REPUBLIC OF CROATIA

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AIRAC AIP AMDT 012/2024
Effective Date: 26 DEC 2024
Publication Date: 14 NOV 2024

1. Amendment contents:

GEN

- **GEN 0.2** - Record of AIP amendments - updated
- **GEN 0.3** - Record of AIP supplements - updated
- **GEN 0.4** - Checklist of AIP pages - updated
- **GEN 0.5** - List of hand amendments to the AIP - corrected and updated
- **GEN 3.5.3** - Meteorological observations and reports - table (Climatological information) changed

AD

- **LDRI AD 2** - New Charts:
  - Standard Departure Chart - Instrument - ICAO RWY 14 (LDRI AD 2.24.8 SID RWY 14 -1/2)
  - Standard Departure Chart - Instrument - ICAO RNAV RWY 14 (LDRI AD 2.24.8 SID RNAV RWY 14 -1/4)
  - Standard Departure Chart - Instrument - ICAO RWY 32 (LDRI AD 2.24.8 SID RWY 32 -1/2)
  - Standard Departure Chart - Instrument - ICAO RNAV RWY 32 (LDRI AD 2.24.8 SID RNAV RWY 32 -1/4)
  - Standard Arrival Chart - Instrument - ICAO RWY 14/32 (LDRI AD 2.24.10 STAR RWY 14/32 -1/2)
  - Standard Arrival Chart - Instrument - ICAO RNAV RWY 14 (LDRI AD 2.24.10 STAR RNAV RWY 14 -1/2)
  - Standard Arrival Chart - Instrument - ICAO RNAV RWY 32 (LDRI AD 2.24.10 STAR RNAV RWY 32 -1/4)
  - Instrument Approach Chart - ICAO VOR RWY 14 (LDRI AD 2.24.12 IAC VOR RWY 14 -1/2)
  - Instrument Approach Chart - ICAO ILS y or LOC y RWY 14 (LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 -1/2)
  - Instrument Approach Chart - ICAO ILS z or LOC z RWY 14 (LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 -1/4)
  - Instrument Approach Chart - ICAO VOR RWY 32 (LDRI AD 2.24.12 IAC VOR RWY 32 -1/2)
  - Instrument Approach Chart - ICAO RNP RWY 14 (LDRI AD 2.24.12 IAC RNP RWY 14 -1/4)
  - Instrument Approach Chart - ICAO RNP RWY 32 (LDRI AD 2.24.12 IAC RNP RWY 32 -1/4)
  - Visual Operation Chart (LDRI AD 2.24.13 VOC -1/2)
- **LDSB AD 2.3** - Operational hours - AD operator operational hours changed

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: NIL

SUP: NIL

AIC: NIL

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

Insert the following pages

GEN 0.2 - 3/4	30 DEC 2021 / 26 DEC 2024
GEN 0.3 - 1/2	26 DEC 2024 / 01 FEB 2018
GEN 0.4 - 1/2	26 DEC 2024 / 26 DEC 2024
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GEN 0.4 - 5/6	26 DEC 2024 / 26 DEC 2024
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GEN 0.4 - 9/10	26 DEC 2024 / 26 DEC 2024
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GEN 3.5 - 3/4	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.8 SID RWY 14 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.8 SID RNAV RWY 14 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.8 SID RNAV RWY 14 - 3/4	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.8 SID RWY 32 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.8 SID RNAV RWY 32 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.8 SID RNAV RWY 32 - 3/4	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.10 STAR RWY 14/32 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.10 STAR RNAV RWY 14 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.10 STAR RNAV RWY 32 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.10 STAR RNAV RWY 32 - 3/4	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.12 IAC RWY 14 VOR - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 3/4	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.12 IAC RNP RWY 14 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.12 IAC RNP RWY 14 - 3/4	26 DEC 2024 / 26 DEC 2024
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LDRI AD 2.24.12 IAC RNP RWY 32 - 3/4	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.12 IAC VOR RWY32 - 1/2	26 DEC 2024 / 26 DEC 2024
LDRI AD 2.24.13 VOC - 1/2	26 DEC 2024 / 26 DEC 2024
LDSB AD 2 - 1/2	18 APR 2024 / 26 DEC 2024

Remove the following pages

GEN 0.2 - 3/4	30 DEC 2021 / 28 NOV 2024
GEN 0.3 - 1/2	31 OCT 2024 / 01 FEB 2018
GEN 0.4 - 1/2	28 NOV 2024 / 28 NOV 2024
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GEN 0.4 - 5/6	28 NOV 2024 / 28 NOV 2024
GEN 0.4 - 7/8	28 NOV 2024 / 28 NOV 2024
GEN 0.4 - 9/10	28 NOV 2024 / 28 NOV 2024
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LDRI AD 2.24.8 SID RWY 14 - 1/2	11 JUL 2024 / 11 JUL 2024
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LDRI AD 2.24.8 SID RNAV RWY 14 - 3/4	11 JUL 2024 / 11 JUL 2024
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LDRI AD 2.24.12 IAC RWY 14 VOR - 1/2	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 - 1/2	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 1/2	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 3/4	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.12 IAC RNP RWY 14 - 1/2	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.12 IAC RNP RWY 14 - 3/4	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.12 IAC RNP RWY 32 - 1/2	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.12 IAC RNP RWY 32 - 3/4	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.12 IAC VOR RWY32 - 1/2	11 JUL 2024 / 11 JUL 2024
LDRI AD 2.24.13 VOC - 1/2	11 JUL 2024 / 11 JUL 2024
LDSB AD 2 - 1/2	18 APR 2024 / 16 MAY 2024

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

AIRAC AIP AMENDMENT			
NR/Year	*Publication date*	*Effective date*	*Inserted by*
013/2021	16-Dec-2021	27-Jan-2022	
001/2022	13-Jan-2022	24-Feb-2022	
002/2022	10-Feb-2022	24-Mar-2022	
003/2022	10-Mar-2022	21-Apr-2022	
004/2022	07-Apr-2022	19-May-2022	
005/2022	05-May-2022	16-Jun-2022	
006/2022	02-Jun-2022	14-Jul-2022	
007/2022	30-Jun-2022	11-Aug-2022	
008/2022	28-Jul-2022	08-Sep-2022	
009/2022	25-Aug-2022	06-Oct-2022	
010/2022	22-Sep-2022	03-Nov-2022	
011/2022	20-Oct-2022	01-Dec-2022	
012/2022	17-Nov-2022	29-Dec-2022	
013/2022	15-Dec-2022	26-Jan-2023	
001/2023	12-Jan-2023	23-Feb-2023	
002/2023	09-Feb-2023	23-Mar-2023	
003/2023	09-Mar-2023	20-Apr-2023	
004/2023	06-Apr-2023	18-May-2023	
005/2023	04-May-2023	15-Jun-2023	
006/2023	01-Jun-2023	13-Jul-2023	
007/2023	29-Jun-2023	10-Aug-2023	
008/2023	27-Jul-2023	07-Sep-2023	
009/2023	24-Aug-2023	05-Oct-2023	
010/2023	21-Sep-2023	02-Nov-2023	
011/2023	19-Oct-2023	30-Nov-2023	
012/2023	16-Nov-2023	28-Dec-2023	
013/2023	14-Dec-2023	25-Jan-2024	
001/2024	11-Jan-2024	22-Feb-2024	
002/2024	08-Feb-2024	21-Mar-2024	
003/2024	07-Mar-2024	18-Apr-2024	
004/2024	04-Apr-2024	16-May-2024	
005/2024	02-May-2024	13-Jun-2024	
006/2024	29-May-2024	11-Jul-2024	
007/2024	27-Jun-2024	08-Aug-2024	
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GEN 0.3 RECORD OF AIP SUPPLEMENTS

NR/Year	Subject	AIP Section(s) Affected	Period of Validity	Cancellation Record
014/2023	LDZA - ZAGREB/Franjo Tudjman Airport - Construction works at military area	LDZA AD 2	16-Nov-2023 - UFN	
005/2024	Ad-hoc established TRA/TSA flexible structures (for MIL use only) - Zagreb FIR lower airspace	ENR 5	02-May-2024 - UFN	
006/2024	Ad-hoc established D (Danger area) flexible structures	ENR 1 ENR 5	29-May-2024 - UFN	
007/2024	LDDU - DUBROVNIK/Rudjer Boskovic Airport - Trial instrument flight procedures	LDDU AD 2	03-Oct-2024 - UFN	
008/2024	LDZD - ZADAR/Zemunik Airport - Construction works of new part of the Main apron completed and changes of parking procedures at the apron	LDZD AD 2	22-Aug-2024 - UFN	
009/2024	LDDU - Airport DUBROVNIK/Rudjer Boskovic - Supplementary flight procedures during VOR/ DME DBK relocation WIP	LDDU AD 2	31-Oct-2024 - UFN	
010/2024	LDZA — ZAGREB/Franjo Tudjman Airport — Announcement of works on the RWY (THR 04) and TWY A	LDZA AD 2	26-Dec-2024 - UFN	

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GEN 0.4 CHECKLIST OF AIP PAGES

PART 1 - GENERAL (GEN)

Page	Date
GEN 0.1 - 1	23 MAR 2023
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GEN 0.1 - 3	23 MAR 2023
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GEN 0.2 - 1	20 JUL 2017
GEN 0.2 - 2	11 OCT 2018
GEN 0.2 - 3	30 DEC 2021
GEN 0.2 - 4	26 DEC 2024
GEN 0.2 - 5	27 JAN 2022
GEN 0.2 - 6	27 JAN 2022
GEN 0.3 - 1	26 DEC 2024
GEN 0.3 - 2	01 FEB 2018
GEN 0.4 - 1	26 DEC 2024
GEN 0.4 - 2	26 DEC 2024
GEN 0.4 - 3	26 DEC 2024
GEN 0.4 - 4	26 DEC 2024
GEN 0.4 - 5	26 DEC 2024
GEN 0.4 - 6	26 DEC 2024
GEN 0.4 - 7	26 DEC 2024
GEN 0.4 - 8	26 DEC 2024
GEN 0.4 - 9	26 DEC 2024
GEN 0.4 - 10	26 DEC 2024
GEN 0.5 - 1	28 NOV 2024
GEN 0.5 - 2	28 NOV 2024
GEN 0.5 - 3	26 DEC 2024
GEN 0.5 - 4	26 DEC 2024
GEN 0.6 - 1	28 NOV 2024
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GEN 1.1 - 1	15 JUL 2021
GEN 1.1 - 2	11 JUL 2024
GEN 1.1 - 3	15 JUL 2021
GEN 1.1 - 4	26 JAN 2023
GEN 1.1 - 5	26 JAN 2023
GEN 1.1 - 6	26 JAN 2023
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GEN 1.2 - 2	11 JUL 2024
GEN 1.2 - 3	18 MAY 2023
GEN 1.2 - 4	18 MAY 2023
GEN 1.2 - 5	11 JUL 2024
GEN 1.2 - 6	11 JUL 2024
GEN 1.2 - 7	11 JUL 2024
GEN 1.2 - 8	11 JUL 2024
GEN 1.2 - 9	11 JUL 2024
GEN 1.2 - 10	11 JUL 2024
GEN 1.2 - 11	11 JUL 2024
GEN 1.2 - 12	11 JUL 2024
GEN 1.3 - 1	12 DEC 2013
GEN 1.3 - 2	12 DEC 2013
GEN 1.3 - 3	18 MAY 2023
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GEN 1.6 - 1	15 JUL 2021
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GEN 1.7 - 1	12 OCT 2017
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GEN 1.7 - 7	12 AUG 2021
GEN 1.7 - 8	12 AUG 2021
GEN 1.7 - 9	12 AUG 2021
GEN 1.7 - 10	12 AUG 2021
GEN 1.7 - 11	12 AUG 2021
GEN 1.7 - 12	12 AUG 2021
GEN 1.7 - 13	12 AUG 2021
GEN 1.7 - 14	07 OCT 2021
GEN 1.7 - 15	07 OCT 2021
GEN 1.7 - 16	29 DEC 2022
GEN 1.7 - 17	29 DEC 2022
GEN 1.7 - 18	29 DEC 2022
GEN 1.7 - 19	08 AUG 2024
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GEN 2.1 - 1	23 MAR 2023
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GEN 2.3 - 9	04 NOV 2021
GEN 2.3 - 10	01 FEB 2018
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GEN 2.6 - 2	08 MAR 2012
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GEN 3.4 - 2	25 JAN 2024
GEN 3.4 - 3	13 JUN 2024
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GEN 3.4 - 5	13 JUN 2024
GEN 3.4 - 6	13 JUN 2024
GEN 3.4 - 7	13 JUN 2024
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GEN 3.4 - 9	13 JUN 2024
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GEN 3.5 - 2	18 APR 2024
GEN 3.5 - 3	26 DEC 2024
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GEN 4.1 - 8	07 SEP 2023
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GEN 4.1 - 10	08 AUG 2024
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GEN 4.1 - 15	08 AUG 2024
GEN 4.1 - 16	16 MAY 2024
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GEN 4.1 - 25	02 NOV 2023
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GEN 4.1 - 28	16 MAY 2024
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GEN 4.1 - 32	13 JUN 2024
GEN 4.1 - 33	05 OCT 2023
GEN 4.1 - 34	08 AUG 2024
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ENR 0.1 - 2	08 MAR 2012
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AIP page(s) affected	Amendment text	Introduced by AIP AMDT number:
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ENR 6.2 - 1, ENR 6.4 - 1, ENR 6.5 -1, ENR 6.5 -3, ENR 6.8 - 1 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 2.24.14 BC -1 ENR 1.6 -3	LDSP Airport name is changed to “Split/Saint Jerome” - all charts to which it is applicable.	AIRAC AIP AMDT 007/2024 (08 AUG 2024)
LDPL AD 2: ATCSMAC and VOC	Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 withdrawn.	AIRAC AIP AMDT 008/2024 (05 SEP 2024)
ENR 6.1 - 1, ENR 6.12 - 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, LDSB AD 2.24.12 IAC VOR-a RWY 03/21 -1	Heliport name “Firule” changed to “SPLIT-Firule”.	AIRAC AIP AMDT 009/2024 (03 OCT 2024)
ENR 6.12 - 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, LDSB AD 2.24.12 IAC VOR-a RWY 03/21 -1	Water aerodrome “SPLIT/Resnik” withdrawn.	AIRAC AIP AMDT 009/2024 (03 OCT 2024)
ENR 6 - all charts to which it is applicable	New Heliport „LDRD - RIJEKA/Delta" added.	AIRAC AIP AMDT 009/2024 (03 OCT 2024)
LDOS AD 2.24.1 ADC - 1	MET device Ceilometar added. Location: 452720N 0185014E MET device RVR added. Location: 452730N 0184919E	AIRAC AIP AMDT 010/2024 (31 OCT 2024)

AIP page(s) affected	Amendment text	Introduced by AIP AMDT number:
1	2	3
LDLO AD 2.24.8 SID RNAV RWY 02 CAT A&B -1 LDLO AD 2.24.8 SID RNAV RWY 20 CAT A&B -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	Water aerodrome LDPP “PULA” and LDRR “RAB/RAB” withdrawn.	AIRAC AIP AMDT 010/2024 (31 OCT 2024)
LDLO AD 2.24.10 STAR RWY 02/20 -1 LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) -1	Water aerodrome LDRR “RAB/RAB” withdrawn.	AIRAC AIP AMDT 010/2024 (31 OCT 2024)
LDLO AD 2.24.1 ADC -1	RWY 02/20 Strip dimensions should read 1020x140 (M). RWY 02 and RWY 20 RESA dimensions should read Length 90M, Width 60M. Type of RWY should read Instrument-non precision. RWY lighting according to AD 2.14, other lighting according to AD 2.15. RWY 02 PAPI (41ft) 3° Left.	AIRAC AIP AMDT 011/2024 (28 NOV 2024)
LDLO AD 2.24.2 APDC -1	Helicopter takeoff and landings only on RWY 02/20. Parking positions are determined by airport operator. RWY 02/20 Strip dimensions should read 1020x140 (M). RWY lighting according to AD 2.14, other lighting according to AD 2.15.	AIRAC AIP AMDT 011/2024 (28 NOV 2024)
ENR 6.8. -1 LDDU AD 2.24.12 IAC ILS y or LOC y RWY 11 -1 LDDU AD 2.24.12 IAC ILS z or LOC z RWY 11 -1 LDDU AD 2.24.13 VOC -1	Add FREQ 110.1 MHZ for DME 11 IDU	AIRAC AIP AMDT 011/2024 (28 NOV 2024)
LDLO AD 2.24.12 IAC RNP RWY 02 LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV / VNAV only)	Type of RWY should read Instrument non-precision.	AIRAC AIP AMDT 011/2024 (28 NOV 2024)

Name of station/ Location indicator	Type & frequency of observation/ automatic observing equipment	Types of MET reports & availability of trend forecasts	Observation system & site(s)	Hours of operation	Climatological information
1	2	3	4	5	6
ZAGREB/Franjo Tuđman LDZA	Half - hourly plus special observations	METAR MET REPORT SPECIAL TREND	RWY 04/22 3 transmissiometers (TDZ, MID, END) 2 anemometers (TDZ 04, TDZ 22) 2 ceilometers (MM 04, MM 22) 1 remote sensor for temperature and humidity reading (TDZ 04) 3 scattermeters (TDZ, MID, END) 2 present weather sensors (TDZ 04, TDZ 22) 2 cameras (TDZ 04, TDZ 22)	H24	Aerodrome climatological tables and summaries AVBL on request within 30 days.
PULA LDPL	Half - hourly plus special observations	METAR MET REPORT* SPECIAL* TREND** AUTO METAR ***	RWY 09/27 2 anemometers (TDZ 09, TDZ 27) 1 ceilometer (MM 27) 2 remote sensors for temperature and humidity reading (TDZ 27, MID) 2 scattermeters (TDZ 27, MID) 2 present weather sensors (TDZ 27, MID) 1 lightning sensor (MID) 2 cameras (TDZ 27, LOC 27)	H24 *AD HR SER **2 hours before AD HR SER and AD HR SER *** outside AD HR SER	Aerodrome climatological tables and summaries AVBL on request within 30 days.
SPLIT/Saint Jerome LDSP	Half - hourly plus special observations	METAR MET REPORT* SPECIAL* TREND** AUTO METAR***	RWY 05/23 2 anemometers (TDZ 05, TDZ 23) 1 ceilometer (MM 05) 1 remote sensor for temperature and humidity reading (TDZ 05) 1 scattermeter (TDZ 05) 1 present weather sensor (TDZ 05) 1 lightning sensor (MID) 2 cameras (TDZ 05, LOC 05)	H24 *AD HR SER **2 hours before AD HR SER and AD HR SER ***outside AD HR SER	Aerodrome climatological tables and summaries AVBL on request within 30 days.
DUBROVNIK/ Rudjer Boskovic LDDU	Half - hourly plus special observations	METAR MET REPORT* SPECIAL* TREND**	RWY 11/29 2 anemometers (TDZ 11,TDZ 29) 1 ceilometer (MM 11) 1 remote sensor for temperature and humidity reading (TDZ 11) 1 scattermeter (TDZ 11) 2 cameras (TDZ 11, TDZ 29)	H24 *AD HR SER **2 hours before AD HR SER and AD HR SER	Aerodrome climatological tables and summaries AVBL on request within 30 days.
ZADAR/ Zemunik LDZD	Half - hourly plus special observations	METAR MET REPORT* SPECIAL* TREND**	RWY 13/31 2 anemometers (TDZ 13, TDZ 31) 1 ceilometer (MM 13) 1 remote sensor for temperature and humidity reading (TDZ 13) 1 scattermeter (TDZ 13) 2 cameras (TDZ 13, LOC 13) RWY 04/22 1 anemometer (TDZ 04)	H24 *AD HR SER **2 hours before AD HR SER and AD HR SER	Aerodrome climatological tables and summaries AVBL on request within 30 days.

Name of station/ Location indicator	Type & frequency of observation/ automatic observing equipment	Types of MET reports & availability of trend forecasts	Observation system & site(s)	Hours of operation	Climatological information
1	2	3	4	5	6
RIJEKA/Krk I. LDRI	Half - hourly plus special observations	METAR MET REPORT* SPECIAL*	RWY 14/32 2 anemometers (TDZ 14, TDZ 32) 1 remote sensor for temperature and humidity reading (TDZ 14) 2 cameras (TDZ 14, LOC 14)	H24 *AD HR SER	Aerodrome climatological tables and summaries AVBL on request within 30 days.
OSIJEK/Klisa LDOS	Half - hourly plus special observations	METAR MET REPORT* SPECIAL*	RWY 11/29 2 anemometers (TDZ 11, TDZ 29) 1 celiometer (MM 29) 1 remote sensor for temperature and humidity reading (TDZ 29) 1 scattermeter (TDZ 29) 1 present weather sensor (TDZ 29) 2 cameras (LOC 29, LOC 11)	H24 *AD HR SER	Aerodrome climatological tables and summaries AVBL on request within 30 days.
LOŠINJ/Lošinj I. LDLO	Half - hourly plus special observations	METAR MET REPORT SPECIAL	RWY 02/20 1 anemometer (300 M FM THR 02) 1 remote sensor for temperature and humidity reading (300 M FM THR 02)	ATS HR SER	Aerodrome climatological tables and summaries AVBL on request within 30 days.
BRAČ/Brač I. LDSB	Half - hourly plus special observations	METAR MET REPORT SPECIAL	RWY 03/21 2 anemometers (TDZ 03, TDZ 21) 1 remote sensor for temperature and humidity reading (TDZ 21) 1 camera (TDZ 03)	ATS HR SER	Aerodrome climatological tables and summaries AVBL on request within 30 days.

AUTO METAR:
AUTO METAR reports are generated and disseminated outside aerodrome service hours according to the following terms:
The content of these reports will include all meteorological parameters which are part of METAR corresponding to ICAO Annex 3, except:

- No cloud type will be reported (TCU, CB)
- No Supplementary information on WS will be reported

In the AUTO METAR report if the system has not detected any clouds, instead of using:

- NSC (no significant cloud)

the following abbreviation will be used:

- NCD (no cloud detected)

The generation of AUTO METAR is based on instrumental measurements at specific locations and algorithms only and not on human observations or measurements.

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

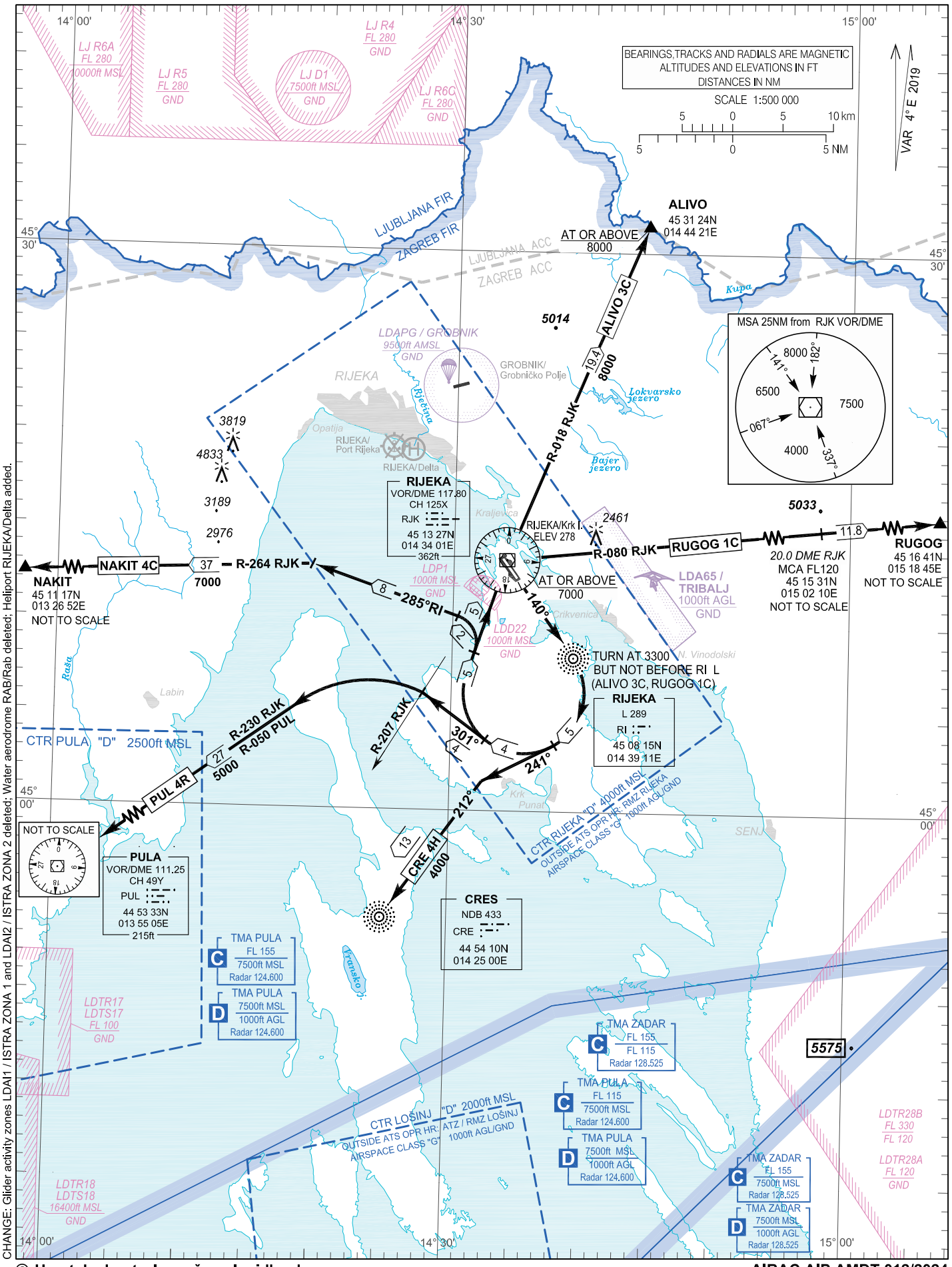
TRANSITION ALTITUDE 10 000

RIJEKA TOWER	119.000
PULA RADAR	127.675
	124.600

RIJEKA / Krk I. (LDRI)

ALIVO 3C RUGOG 1C CRE 4H
PUL 4R NAKIT 4C

RWY 14



CHANGE: Glider activity zones LDA1 / ISTRA ZONA 1 and LDA2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

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STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

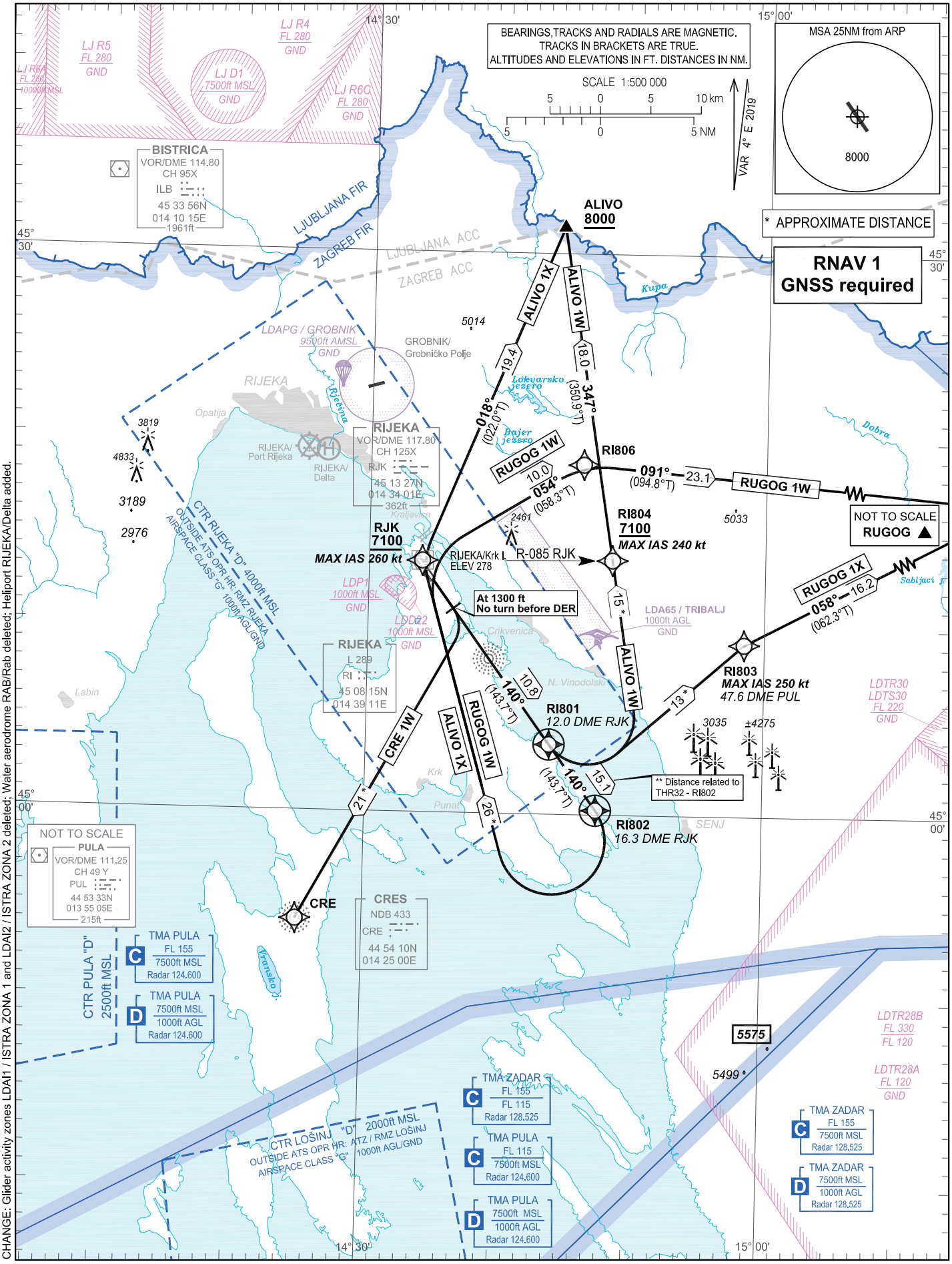
TRANSITION ALTITUDE 10 000

RIJEKA TOWER	119.000
PULA RADAR	127.675
	124.600

CRE 1W ALIVO 1X RUGOG 1W
ALIVO 1W RUGOG 1X

RIJEKA / Krk I. (LDRI)

RNAV RWY 14



CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

RNAV RWY 14

CRE 1W ALIVO 1X RUGOG 1W
ALIVO 1W RUGOG 1X

GENERAL INFORMATION AND REQUIREMENTS FOR ALL SIDs

- Calculation of the SIDs is based on an all-engines operative minimum net climb gradient of 3.3 per cent (201 ft/NM). Where a greater climb gradient for a specific SID (or part of SID) is necessary, this is indicated in the tabular description of the route.
- After take off, climb initially to 8000 ft. After passing 4000 ft, contact Pula Radar on 127.675 MHz.

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID CRE 1W only:

Climb straight ahead. At 1300 ft AMSL turn RIGHT climbing to CRE NDB. On passing 3500 ft AMSL proceed via RNAV SID CRE 1W or according to ATC instruction. No turn before DER.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 14

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	CRE 1W	CA	-	-	140° (143.7°T)	4°E	-	-	@1300	-	No turn before DER	RNAV 1
020		DF	CRE	-	-	4°E	-	R	-	-		

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID ALIVO 1X only:

Climb straight ahead to RI L. After RI L proceed climbing on bearing QDR 140° RI L to 16.3 DME RJK. At 16.3 DME RJK turn RIGHT climbing to RJK VOR DME. Cross RJK VOR DME at or above 7100 ft AMSL. On passing 7100 ft AMSL proceed via RNAV SID ALIVO 1X or according to ATC instruction. MAX IAS 260 kt. MNM PDG 3.4% (207 ft/NM) to 3000 ft AMSL.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 14

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	ALIVO 1X	CF	RI802	Y	140° (143.7°T)	4°E	15.1	-	-	-	MNM PDG 3.4% (207 ft/NM) to 3000 ft AMSL	RNAV 1
020		DF	RJK	-	-	4°E	-	R	+7100	-260		
030		TF	ALIVO	-	018° (022.0°T)	4°E	19.4	-	+8000	-		

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID RUGOG 1W only:

Climb straight ahead to RI L. After RI L proceed climbing on bearing QDR 140° RI L to 16.3 DME RJK. At 16.3 DME RJK turn RIGHT climbing to RJK VOR DME. Cross RJK VOR DME at or above 7100 ft AMSL. On passing 7100 ft AMSL proceed via RNAV SID RUGOG 1W or according to ATC instruction. MAX IAS 260 kt. MNM PDG 3.6% (219 ft/NM) to 6000 ft AMSL.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 14

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	RUGOG 1W	CF	RI802	Y	140° (143.7°T)	4°E	15.1	-	-	-	MNM PDG 3.6% (219 ft/NM) to 6000 ft AMSL	RNAV 1
020		DF	RJK	-	-	4°E	-	R	+7100	-260		
030		TF	RI806	-	054° (058.3°T)	4°E	10.0	-	-	-		
040		TF	RUGOG	-	091° (094.8°T)	4°E	23.1	-	-	-		

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

CRE 1W ALIVO 1X RUGOG 1W
ALIVO 1W RUGOG 1X

RNAV RWY 14

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID ALIVO 1W only:

Climb straight ahead to RI L. After RI L proceed climbing on bearing QDR 140° RI L to 12.0 DME RJK. At 12.0 DME RJK turn LEFT climbing on track 347°. Cross R-085 RJK at or above 7100 ft AMSL. On passing 7100 ft AMSL proceed via RNAV SID ALIVO 1W or according to ATC instruction. MAX IAS 240 kt. MNM PDG 6.0% (365 ft/NM) to 7100 ft AMSL.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 14

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	ALIVO 1W	CF	RI801	Y	140° (143.7°T)	4°E	10.8	-	-	-	MNM PDG 6.0% (365 ft/NM) to 7100 ft AMSL	RNAV 1
020		DF	RI804	-	-	4°E	-	L	+7100	-240		
030		TF	ALIVO	-	347° (350.9°T)	4°E	18.0	-	+8000	-		

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID RUGOG 1X only:

Climb straight ahead to 12.0 DME RJK. At 12.0 DME RJK turn LEFT climbing to intercept and follow bearing QDR 054° CRE NDB climbing to 47.6 DME PUL. On passing 7100 ft AMSL proceed via RNAV SID RUGOG 1X or according to ATC instruction. MAX IAS 250 kt. MNM PDG 6.0% (365 ft/NM) to 7100 ft AMSL.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 14

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	RUGOG 1X	CF	RI801	Y	140° (143.7°T)	4°E	10.8	-	-	-	MNM PDG 6.0% (365 ft/NM) to 7100 ft AMSL	RNAV 1
020		DF	RI803	-	-	4°E	-	L	-	-250		
030		TF	RUGOG	-	058° (062.3°T)	4°E	16.2	-	-	-		

Waypoint coordinates		
Waypoint name	WGS-84 Latitude	WGS-84 Longitude
ALIVO	453124N	0144421E
RUGOG	451641N	0151845E
CRE	445410.37N	0142459.57E
RJK	451326.85N	0143401.06E
RI801	450343.9N	0144351.1E
RI802	450014.3N	0144727.2E
RI803	450911.6N	0145828.0E
RI804	451336.8N	0144824.4E
RI806	451842.8N	0144607.1E

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

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STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

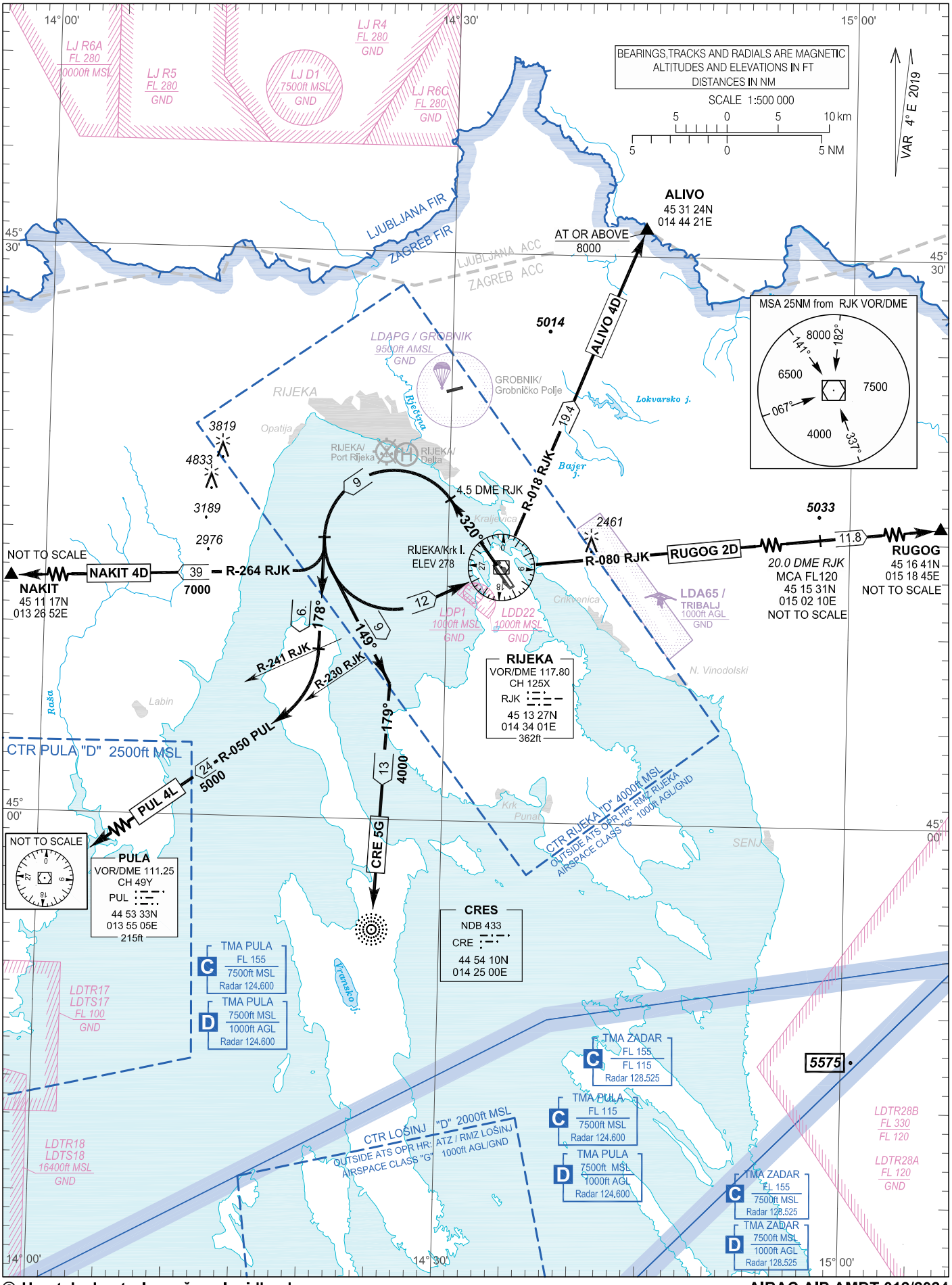
TRANSITION ALTITUDE
10 000

RIJEKA TOWER	119.000
PULA RADAR	127.675
	124.600

ALIVO 4D RUGOG 2D CRE 5G
PUL 4L NAKIT 4D

RIJEKA / Krk I. (LDRI)

RWY 32



CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
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STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

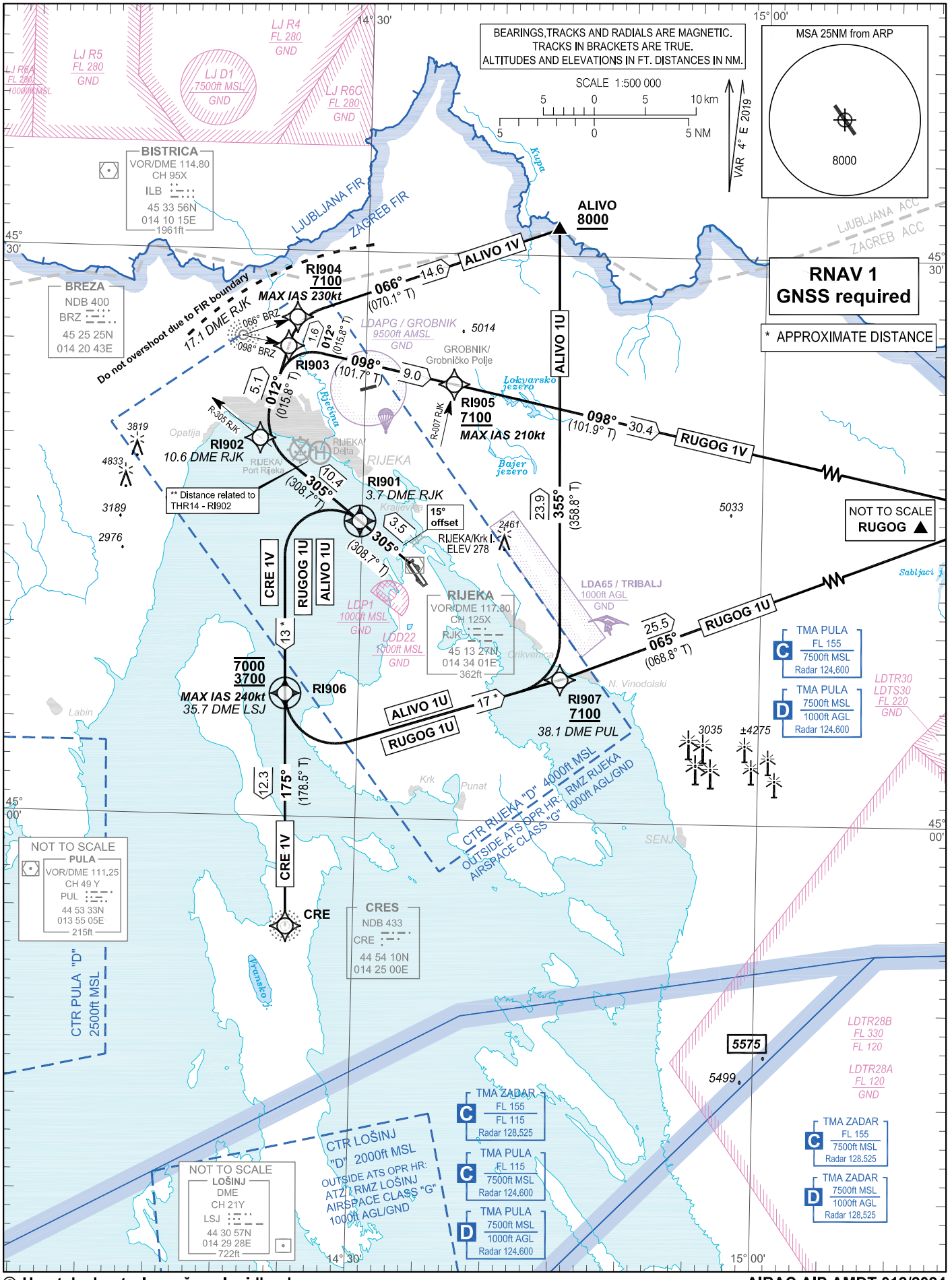
TRANSITION ALTITUDE 10 000

RIJEKA TOWER	119.000
PULA RADAR	127.675
	124.600

CRE 1V ALIVO 1U RUGOG 1U
ALIVO 1V RUGOG 1V

RIJEKA / Krk I. (LDRI)

RNAV RWY 32



CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

RNAV RWY 32 CRE 1V ALIVO 1V ALIVO 1U RUGOG 1V RUGOG 1U

GENERAL INFORMATION AND REQUIREMENTS FOR ALL SIDs

- Calculation of the SIDs is based on an all-engines operative minimum net climb gradient of 3.3 per cent (201 ft/NM). Where a greater climb gradient for a specific SID (or part of SID) is necessary, this is indicated in the tabular description of the route.
- After take off, climb initially to 8000 ft. After passing 4000 ft, contact Pula Radar on 127.675 MHz.

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID CRE 1V only:

Climb on track 305°. At 3.7 DME RJK turn LEFT climbing to intercept and follow QDM 175° CRE NDB to 35.7 DME LSJ. Cross 35.7 DME LSJ at or above 3700 ft AMSL, but at or below 7000 ft AMSL. After crossing 35.7 DME LSJ proceed via RNAV SID flight procedure filed in FPL or according to ATC instruction. MAX IAS 240 kt. MNM PDG 4.0% (243 ft/NM) until 35.7 DME LSJ.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 32

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	CRE 1V	CF	RI901	Y	305° (308.7°T)	4°E	3.5	-	-	-	(1) MNM PDG 4.0% (243 ft/NM) until RI906	RNAV 1
020		DF	RI906	Y	-	4°E	-	L	-7000 +3700	-240	(2) Initial DEP track 15° offset of the RWY C/L.	
030		TF	CRE	-	175° (178.5°T)	4°E	12.3	-	-	-		

WARNING:Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SIDs ALIVO 1U and RUGOG 1U only:

Climb on track 305°. At 3.7 DME RJK turn LEFT climbing to intercept and follow QDM 175° CRE NDB to 35.7 DME LSJ. Cross 35.7 DME at or above 3700 ft AMSL, but at or below 7000 ft AMSL. After crossing 35.7 DME LSJ proceed via RNAV SID flight procedure filed in FPL or according to ATC instruction. MAX IAS 240 kt. MNM PDG 4.2% (255 ft/NM) to 7100 ft AMSL.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 32

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	ALIVO 1U	CF	RI901	Y	305° (308.7°T)	4°E	3.5	-	-	-	(1) MNM PDG 4.2% (255 ft/NM) to 7100 ft AMSL	RNAV 1
020		DF	RI906	Y	-	4°E	-	L	-7000 +3700	-240	(2) Initial DEP track 15° offset of the RWY C/L.	
030		DF	RI907	-	-	4°E	-	L	+7100			
040		TF	ALIVO	-	355° (358.8° T)	4°E	23.9	L	+8000	-		
010	RUGOG 1U	CF	RI901	Y	305° (308.7°T)	4°E	3.5	-	-	-	(1) MNM PDG 4.2% (255 ft/NM) to 7100 ft AMSL	RNAV 1
020		DF	RI906	Y	-	4°E	-	L	-7000 +3700	-240	(2) Initial DEP track 15° offset of the RWY C/L.	
030		DF	RI907	-	-	4°E	-	L	+7100			
040		TF	RUGOG	-	065° (068.8° T)	4°E	25.5	-	-	-		

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID ALIVO 1V only:

Climb on R-305 RJK. At 10.6 DME RJK turn RIGHT on track 012° climbing to intercept and follow QDR 066° BRZ NDB to ALIVO. On passing 7100 ft AMSL proceed via RNAV SID ALIVO 1V or according to ATC instruction. MAX IAS 230 kt. MNM PDG 6.8% (413 ft/NM) to 7100 ft AMSL. Due to FIR boundary, do not overshoot 17.1 DME RJK during the turns.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 32

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	ALIVO 1V	CF	RI902	-	305° (308.7°T)	4°E	10.4	-	-	-	(1) MNM PDG 6.8% (413 ft/NM) to 7100 ft AMSL.	RNAV 1
020		TF	RI904	-	012° (015.8°T)	4°E	6.7	-	+7100	-230	(2) Initial DEP track 15° offset of the RWY C/L.	
030		TF	ALIVO	-	066° (070.1°T)	4°E	14.6	-	+8000	-		

WARNING: Back-up conventional (NON-RNAV) procedure, in case of loss of RNAV 1 capability or RNAV system failure, below minimum radar vectoring altitude for RNAV SID RUGOG 1V only:

Climb on R-305 RJK. At 10.6 DME RJK turn RIGHT on track 012° climbing to intercept and follow QDR 098° BRZ NDB to RUGOG.
Cross R-007 RJK at or above 7100 ft AMSL. On passing 7100 ft AMSL proceed via RNAV SID RUGOG 1V or according to ATC instruction. MAX IAS 210 kt. MNM PDG 6.6% (401 ft/NM) to 7100 ft AMSL. Due to FIR boundary, do not overshoot 17.1 DME RJK during the turns.

LDRI RNAV STANDARD INSTRUMENT DEPARTURE RWY 32

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	RUGOG 1V	CF	RI902	-	305° (308.7°T)	4°E	10.4	-	-	-	(1) MNM PDG 6.6% (401 ft/NM) to 7100 ft AMSL	RNAV 1
020		TF	RI903	-	012° (015.8°T)	4°E	5.1	-	-	-	(2) Initial DEP track 15° offset of the RWY C/L.	
030		TF	RI905	-	098° (101.7°T)	4°E	9.0	-	+7100	-210		
040		TF	RUGOG	-	098° (101.9°T)	4°E	30.4	-	-	-		

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
ALIVO	453124N	0144421E
RUGOG	451641N	0151845E
CRE	445410.37N	0142459.57E
RI901	451543.1N	0142949.8E
RI902	452001.0N	0142211.8E
RI903	452455.0N	0142409.9E
RI904	452627.3N	0142447.0E
RI905	452304.4N	0143640.2E
RI906	450630.5N	0142432.7E
RI907	450732.1N	0144504.8E

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
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STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
10 000

PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

CRE 4B CRE 4K PUL 3B
PUL 3A GIRDA 1G GIRDA 1H RUGOG 1A

RIJEKA / Krk I. (LDRI)

RWY 14 / 32

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

CAUTION ADVISED
Due to strong North-easterly wind (Bura), gusts, wind shear and turbulence can be expected on final approach.

VAR 4° E 2019

MSA 25NM from RJK VOR/DME
8000 182° 141° 6500 7500 067° 4000 337°

BELOW 10 000 ft
MAX IAS 250 kt

BISTRICA
VOR/DME 114.80
CH 95X
ILB
45 33 56N
014 10 15E
1961ft

GIRDA
45 28 32N
014 08 02E

BREZA
NDB 400
BRZ
45 25 25N
014 20 43E

LDAPG / GROBNIK
9500ft AMSL
GND

5014

GIRDA 1G 105° 7000 9.5
GIRDA 1H

FOR BRZ NDB HLDG DESCRIPTION SEE INSET

11.8 278° 7000
45 23 01N
014 37 04E

RUGOG 1A 30.1 278° 7100

NOT TO SCALE
RUGOG
45 16 41N
015 18 45E

5033

R-009 RJK

21.6 GIRDA 1H 6000 319° CRE 4K ① 7000

INSET
19.3 DME RJK
144° 324°
BRZ NDB
MAX IAS 190 kt
1 MIN
MNM ALT 6400
NOT TO SCALE

Enter BRZ NDB holding at MNM ALT 7000, descend in holding pattern to 6400.
At 8000 and above standard ICAO holding speeds apply.

3819 4833 3189 2976

RIJEKA
VOR/DME 117.80
CH 125X
RJK
45 13 27N
014 34 01E
362ft

LDP1
1000ft MSL
GND

LDD22
1000ft MSL
GND

RIJEKA/Krk I.
ELEV 278

2461

LDA65 / TRIBALJ
1000ft AGL
GND

TMA PULA C FL 155 / 7500ft MSL Radar 124.600
TMA PULA D 7500ft MSL / 1000ft AGL Radar 124.600

MAX IAS 200 kt 1 MIN MNM ALT 5000 140° 320°

Enter RI L holding at MNM ALT 6000, descend in holding pattern to 5000.
At 8000 and above standard ICAO holding speeds apply.

RIJEKA
L 289
RI
45 08 15N
014 39 11E

PUL 3A 36.7 7000
PUL 3B 34.6 6000
CRE 4K ① 7000 17.3 CRE 4B 6000

025° 061° PULA/Pula ELEV 275

PULA
VOR/DME 111.25
CH 49Y
PUL
44 53 33N
013 55 05E
215ft

CTR PULA "D" 2500ft MSL

① CRE 4K MNM ALT 7000 due to BRZ NDB HLDG entry at 7000

CRES
NDB 433
CRE
44 54 10N
014 25 00E

CTR RIJEKA "D" 4000ft MSL
OUTSIDE ATS OPR HR: RMZ RIJEKA
AIRSPACE CLASS "G" 1000ft AGL/GND

TMA ZADAR C FL 155 / FL 115 Radar 128.525
TMA PULA C FL 115 / 7500ft MSL Radar 124.600
TMA PULA D 7500ft MSL / 1000ft AGL Radar 124.600

CTR LOŠINJ "D" 2000ft MSL
OUTSIDE ATS OPR HR: ATZ / RMZ LOŠINJ 1000ft AGL/GND
AIRSPACE CLASS "G"

5575

LDTR17
LDTS17
FL 100
GND

LDTR18
LDTS18
16400ft MSL
GND

LDTR28B
FL 330
FL 120

LDTR28A
FL 120
GND

TMA ZADAR C FL 155 / 7500ft MSL Radar 128.525
TMA ZADAR D 7500ft MSL / 1000ft AGL Radar 128.525

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

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
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STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE 10 000

PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

ROTAR 1W GIRDA 1X
RUGOG 1Z PUL 1Z

RIJEKA / Krk I. (LDRI)

RNAV RWY 14

RNAV 1
GNSS required

CAUTION ADVISED
Due to strong North-easterly wind (Bura), gusts, wind shear and turbulence can be expected on final approach.

Notes:
1. Below 10 000 ft MAX IAS 250 kt
2. STARs RNAV RWY 14 not to be used when RADAR service unavailable.
3. After direct clearance to a waypoint, intercept and follow arrival to IRDAX.
4. For APPROACH TRANSITION from GIRDA and SORDO see LDRI AD 2.24.12 IAC RNP RWY 14 and LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14.

GIRDA
IAF on ATC authorization only

BISTRICA
VOR/DME 114.80
CH 95X
ILB
45 33 56N
014 10 15E
1961ft

18.4
110°
(113.8°T)

ROTAR 1W
40.3
077°
(081.4°T)
RI603
8000
MAX IAS 250 kt
ROTAR
NOT TO SCALE

10.0
078°
(082.1°T)

ROTAR 1W
15.3
093°
(096.9°T)

PUL 1Z
10.0
016°
(020.2°T)

SORDO
8000
(7000 by ATC only)
MAX IAS 210 kt
IAF on ATC authorization only

PUL 1Z
21.3
016°
(020.1°T)

RI602
8000
MAX IAS 250 kt

PUL 1Z

IAF
IRDAX
8000
MAX IAS 210kt

109°
(113.5°T)
MAX IAS 210kt
1 MIN
8000

289°
(293.5°T)

RUGOG 1Z
33.3
274°
(277.8°T)
RUGOG
NOT TO SCALE

PULA
VOR/DME 111.25
CH 49 Y
PUL
44 53 33N
013 55 05E
215ft

PUL
PULA/Pula
ELEV 275

RIJEKA/Krk I.
ELEV 278

RIJEKA
VOR/DME 117.80
CH 125X
RJK
45 13 27N
014 34 01E
362ft

MSA 25NM from ARP
8000

VAR 4° E 2019

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

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

CTR PULA "D" 2500ft MSL
CTR RIJEKA "D" 4000ft MSL
OUTSIDE ATS OPR HR, RMZ RIJEKA
AIRSPACE CLASS "G" 1000ft AGL/GND
CTR LOŠINJ "D" 2000ft MSL
ATZ / RMZ LOŠINJ
1000ft AGL/GND
OUTSIDE ATS OPR HR,
AIRSPACE CLASS "G"

TMA PULA C FL 155 / 7500ft MSL / Radar 124.600
TMA PULA D 7500ft MSL / 1000ft AGL / Radar 124.600
TMA ZADAR C FL 155 / FL 115 / Radar 128.525
TMA PULA C FL 115 / 7500ft MSL / Radar 124.600
TMA PULA D 7500ft MSL / 1000ft AGL / Radar 124.600
TMA ZADAR C FL 155 / 7500ft MSL / Radar 128.525
TMA ZADAR D 7500ft MSL / 1000ft AGL / Radar 128.525

LJ R6A FL 280 10000ft MSL
LJ R5 FL 280 GND
LJ D1 7500ft MSL GND
LJ R4 FL 280 GND
LJ R6C FL 280 GND
LDAPG / GROBNIK 9500ft AMSL GND
LDP1 1000ft MSL GND
LDD22 1000ft MSL GND
LDA65 / TRIBALJ 1000ft AGL GND
LDTR17 LDTS17 FL 100 GND
LDTR18 LDTS18 16400ft MSL GND
LDTR28B FL 330 FL 120
LDTR28A FL 120 GND

LJUBLJANA FIR
ZAGREB FIR
LJUBLJANA ACC
ZAGREB ACC

GROBNIK/ Grobničko Polje
Rječina
Lokvarsko jezero
Bajer jezero
Opatija
RIJEKA
RIJEKA/ Port Rijeka
RIJEKA/ Delta
Kraljevica
Crikvenica
N.Vinodolski
Labin
Raša
Vranskoj
Krk
Punat
SENJ

3819
4833
3189
2976
2461
5014
3035
±4275
5033
5499

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome PULA/Pula and RAB/Rab deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

RNAV RWY 14 ROTAR 1W GIRDA 1X RUGOG 1Z PUL 1Z

LDRI RNAV STANDARD ARRIVAL RWY 14

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	ROTAR 1W	IF	ROTAR	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	RI603	-	077° (081.4°T)	4°E	40.3	-	+8000	-250	-	
030		TF	SORDO(1)	-	078° (082.1°T)	4°E	10.0	-	+8000(2)	-210	(1) IAF on ATC authorization only. (2) +7000 by ATC only.	
040		TF	IRDAX	-	093° (096.9°T)	4°E	15.3	-	+8000	-210	IAF	
010	GIRDA 1X	IF	GIRDA	-	-	4°E	-	-	-	-	IAF on ATC authorization only	RNAV 1
020		TF	IRDAX	-	110° (113.8°T)	4°E	18.4	-	+8000	-210	IAF	
010	RUGOG 1Z	IF	RUGOG	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	IRDAX	-	274° (277.8°T)	4°E	33.3	-	+8000	-210	IAF	
010	PUL 1Z	IF	PUL	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	RI602	-	016° (020.1°T)	4°E	21.3	-	+8000	-250	-	
030		TF	SORDO(3)	-	016° (020.2°T)	4°E	10.0	-	+8000(4)	-210	(3) IAF on ATC authorization only. (4) +7000 by ATC only.	
040		TF	IRDAX	-	093° (096.9°T)	4°E	15.3	-	+8000	-210	IAF	

IAF on ATC authorization only:
For APPROACH TRANSITION from GIRDA and SORDO see LDRI AD 2.24.12 IAC RNP RWY 14 and LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14

RNAV HOLDING tabular description

Waypoint name	Path descriptor	Inbound course °M (°T)	Leg time/ distance (NM)	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
IRDAX	HM	289° (293.5°T)	1 MIN / -	R	8000	-	210	4°E	-	RNAV 1

Waypoint coordinates

Waypoint name	WGS-84 Latitude	WGS-84 Longitude
GIRDA	452832N	0140802E
ROTAR	451546N	0125944E
RUGOG	451641N	0151845E
IRDAX	452103.8N	0143157.0E
SORDO	452255.7N	0141021.7E
PUL	445332.52N	0135505.23E
RI602	451333.0N	0140527.5E
RI603	452133.8N	0135618.7E

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome PULA/Pula and RAB/Rab deleted; Heliport RIJEKA/Delta added.

STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO

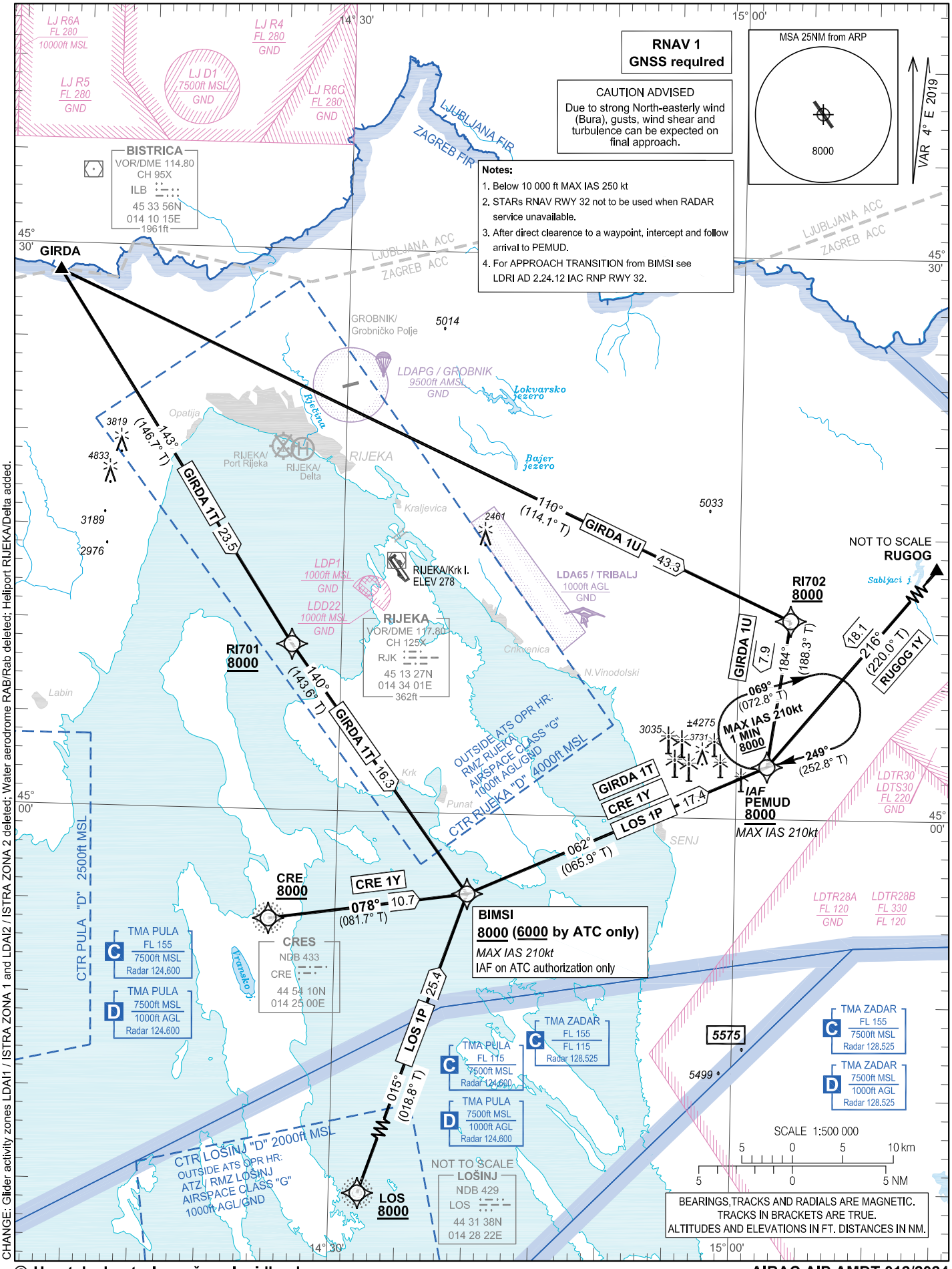
TRANSITION ALTITUDE
10 000

PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

GIRDA 1U RUGOG 1Y LOS 1P
CRE 1Y GIRDA 1T

RIJEKA / Krk I. (LDRI)

RNAV RWY 32



CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

RNAV RWY 32

GIRDA 1U RUGOG 1Y LOS 1P
CRE 1Y GIRDA 1T

LDRI RNAV STANDARD ARRIVAL RWY 32

Proposed tabular description for navigation database coding

Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	GIRDA 1U	IF	GIRDA	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	RI702	-	110° (114.1°T)	4°E	43.3	-	+8000	-	-	
030		TF	PEMUD	-	184° (188.3°T)	4°E	7.9	-	+8000	-210	IAF	
010	RUGOG 1Y	IF	RUGOG	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	PEMUD	-	216° (220.0°T)	4°E	18.1	-	+8000	-210	IAF	
010	LOS 1P	IF	LOS	-	-	4°E	-	-	+8000	-	-	RNAV 1
020		TF	BIMSI(1)	-	015° (018.8°T)	4°E	25.4	-	+8000(2)	-210	(1) IAF on ATC authorization only. (2) +6000 by ATC only.	
030		TF	PEMUD	-	062° (065.9°T)	4°E	17.4	-	+8000	-210	IAF	
010	CRE 1Y	IF	CRE	-	-	4°E	-	-	+8000	-	-	RNAV 1
020		TF	BIMSI(3)	-	078° (081.7°T)	4°E	10.7	-	+8000(4)	-210	(3) IAF on ATC authorization only. (4) +6000 by ATC only.	
030		TF	PEMUD	-	062° (065.9°T)	4°E	17.4	-	+8000	-210	IAF	
010	GIRDA 1T	IF	GIRDA	-	-	4°E	-	-	-	-	-	RNAV 1
020		TF	RI701	-	143° (146.7°T)	4°E	23.5	-	+8000	-	-	
030		TF	BIMSI(5)	-	140° (143.6°T)	4°E	16.3	-	+8000(6)	-210	(5) IAF on ATC authorization only. (6) +6000 by ATC only.	
040		TF	PEMUD	-	062° (065.9°T)	4°E	17.4	-	+8000	-210	IAF	

IAF on ATC authorization only: For APPROACH TRANSITION from BIMSI see LDRI AD 2.24.12 IAC RNP RWY 32

RNAV HOLDING tabular description

Waypoint name	Path descriptor	Inbound course °M (°T)	Leg time/ distance (NM)	Turn direction	Minimum altitude (ft)	Maximum altitude (ft)	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
PEMUD	HM	249° (252.8°T)	1 MIN / -	R	8000	-	210	4°E	-	RNAV 1

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

Waypoint coordinates		
Waypoint name	WGS-84 Latitude	WGS-84 Longitude
GIRDA	452832N	0140802E
RUGOG	451641N	0151845E
BIMSI	445542.4N	0143954.3E
PEMUD	450247.1N	0150218.3E
CRE	445410.37N	0142459.57E
LOS	443137.55N	0142822.25E
RI701	450851.5N	0142616.2E
RI702	451036.3N	0150354.7E

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Water aerodrome RAB/Rab deleted; Heliport RIJEKA/Delta added.

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA
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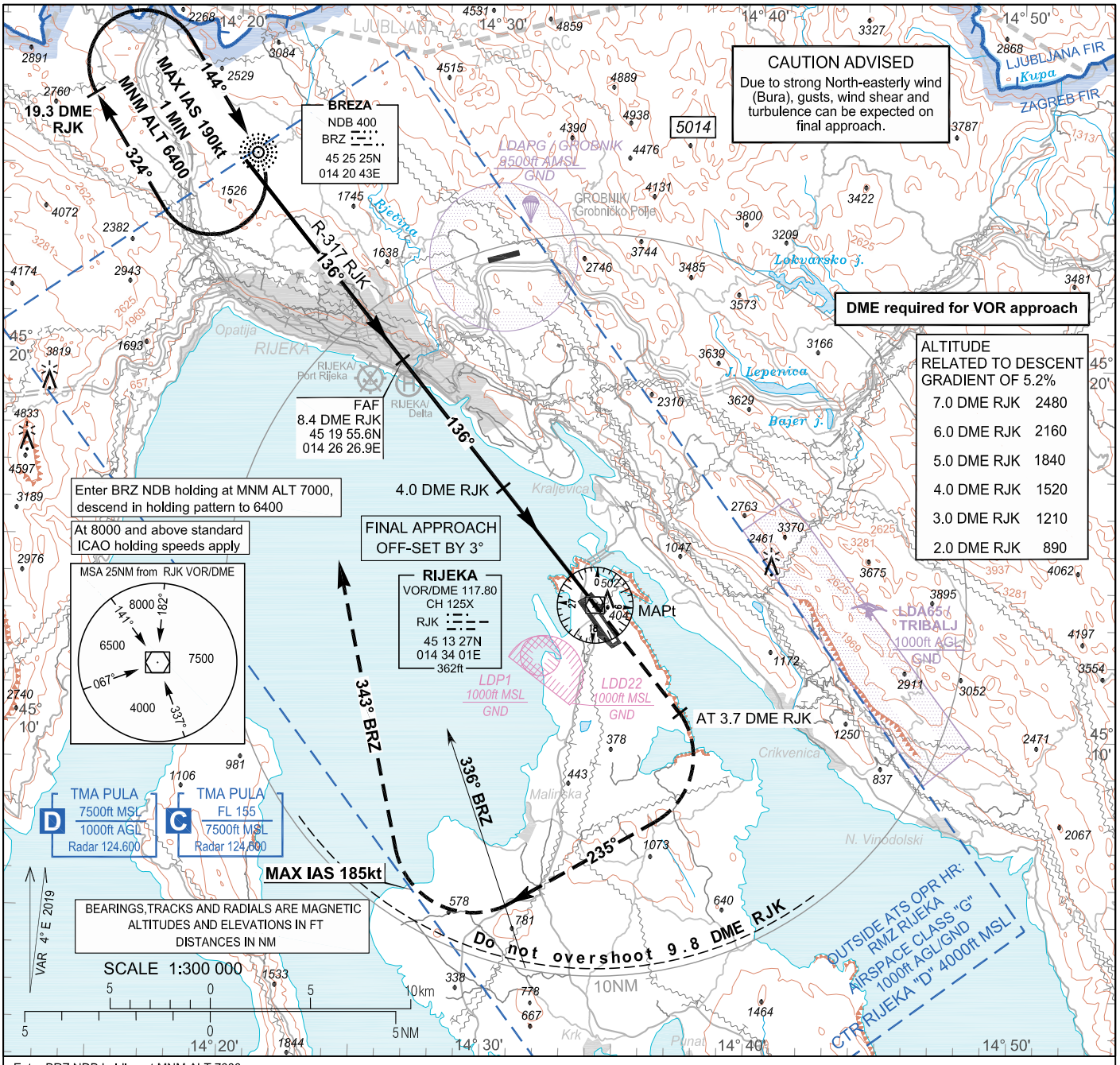
INSTRUMENT APPROACH
CHART - ICAO

AD ELEV 278
HEIGHTS RELATED
TO THR 14 ELEV 264

PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

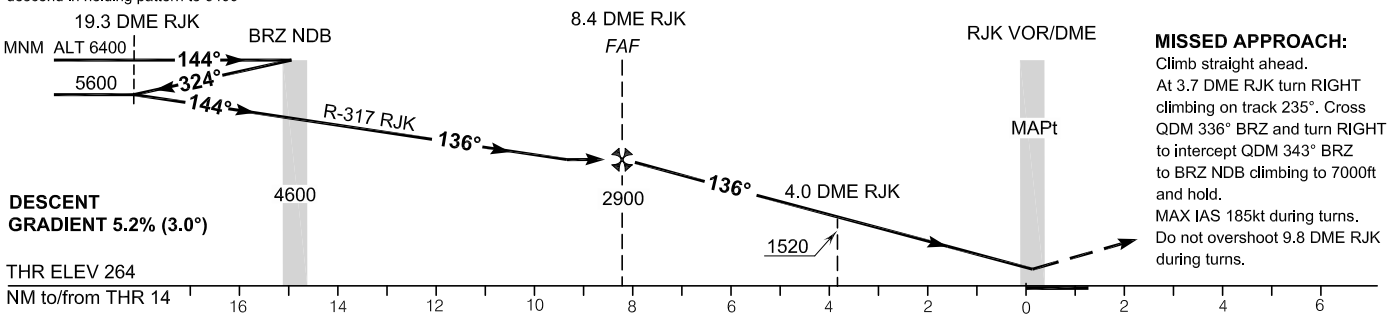
RIJEKA / Krk I. (LDRI)

VOR RWY 14



Enter BRZ NDB holding at MNM ALT 7000, descend in holding pattern to 6400

TRANSITION ALT 10 000



MISSED APPROACH:
Climb straight ahead.
At 3.7 DME RJK turn RIGHT climbing on track 235°. Cross QDM 336° BRZ and turn RIGHT to intercept QDM 343° BRZ to BRZ NDB climbing to 7000ft and hold.
MAX IAS 185kt during turns.
Do not overshoot 9.8 DME RJK during turns.

OCA (H)	A	B	C	D
Straight-in approach	820 (560)			
Circling	820 (550)	Circling for ACFT CAT A, SW of the aerodrome not allowed. Circling for ACFT CAT B, C and D not allowed.		

FAF to MAPt - 8.4 NM
Timing not authorized for defining the MAPt

GS (kt)	70	100	120	140	160	180
min : sec	7:12	5:02	4:12	3:36	3:09	2:48
Rate of descent (ft / min)	369	527	632	737	843	948

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

VOR RWY 14

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
VOR RWY 14			
Final approach descent angle: 2.98°			
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (BRZ NDB)	452525.14N 0142043.44E	-	-
SDF intermediate (BRZ NDB)	452525.14N 0142043.44E	-	-
FAF	451955.6N 0142626.9E	140.44° (RJK VOR)	8.40 DME RJK
SDF	451632.0N 0143025.0E	140.44° (RJK VOR)	4.00 DME RJK
MAPt (RJK VOR/DME)	451326.85N 0143401.06E	-	-

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

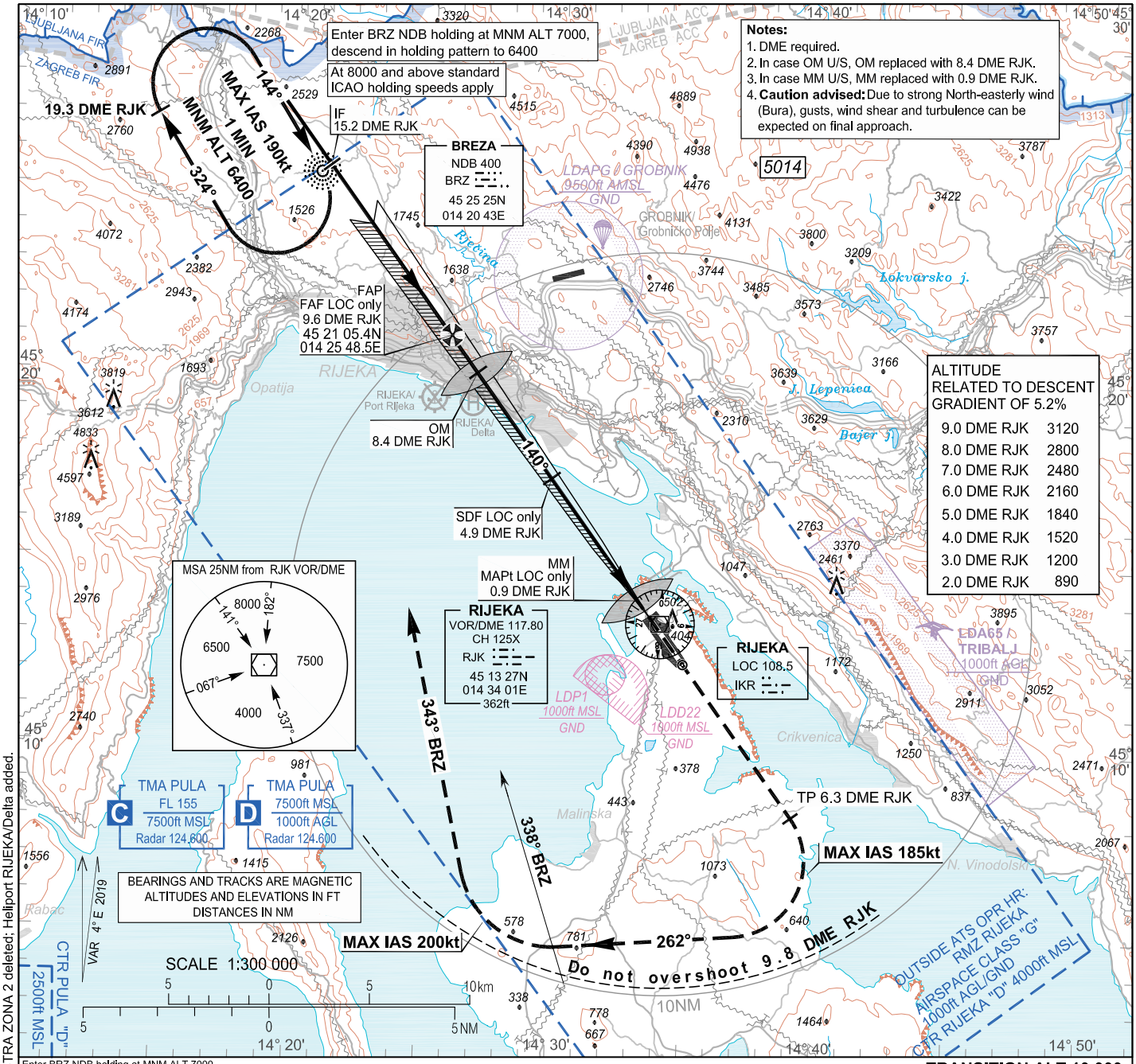
INSTRUMENT APPROACH CHART-ICAO

AD ELEV 278
HEIGHTS RELATED TO THR 14 ELEV 264

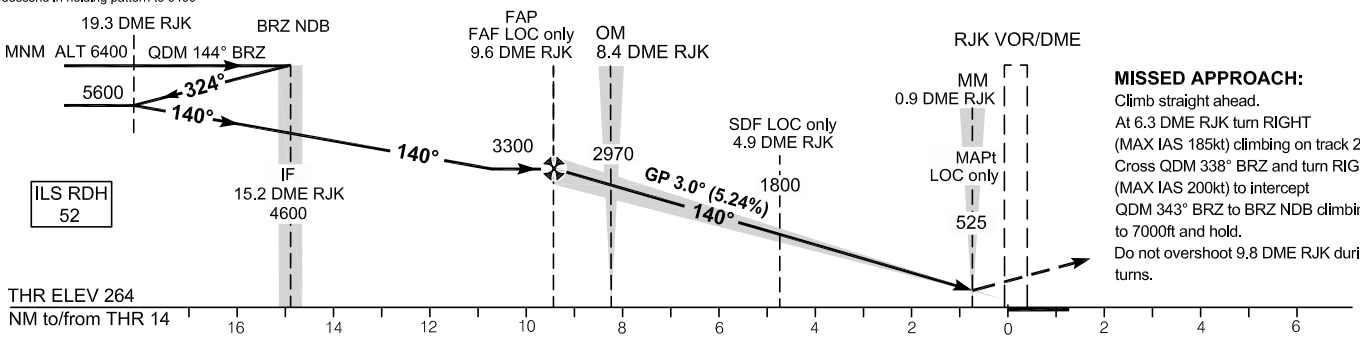
PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

RIJEKA / Krk I. (LDRI)

ILS y or LOC y RWY 14



TRANSITION ALT 10 000



MISSED APPROACH:
Climb straight ahead.
At 6.3 DME RJK turn RIGHT (MAX IAS 185kt) climbing on track 262°.
Cross QDM 338° BRZ and turn RIGHT (MAX IAS 200kt) to intercept QDM 343° BRZ to BRZ NDB climbing to 7000ft and hold.
Do not overshoot 9.8 DME RJK during turns.

OCA(H)		A	B	C	D
Straight-in Approach	ILS CAT I press. altim.	460 (196)	471 (207)	484 (220)	498 (234)
	LOC only	590 (330)			
Circling		800 (530)	Circling for ACFT CAT A, SW of the aerodrome not allowed. Circling for ACFT CAT B, C and D not allowed.		

LOC only: FAF to MAPt distance - 8.7 NM
Timing not authorized for defining the MAPt

GS (kt)	80	100	120	140	160	180
min:sec	6:33	5:14	4:22	3:44	3:16	2:55
Rate of descent (ft / min)	425	531	637	743	850	956

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

ILS y or LOC y RWY 14

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
ILS y or LOC y RWY 14			
LOC only - final approach descent angle: 3.0°			
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (BRZ NDB)	452525.14N 0142043.44E	-	-
IF	452536.5N 0142104.4E	143.68° (IKR LOC)	15.21 DME RJK
FAF LOC only	452105.4N 0142548.5E	143.68° (IKR LOC)	9.59 DME RJK
SDF LOC only	451717.9N 0142946.2E	143.68° (IKR LOC)	4.88 DME RJK
MAPt LOC only (MM 14)	451403.80N 0143308.47E	143.68° (IKR LOC)	0.87 DME RJK

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

INSTRUMENT APPROACH
CHART-ICAO

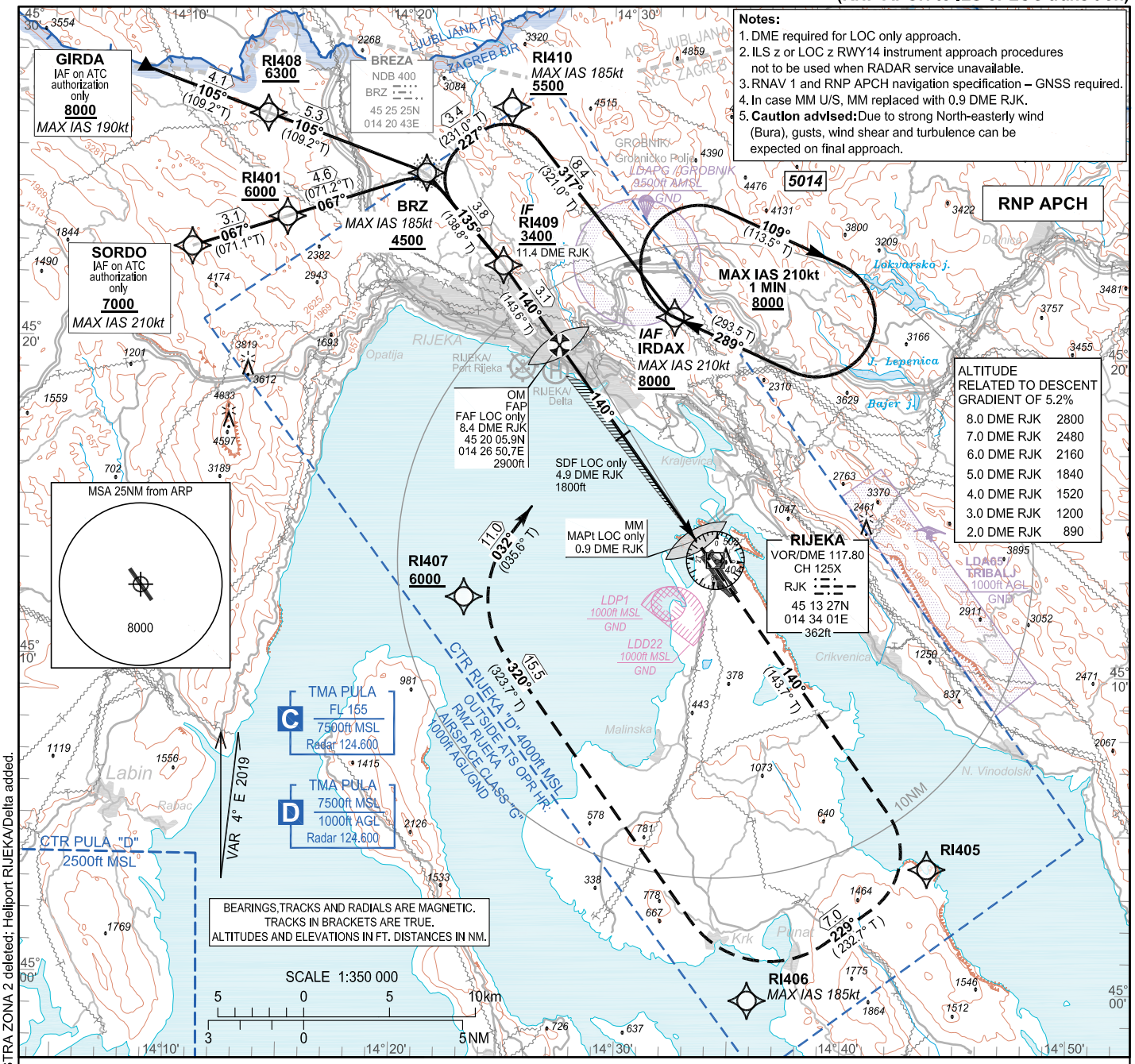
AD ELEV 278
HEIGHTS RELATED
TO THR 14 ELEV 264

PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

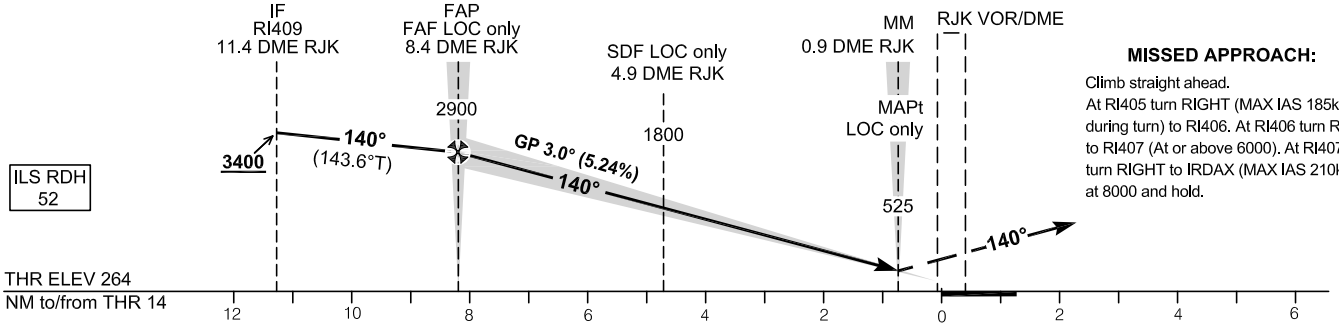
RIJEKA / Krk I. (LDRI)

ILS z or LOC z RWY 14
(RNP APCH to ILS or LOC transition)

Notes:
1. DME required for LOC only approach.
2. ILS z or LOC z RWY14 instrument approach procedures not to be used when RADAR service unavailable.
3. RNAV 1 and RNP APCH navigation specification – GNSS required.
4. In case MM U/S, MM replaced with 0.9 DME RJK.
5. **Caution advised:** Due to strong North-easterly wind (Bura), gusts, wind shear and turbulence can be expected on final approach.



TRANSITION ALT 10 000



MISSED APPROACH:
Climb straight ahead.
At RI405 turn RIGHT (MAX IAS 185kt during turn) to RI406. At RI406 turn RIGHT to RI407 (At or above 6000). At RI407 turn RIGHT to IRDAX (MAX IAS 210kt) at 8000 and hold.

OCA(H)		A	B	C	D
Straight-in Approach	ILS CAT I press. altim.	460 (196)	471 (207)	484 (220)	498 (234)
	LOC only	590 (330)			
Circling		800 (530)	Circling for ACFT CAT A, SW of the aerodrome not allowed. Circling for ACFT CAT B, C and D not allowed.		

LOC only: FAF to MAPt distance - 7.5 NM
Timing not authorized for defining the MAPt

GS (kt)	80	100	120	140	160	180
min:sec	5:37	4:30	3:45	3:13	2:49	2:30
Rate of descent (ft / min)	425	531	637	743	850	956

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

ILS z or LOC z RWY 14
(RNP APCH to ILS or LOC transition)

ILS z or LOC z RWY14

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	SORDO	-	-	4°E	-	-	+7000	-210	-	IAF on ATC autorization only	RNP APCH
020	-	TF	RI401	-	067° (071.1° T)	4°E	3.1	-	+6000	-	-	-	
030	-	TF	BRZ	-	067° (071.2° T)	4°E	4.6	-	+4500	-185	-	-	
040	IF	TF	RI409	-	135° (138.8° T)	4°E	3.8	-	+3400	-	-	-	
010	IAF	IF	GIRDA	-	-	4°E	-	-	+8000	-190	-	IAF on ATC autorization only	RNP APCH
020	-	TF	RI408	-	105° (109.2° T)	4°E	4.1	-	+6300	-	-	-	
030	-	TF	BRZ	-	105° (109.2° T)	4°E	5.3	-	+4500	-185	-	-	
040	IF	TF	RI409	-	135° (138.8° T)	4°E	3.8	-	+3400	-	-		
010	IAF	IF	IRDAX	-	-	4°E	-	-	+8000	-210	-	-	RNP APCH
020	-	TF	RI410	-	317° (321.0° T)	4°E	8.4	-	+5500	-185	-	-	
030	-	TF	BRZ	-	227° (231.0 T)	4°E	3.4	L	+4500	-	-	-	
040	IF	TF	RI409	-	135° (138.8° T)	4°E	3.8	L	+3400	-	-	-	

AERONAUTICAL DATABASE REQUIREMENTS

Conventional procedure essential fixes/points

ILS z or LOC z RWY 14

LOC only - final approach descent angle: 2.99°

Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IF (RI409)	45 22 34.4N 014 24 15.3E	-	-
FAF LOC only	45 20 05.9N 014 26 50.7E	143.68° (IKR LOC)	8.36 DME RJK
SDF LOC only	45 17 17.9N 014 29 46.2E	143.68° (IKR LOC)	4.88 DME RJK
MAPt LOC only (MM 14)	45 14 03.80N 014 33 08.47E	143.68° (IKR LOC)	0.87 DME RJK

ILS z or LOC z RWY14

Proposed tabular description for navigation database coding - FINAL TRANSITION (MISSED APPROACH)

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	-	IF	RI405	-	140° (143.7° T)	4°E	-	-	-	-	-	-	RNP APCH
020	-	TF	RI406	-	229° (232.7° T)	4°E	7.0	R	-	-185	-		
030	-	TF	RI407	-	320° (323.7° T)	4°E	15.5	R	+6000	-	-	-	
040	MAHF	TF	IRDAX	-	032° (035.6° T)	4°E	11.0	-	8000	-210	-	-	
050	MAHF	HM	IRDAX	-	289° (293.5° T)	4°E	1MIN	R	8000	-210	-	Holding above 8000ft on ATC clearance only	RNAV 1

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

RNAV HOLDING tabular description

Waypoint name	Path Term-inator	Inbound course °M (°T)	Leg time/ distance NM	Turn direction	Minimum altitude FT	Maximum altitude FT	Speed limit MAX IAS (kt)	Magnetic Variation	Remarks	NAV SPEC
IRDAX	HM	289° (293.5° T)	1MIN / -	R	8000	-	210	4°E	-	RNAV 1

Waypoint Coordinates

Waypoint Name	WGS-84 Latitude	WGS-84 Longitude
GIRDA	452832N	0140802E
IRDAX	452103.8N	0143157.0E
SORDO	452255.7N	0141021.7E
BRZ	452525.14N	0142043.44E
RI401	452356.5N	0141434.0E
RI405	450351.7N	0144342.9E
RI406	445937.0N	0143552.0E
RI407	451207.2N	0142251.9E
RI408	452710.5N	0141335.3E
RI409	452234.4N	0142415.3E
RI410	452733.4N	0142428.0E

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

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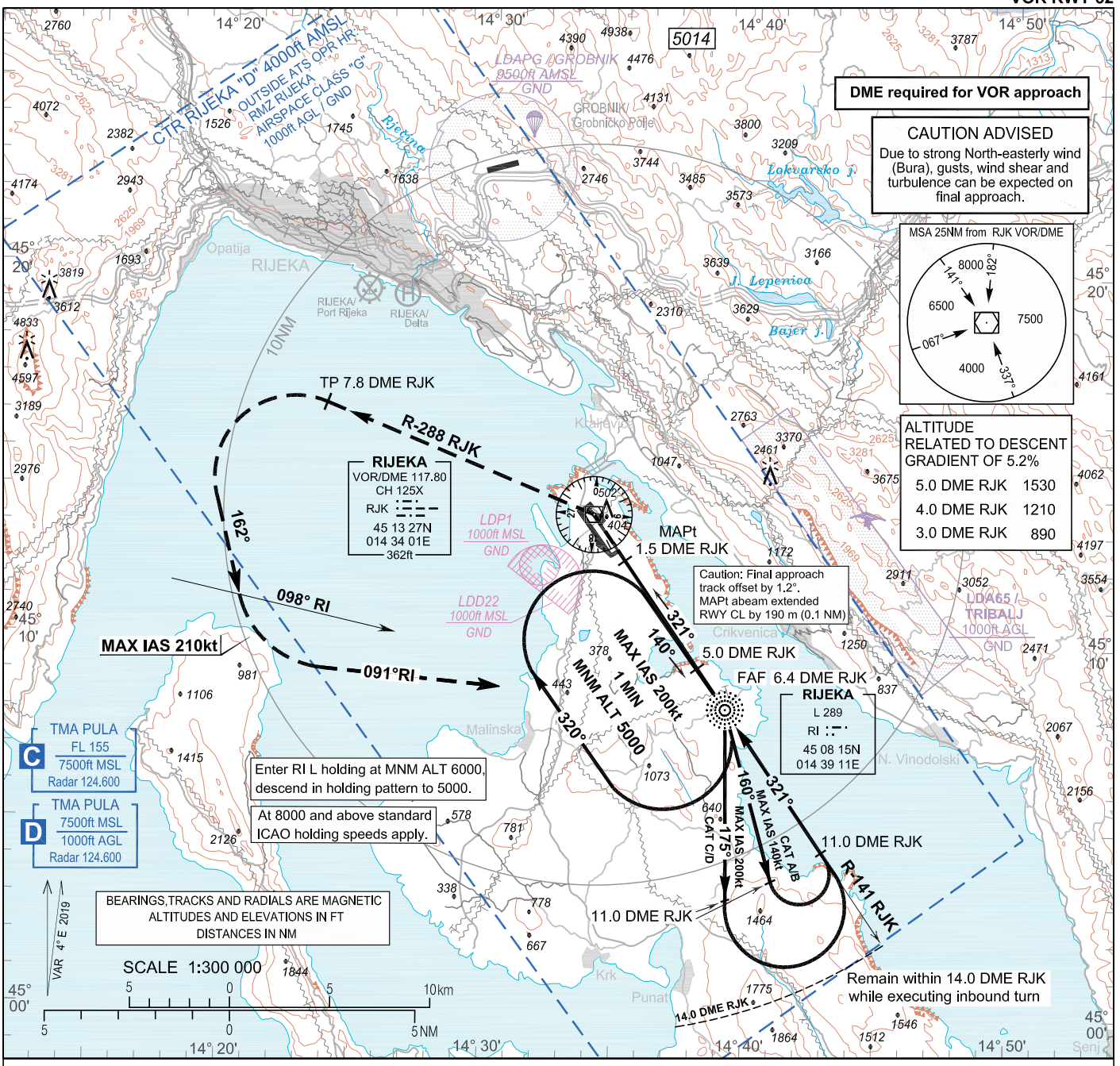
INSTRUMENT APPROACH
CHART-ICAO

AD ELEV 278
HEIGHTS RELATED
TO THR 32 ELEV 246

PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

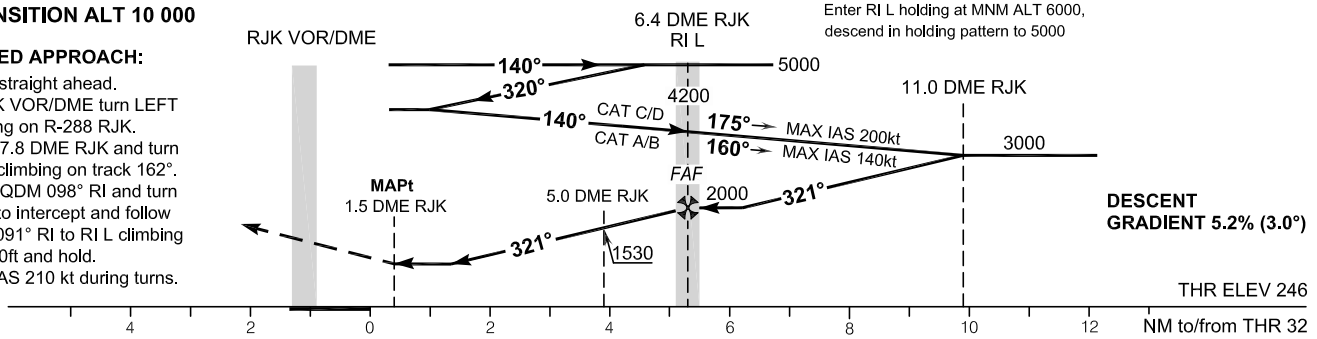
RIJEKA / Krk I. (LDRI)

VOR RWY 32



TRANSITION ALT 10 000

MISSED APPROACH:
Climb straight ahead.
At RJK VOR/DME turn LEFT climbing on R-288 RJK.
Cross 7.8 DME RJK and turn LEFT climbing on track 162°.
Cross QDM 098° RI and turn LEFT to intercept and follow QDM 091° RI to RI L climbing to 6000ft and hold.
MAX IAS 210 kt during turns.



OCA (H)	A	B	C	D
Straight-in approach	820 (580)			
Circling	820 (550)	Circling for ACFT CAT A, SW of the aerodrome not allowed. Circling for ACFT CAT B, C and D not allowed.		

FAF to MAPt - 4.9 NM
TIMING NOT AUTHORIZED FOR DEFINING THE MAPt

GS (kt)	70	100	120	140	160	180
min : sec	4:12	2:56	2:27	2:06	1:50	1:38
Rate of descent (ft / min)	369	527	632	737	843	948

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

VOR RWY 32

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
VOR RWY 32			
Final approach descent angle: (1) 3.00°			
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (RI L)	450815.04N 0143910.56E	-	-
SDF intermediate	450426.6N 0144256.6E	325.01° (RJK VOR)	11.00 DME RJK
FAF (RI L)	450815.04N 0143910.56E	325.01° (RJK VOR)	6.35 DME RJK
SDF	450921.4N 0143804.8E	325.01° (RJK VOR)	5.00 DME RJK
MAPt	451213.2N 0143514.3E	325.01° (RJK VOR)	1.50 DME RJK

(1) Descent point inside RI L cone (from RI L coordinate descent angle should read 3.08°).

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

INSTRUMENT APPROACH CHART-ICAO

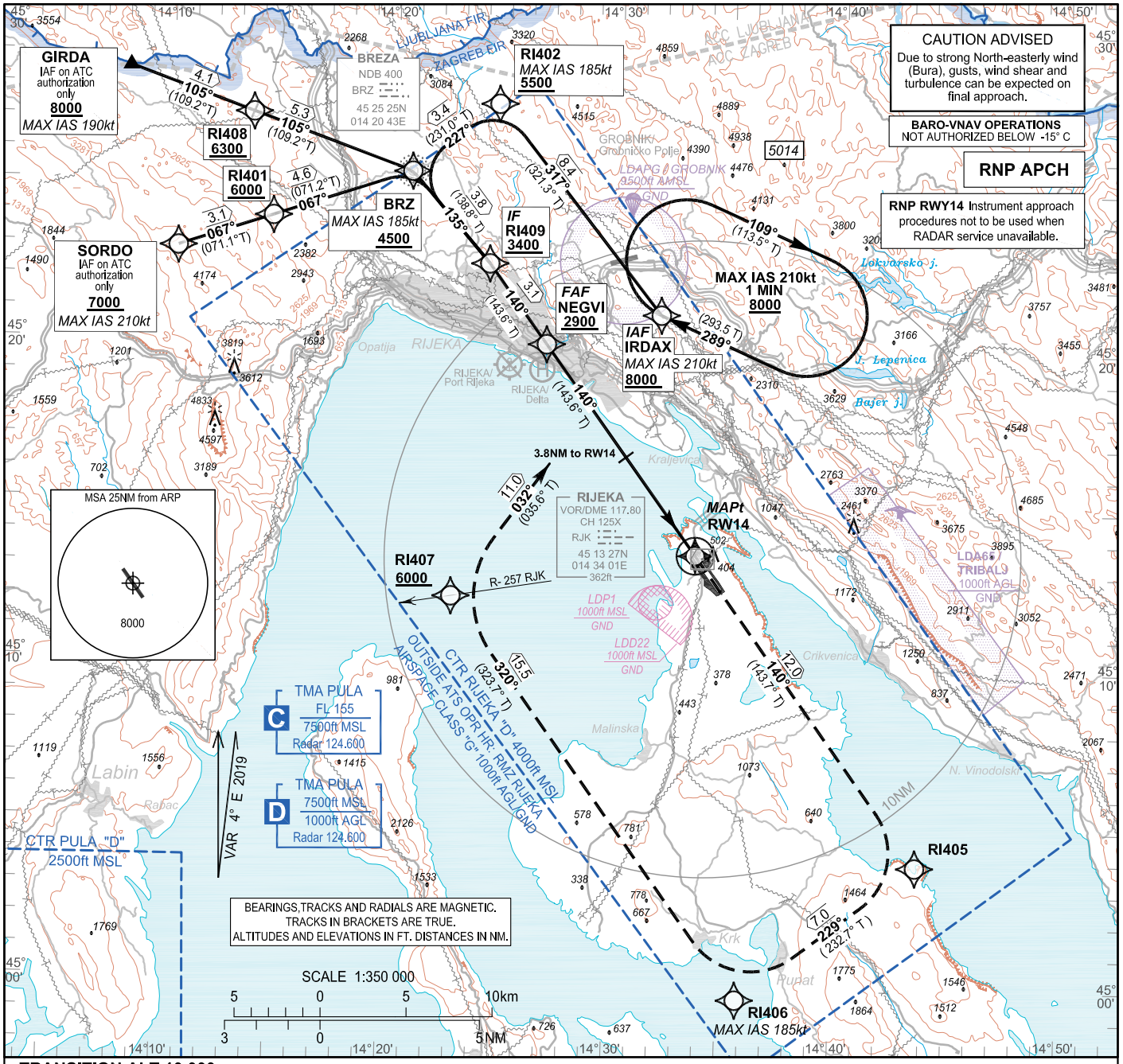
AD ELEV 278
HEIGHTS RELATED TO THR 14 ELEV 264

SBAS
CH: 42220
E14A

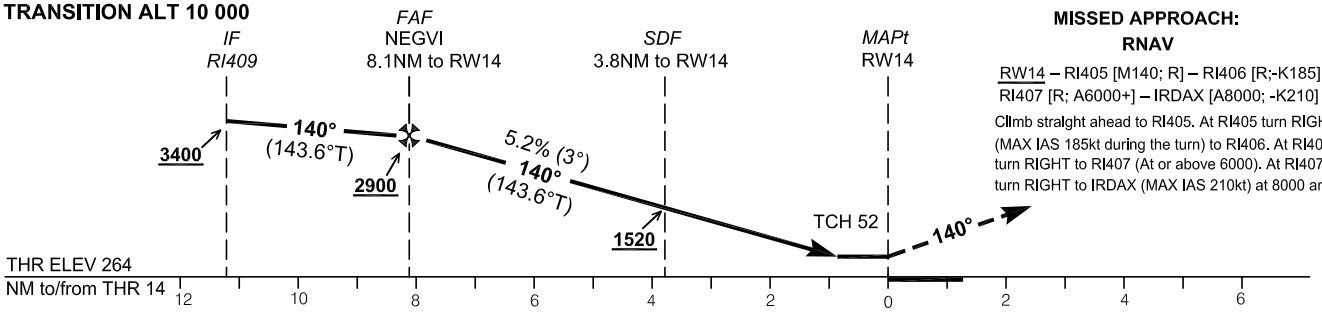
PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

RIJEKA / Krk I. (LDRI)

RNP RWY 14



TRANSITION ALT 10 000



MISSED APPROACH:
RNAV

RW14 – RI405 [M140; R] – RI406 [R;-K185] – RI407 [R; A6000+] – IRDAX [A8000; -K210]

Climb straight ahead to RI405. At RI405 turn RIGHT (MAX IAS 185kt during the turn) to RI406. At RI406 turn RIGHT to RI407 (At or above 6000). At RI407 turn RIGHT to IRDAX (MAX IAS 210kt) at 8000 and hold.

OCA(H)		A	B	C	D
Straight-in approach	LNAV	730 (466)			
	LNAV/VNAV	640 (376)	650 (386)	660 (396)	670 (406)
	LPV	640 (376)	650 (386)	660 (396)	670 (406)
Circling		820 (550)	Circling for ACFT CAT A, SW of the aerodrome not allowed. Circling for ACFT CAT B, C and D not allowed.		

Altitude related to descent gradient of 5.2%								
DIST THR / RW14	NM	7	6	5	4	3	2	1
Altitude	ft	2540	2220	1910	1590	1270	950	630

NEGVI TO RW14 DISTANCE 8.12NM						
GS (kt)	80	100	120	140	160	180
min:sec	6:05	4:52	4:04	3:29	3:03	2:42
Rate of descent (5.2%) (ft/min)	425	531	637	743	849	955
MAPt at RW14	TIMING NOT AUTHORIZED FOR DEFINING THE MAPt					

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

RNP RWY 14

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LDRI
Runway	14
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E14A
LTP/FTP Latitude	451332.3610N
LTP/FTP Longitude	0143341.1580E
LTP/FTP Ellipsoidal Height (metres)	124.9
FPAP Latitude	451227.4075N
Delta FPAP Latitude (seconds)	-64.9535
FPAP Longitude	0143448.7030E
Delta FPAP Longitude (seconds)	67.5450
Threshold Crossing Height	52.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 09 12 04 0C 0E 00 00 01 34 31 05 92 A3 68 13 4C C4 3F 06 E1 18 8D 04 FE B2 0F 02 08 02 2C 01 64 00 C8 FA 1E 38 B9 AC
Calculated CRC Value	1E38B9AC

Required Additional Data

ICAO Code	LD
LTP/FTP Orthometric Height (metres)	80.6

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

LDRI RNP RWY 14

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	SORDO	-	-	4°E	-	-	+7000	-210	-	IAF on ATC autorization only	RNP APCH
020	-	TF	RI401	-	067° (071.1° T)	4°E	3.1	-	+6000	-	-	-	
030	-	TF	BRZ	-	067° (071.2° T)	4°E	4.6	-	+4500	-185	-	-	
040	IF	TF	RI409	-	135° (138.8° T)	4°E	3.8	-	+3400	-	-	-	
010	IAF	IF	GIRDA	-	-	4°E	-	-	+8000	-190	-	IAF on ATC autorization only	RNP APCH
020	-	TF	RI408	-	105° (109.2° T)	4°E	4.1	-	+6300	-	-	-	
030	-	TF	BRZ	-	105° (109.2° T)	4°E	5.3	-	+4500	-185	-	-	
040	IF	TF	RI409	-	135° (138.8° T)	4°E	3.8	-	+3400	-	-	-	
010	IAF	IF	IRDAX	-	-	4°E	-	-	+8000	-210	-	-	RNP APCH
020	-	TF	RI402	-	317° (321.3° T)	4°E	8.4	-	+5500	-185	-	-	
030	-	TF	BRZ	-	227° (231.0 T)	4°E	3.4	L	+4500	-	-	-	
040	IF	TF	RI409	-	135° (138.8° T)	4°E	3.8	-	+3400	-	-	-	

Proposed tabular description for navigation database coding - FINAL TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IF	IF	RI409	-	-	4°E	-	-	+3400	-	-	-	RNP APCH
020	FAF	TF	NEGVI	-	140° (143.6° T)	4°E	3.1	-	+2900	-	-	-	
030	MAPt	TF	RW14	Y	140° (143.6° T)	4°E	8.1	-	-	-	3.0 / 52.0	-	
040	-	CF	RI405	-	140° (143.7° T)	4°E	12.0	-	-	-	-	-	
050	-	TF	RI406	-	229° (232.7° T)	4°E	7.0	R	-	-185	-	-	
060	-	TF	RI407	-	320° (323.7° T)	4°E	15.5	R	+6000	-	-	-	
070	MAHF	TF	IRDAX	-	032° (035.6° T)	4°E	11.0	-	8000	-210	-	-	
080	MAHF	HM	IRDAX	-	289° (293.5° T)	4°E	1MIN	R	8000	-210	-	Holding above 8000ft on ATC clearance only	RNAV 1

RNAV HOLDING tabular description

Waypoint name	Path Term-inator	Inbound course °M (°T)	Leg time/ distance NM	Turn direction	Minimum altitude ft	Maximum altitude ft	Speed limit MAX IAS (kt)	Magnetic Variation	Remarks	NAV SPEC
IRDAX	HM	289° (293.5° T)	1MIN / -	R	8000	-	210	4°E	-	RNAV 1

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

RNP RWY 14

Waypoint Coordinates		
Waypoint Name	WGS-84 Latitude	WGS-84 Longitude
GIRDA	452832N	0140802E
IRDAX	452103.8N	0143157.0E
NEGVI	452004.7N	0142652.0E
SORDO	452255.7N	0141021.7E
BRZ	452525.14N	0142043.44E
RW14	451332.36N	0143341.16E
RI401	452356.5N	0141434.0E
RI402	452735.4N	0142431.6E
RI405	450351.7N	0144342.9E
RI406	445937.0N	0143552.0E
RI407	451207.2N	0142251.9E
RI408	452710.5N	0141335.3E
RI409	452234.4N	0142415.3E

CHANGE: Glider activity zones LDAI1 / ISTRA ZONA 1 and LDAI2 / ISTRA ZONA 2 deleted; Heliport RIJEKA/Delta added.

INSTRUMENT APPROACH
CHART-ICAO

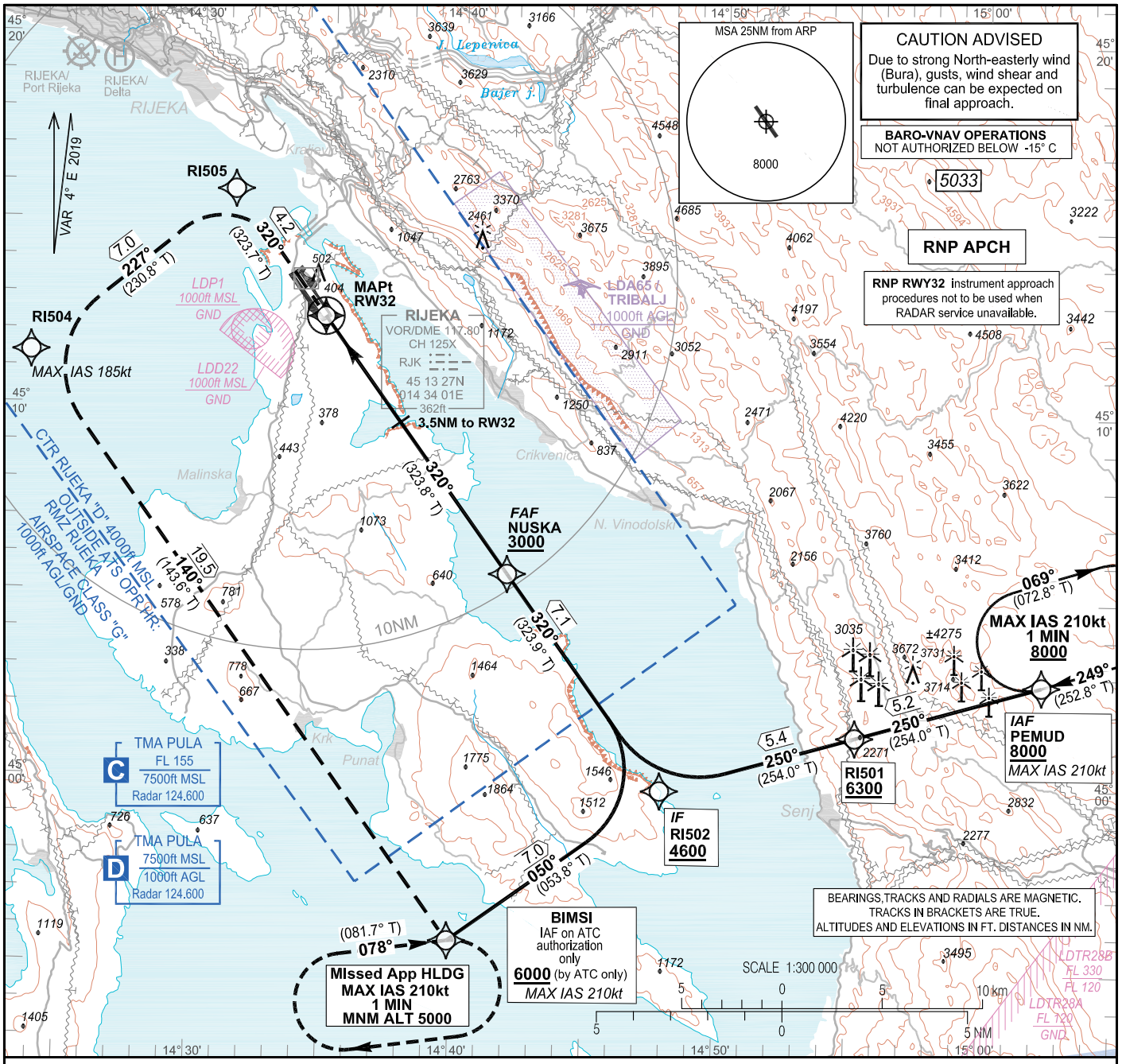
AD ELEV 278
HEIGHTS RELATED
TO THR 32 ELEV 246

SBAS
CH: 44289
E32A

PULA RADAR	127.675
	124.600
RIJEKA TOWER	119.000

RIJEKA / Krk I. (LDRI)

RNP RWY 32

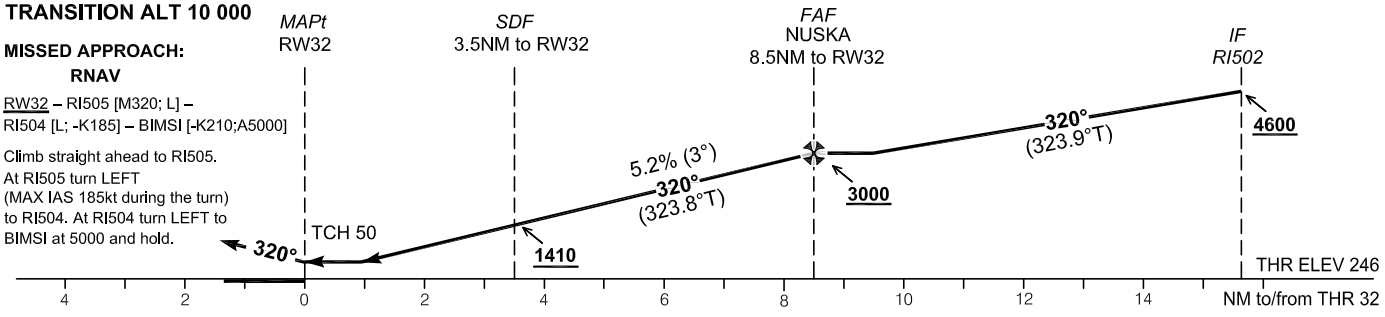


TRANSITION ALT 10 000

MISSED APPROACH:
RNAV

RW32 – RI505 [M320; L] – RI504 [L; -K185] – BIMSI [-K210;A5000]

Climb straight ahead to RI505.
At RI505 turn LEFT
(MAX IAS 185kt during the turn)
to RI504. At RI504 turn LEFT to
BIMSI at 5000 and hold.



OCA(H)		A	B	C	D
Straight-in approach	LNAV	680 (434)			
	LNAV/VNAV	640 (394)	650 (404)	660 (414)	670 (424)
	LPV	640 (394)	650 (404)	660 (414)	670 (424)
Circling		820 (550)	Circling for ACFT CAT A, SW of the aerodrome not allowed. Circling for ACFT CAT B, C and D not allowed.		

Altitude related to descent gradient of 5.2%									
DIST THR / RW14	NM	8	7	6	5	4	3	2	1
Altitude	ft	2840	2520	2210	1890	1570	1250	930	610

NUSKA TO RW32 DISTANCE 8.49NM						
GS (kt)	80	100	120	140	160	180
min:sec	6:22	5:06	4:15	3:38	3:11	2:50
Rate of descent (5.2%) (ft/min)	425	531	637	743	849	955
MAPt at RW32	TIMING NOT AUTHORIZED FOR DEFINING THE MAPt					

CHANGE: Heliport RIJEKA/Delta added.

RIJEKA / Krk I. (LDRI)

RNP RWY 32

Input data

Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LDRI
Runway	32
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E32A
LTP/FTP Latitude	451227.4075N
LTP/FTP Longitude	0143448.7030E
LTP/FTP Ellipsoidal Height (metres)	119.1
FPAP Latitude	451332.3610N
Delta FPAP Latitude (seconds)	64.9535
FPAP Longitude	0143341.1580E
Delta FPAP Longitude (seconds)	-67.5450
Threshold Crossing Height	50.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output data

Data Block	10 09 12 04 0C 20 00 00 01 32 33 05 1F A8 66 13 FE D3 41 06 A7 18 73 FB 01 4E F0 FD F4 01 2C 01 64 00 C8 FA 17 74 39 4A
Calculated CRC Value	1774394A

Required Additional Data

ICAO Code	LD
LTP/FTP Orthometric Height (metres)	75.0

CHANGE: Heliport RIJEKA/Delta added.

LDRI RNP RWY 32

Proposed tabular description for navigation database coding - APPROACH TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IAF	IF	PEMUD	-	-	4°E	-	-	+8000	-210	-	-	RNP APCH
020	-	TF	RI501	-	250° (254.0° T)	4°E	5.2	-	+6300	-	-	-	
030	IF	TF	RI502	-	250° (254.0° T)	4°E	5.4	-	+4600	-	-	-	
010	IAF	IF	BIMSI	-	-	4°E	-	-	+5000	-210	-	IAF on ATC autorization only	RNP APCH
020	IF	TF	RI502	-	050° (053.8°T)	4°E	7.0	-	+4600	-	-	-	

Proposed tabular description for navigation database coding - FINAL TRANSITION

Serial Number	Fix	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	VPA/TCH (°/ft)	Remarks	NAV SPEC
010	IF	IF	RI502	-	-	4°E	-	-	+4600	-	-	-	RNP APCH
020	FAF	TF	NUSKA	-	320° (323.9° T)	4°E	7.1	-	+3000	-	-	-	
030	MAPt	TF	RW32	Y	320° (323.8° T)	4°E	8.5	-	-	-	3.0 / 50.0	-	
040	-	CF	RI505	-	320° (323.7° T)	4°E	4.2	-	-	-	-	-	
050	-	TF	RI504	-	227° (230.8° T)	4°E	7.0	L	-	-185	-	-	
060	MAHF	TF	BIMSI	-	140° (143.6° T)	4°E	19.5	L	5000	-210	-	-	
070	MAHF	HM	BIMSI	-	078° (081.7° T)	4°E	1MIN	R	5000	-210	-	Holding above 5000ft on ATC clearance only	RNAV 1

RNAV HOLDING tabular description

Waypoint name	Path Term-inator	Inbound course °M (°T)	Leg time/ distance NM	Turn direction	Minimum altitude ft	Maximum altitude ft	Speed limit MAX IAS (kt)	Magnetic variation	Remarks	NAV SPEC
PEMUD	HM	249° (252.8° T)	1MIN / -	R	8000	-	210	4°E	-	RNAV 1
BIMSI	HM	078° (081.7° T)	1MIN / -	R	5000	-	210	4°E	-	RNAV 1

Waypoint Coordinates

Waypoint Name	WGS-84 Latitude	WGS-84 Longitude
BIMSI	445542.4N	0143954.3E
NUSKA	450536.6N	0144154.7E
PEMUD	450247.1N	0150218.3E
RW32	451227.41N	0143448.70E
RI501	450120.9N	0145514.1E
RI502	445950.4N	0144751.7E
RI504	451124.1N	0142337.0E
RI505	451550.4N	0143117.4E

CHANGE: Heliport RIJEKA/Delta added.

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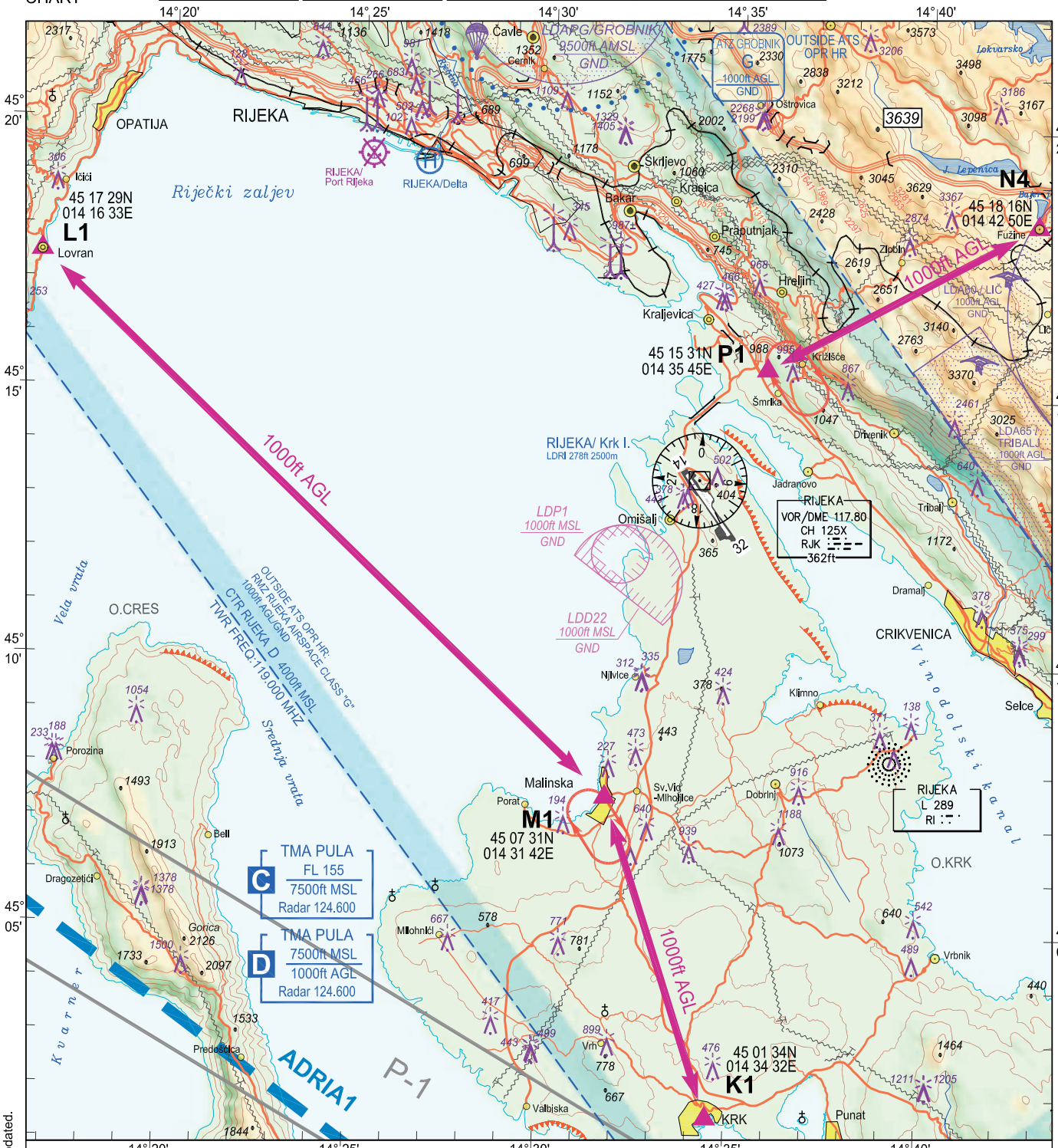
VISUAL OPERATION CHART

ARP	AD ELEV 278				
45°13'01"N 014°34'13"E		PULA RADAR	127.675 124.600	RIJEKA TOWER RIJEKA RADIO	119.000 119.000

RIJEKA / Krk I. (LDRI)



Reporting Point	Definition
K1	Town Krk
L1	Town Lovran
M1	Town Malinska
N4	Town Fužine
P1	Near village Šmrika

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

ALTITUDES AND ELEVATIONS IN FT

VAR 4° E 2019

SCALE 1:200 000

2 0 5 km
1 0 3 NM

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

LEGEND

- Holding fix with WGS-84 coordinates — M1 45 07 31N 014 31 42E
- Significant VFR point — L1
- Recommended VFR route — ADRIA1
- Mandatory (arrival - departure) VFR route

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

CHANGE: Heliport RIJEKA/Delta added; Obstacles updated.

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LDSB AD 2

LDSB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LDSB - AERODROME BRAČ / Brač I.

LDSB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

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

LDSB AD 2.3 OPERATIONAL HOURS

1	AD Operator	0700 - 1300 UTC During Winter season. 0600 - 1400 UTC during Summer season.
2	Customs and immigration	AS AD HR SER
3	Health and sanitation	AS AD HR SER
4	AIS Briefing Office	As ATS - Selfbriefing
5	ATS Reporting Office (ARO)	H24 - Central ARO Split; Phone: +385 21 205-444, Fax: +385 21 895-227
6	MET Briefing Office	As ATS or upon NOTAM or AIP SUP
7	ATS	Upon NOTAM or AIP SUP
8	Fuelling	AS AD HR SER
9	Handling	AS AD HR SER
10	Security	Police H24
11	De-icing	Nil
12	Remarks	REF AD 2.22

LDSB AD 2.4 HANDLING SERVICES AND FACILITIES

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

LDSB AD 2.5 PASSENGER FACILITIES

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