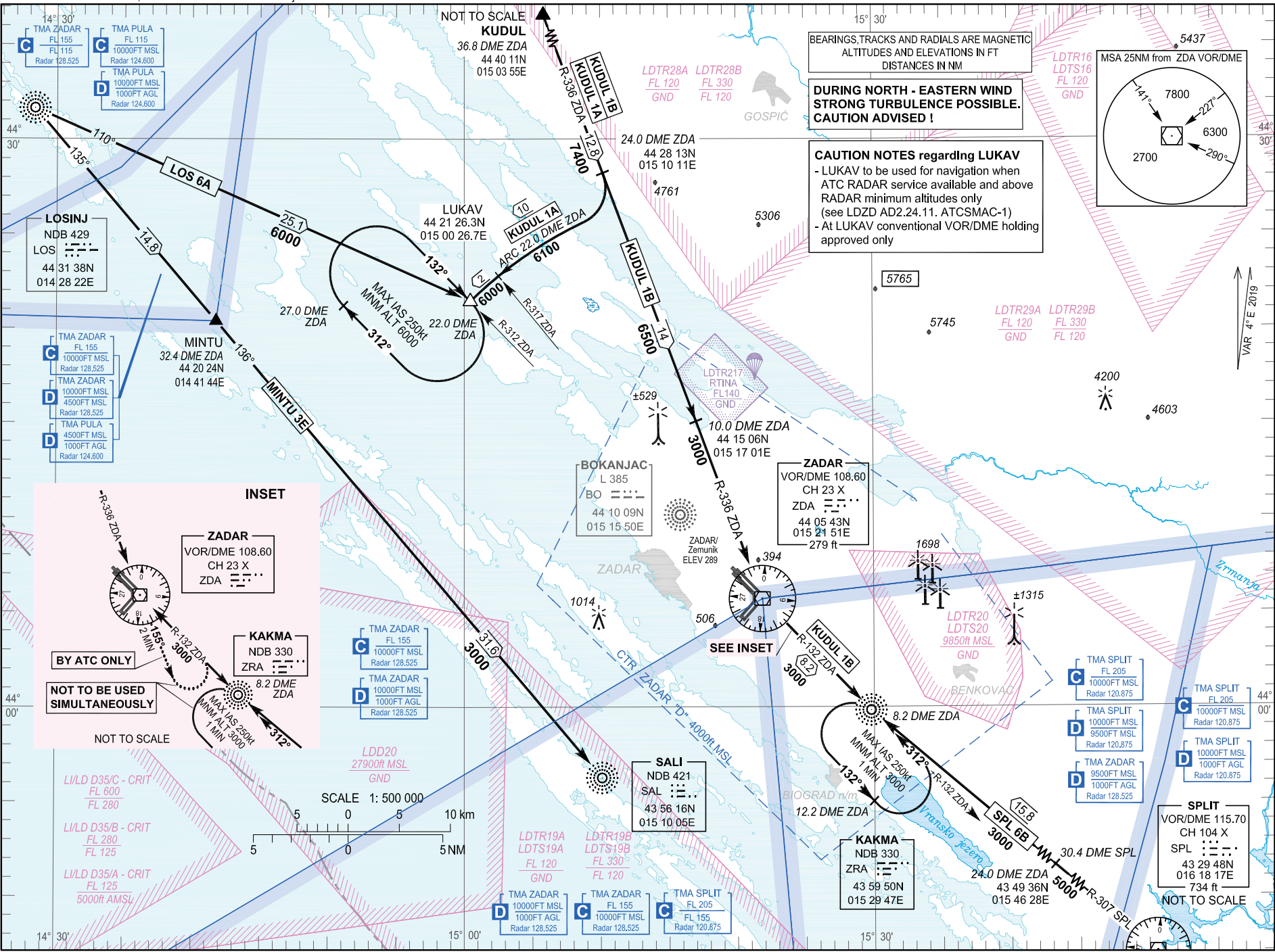
OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA  
THIS PAGE INTENTIONALLY LEFT BLANK

LOS 6A KUDUL 1A  
KUDUL 1B MINTU 3E SPL 6B  
RWY 04 & RWY 13/31



**CAUTION NOTES regarding LUKAV**

- LUKAV to be used for navigation when ATC RADAR service available and above RADAR minimum altitudes only (see LDZD AD2.24.11. ATCSMAC-1)
- At LUKAV conventional VOR/DME holding approved only

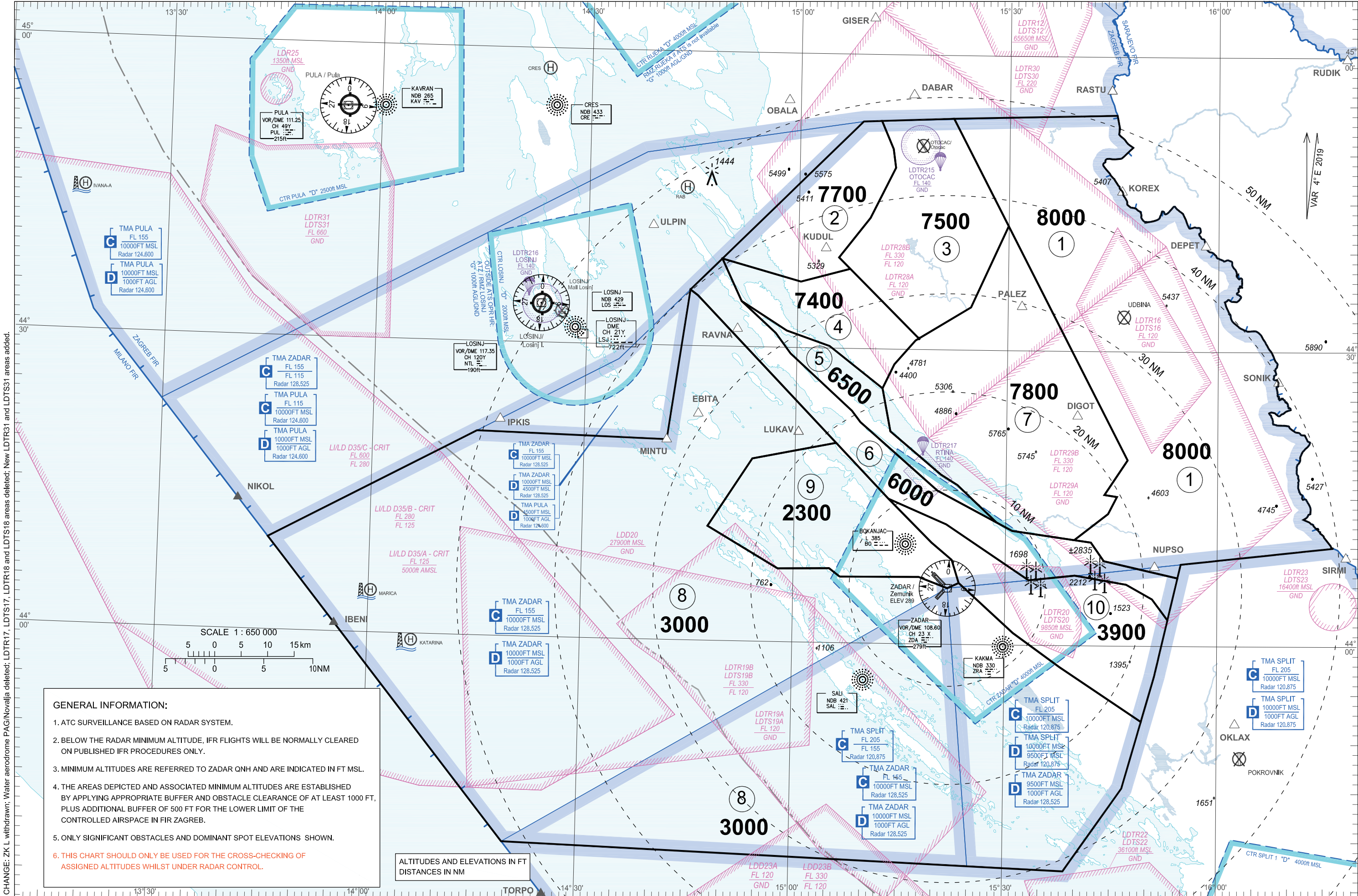


OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA  
THIS PAGE INTENTIONALLY LEFT BLANK

TRANSITION ALTITUDE  
10 000

AD ELEV 289

ZADAR RADAR 128.525  
ZADAR TOWER 123.700  
ZADAR DELIVERY 132.975



| SECTOR 1 | WGS-84 latitude                        | WGS-84 longitude |
|----------|----------------------------------------|------------------|
|          | 445403N                                | 0154522E         |
|          | along the FIR boundary Zagreb/Sarajevo |                  |
|          | 441003N                                | 0161628E         |
|          | 440821N                                | 0155450E         |
|          | 440658N                                | 0155423E         |
|          | 440839N                                | 0154357E         |
|          | 441032N                                | 0154206E         |
|          | 441046N                                | 0153945E         |
|          | 441327N                                | 0154431E         |
|          | 441512N                                | 0154545E         |
|          | 441524N                                | 0154358E         |
|          | 441857N                                | 0154713E         |
|          | 444241N                                | 0152957E         |
|          | 445334N                                | 0152156E         |
|          | 445403N                                | 0154522E         |

| SECTOR 2 | WGS-84 latitude | WGS-84 longitude |
|----------|-----------------|------------------|
|          | 445308N         | 0150900E         |
|          | 445314N         | 0151136E         |
|          | 445023N         | 0151320E         |
|          | 444829N         | 0151343E         |
|          | 444320N         | 0151011E         |
|          | 443915N         | 0150547E         |
|          | 443807N         | 0150724E         |
|          | 443644N         | 0150024E         |
|          | 443855N         | 0144908E         |
|          | 445308N         | 0150900E         |

| SECTOR 3 | WGS-84 latitude | WGS-84 longitude |
|----------|-----------------|------------------|
|          | 445314N         | 0151136E         |
|          | 445334N         | 0152156E         |
|          | 444241N         | 0152957E         |
|          | 443422N         | 0152442E         |
|          | 443107N         | 0151720E         |
|          | 443807N         | 0150724E         |
|          | 443915N         | 0150547E         |
|          | 444320N         | 0151011E         |
|          | 444829N         | 0151343E         |
|          | 445023N         | 0151320E         |
|          | 445314N         | 0151136E         |

| SECTOR 4 | WGS-84 latitude | WGS-84 longitude |
|----------|-----------------|------------------|
|          | 443855N         | 0144908E         |
|          | 443644N         | 0150024E         |
|          | 443807N         | 0150724E         |
|          | 443107N         | 0151720E         |
|          | 442827N         | 0151354E         |
|          | 442600N         | 0151216E         |
|          | 443013N         | 0150438E         |
|          | 443142N         | 0145830E         |
|          | 443438N         | 0145159E         |
|          | 443855N         | 0144908E         |

| SECTOR 5 | WGS-84 latitude | WGS-84 longitude |
|----------|-----------------|------------------|
|          | 443438N         | 0145159E         |
|          | 443142N         | 0145830E         |
|          | 443013N         | 0150438E         |
|          | 442600N         | 0151216E         |
|          | 442137N         | 0151329E         |
|          | 441716N         | 0152046E         |
|          | 441615N         | 0152305E         |
|          | 441228N         | 0152844E         |
|          | 441539N         | 0152018E         |
|          | 442231N         | 0150912E         |

| SECTOR 6 | WGS-84 latitude | WGS-84 longitude |
|----------|-----------------|------------------|
|          | 443855N         | 0144908E         |
|          | 443438N         | 0145159E         |
|          | 443127N         | 0145656E         |
|          | 442923N         | 0145907E         |
|          | 442339N         | 0150758E         |
|          | 442231N         | 0150912E         |
|          | 441539N         | 0152018E         |
|          | 441228N         | 0152844E         |
|          | 441138N         | 0153056E         |
|          | 441046N         | 0153945E         |
|          | 441032N         | 0154206E         |
|          | 440839N         | 0154357E         |
|          | 440658N         | 0155423E         |
|          | 440241N         | 0155301E         |
|          | 440448N         | 0155049E         |
|          | 440617N         | 0154708E         |
|          | 440709N         | 0153951E         |
|          | 440638N         | 0153321E         |
|          | 441214N         | 0152135E         |
|          | 441445N         | 0151322E         |

|  | WGS-84 latitude | WGS-84 longitude |
|--|-----------------|------------------|
|  | 442021N         | 0150548E         |
|  | 440926N         | 0134535E         |
|  | 442050N         | 0141447E         |
|  | 442024N         | 0144144E         |
|  | 443542N         | 0144440E         |
|  | 443824N         | 0144824E         |
|  | 443855N         | 0144908E         |
|  |                 |                  |
|  |                 |                  |
|  |                 |                  |

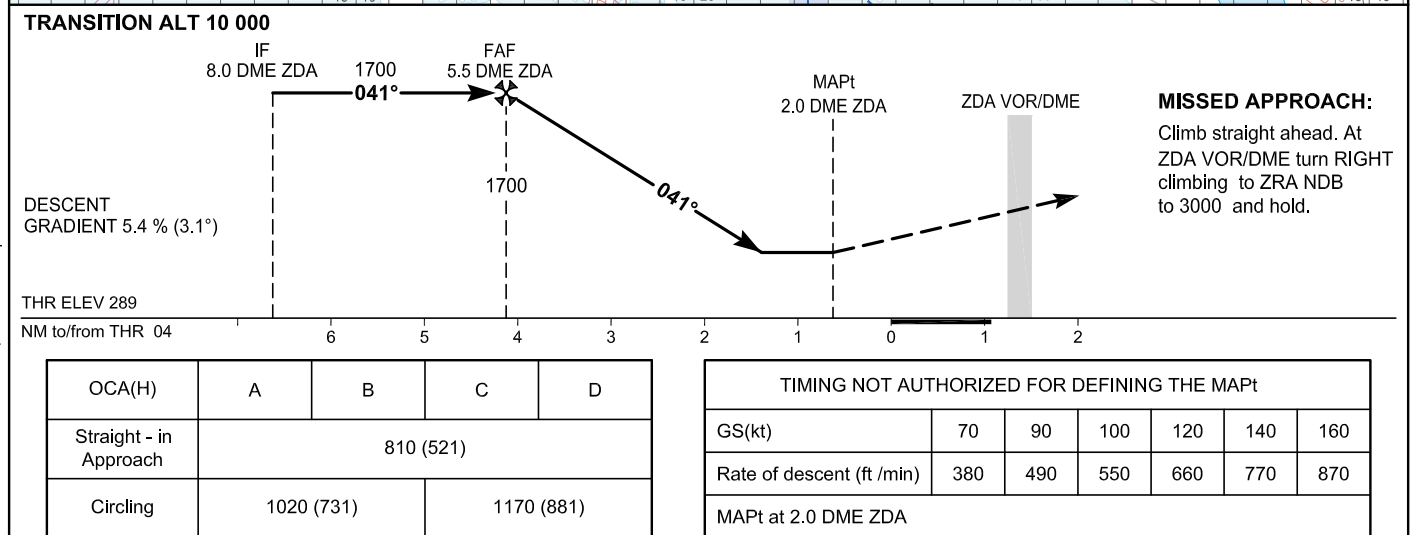
| SECTOR 7 | WGS-84 latitude | WGS-84 longitude |
|----------|-----------------|------------------|
|          | 444241N         | 0152957E         |
|          | 441857N         | 0154713E         |
|          | 441524N         | 0154358E         |
|          | 441512N         | 0154545E         |
|          | 441327N         | 0154431E         |
|          | 441046N         | 0153945E         |
|          | 441138N         | 0153056E         |
|          | 441228N         | 0152844E         |
|          | 441615N         | 0152305E         |
|          | 441716N         | 0152046E         |
|          | 442137N         | 0151329E         |
|          | 442600N         | 0151216E         |
|          | 442827N         | 0151354E         |
|          | 443107N         | 0151720E         |
|          | 443422N         | 0152442E         |
|          | 444241N         | 0152957E         |

| SECTOR 8 | WGS-84 latitude | WGS-84 longitude |
|----------|-----------------|------------------|
|          | 443542N         | 0144440E         |
|          | 443508N         | 0144545E         |
|          | 442021N         | 0150548E         |
|          | 441837N         | 0145357E         |
|          | 441140N         | 0144747E         |
|          | 440728N         | 0145750E         |
|          | 440735N         | 0150505E         |
|          | 440644N         | 0150638E         |
|          | 440650N         | 0151747E         |
|          | 440543N         | 0152151E         |
|          | 440616N         | 0152328E         |
|          | 440114N         | 0153113E         |
|          | 435747N         | 0153754E         |
|          | 435218N         | 0154922E         |
|          | 434902N         | 0154806E         |
|          | 434530N         | 0154643E         |
|          | 433700N         | 0153833E         |
|          | 433902N         | 0141944E         |

| SECTOR 9 | WGS-84 latitude | WGS-84 longitude |
|----------|-----------------|------------------|
|          | 442021N         | 0150548E         |
|          | 441445N         | 0151322E         |
|          | 441019N         | 0151934E         |
|          | 440837N         | 0152226E         |
|          | 440616N         | 0152328E         |
|          | 440543N         | 0152151E         |
|          | 440650N         | 0151747E         |
|          | 440644N         | 0150638E         |
|          | 440735N         | 0150505E         |
|          | 440728N         | 0145750E         |
|          | 441140N         | 0144747E         |
|          | 441837N         | 0145357E         |
|          | 442021N         | 0150548E         |

| SECTOR 10 | WGS-84 latitude | WGS-84 longitude |
|-----------|-----------------|------------------|
|           | 441445N         | 0151322E         |
|           | 441214N         | 0152135E         |
|           | 440638N         | 0153321E         |
|           | 440709N         | 0153951E         |
|           | 440617N         | 0154708E         |
|           | 440448N         | 0155049E         |
|           | 440241N         | 0155301E         |
|           | 435846N         | 0155146E         |
|           | 435700N         | 0155113E         |
|           | 435218N         | 0154922E         |
|           | 435747N         | 0153754E         |
|           | 440114N         | 0153113E         |
|           | 440616N         | 0152328E         |
|           | 440837N         | 0152226E         |
|           | 441019N         | 0151934E         |
|           | 441445N         | 0151322E         |

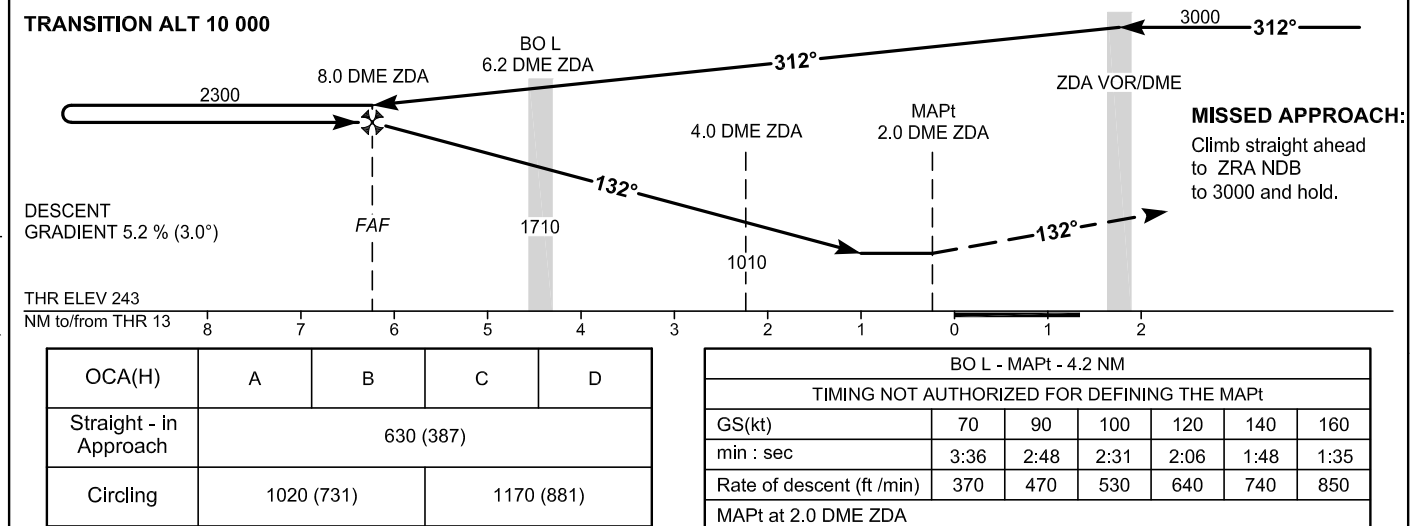
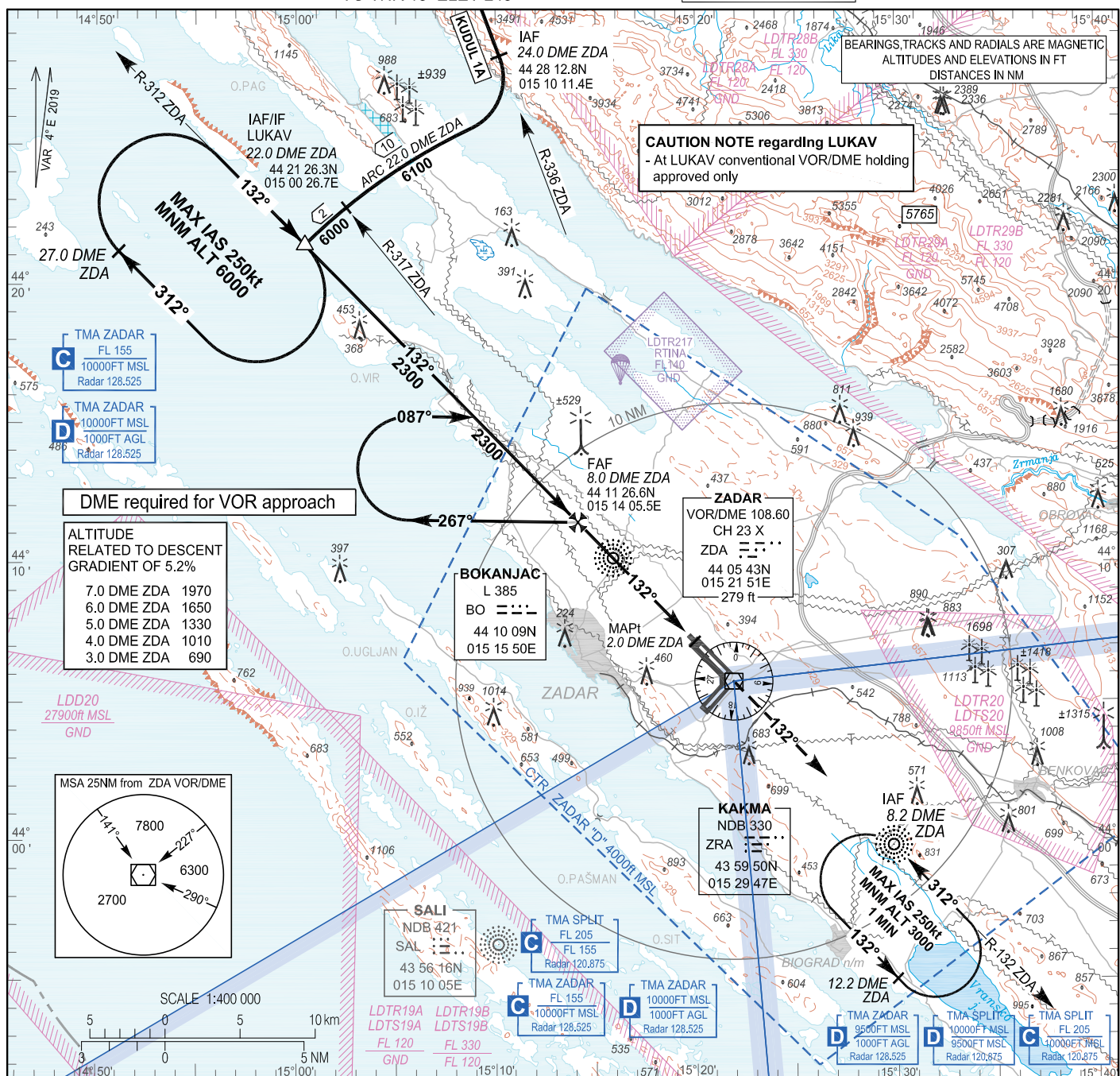
**VOR RWY 04**



AIRAC AIP AMDT 009/2025

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<br>providing track | True bearing or distance<br>providing intersection |
| IAF (via KUDUL)                               | 44 15 05.7N<br>015 17 00.7E   | 339.64° (from ZDA VOR)                          | 10.00 DME ZDA                                      |
| IAF (SAL NDB)                                 | 43 56 16.30N<br>015 10 05.20E | -                                               | -                                                  |
| IAF (ZRA NDB)                                 | 43 59 49.76N<br>015 29 47.31E | -                                               | -                                                  |
| IF                                            | 44 00 01.0N<br>015 14 04.3E   | ARC 8.00 DME ZDA                                | 224.61° (from ZDA VOR)                             |
| FAF                                           | 44 01 48.0N<br>015 16 30.0E   | 224.61° (from ZDA VOR)                          | 5.50 DME ZDA                                       |
| MAPt                                          | 44 04 17.7N<br>015 19 54.3E   | 224.61° (from ZDA VOR)                          | 2.00 DME ZDA                                       |
| TP (ZDA VOR/DME)                              | 44 05 43.16N<br>015 21 51.22E | -                                               | -                                                  |



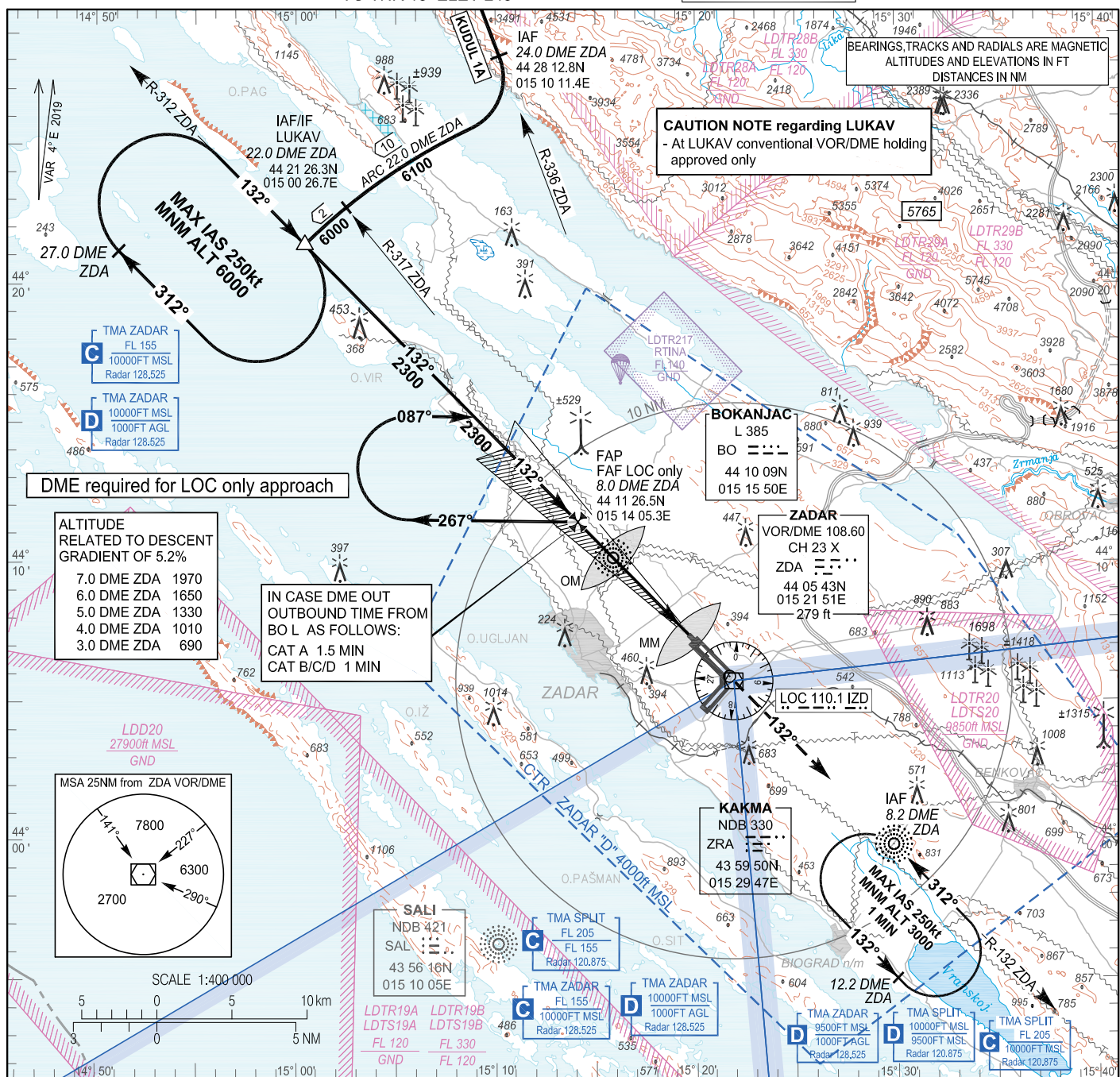
| AERONAUTICAL DATABASE REQUIREMENTS            |                               |                                                 |                                                    |
|-----------------------------------------------|-------------------------------|-------------------------------------------------|----------------------------------------------------|
| Conventional procedure essential fixes/points |                               |                                                 |                                                    |
| VOR RWY 13                                    |                               |                                                 |                                                    |
| Final approach descent angle:                 |                               | 3.03°                                           |                                                    |
| Fix identification                            | Coordinates                   | True bearing or ARC distance<br>providing track | True bearing or distance<br>providing intersection |
| IAF (VIA KUDUL)                               | 44 28 12.8N<br>015 10 11.4E   | 339.64° (from ZDA VOR)                          | 24.00 DME ZDA                                      |
| IAF / IF (LUKAV)                              | 44 21 26.3N<br>015 00 26.7E   | 315.72° (from ZDA VOR)                          | 22.00 DME ZDA                                      |
| IAF (ZRA NDB)                                 | 43 59 49.76N<br>015 29 47.31E | -                                               | -                                                  |
| IAF - <i>by ATC only</i><br>(ZDA VOR/DME)     | 44 05 43.16N<br>015 21 51.22E | -                                               | -                                                  |
| FAF                                           | 44 11 26.6N<br>015 14 05.5E   | 315.72° (from ZDA VOR)                          | 8.00 DME ZDA                                       |
| SDF (BO L)                                    | 44 10 09.29N<br>015 15 50.41E | 315.72° (from ZDA VOR)                          | 6.20 DME ZDA                                       |
| SDF                                           | 44 08 35.0N<br>015 17 58.4E   | 315.72° (from ZDA VOR)                          | 4.00 DME ZDA                                       |
| MAPt                                          | 44 07 09.1N<br>015 19 54.8E   | 315.72° (from ZDA VOR)                          | 2.00 DME ZDA                                       |

INSTRUMENT APPROACH  
CHART-ICAO

AD ELEV 289  
HEIGHTS RELATED  
TO THR 13 ELEV 243

ZADAR RADAR 128.525  
ZADAR TOWER 123.700  
ZADAR DELIVERY 132.975

ZADAR / Zemunik (LDZD)  
ILS or LOC RWY 13



| OCA(H)               |                         | A         | B        | C         | D        |
|----------------------|-------------------------|-----------|----------|-----------|----------|
| Straight-in Approach | ILS CAT I press. altim. | 427(184)  | 437(194) | 447(204)  | 457(214) |
|                      | LOC only                | 560(317)  |          |           |          |
| CIRCLING             |                         | 1020(731) |          | 1170(881) |          |

|                            |     |     |     |     |     |     |
|----------------------------|-----|-----|-----|-----|-----|-----|
| GS(kt)                     | 70  | 90  | 100 | 120 | 140 | 160 |
| Rate of descent (ft / min) | 370 | 470 | 530 | 640 | 740 | 850 |

CHANGE: ZKL withdrawn; Obstacles updated.

ZADAR / Zemunik (LDZD)

ILS or LOC RWY 13

| AERONAUTICAL DATABASE REQUIREMENTS            |                               |                                              |                                                 |
|-----------------------------------------------|-------------------------------|----------------------------------------------|-------------------------------------------------|
| Conventional procedure essential fixes/points |                               |                                              |                                                 |
| ILS or LOC RWY 13                             |                               |                                              |                                                 |
| LOC only - final approach descent angle:      |                               | 3.03°                                        |                                                 |
| Fix identification                            | Coordinates                   | True bearing or ARC distance providing track | True bearing or distance providing intersection |
| IAF (VIA KUDUL)                               | 44 28 12.8N<br>015 10 11.4E   | 339.64° (from ZDA VOR)                       | 24.00 DME ZDA                                   |
| IAF / IF (LUKAV)                              | 44 21 26.3N<br>015 00 26.7E   | 315.72° (from ZDA VOR)                       | 22.00 DME ZDA                                   |
| IAF (ZRA NDB)                                 | 43 59 49.76N<br>015 29 47.31E | -                                            | -                                               |
| IAF - <i>by ATC only</i><br>(ZDA VOR/DME)     | 44 05 43.16N<br>015 21 51.22E | -                                            | -                                               |
| FAP / FAF LOC only                            | 44 11 26.5N<br>015 14 05.3E   | 135.69° (IZD LOC)                            | 8.00 DME ZDA                                    |
| SDF LOC only (OM)                             | 44 10 09.07N<br>015 15 50.69E | 135.69° (IZD LOC)                            | 6.19 DME ZDA                                    |
| MAPt LOC only (MM)                            | 44 07 23.53N<br>015 19 35.24E | 135.69° (IZD LOC)                            | 2.34 DME ZDA                                    |

CHANGE: ZK L withdrawn; Obstacles updated.

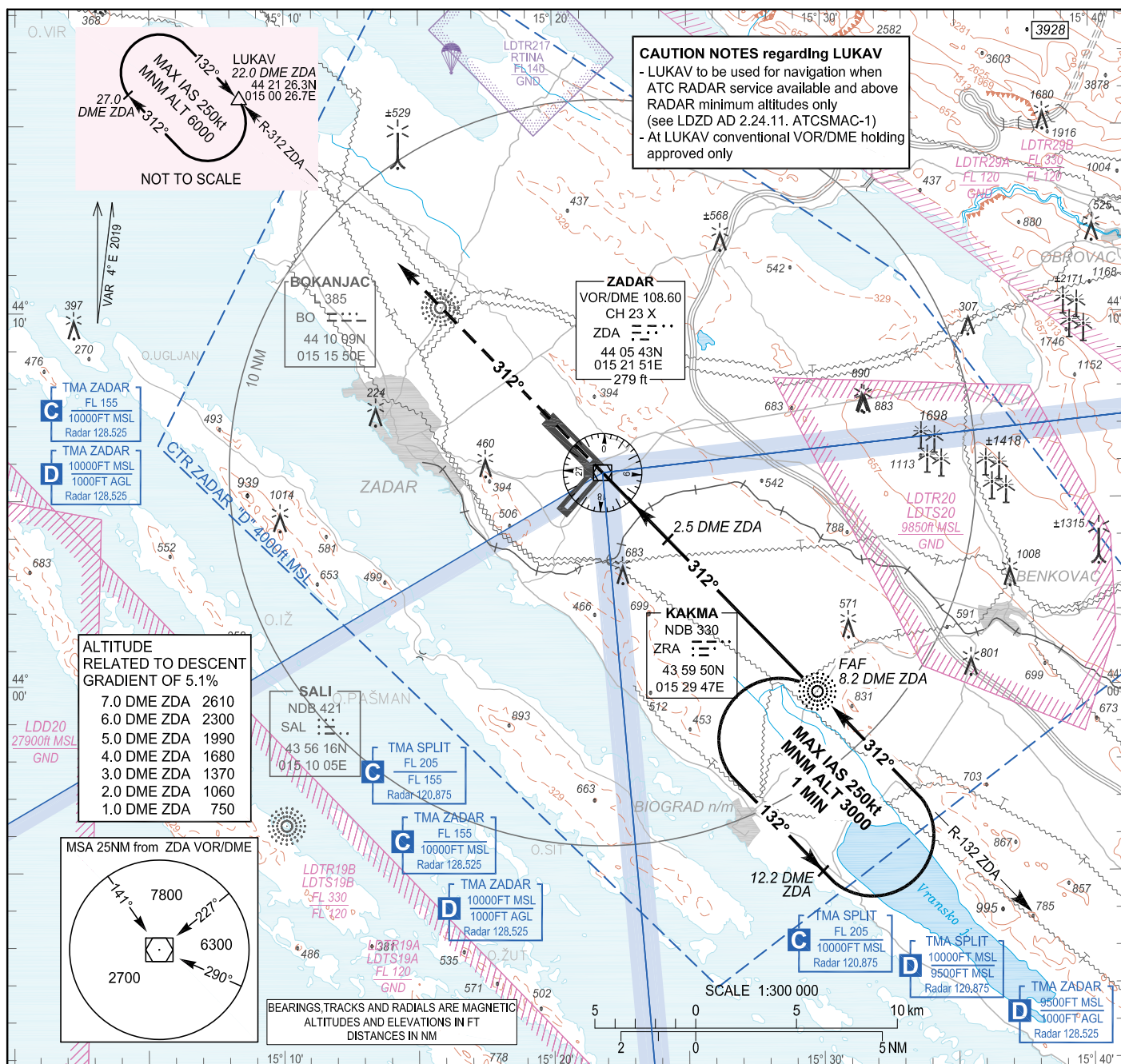
INSTRUMENT APPROACH  
CHART-ICAO

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



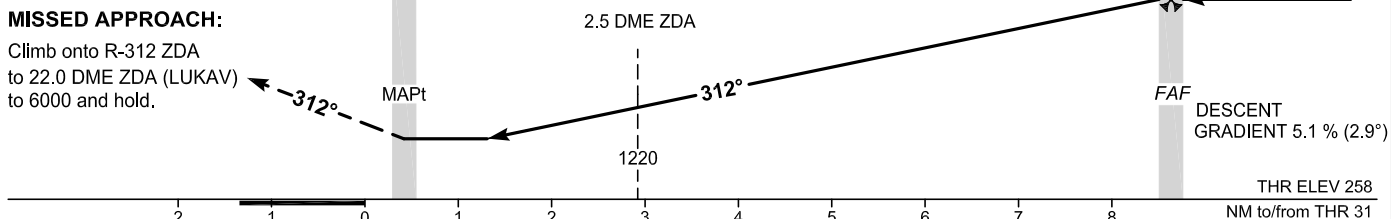
TRANSITION ALT 10 000

ZDA VOR/DME

ZRA NDB  
8.2 DME ZDA

**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: ZK L withdrawn; Obstacles updated.

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<br>providing track | True bearing or distance<br>providing intersection |
| IAF (ZRA NDB)                                 | 43 59 49.76N<br>015 29 47.31E | -                                               | -                                                  |
| FAF (ZRA NDB)                                 | 43 59 49.76N<br>015 29 47.31E | 315.87° (ZDA VOR)                               | 8.21 DME ZDA                                       |
| SDF                                           | 44 03 55.6N<br>015 24 16.3E   | 315.86° (ZDA VOR)                               | 2.50 DME ZDA                                       |
| MAPt (ZDA VOR/DME)                            | 44 05 43.16N<br>015 21 51.22E | -                                               | -                                                  |

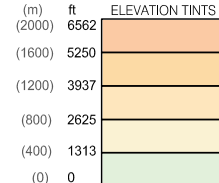
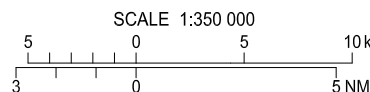
CHANGE: ZK L withdrawn; Obstacles updated.



ALTITUDES AND ELEVATIONS IN FT

| Reporting Point | Definition                         |
|-----------------|------------------------------------|
| <b>E4</b>       | East of village Škabrnja           |
| <b>I2</b>       | Village Islam Latinski             |
| <b>K2</b>       | Island Kornati                     |
| <b>N6</b>       | Village Ražanac                    |
| <b>O2</b>       | Town Obrovac                       |
| <b>P2</b>       | Town Pirovac                       |
| <b>R1</b>       | Village Rivanj                     |
| <b>S4</b>       | Between villages Pašman and Turanj |
| <b>V1</b>       | Village Vir                        |
| <b>W2</b>       | Between villages Preko and Kali    |
| <b>W3</b>       | Island Prvić                       |
| <b>Z1</b>       | Village Žažvić                     |

**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
- Significant VFR point
- Recommended VFR route
- Mandatory (arrival - departure) VFR route

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

CHANGE: ZK L withdrawn; Obstacles updated.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA  
THIS PAGE INTENTIONALLY LEFT BLANK