

REPUBLIKA HRVATSKA

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Hrvatska kontrola zračne plovidbe
d.o.o.
Služba zrakoplovnog informiranja
(AIM/AIS)
Rudolfa Fizira 2
10410 Velika Gorica, p.p. 103
Hrvatska

AIRAC AIP AMDT 001/2024
Na snazi od: 22 FEB 2024
Datum izdavanja: 11 JAN 2024

1. Sadržaj izmjene:**GEN**

- **GEN 0.2** - Ažurirana je Evidencija izmjena AIP-A
- **GEN 0.3** - Ažurirana je Evidencija dopuna AIP-a
- **GEN 0.4** - Ažuriran je Kontrolni popis stranica AIP-a
- **GEN 0.5** - Ažuriran je popis ručnih izmjena AIP-a
- **GEN 3.4.1** - Komunikacijske usluge (Odgovorna služba) - urednička izmjena
- **GEN 3.5.3** - Meteorološka opažanja i izvješća - promjene u tablici (Sustav motrenja i položaj(i))

ENR

- **ENR 4.1** - Radionavigacijska sredstva - na ruti - izmijenjena je FRA upotreba za CRE NDB i PUL VOR/DME
- **ENR 4.4** - Nove točke BURQE, ETVIM, HEPOZ, KOHOD, LEZZA, MIJJA, PUQQI i TULOF; uredničke izmjene kod ruta i napomena
- **ENR 6** - Nova karta:
 - Free route airspace - SECSI FRA - Index Chart (ENR 6.11 - 1/2)

AD

- **LDLO AD 2.10, 2.24 i 2.25** - dodane su nove prepreke; dodane su nove karte; dodana je nova tablica Prodiranje u površinu vizualnog segmenta (VSS)
- **LDLO AD** - Nove karte:
 - Standard Departure Chart - Instrument - ICAO RWY 02 (LDLO AD 2.24.8 SID RWY 02 -1/2)
 - Standard Departure Chart - Instrument - ICAO RNAV RWY 02 CAT A & B (LDLO AD 2.24.8 SID RNAV RWY 02 CAT A & B -1/2) - Prvo izdanje
 - Standard Departure Chart - Instrument - ICAO RWY 20 (LDLO AD 2.24.8 SID RWY 20 -1/2)
 - Standard Departure Chart - Instrument - ICAO RNAV RWY 20 CAT A & B (LDLO AD 2.24.8 SID RNAV RWY 20 CAT A & B -1/2) - Prvo izdanje
 - Standard Arrival Chart - Instrument - ICAO RWY 02/20 (LDLO AD 2.24.10 STAR RWY 02/20 -1/2)
 - Standard Arrival Chart - Instrument - ICAO RNAV RWY 02 CAT A & B (LDLO AD 2.24.10 STAR RNAV RWY 02 CAT A & B -1/2) - Prvo izdanje
 - Standard Arrival Chart - Instrument - ICAO RNAV RWY 20 CAT A & B (LDLO AD 2.24.10 STAR RNAV RWY 20 CAT A & B -1/2) - Prvo izdanje
 - Instrument Approach Chart - ICAO NDB-a RWY 02/20 CAT A&B (LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A&B -1/2)
 - Instrument Approach Chart - ICAO VOR RWY 02 CAT A&B (LDLO AD 2.24.12 IAC VOR RWY 02 CAT A&B -1/2)
 - Instrument Approach Chart - ICAO RNP RWY 02 (LDLO AD 2.24.12 IAC RNP RWY 02 -1/4) - Prvo izdanje
 - Instrument Approach Chart - ICAO RNP RWY 20 (LPV & LNAV/VNAV only) (LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) -1/4) - Prvo izdanje
- **LDOS AD 2.3 i 2.24** - dodane su primjedbe uz radna vremena; dodane su nove karte
- **LDOS AD** - Nove karte:
 - Standard Arrival Chart - Instrument - ICAO RNAV RWY 29 (LDOS AD 2.24.10 STAR RNAV RWY 29 -1/2) - Prvo

izdanje

- Instrument Approach Chart - ICAO RNP-a RWY 29 (LDOS AD 2.24.12 IAC RNP-a RWY 29 -1/2) - Prvo izdanje

2. Ručne ispravke su na sljedećim stranicama:

- Vidi GEN 0.5

3. Upišite AMDT u GEN 0.2

4. Ovaj AIP AMDT uključuje informacije sadržane u sljedećim NOTAM-ima i publikacijama:

NOTAM: NIL

SUP: NIL

AIC: NIL

5. Umetnite / izvadite stranice kao što je prikazano u popisu na sljedećoj stranici:

Umetnite sljedeće stranice:

GEN 0.2 - 3/4 02 DEC 2021 / 22 FEB 2024
GEN 0.3 - 1/2 22 FEB 2024 / 01 FEB 2018
GEN 0.4 - 1/2 22 FEB 2024 / 22 FEB 2024
GEN 0.4 - 3/4 22 FEB 2024 / 22 FEB 2024
GEN 0.4 - 5/6 22 FEB 2024 / 22 FEB 2024
GEN 0.4 - 7/8 22 FEB 2024 / 22 FEB 2024
GEN 0.5 - 3/4 25 JAN 2024 / 22 FEB 2024
GEN 3.4 - 1/2 22 FEB 2024 / 25 JAN 2024
GEN 3.5 - 3/4 22 FEB 2024 / 22 FEB 2024
ENR 4.1 - 1/2 22 FEB 2024 / 22 FEB 2024
ENR 4.4 - 1/2 22 FEB 2024 / 22 FEB 2024
ENR 4.4 - 3/4 22 FEB 2024 / 22 FEB 2024
ENR 4.4 - 5/6 22 FEB 2024 / 22 FEB 2024
ENR 4.4 - 7/8 22 FEB 2024 / 22 FEB 2024
ENR 4.4 - 9/10 22 FEB 2024 / 22 FEB 2024
ENR 6.11 - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2 - 3/4 30 NOV 2023 / 22 FEB 2024
LDLO AD 2 - 5/6 22 FEB 2024 / 22 FEB 2024
LDLO AD 2 - 7/8 22 FEB 2024 / 22 FEB 2024
LDLO AD 2 - 9/10 22 FEB 2024 / 22 FEB 2024
LDLO AD 2 - 11/12 22 FEB 2024 / 22 FEB 2024
LDLO AD 2 - 13/14 22 FEB 2024 / 22 FEB 2024
LDLO AD 2 - 15/16 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.8 SID RWY02 - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.8 SID RNAV RWY02 CAT A & B - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.8 SID RWY20 - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.8 SID RNAV RWY20 CAT A & B - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.10 STAR RWY 02/20 - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.10 STAR RNAV RWY02 CAT A & B - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.10 STAR RNAV RWY20 CAT A & B - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A & B - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.12 IAC VOR RWY 02 CAT A & B - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.12 IAC RNP RWY 02 - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.12 IAC RNP RWY 02 - 3/4 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 1/2 22 FEB 2024 / 22 FEB 2024
LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 3/4 22 FEB 2024 / 22 FEB 2024
LDOS AD 2 - 1/2 30 NOV 2023 / 22 FEB 2024
LDOS AD 2 - 3/4 22 FEB 2024 / 30 NOV 2023
LDOS AD 2 - 13/14 20 APR 2023 / 22 FEB 2024
LDOS AD 2.24.10 STAR RNAV RWY29 - 1/2 22 FEB 2024 / 22 FEB 2024
LDOS AD 2.24.12 IAC RNP-a RWY29 - 1/2 22 FEB 2024 / 22 FEB 2024

Izvadite sljedeće stranice:

GEN 0.2 - 3/4 02 DEC 2021 / 25 JAN 2024
GEN 0.3 - 1/2 25 JAN 2024 / 01 FEB 2018
GEN 0.4 - 1/2 25 JAN 2024 / 25 JAN 2024
GEN 0.4 - 3/4 25 JAN 2024 / 25 JAN 2024
GEN 0.4 - 5/6 25 JAN 2024 / 25 JAN 2024
GEN 0.4 - 7/8 25 JAN 2024 / 25 JAN 2024
GEN 0.5 - 3/4 25 JAN 2024 / 25 JAN 2024
GEN 3.4 - 1/2 23 MAR 2023 / 25 JAN 2024
GEN 3.5 - 3/4 02 NOV 2023 / 25 JAN 2024
ENR 4.1 - 1/2 07 SEP 2023 / 07 SEP 2023
ENR 4.4 - 1/2 25 JAN 2024 / 25 JAN 2024
ENR 4.4 - 3/4 25 JAN 2024 / 25 JAN 2024
ENR 4.4 - 5/6 25 JAN 2024 / 25 JAN 2024
ENR 4.4 - 7/8 25 JAN 2024 / 25 JAN 2024
ENR 4.4 - 9/10 25 JAN 2024 / 25 JAN 2024
ENR 6.11 - 1/2 13 JUL 2023 / 13 JUL 2023
LDLO AD 2 - 3/4 30 NOV 2023 / 30 NOV 2023
LDLO AD 2 - 5/6 30 NOV 2023 / 28 DEC 2023
LDLO AD 2 - 7/8 13 JUL 2023 / 13 JUL 2023
LDLO AD 2 - 9/10 28 DEC 2023 / 02 NOV 2023
LDLO AD 2 - 11/12 02 NOV 2023 / 13 JUL 2023
LDLO AD 2 - 13/14 13 JUL 2023 / 13 JUL 2023
LDLO AD 2 - 15/16 30 NOV 2023 / 13 JUL 2023
LDLO AD 2.24.8 SID RWY02 - 1/2 24 FEB 2022 / 24 FEB 2022
NIL
LDLO AD 2.24.8 SID RWY20 - 1/2 24 FEB 2022 / 24 FEB 2022
NIL
LDLO AD 2.24.10 STAR RWY 02/20 - 1/2 - 1/2 24 FEB 2022 / 24 FEB 2022
NIL
NIL
LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A & B - 1/2 17 JUN 2021 / 17 JUN 2021
LDLO AD 2.24.12 IAC VOR RWY 02 CAT A & B - 1/2 17 JUN 2021 / 17 JUN 2021
NIL
NIL
NIL
NIL
LDOS AD 2 - 1/2 30 NOV 2023 / 30 NOV 2023
LDOS AD 2 - 3/4 30 NOV 2023 / 30 NOV 2023
LDOS AD 2 - 13/14 20 APR 2023 / 30 NOV 2023
NIL
NIL

AIRAC AIP IZMJENA			
<i>Broj/Godina</i>	<i>Datum izdavanja</i>	<i>Datum stupanja na snagu</i>	<i>Izmjenu unio</i>
009/2018	30-Aug-2018	11-Oct-2018	
010/2018	27-Sep-2018	08-Nov-2018	
011/2018	25-Oct-2018	06-Dec-2018	
012/2018	22-Nov-2018	03-Jan-2019	
013/2018	20-Dec-2018	31-Jan-2019	
001/2019	17-Jan-2019	28-Feb-2019	
002/2019	14-Feb-2019	28-Mar-2019	
003/2019	14-Mar-2019	25-Apr-2019	
004/2019	11-Apr-2019	23-May-2019	
005/2019	09-May-2019	20-Jun-2019	
006/2019	06-Jun-2019	18-Jul-2019	
007/2019	01-Aug-2019	12-Sep-2019	
008/2019	29-Aug-2019	10-Oct-2019	
009/2019	26-Sep-2019	07-Nov-2019	
010/2019	24-Oct-2019	05-Dec-2019	
011/2019	19-Dec-2019	30-Jan-2020	
001/2020	16-Jan-2020	27-Feb-2020	
002/2020	13-Feb-2020	26-Mar-2020	
003/2020	12-Mar-2020	23-Apr-2020	
004/2020	09-Apr-2020	21-May-2020	
005/2020	07-May-2020	18-Jun-2020	
006/2020	04-Jun-2020	16-Jul-2020	
007/2020	02-Jul-2020	13-Aug-2020	
008/2020	30-Jul-2020	10-Sep-2020	
009/2020	24-Sep-2020	05-Nov-2020	
010/2020	22-Oct-2020	03-Dec-2020	
011/2020	19-Nov-2020	31-Dec-2020	
012/2020	17-Dec-2020	28-Jan-2021	
001/2021	14-Jan-2021	25-Feb-2021	
002/2021	11-Feb-2021	25-Mar-2021	
003/2021	11-Mar-2021	22-Apr-2021	
004/2021	08-Apr-2021	20-May-2021	
005/2021	06-May-2021	17-Jun-2021	
006/2021	02-Jun-2021	15-Jul-2021	
007/2021	01-Jul-2021	12-Aug-2021	
008/2021	29-Jul-2021	09-Sep-2021	
009/2021	26-Aug-2021	07-Oct-2021	
010/2021	23-Sep-2021	04-Nov-2021	
011/2021	21-Oct-2021	02-Dec-2021	

AIRAC AIP IZMJENA			
Broj/Godina	Datum izdavanja	Datum stupanja na snagu	Izmjenu unio
012/2021	17-Nov-2021	30-Dec-2021	
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	

GEN 0.3 EVIDENCIJA DOPUNA AIP-A

Broj/ godina	Predmet	AIP odjeljak(ci) na koje se odnosi	Period valjanosti	Zapis o poništenju
008/2023	LDZD - Zračna luka ZADAR/Zemunik - Izgradnja infrastrukture meteorološkog sustava AWOS	LDZD AD 2	05-Oct-2023 - UFN	
010/2023	LDZA - Zračna luka ZAGREB/Franjo Tuđman - Najava radova na stazi za vožnju F	LDZA AD 2	21-Sep-2023 - UFN	
011/2023	LDOS -Zračna luka OSIJEK/Klisa - Najava radova na stajanci i uz staze za vožnju A i B	LDOS AD 2	21-Sep-2023 - UFN	
014/2023	LDZA - Zračna luka ZAGREB/Franjo Tuđman - Građevinski radovi na vojnom području	LDZA AD 2	16-Nov-2023 - UFN	
015/2023	TRA fleksibilne strukture (samo za vojne svrhe) uspostavljene po Ad-hoc postupku - donji zračni prostor FIR-a Zagreb	ENR 1 ENR 5	16-Nov-2023 - UFN	
016/2023	AD i ATS HR SER - LDLO/LDOS/LDPL/ LDRI/LDSB/LDZD	LDLO/LDOS/LDPL/ LDRI/LDSB/LDZD AD 2	14-Nov-2023 - 30-Mar-2023	
001/2024	LDZD - Zračna luka ZADAR/Zemunik - Obnova asfaltnog kolnika, izgradnja novog dijela glavne stajanke i proširenje putničkog terminala.	LDZD AD 2	11-Jan-2024 - UFN	

OVA STRANICA JE NAMJERNO OSTAVLJENA PRAZNA

Stranica	Datum	Stranica	Datum
GEN 0.4 KONTROLNI POPIS STRANICA AIP-A		GEN 1.6 - 1	23 MAR 2023
		GEN 1.6 - 2	15 JUL 2021
		GEN 1.7 - 1	23 MAR 2023
		GEN 1.7 - 2	20 APR 2023
		GEN 1.7 - 3	30 DEC 2021
		GEN 1.7 - 4	23 APR 2020
		GEN 1.7 - 5	25 FEB 2021
		GEN 1.7 - 6	25 FEB 2021
		GEN 1.7 - 7	25 FEB 2021
		GEN 1.7 - 8	25 FEB 2021
		GEN 1.7 - 9	25 FEB 2021
		GEN 1.7 - 10	20 MAY 2021
		GEN 1.7 - 11	20 MAY 2021
		GEN 1.7 - 12	25 FEB 2021
		GEN 1.7 - 13	25 FEB 2021
		GEN 1.7 - 14	25 FEB 2021
		GEN 1.7 - 15	07 OCT 2021
		GEN 1.7 - 16	07 OCT 2021
		GEN 1.7 - 17	29 DEC 2022
		GEN 1.7 - 18	25 FEB 2021
		GEN 1.7 - 19	20 APR 2023
		GEN 1.7 - 20	18 MAY 2023
		GEN 1.7 - 21	24 MAR 2022
		GEN 1.7 - 22	21 APR 2022
		GEN 2.1 - 1	23 MAR 2023
		GEN 2.1 - 2	21 APR 2022
		GEN 2.1 - 3	21 APR 2022
		GEN 2.1 - 4	23 MAR 2023
		GEN 2.2 - 1	23 MAR 2023
		GEN 2.2 - 2	03 DEC 2020
		GEN 2.2 - 3	10 SEP 2020
		GEN 2.2 - 4	24 FEB 2022
		GEN 2.2 - 5	22 APR 2021
		GEN 2.2 - 6	22 APR 2021
		GEN 2.2 - 7	22 APR 2021
		GEN 2.2 - 8	22 APR 2021
		GEN 2.2 - 9	12 AUG 2021
		GEN 2.2 - 10	12 AUG 2021
		GEN 2.2 - 11	12 AUG 2021
		GEN 2.2 - 12	12 AUG 2021
		GEN 2.2 - 13	12 AUG 2021
		GEN 2.2 - 14	19 JUL 2018
		GEN 2.3 - 1	23 MAR 2023
		GEN 2.3 - 2	01 FEB 2018
		GEN 2.3 - 3	01 FEB 2018
		GEN 2.3 - 4	01 FEB 2018
		GEN 2.3 - 5	01 FEB 2018
		GEN 2.3 - 6	01 FEB 2018
		GEN 2.3 - 7	01 FEB 2018
		GEN 2.3 - 8	04 NOV 2021
		GEN 2.3 - 9	01 FEB 2018
		GEN 2.3 - 10	01 FEB 2018
		GEN 2.3 - 11	01 FEB 2018
		GEN 2.3 - 12	01 FEB 2018
		GEN 2.4 - 1	02 NOV 2023
		GEN 2.4 - 2	26 JAN 2023
		GEN 2.5 - 1	02 NOV 2023
		GEN 2.5 - 2	02 NOV 2023
		GEN 2.6 - 1	13 SEP 2018
		GEN 2.6 - 2	08 MAR 2012
		GEN 2.6 - 3	08 MAR 2012
		GEN 2.6 - 4	08 MAR 2012
		GEN 2.7 - 1	23 FEB 2023
		GEN 2.7 - 2	23 FEB 2023
		GEN 2.7 - 3	23 FEB 2023
		GEN 2.7 - 4	23 FEB 2023
		GEN 2.7 - 5	23 FEB 2023
		GEN 2.7 - 6	23 FEB 2023
		GEN 2.7 - 7	23 FEB 2023
		GEN 2.7 - 8	23 FEB 2023
		GEN 2.7 - 9	23 FEB 2023
GEN 0.1 - 1	23 MAR 2023		
GEN 0.1 - 2	23 MAR 2023		
GEN 0.1 - 3	23 MAR 2023		
GEN 0.1 - 4	23 MAR 2023		
GEN 0.2 - 1	27 JAN 2022		
GEN 0.2 - 2	13 SEP 2018		
GEN 0.2 - 3	02 DEC 2021		
GEN 0.2 - 4	22 FEB 2024		
GEN 0.2 - 5	30 DEC 2021		
GEN 0.2 - 6	30 DEC 2021		
GEN 0.3 - 1	22 FEB 2024		
GEN 0.3 - 2	01 FEB 2018		
GEN 0.4 - 1	22 FEB 2024		
GEN 0.4 - 2	22 FEB 2024		
GEN 0.4 - 3	22 FEB 2024		
GEN 0.4 - 4	22 FEB 2024		
GEN 0.4 - 5	22 FEB 2024		
GEN 0.4 - 6	22 FEB 2024		
GEN 0.4 - 7	22 FEB 2024		
GEN 0.4 - 8	22 FEB 2024		
GEN 0.5 - 1	25 JAN 2024		
GEN 0.5 - 2	25 JAN 2024		
GEN 0.5 - 3	25 JAN 2024		
GEN 0.5 - 4	22 FEB 2024		
GEN 0.6 - 1	30 NOV 2023		
GEN 0.6 - 2	30 NOV 2023		
GEN 0.6 - 3	30 NOV 2023		
GEN 0.6 - 4	30 NOV 2023		
GEN 1.1 - 1	23 MAR 2023		
GEN 1.1 - 2	15 JUL 2021		
GEN 1.1 - 3	15 JUL 2021		
GEN 1.1 - 4	26 JAN 2023		
GEN 1.2 - 1	23 MAR 2023		
GEN 1.2 - 2	30 DEC 2021		
GEN 1.2 - 3	18 MAY 2023		
GEN 1.2 - 4	30 DEC 2021		
GEN 1.2 - 5	30 DEC 2021		
GEN 1.2 - 6	30 DEC 2021		
GEN 1.2 - 7	30 DEC 2021		
GEN 1.2 - 8	16 JUN 2022		
GEN 1.2 - 9	30 DEC 2021		
GEN 1.2 - 10	30 DEC 2021		
GEN 1.2 - 11	30 DEC 2021		
GEN 1.2 - 12	24 JUL 2014		
GEN 1.3 - 1	23 MAR 2023		
GEN 1.3 - 2	20 JUL 2017		
GEN 1.3 - 3	18 MAY 2023		
GEN 1.3 - 4	18 MAY 2023		
GEN 1.3 - 5	18 MAY 2023		
GEN 1.3 - 6	18 MAY 2023		
GEN 1.3 - 7	18 MAY 2023		
GEN 1.3 - 8	18 MAY 2023		
GEN 1.3 - 9	18 MAY 2023		
GEN 1.3 - 10	18 MAY 2023		
GEN 1.4 - 1	23 MAR 2023		
GEN 1.4 - 2	23 MAR 2023		
GEN 1.5 - 1	23 MAR 2023		
GEN 1.5 - 2	15 JUL 2021		
GEN 1.5 - 3	30 DEC 2021		
GEN 1.5 - 4	30 APR 2015		

AIRAC AIP AMPT 001/2024

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

Stranica	Datum	Stranica	Datum
ENR 4.4 - 2	22 FEB 2024	ENR 5.2 - 39	24 MAY 2018
ENR 4.4 - 3	22 FEB 2024	ENR 5.2 - 40	24 MAY 2018
ENR 4.4 - 4	22 FEB 2024	ENR 5.2 - 41	24 MAY 2018
ENR 4.4 - 5	22 FEB 2024	ENR 5.2 - 42	24 MAY 2018
ENR 4.4 - 6	22 FEB 2024	ENR 5.2 - 43	24 MAY 2018
ENR 4.4 - 7	22 FEB 2024	ENR 5.2 - 44	24 MAY 2018
ENR 4.4 - 8	22 FEB 2024	ENR 5.2 - 45	24 MAY 2018
ENR 4.4 - 9	22 FEB 2024	ENR 5.2 - 46	24 MAY 2018
ENR 4.4 - 10	22 FEB 2024	ENR 5.2 - 47	24 MAY 2018
ENR 4.5 - 1	07 SEP 2023	ENR 5.2 - 48	24 MAY 2018
ENR 4.5 - 2	08 MAR 2012	ENR 5.2 - 49	24 MAY 2018
ENR 5.1 - 1	07 SEP 2023	ENR 5.2 - 50	24 MAY 2018
ENR 5.1 - 2	18 MAY 2023	ENR 5.3 - 1	07 SEP 2023
ENR 5.1 - 3	01 MAR 2018	ENR 5.3 - 2	08 MAR 2012
ENR 5.1 - 4	01 MAR 2018	ENR 5.4 - 1	28 DEC 2023
ENR 5.1 - 5	01 MAR 2018	ENR 5.4 - 2	28 DEC 2023
ENR 5.1 - 6	01 MAR 2018	ENR 5.5 - 1	30 NOV 2023
ENR 5.1 - 7	01 MAR 2018	ENR 5.5 - 2	07 SEP 2023
ENR 5.1 - 8	01 MAR 2018	ENR 5.5 - 3	07 SEP 2023
ENR 5.1 - 9	01 MAR 2018	ENR 5.5 - 4	07 SEP 2023
ENR 5.1 - 10	01 MAR 2018	ENR 5.5 - 5	30 NOV 2023
ENR 5.1 - 11	01 MAR 2018	ENR 5.5 - 6	20 MAY 2021
ENR 5.1 - 12	01 MAR 2018	ENR 5.6 - 1	07 SEP 2023
ENR 5.1 - 13	01 MAR 2018	ENR 5.6 - 2	07 SEP 2023
ENR 5.1 - 14	01 MAR 2018	ENR 6 - 1	28 DEC 2023
ENR 5.1 - 15	01 MAR 2018	ENR 6 - 2	08 MAR 2012
ENR 5.1 - 16	01 MAR 2018	ENR 6.1 - 1	25 JAN 2024
ENR 5.1 - 17	01 MAR 2018	ENR 6.2 - 1	25 JAN 2024
ENR 5.1 - 18	01 MAR 2018	ENR 6.3 - 1	25 JAN 2024
ENR 5.1 - 19	01 MAR 2018	ENR 6.3 - 2	25 JAN 2024
ENR 5.1 - 20	01 MAR 2018	ENR 6.3 - 3	28 DEC 2023
ENR 5.1 - 21	01 MAR 2018	ENR 6.3 - 4	28 DEC 2023
ENR 5.1 - 22	01 MAR 2018	ENR 6.4 - 1	18 MAY 2023
ENR 5.2 - 1	07 SEP 2023	ENR 6.4 - 2	18 MAY 2023
ENR 5.2 - 2	07 SEP 2023	ENR 6.5 - 1	21 APR 2022
ENR 5.2 - 3	07 SEP 2023	ENR 6.5 - 2	21 APR 2022
ENR 5.2 - 4	24 MAY 2018	ENR 6.6 - 1	08 MAR 2012
ENR 5.2 - 5	24 MAY 2018	ENR 6.6 - 2	08 MAR 2012
ENR 5.2 - 6	24 MAY 2018	ENR 6.7 - 1	11 AUG 2022
ENR 5.2 - 7	24 MAY 2018	ENR 6.7 - 2	11 AUG 2022
ENR 5.2 - 8	24 MAY 2018	ENR 6.8 - 1	10 AUG 2023
ENR 5.2 - 9	01 MAR 2018	ENR 6.8 - 2	10 AUG 2023
ENR 5.2 - 10	01 MAR 2018	ENR 6.9 - 1	08 MAR 2012
ENR 5.2 - 11	01 MAR 2018	ENR 6.9 - 2	08 MAR 2012
ENR 5.2 - 12	01 MAR 2018	ENR 6.10 - 1	08 MAR 2012
ENR 5.2 - 13	30 DEC 2021	ENR 6.10 - 2	08 MAR 2012
ENR 5.2 - 14	24 FEB 2022	ENR 6.11 - 1	22 FEB 2024
ENR 5.2 - 15	30 DEC 2021	ENR 6.11 - 2	22 FEB 2024
ENR 5.2 - 16	24 MAY 2018	ENR 6.12 - 1	14 JUL 2022
ENR 5.2 - 17	24 MAY 2018	ENR 6.12 - 2	14 JUL 2022
ENR 5.2 - 18	24 MAY 2018	ENR 6.13 - 1	25 JAN 2024
ENR 5.2 - 19	24 MAY 2018	ENR 6.13 - 2	25 JAN 2024
ENR 5.2 - 20	24 MAY 2018	ENR 6.14 - 1	28 DEC 2023
ENR 5.2 - 21	24 MAY 2018	ENR 6.14 - 2	28 DEC 2023
ENR 5.2 - 22	24 MAY 2018	ENR 6.15 - 1	28 DEC 2023
ENR 5.2 - 23	24 MAY 2018	ENR 6.15 - 2	28 DEC 2023
ENR 5.2 - 24	24 MAY 2018		
ENR 5.2 - 25	24 MAY 2018		
ENR 5.2 - 26	24 MAY 2018		
ENR 5.2 - 27	24 MAY 2018		
ENR 5.2 - 28	24 MAY 2018		
ENR 5.2 - 29	24 MAY 2018		
ENR 5.2 - 30	24 MAY 2018		
ENR 5.2 - 31	24 MAY 2018		
ENR 5.2 - 32	24 MAY 2018		
ENR 5.2 - 33	24 MAY 2018		
ENR 5.2 - 34	24 MAY 2018		
ENR 5.2 - 35	24 MAY 2018		
ENR 5.2 - 36	24 MAY 2018		
ENR 5.2 - 37	24 MAY 2018		
ENR 5.2 - 38	24 MAY 2018		
		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	30 NOV 2023
		AD 0.6 - 2	30 NOV 2023

Stranica	Datum	Stranica	Datum
AD 0.6 - 3	30 NOV 2023	LDDU AD 2.24.12 IAC RNP-b RWY 29 - 3	05 OCT 2023
AD 0.6 - 4	30 NOV 2023	LDDU AD 2.24.12 IAC RNP-b RWY 29 - 4	05 OCT 2023
AD 0.6 - 5	30 NOV 2023	LDDU AD 2.24.12 IAC RNP RWY 11 - 1	19 MAY 2022
AD 0.6 - 6	30 NOV 2023	LDDU AD 2.24.12 IAC RNP RWY 11 - 2	19 MAY 2022
AD 0.6 - 7	30 NOV 2023	LDDU AD 2.24.12 IAC RNP RWY 11 - 3	19 MAY 2022
AD 0.6 - 8	30 NOV 2023	LDDU AD 2.24.12 IAC RNP RWY 11 - 4	19 MAY 2022
AD 0.6 - 9	30 NOV 2023	LDDU AD 2.24.12 IAC RNP RWY 29 (AR) - 1	03 DEC 2020
AD 0.6 - 10	30 NOV 2023	LDDU AD 2.24.12 IAC RNP RWY 29 (AR) - 2	03 DEC 2020
AD 1.1 - 1	13 JUL 2023	LDDU AD 2.24.13 VAC RWY 29 - 1	12 AUG 2021
AD 1.1 - 2	13 JUL 2023	LDDU AD 2.24.13 VAC RWY 29 - 2	12 AUG 2021
AD 1.1 - 3	13 JUL 2023	LDDU AD 2.24.13 VOC - 1	12 AUG 2021
AD 1.1 - 4	13 JUL 2023	LDDU AD 2.24.13 VOC - 2	12 AUG 2021
AD 1.2 - 1	25 JAN 2024	LDDU AD 2.24.14 BC - 1	28 MAR 2019
AD 1.2 - 2	25 JAN 2024	LDDU AD 2.24.14 BC - 2	28 MAR 2019
AD 1.2 - 3	25 JAN 2024	LDLO AD 2 - 1	30 NOV 2023
AD 1.2 - 4	26 JAN 2023	LDLO AD 2 - 2	30 NOV 2023
AD 1.3 - 1	30 NOV 2023	LDLO AD 2 - 3	30 NOV 2023
AD 1.3 - 2	30 NOV 2023	LDLO AD 2 - 4	22 FEB 2024
AD 1.3 - 3	30 NOV 2023	LDLO AD 2 - 5	22 FEB 2024
AD 1.3 - 4	19 MAY 2022	LDLO AD 2 - 6	22 FEB 2024
AD 1.4 - 1	13 JUL 2023	LDLO AD 2 - 7	22 FEB 2024
AD 1.4 - 2	08 MAR 2012	LDLO AD 2 - 8	22 FEB 2024
AD 1.5 - 1	30 NOV 2023	LDLO AD 2 - 9	22 FEB 2024
AD 1.5 - 2	08 MAR 2012	LDLO AD 2 - 10	22 FEB 2024
LDDU AD 2 - 1	30 NOV 2023	LDLO AD 2 - 11	22 FEB 2024
LDDU AD 2 - 2	30 NOV 2023	LDLO AD 2 - 12	22 FEB 2024
LDDU AD 2 - 3	25 JAN 2024	LDLO AD 2 - 13	22 FEB 2024
LDDU AD 2 - 4	25 JAN 2024	LDLO AD 2 - 14	22 FEB 2024
LDDU AD 2 - 5	30 NOV 2023	LDLO AD 2 - 15	22 FEB 2024
LDDU AD 2 - 6	15 JUN 2023	LDLO AD 2 - 16	22 FEB 2024
LDDU AD 2 - 7	30 NOV 2023	LDLO AD 2.24.1 ADC - 1	23 FEB 2023
LDDU AD 2 - 8	30 NOV 2023	LDLO AD 2.24.1 ADC - 2	23 FEB 2023
LDDU AD 2 - 9	25 JAN 2024	LDLO AD 2.24.2 APDC - 1	25 APR 2019
LDDU AD 2 - 10	10 AUG 2023	LDLO AD 2.24.2 APDC - 2	25 APR 2019
LDDU AD 2 - 11	07 SEP 2023	LDLO AD 2.24.4 AOC RWY 02/20 - 1	25 APR 2019
LDDU AD 2 - 12	07 SEP 2023	LDLO AD 2.24.8 SID RWY 02 - 1	22 FEB 2024
LDDU AD 2 - 13	15 JUN 2023	LDLO AD 2.24.8 SID RWY 02 - 2	22 FEB 2024
LDDU AD 2 - 14	15 JUN 2023	LDLO AD 2.24.8 SID RNAV RWY 02 CAT A & B - 1	22 FEB 2024
LDDU AD 2 - 15	15 JUN 2023	LDLO AD 2.24.8 SID RNAV RWY 02 CAT A & B - 2	22 FEB 2024
LDDU AD 2 - 16	15 JUN 2023	LDLO AD 2.24.8 SID RWY 20 - 1	22 FEB 2024
LDDU AD 2 - 17	05 OCT 2023	LDLO AD 2.24.8 SID RWY 20 - 2	22 FEB 2024
LDDU AD 2 - 18	25 JAN 2024	LDLO AD 2.24.8 SID RNAV RWY 20 CAT A & B - 1	22 FEB 2024
LDDU AD 2.24.1 ADC - 1	21 MAY 2020	LDLO AD 2.24.8 SID RNAV RWY 20 CAT A & B - 2	22 FEB 2024
LDDU AD 2.24.1 ADC - 2	21 MAY 2020	LDLO AD 2.24.10 STAR RWY 02/20 - 1	22 FEB 2024
LDDU AD 2.24.2 APDC - 1	10 AUG 2023	LDLO AD 2.24.10 STAR RWY 02/20 - 2	22 FEB 2024
LDDU AD 2.24.2 APDC - 2	10 AUG 2023	LDLO AD 2.24.10 STAR RNAV RWY 02 CAT A & B - 1	22 FEB 2024
LDDU AD 2.24.4 AOC RWY 11 - 1	28 MAR 2019	LDLO AD 2.24.10 STAR RNAV RWY 02 CAT A & B - 2	22 FEB 2024
LDDU AD 2.24.4 AOC RWY 29 - 1	28 MAR 2019	LDLO AD 2.24.10 STAR RNAV RWY 20 CAT A & B - 1	22 FEB 2024
LDDU AD 2.24.8 SID RWY 11 - 1	03 DEC 2020	LDLO AD 2.24.10 STAR RNAV RWY 20 CAT A & B - 2	22 FEB 2024
LDDU AD 2.24.8 SID RWY 11 - 2	03 DEC 2020	LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A&B - 1	22 FEB 2024
LDDU AD 2.24.8 SID RNAV RWY 11 - 1	22 APR 2021	LDLO AD 2.24.12 IAC NDB-a RWY 02/20 CAT A&B - 2	22 FEB 2024
LDDU AD 2.24.8 SID RNAV RWY 11 - 2	22 APR 2021	LDLO AD 2.24.12 IAC VOR RWY 02 CAT A&B - 1	22 FEB 2024
LDDU AD 2.24.8 SID RWY 29 - 1	26 MAR 2020	LDLO AD 2.24.12 IAC VOR RWY 02 CAT A&B - 2	22 FEB 2024
LDDU AD 2.24.8 SID RWY 29 - 2	26 MAR 2020	LDLO AD 2.24.12 IAC RNP RWY 02 - 1	22 FEB 2024
LDDU AD 2.24.8 SID RNAV RWY 29 - 1	22 APR 2021	LDLO AD 2.24.12 IAC RNP RWY 02 - 2	22 FEB 2024
LDDU AD 2.24.8 SID RNAV RWY 29 - 2	22 APR 2021	LDLO AD 2.24.12 IAC RNP RWY 02 - 3	22 FEB 2024
LDDU AD 2.24.10 STAR RWY 11/29 - 1	22 APR 2021	LDLO AD 2.24.12 IAC RNP RWY 02 - 4	22 FEB 2024
LDDU AD 2.24.10 STAR RWY 11/29 - 2	22 APR 2021	LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 122 FEB 2024	
LDDU AD 2.24.10 STAR RNAV RWY 11 - 1	19 MAY 2022	LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 222 FEB 2024	
LDDU AD 2.24.10 STAR RNAV RWY 11 - 2	19 MAY 2022	LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 322 FEB 2024	
LDDU AD 2.24.10 STAR RNAV RWY 11 - 3	19 MAY 2022	LDLO AD 2.24.12 IAC RNP RWY 20 (LPV & LNAV/VNAV only) - 422 FEB 2024	
LDDU AD 2.24.10 STAR RNAV RWY 11 - 4	19 MAY 2022	LDLO AD 2.24.13 VOC - 1	28 DEC 2023
LDDU AD 2.24.10 STAR RNAV RWY 11 - 5	19 MAY 2022	LDLO AD 2.24.13 VOC - 2	28 DEC 2023
LDDU AD 2.24.10 STAR RNAV RWY 11 - 6	19 MAY 2022	LDOS AD 2 - 1	30 NOV 2023
LDDU AD 2.24.10 STAR RNAV RWY 29 - 1	19 MAY 2022	LDOS AD 2 - 2	22 FEB 2024
LDDU AD 2.24.10 STAR RNAV RWY 29 - 2	19 MAY 2022	LDOS AD 2 - 3	22 FEB 2024
LDDU AD 2.24.10 STAR RNAV RWY 29 - 3	19 MAY 2022	LDOS AD 2 - 4	30 NOV 2023
LDDU AD 2.24.10 STAR RNAV RWY 29 - 4	19 MAY 2022	LDOS AD 2 - 5	29 DEC 2022
LDDU AD 2.24.11 ATCSMAC - 1	10 AUG 2023	LDOS AD 2 - 6	30 NOV 2023
LDDU AD 2.24.11 ATCSMAC - 2	10 AUG 2023	LDOS AD 2 - 7	30 NOV 2023
LDDU AD 2.24.12 IAC L RWY 11 - 1	03 NOV 2022	LDOS AD 2 - 8	28 DEC 2023
LDDU AD 2.24.12 IAC L RWY 11 - 2	03 NOV 2022	LDOS AD 2 - 9	28 DEC 2023
LDDU AD 2.24.12 IAC VOR RWY 11 - 1	03 NOV 2022	LDOS AD 2 - 10	28 DEC 2023
LDDU AD 2.24.12 IAC VOR RWY 11 - 2	03 NOV 2022	LDOS AD 2 - 11	25 APR 2019
LDDU AD 2.24.12 IAC ILSy or LOCy RWY 11 - 1	03 NOV 2022	LDOS AD 2 - 12	25 APR 2019
LDDU AD 2.24.12 IAC ILSy or LOCy RWY 11 - 2	03 NOV 2022	LDOS AD 2 - 13	20 APR 2023
LDDU AD 2.24.12 IAC ILSz or LOCz RWY 11 - 1	03 NOV 2022	LDOS AD 2 - 14	22 FEB 2024
LDDU AD 2.24.12 IAC ILSz or LOCz RWY 11 - 2	03 NOV 2022	LDOS AD 2.24.1 ADC - 1	02 DEC 2021
LDDU AD 2.24.12 IAC VOR-a RWY 29 - 1	05 OCT 2023		
LDDU AD 2.24.12 IAC VOR-a RWY 29 - 2	05 OCT 2023		
LDDU AD 2.24.12 IAC RNP-b RWY 29 - 1	05 OCT 2023		
LDDU AD 2.24.12 IAC RNP-b RWY 29 - 2	05 OCT 2023		

Stranica	Datum	Stranica	Datum
LDOS AD 2.24.1 ADC - 2	02 DEC 2021	LDPL AD 2.24.10 STAR RWY 27 - 2	15 JUN 2023
LDOS AD 2.24.2 APDC - 1	02 DEC 2021	LDPL AD 2.24.10 STAR RNAV RWY 09 - 1	15 JUN 2023
LDOS AD 2.24.2 APDC - 2	02 DEC 2021	LDPL AD 2.24.10 STAR RNAV RWY 09 - 2	15 JUN 2023
LDOS AD 2.24.4 AOC RWY 11/29 - 1	20 JUN 2019	LDPL AD 2.24.10 STAR RNAV RWY 09 - 3	15 JUN 2023
LDOS AD 2.24.8 SID RWY 11 - 1	18 MAY 2023	LDPL AD 2.24.10 STAR RNAV RWY 09 - 4	15 JUN 2023
LDOS AD 2.24.8 SID RWY 11 - 2	18 MAY 2023	LDPL AD 2.24.10 STAR RNAV RWY 27 - 1	15 JUN 2023
LDOS AD 2.24.8 SID RNAV RWY 11 - 1	18 MAY 2023	LDPL AD 2.24.10 STAR RNAV RWY 27 - 2	15 JUN 2023
LDOS AD 2.24.8 SID RNAV RWY 11 - 2	18 MAY 2023	LDPL AD 2.24.10 STAR RNAV RWY 27 - 3	15 JUN 2023
LDOS AD 2.24.8 SID RWY 29 - 1	18 MAY 2023	LDPL AD 2.24.10 STAR RNAV RWY 27 - 4	15 JUN 2023
LDOS AD 2.24.8 SID RWY 29 - 2	18 MAY 2023	LDPL AD 2.24.11 ATCSMAC - 1	25 JAN 2024
LDOS AD 2.24.8 SID RNAV RWY 29 - 1	18 MAY 2023	LDPL AD 2.24.11 ATCSMAC - 2	25 JAN 2024
LDOS AD 2.24.8 SID RNAV RWY 29 - 2	18 MAY 2023	LDPL AD 2.24.12 IAC VOR RWY 09 - 1	15 JUN 2023
LDOS AD 2.24.10 STAR RWY 11 - 1	18 MAY 2023	LDPL AD 2.24.12 IAC VOR RWY 09 - 2	15 JUN 2023
LDOS AD 2.24.10 STAR RWY 11 - 2	18 MAY 2023	LDPL AD 2.24.12 IAC VOR RWY 27 - 1	15 JUN 2023
LDOS AD 2.24.10 STAR RNAV RWY 11 - 1	18 MAY 2023	LDPL AD 2.24.12 IAC VOR RWY 27 - 2	15 JUN 2023
LDOS AD 2.24.10 STAR RNAV RWY 11 - 2	18 MAY 2023	LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 - 1	15 JUN 2023
LDOS AD 2.24.10 STAR RWY 29 - 1	18 MAY 2023	LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 - 2	15 JUN 2023
LDOS AD 2.24.10 STAR RWY 29 - 2	18 MAY 2023	LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 - 1	15 JUN 2023
LDOS AD 2.24.10 STAR RNAV RWY 29 - 1	22 FEB 2024	LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 - 2	15 JUN 2023
LDOS AD 2.24.10 STAR RNAV RWY 29 - 2	22 FEB 2024	LDPL AD 2.24.12 IAC RNP RWY09 - 1	11 AUG 2022
LDOS AD 2.24.11 ATCSMAC - 1	25 JAN 2024	LDPL AD 2.24.12 IAC RNP RWY09 - 2	11 AUG 2022
LDOS AD 2.24.11 ATCSMAC - 2	25 JAN 2024	LDPL AD 2.24.12 IAC RNP RWY09 - 3	11 AUG 2022
LDOS AD 2.24.12 IAC L RWY 11 - 1	18 MAY 2023	LDPL AD 2.24.12 IAC RNP RWY09 - 4	11 AUG 2022
LDOS AD 2.24.12 IAC L RWY 11 - 2	18 MAY 2023	LDPL AD 2.24.12 IAC RNP RWY27 - 1	15 JUN 2023
LDOS AD 2.24.12 IAC ILS or LOC RWY 11 - 1	18 MAY 2023	LDPL AD 2.24.12 IAC RNP RWY27 - 2	15 JUN 2023
LDOS AD 2.24.12 IAC ILS or LOC RWY 11 - 2	18 MAY 2023	LDPL AD 2.24.12 IAC RNP RWY27 - 3	15 JUN 2023
LDOS AD 2.24.12 IAC NDB RWY 11 - 1	18 MAY 2023	LDPL AD 2.24.12 IAC RNP RWY27 - 4	15 JUN 2023
LDOS AD 2.24.12 IAC NDB RWY 11 - 2	18 MAY 2023	LDPL AD 2.24.13 VOC - 1	15 JUN 2023
LDOS AD 2.24.12 IAC RNP-a RWY 29 - 1	22 FEB 2024	LDPL AD 2.24.13 VOC - 2	15 JUN 2023
LDOS AD 2.24.12 IAC RNP-a RWY 29 - 2	22 FEB 2024	LDPL AD 2.24.14 BC - 1	08 MAR 2012
LDOS AD 2.24.12 IAC NDB RWY 29 - 1	18 MAY 2023	LDPL AD 2.24.14 BC - 2	08 MAR 2012
LDOS AD 2.24.12 IAC NDB RWY 29 - 2	18 MAY 2023	LDRI AD 2 - 1	30 NOV 2023
LDOS AD 2.24.12 IAC ILSx or LOCx RWY 29 CAT A&B - 1	18 MAY 2023	LDRI AD 2 - 2	30 NOV 2023
LDOS AD 2.24.12 IAC ILSx or LOCx RWY 29 CAT A&B - 2	18 MAY 2023	LDRI AD 2 - 3	30 NOV 2023
LDOS AD 2.24.12 IAC ILSy or LOCy RWY 29 - 1	18 MAY 2023	LDRI AD 2 - 4	30 NOV 2023
LDOS AD 2.24.12 IAC ILSy or LOCy RWY 29 - 2	18 MAY 2023	LDRI AD 2 - 5	30 NOV 2023
LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 - 1	20 APR 2023	LDRI AD 2 - 6	30 NOV 2023
LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 - 2	20 APR 2023	LDRI AD 2 - 7	28 DEC 2023
LDOS AD 2.24.12 IAC RNP RWY 11 - 1	18 MAY 2023	LDRI AD 2 - 8	13 JUL 2023
LDOS AD 2.24.12 IAC RNP RWY 11 - 2	18 MAY 2023	LDRI AD 2 - 9	28 DEC 2023
LDOS AD 2.24.12 IAC RNP RWY 11 - 3	18 MAY 2023	LDRI AD 2 - 10	20 APR 2023
LDOS AD 2.24.12 IAC RNP RWY 11 - 4	18 MAY 2023	LDRI AD 2 - 11	20 APR 2023
LDOS AD 2.24.13 VOC - 1	28 DEC 2023	LDRI AD 2 - 12	20 APR 2023
LDOS AD 2.24.13 VOC - 2	28 DEC 2023	LDRI AD 2 - 13	30 NOV 2023
LDPL AD 2 - 1	30 NOV 2023	LDRI AD 2 - 14	23 FEB 2023
LDPL AD 2 - 2	30 NOV 2023	LDRI AD 2.24.1 ADC - 1	13 AUG 2020
LDPL AD 2 - 3	30 NOV 2023	LDRI AD 2.24.1 ADC - 2	13 AUG 2020
LDPL AD 2 - 4	30 NOV 2023	LDRI AD 2.24.2 APDC - 1	03 NOV 2022
LDPL AD 2 - 5	30 NOV 2023	LDRI AD 2.24.2 APDC - 2	03 NOV 2022
LDPL AD 2 - 6	02 DEC 2021	LDRI AD 2.24.4 AOC RWY 14/32 - 1	28 MAR 2019
LDPL AD 2 - 7	30 NOV 2023	LDRI AD 2.24.8 SID RWY 14 - 1	20 APR 2023
LDPL AD 2 - 8	30 NOV 2023	LDRI AD 2.24.8 SID RWY 14 - 2	20 APR 2023
LDPL AD 2 - 9	15 JUN 2023	LDRI AD 2.24.8 SID RNAV RWY 14 - 1	20 APR 2023
LDPL AD 2 - 10	15 JUN 2023	LDRI AD 2.24.8 SID RNAV RWY 14 - 2	20 APR 2023
LDPL AD 2 - 11	15 JUN 2023	LDRI AD 2.24.8 SID RNAV RWY 14 - 3	20 APR 2023
LDPL AD 2 - 12	15 JUN 2023	LDRI AD 2.24.8 SID RNAV RWY 14 - 4	20 APR 2023
LDPL AD 2 - 13	15 JUN 2023	LDRI AD 2.24.8 SID RWY 32 - 1	20 APR 2023
LDPL AD 2 - 14	15 JUN 2023	LDRI AD 2.24.8 SID RWY 32 - 2	20 APR 2023
LDPL AD 2 - 15	15 JUN 2023	LDRI AD 2.24.8 SID RNAV RWY 32 - 1	20 APR 2023
LDPL AD 2 - 16	15 JUN 2023	LDRI AD 2.24.8 SID RNAV RWY 32 - 2	20 APR 2023
LDPL AD 2 - 17	28 DEC 2023	LDRI AD 2.24.8 SID RNAV RWY 32 - 3	20 APR 2023
LDPL AD 2 - 18	15 JUN 2023	LDRI AD 2.24.8 SID RNAV RWY 32 - 4	20 APR 2023
LDPL AD 2.24.1 ADC - 1	02 DEC 2021	LDRI AD 2.24.10 STAR RWY 14/32 - 1	20 APR 2023
LDPL AD 2.24.1 ADC - 2	02 DEC 2021	LDRI AD 2.24.10 STAR RWY 14/32 - 2	20 APR 2023
LDPL AD 2.24.2 APDC - 1	14 JUL 2022	LDRI AD 2.24.10 STAR RNAV RWY 14 - 1	10 AUG 2023
LDPL AD 2.24.2 APDC - 2	14 JUL 2022	LDRI AD 2.24.10 STAR RNAV RWY 14 - 2	10 AUG 2023
LDPL AD 2.24.4 AOC RWY 09/27 - 1	28 MAR 2019	LDRI AD 2.24.10 STAR RNAV RWY 32 - 1	20 APR 2023
LDPL AD 2.24.8 SID RWY 09 - 1	15 JUN 2023	LDRI AD 2.24.10 STAR RNAV RWY 32 - 2	20 APR 2023
LDPL AD 2.24.8 SID RWY 09 - 2	15 JUN 2023	LDRI AD 2.24.10 STAR RNAV RWY 32 - 3	20 APR 2023
LDPL AD 2.24.8 SID RNAV RWY 09 - 1	15 JUN 2023	LDRI AD 2.24.10 STAR RNAV RWY 32 - 4	20 APR 2023
LDPL AD 2.24.8 SID RNAV RWY 09 - 2	15 JUN 2023	LDRI AD 2.24.12 IAC VOR RWY 14 - 1	20 APR 2023
LDPL AD 2.24.8 SID RNAV RWY 09 - 3	15 JUN 2023	LDRI AD 2.24.12 IAC VOR RWY 14 - 2	20 APR 2023
LDPL AD 2.24.8 SID RNAV RWY 09 - 4	15 JUN 2023	LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 - 1	10 AUG 2023
LDPL AD 2.24.8 SID RWY 27 - 1	15 JUN 2023	LDRI AD 2.24.12 IAC ILS y or LOC y RWY 14 - 2	10 AUG 2023
LDPL AD 2.24.8 SID RWY 27 - 2	15 JUN 2023	LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 1	10 AUG 2023
LDPL AD 2.24.8 SID RNAV RWY 27 - 1	15 JUN 2023	LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 2	10 AUG 2023
LDPL AD 2.24.8 SID RNAV RWY 27 - 2	15 JUN 2023	LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 3	10 AUG 2023
LDPL AD 2.24.8 SID RNAV RWY 27 - 3	15 JUN 2023	LDRI AD 2.24.12 IAC ILS z or LOC z RWY 14 - 4	10 AUG 2023
LDPL AD 2.24.8 SID RNAV RWY 27 - 4	15 JUN 2023	LDRI AD 2.24.12 IAC VOR RWY 32 - 1	20 APR 2023
LDPL AD 2.24.10 STAR RWY 09 - 1	15 JUN 2023	LDRI AD 2.24.12 IAC VOR RWY 32 - 2	20 APR 2023
LDPL AD 2.24.10 STAR RWY 09 - 2	15 JUN 2023	LDRI AD 2.24.12 IAC RNP RWY14 - 1	20 APR 2023
LDPL AD 2.24.10 STAR RWY 27 - 1	15 JUN 2023	LDRI AD 2.24.12 IAC RNP RWY14 - 2	20 APR 2023

Stranica	Datum	Stranica	Datum
LDRI AD 2.24.12 IAC RNP RWY14 - 3	20 APR 2023	LDSP AD 2 - 26	28 DEC 2023
LDRI AD 2.24.12 IAC RNP RWY14 - 4	20 APR 2023	LDSP AD 2.24.1 ADC - 1	28 DEC 2023
LDRI AD 2.24.12 IAC RNP RWY32 - 1	20 APR 2023	LDSP AD 2.24.1 ADC - 2	28 DEC 2023
LDRI AD 2.24.12 IAC RNP RWY32 - 2	20 APR 2023	LDSP AD 2.24.2 APDC - 1	28 DEC 2023
LDRI AD 2.24.12 IAC RNP RWY32 - 3	20 APR 2023	LDSP AD 2.24.2 APDC - 2	28 DEC 2023
LDRI AD 2.24.12 IAC RNP RWY32 - 4	20 APR 2023	LDSP AD 2.24.4 AOC RWY 05 - 1	20 JUN 2019
LDRI AD 2.24.13 VOC - 1	28 DEC 2023	LDSP AD 2.24.4 AOC RWY 23 - 1	20 JUN 2019
LDRI AD 2.24.13 VOC - 2	28 DEC 2023	LDSP AD 2.24.8 SID RWY 05 - 1	18 MAY 2023
LDSB AD 2 - 1	30 NOV 2023	LDSP AD 2.24.8 SID RWY 05 - 2	18 MAY 2023
LDSB AD 2 - 2	30 NOV 2023	LDSP AD 2.24.8 SID RNAV RWY 05 - 1	21 MAY 2020
LDSB AD 2 - 3	30 NOV 2023	LDSP AD 2.24.8 SID RNAV RWY 05 - 2	21 MAY 2020
LDSB AD 2 - 4	30 NOV 2023	LDSP AD 2.24.8 SID RNAV RWY 05 - 3	21 MAY 2020
LDSB AD 2 - 5	13 JUL 2023	LDSP AD 2.24.8 SID RNAV RWY 05 - 4	21 MAY 2020
LDSB AD 2 - 6	13 JUL 2023	LDSP AD 2.24.8 SID RWY 23 - 1	18 MAY 2023
LDSB AD 2 - 7	30 NOV 2023	LDSP AD 2.24.8 SID RWY 23 - 2	18 MAY 2023
LDSB AD 2 - 8	30 NOV 2023	LDSP AD 2.24.8 SID RNAV RWY 23 - 1	05 DEC 2019
LDSB AD 2 - 9	28 DEC 2023	LDSP AD 2.24.8 SID RNAV RWY 23 - 2	05 DEC 2019
LDSB AD 2 - 10	28 DEC 2023	LDSP AD 2.24.8 SID RNAV RWY 23 - 3	05 DEC 2019
LDSB AD 2 - 11	13 JUL 2023	LDSP AD 2.24.8 SID RNAV RWY 23 - 4	05 DEC 2019
LDSB AD 2 - 12	13 JUL 2023	LDSP AD 2.24.10 STAR RWY 05 - 1	18 MAY 2023
LDSB AD 2 - 13	30 NOV 2023	LDSP AD 2.24.10 STAR RWY 05 - 2	18 MAY 2023
LDSB AD 2 - 14	13 JUL 2023	LDSP AD 2.24.10 STAR RNAV RWY 05 - 1	18 MAY 2023
LDSB AD 2.24.1 ADC - 1	07 SEP 2023	LDSP AD 2.24.10 STAR RNAV RWY 05 - 2	18 MAY 2023
LDSB AD 2.24.1 ADC - 2	07 SEP 2023	LDSP AD 2.24.10 STAR RNAV RWY 05 - 3	18 MAY 2023
LDSB AD 2.24.2 APDC - 1	20 JUN 2019	LDSP AD 2.24.10 STAR RNAV RWY 05 - 4	18 MAY 2023
LDSB AD 2.24.2 APDC - 2	20 JUN 2019	LDSP AD 2.24.10 STAR RWY 23 - 1	18 MAY 2023
LDSB AD 2.24.4 AOC RWY 03/21 - 1	20 MAY 2021	LDSP AD 2.24.10 STAR RWY 23 - 2	18 MAY 2023
LDSB AD 2.24.8 SID RWY 03 CAT A/B&C - 1	20 MAY 2021	LDSP AD 2.24.10 STAR RNAV RWY 23 - 1	19 MAY 2022
LDSB AD 2.24.8 SID RWY 03 CAT A/B&C - 2	20 MAY 2021	LDSP AD 2.24.10 STAR RNAV RWY 23 - 2	19 MAY 2022
LDSB AD 2.24.8 SID RNAV RWY 03 - 1	20 MAY 2021	LDSP AD 2.24.10 STAR RNAV RWY 23 - 3	19 MAY 2022
LDSB AD 2.24.8 SID RNAV RWY 03 - 2	20 MAY 2021	LDSP AD 2.24.10 STAR RNAV RWY 23 - 4	19 MAY 2022
LDSB AD 2.24.8 SID RWY 21 CAT A/B&C - 1	20 MAY 2021	LDSP AD 2.24.10 STAR RNAV RWY 23 - 5	19 MAY 2022
LDSB AD 2.24.8 SID RWY 21 CAT A/B&C - 2	20 MAY 2021	LDSP AD 2.24.10 STAR RNAV RWY 23 - 6	19 MAY 2022
LDSB AD 2.24.8 SID RNAV RWY 21 - 1	20 MAY 2021	LDSP AD 2.24.11 ATCSMAC - 1	14 JUL 2022
LDSB AD 2.24.8 SID RNAV RWY 21 - 2	20 MAY 2021	LDSP AD 2.24.11 ATCSMAC - 2	14 JUL 2022
LDSB AD 2.24.10 STAR RWY 03/21 CAT A/B&C - 1	20 MAY 2021	LDSP AD 2.24.12 IAC NDB RWY 05 - 1	18 MAY 2023
LDSB AD 2.24.10 STAR RWY 03/21 CAT A/B&C - 2	20 MAY 2021	LDSP AD 2.24.12 IAC NDB RWY 05 - 2	18 MAY 2023
LDSB AD 2.24.10 STAR RNAV RWY 03/21 - 1	19 MAY 2022	LDSP AD 2.24.12 IAC ILSy or LOCy RWY 05 - 1	18 MAY 2023
LDSB AD 2.24.10 STAR RNAV RWY 03/21 - 2	19 MAY 2022	LDSP AD 2.24.12 IAC ILSy or LOCy RWY 05 - 2	18 MAY 2023
LDSB AD 2.24.12 IAC NDB RWY 03 - 1	20 MAY 2021	LDSP AD 2.24.12 IAC ILSz or LOCz RWY 05 - 1	18 MAY 2023
LDSB AD 2.24.12 IAC NDB RWY 03 - 2	20 MAY 2021	LDSP AD 2.24.12 IAC ILSz or LOCz RWY 05 - 2	18 MAY 2023
LDSB AD 2.24.12 IAC VOR-a RWY 03/21 - 1	20 MAY 2021	LDSP AD 2.24.12 IAC VOR-b RWY 23 - 1	18 MAY 2023
LDSB AD 2.24.12 IAC VOR-a RWY 03/21 - 2	20 MAY 2021	LDSP AD 2.24.12 IAC VOR-b RWY 23 - 2	18 MAY 2023
LDSB AD 2.24.12 IAC NDB-a RWY 21 - 1	20 MAY 2021	LDSP AD 2.24.12 IAC RNP Y RWY 05 - 1	18 MAY 2023
LDSB AD 2.24.12 IAC NDB-a RWY 21 - 2	20 MAY 2021	LDSP AD 2.24.12 IAC RNP Y RWY 05 - 2	18 MAY 2023
LDSB AD 2.24.12 IAC NDB RWY 21 - 1	20 MAY 2021	LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 1	18 MAY 2023
LDSB AD 2.24.12 IAC NDB RWY 21 - 2	20 MAY 2021	LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 2	18 MAY 2023
LDSB AD 2.24.12 IAC RNP RWY 03 - 1	20 MAY 2021	LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 3	18 MAY 2023
LDSB AD 2.24.12 IAC RNP RWY 03 - 2	20 MAY 2021	LDSP AD 2.24.12 IAC RNP Z RWY 05 (LPV only) - 4	18 MAY 2023
LDSB AD 2.24.12 IAC RNP RWY 03 - 3	20 MAY 2021	LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 1	19 MAY 2022
LDSB AD 2.24.12 IAC RNP RWY 03 - 4	20 MAY 2021	LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 2	19 MAY 2022
LDSB AD 2.24.12 IAC RNP RWY 21 - 1	20 MAY 2021	LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 3	19 MAY 2022
LDSB AD 2.24.12 IAC RNP RWY 21 - 2	20 MAY 2021	LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 - 4	19 MAY 2022
LDSB AD 2.24.12 IAC RNP RWY 21 - 3	20 MAY 2021	LDSP AD 2.24.13 VAC RWY 23 - 1	16 JUL 2020
LDSB AD 2.24.12 IAC RNP RWY 21 - 4	20 MAY 2021	LDSP AD 2.24.13 VAC RWY 23 - 2	16 JUL 2020
LDSB AD 2.24.13 VOC - 1	28 DEC 2023	LDSP AD 2.24.13 VOC - 1	12 AUG 2021
LDSB AD 2.24.13 VOC - 2	28 DEC 2023	LDSP AD 2.24.13 VOC - 2	12 AUG 2021
LDSP AD 2 - 1	28 DEC 2023	LDSP AD 2.24.14 BC - 1	08 MAR 2012
LDSP AD 2 - 2	30 NOV 2023	LDSP AD 2.24.14 BC - 2	08 MAR 2012
LDSP AD 2 - 3	25 JAN 2024	LDZA AD 2 - 1	30 NOV 2023
LDSP AD 2 - 4	25 JAN 2024	LDZA AD 2 - 2	30 NOV 2023
LDSP AD 2 - 5	28 DEC 2023	LDZA AD 2 - 3	30 NOV 2023
LDSP AD 2 - 6	28 DEC 2023	LDZA AD 2 - 4	30 NOV 2023
LDSP AD 2 - 7	28 DEC 2023	LDZA AD 2 - 5	30 NOV 2023
LDSP AD 2 - 8	28 DEC 2023	LDZA AD 2 - 6	17 JUN 2021
LDSP AD 2 - 9	28 DEC 2023	LDZA AD 2 - 7	02 DEC 2021
LDSP AD 2 - 10	28 DEC 2023	LDZA AD 2 - 8	30 NOV 2023
LDSP AD 2 - 11	28 DEC 2023	LDZA AD 2 - 9	30 NOV 2023
LDSP AD 2 - 12	28 DEC 2023	LDZA AD 2 - 10	17 JUN 2021
LDSP AD 2 - 13	28 DEC 2023	LDZA AD 2 - 11	17 JUN 2021
LDSP AD 2 - 14	28 DEC 2023	LDZA AD 2 - 12	13 JUL 2023
LDSP AD 2 - 15	28 DEC 2023	LDZA AD 2 - 13	26 JAN 2023
LDSP AD 2 - 16	28 DEC 2023	LDZA AD 2 - 14	06 OCT 2022
LDSP AD 2 - 17	28 DEC 2023	LDZA AD 2 - 15	06 OCT 2022
LDSP AD 2 - 18	28 DEC 2023	LDZA AD 2 - 16	24 MAR 2022
LDSP AD 2 - 19	28 DEC 2023	LDZA AD 2 - 17	24 MAR 2022
LDSP AD 2 - 20	28 DEC 2023	LDZA AD 2 - 18	24 MAR 2022
LDSP AD 2 - 21	28 DEC 2023	LDZA AD 2 - 19	24 MAR 2022
LDSP AD 2 - 22	28 DEC 2023	LDZA AD 2 - 20	24 MAR 2022
LDSP AD 2 - 23	28 DEC 2023	LDZA AD 2 - 21	24 MAR 2022
LDSP AD 2 - 24	28 DEC 2023	LDZA AD 2 - 22	24 MAR 2022
LDSP AD 2 - 25	28 DEC 2023	LDZA AD 2 - 23	24 MAR 2022

Stranica	Datum	Stranica	Datum
LDZA AD 2 - 24	28 DEC 2023	LDZD AD 2.24.4 AOC RWY 04/22 - 1	05 OCT 2023
LDZA AD 2.24.1 ADC - 1	05 NOV 2020	LDZD AD 2.24.4 AOC RWY 13/31 - 1	05 OCT 2023
LDZA AD 2.24.1 ADC - 2	05 NOV 2020	LDZD AD 2.24.8 SID RWY 04 - 1	16 JUN 2022
LDZA AD 2.24.2 APDC EAST - 1	06 OCT 2022	LDZD AD 2.24.8 SID RWY 04 - 2	16 JUN 2022
LDZA AD 2.24.2 APDC EAST - 2	06 OCT 2022	LDZD AD 2.24.8 SID RNAV RWY 04 - 1	16 JUN 2022
LDZA AD 2.24.2 APDC WEST - 1	18 MAY 2023	LDZD AD 2.24.8 SID RNAV RWY 04 - 2	16 JUN 2022
LDZA AD 2.24.2 APDC WEST - 2	18 MAY 2023	LDZD AD 2.24.8 SID RNAV RWY 04 - 3	16 JUN 2022
LDZA AD 2.24.4 AOC RWY 04/22 - 1	26 MAR 2020	LDZD AD 2.24.8 SID RNAV RWY 04 - 4	16 JUN 2022
LDZA AD 2.24.6 PATC RWY 04 - 1	26 MAR 2020	LDZD AD 2.24.8 SID RWY 13 - 1	16 JUN 2022
LDZA AD 2.24.6 PATC RWY 04 - 2	26 MAR 2020	LDZD AD 2.24.8 SID RWY 13 - 2	16 JUN 2022
LDZA AD 2.24.8 SID RWY 04 - 1	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 13 - 1	16 JUN 2022
LDZA AD 2.24.8 SID RWY 04 - 2	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 13 - 2	16 JUN 2022
LDZA AD 2.24.8 SID RNAV RWY 04 - 1	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 13 - 3	16 JUN 2022
LDZA AD 2.24.8 SID RNAV RWY 04 - 2	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 13 - 4	16 JUN 2022
LDZA AD 2.24.8 SID RNAV RWY 04 - 3	25 JAN 2024	LDZD AD 2.24.8 SID RWY 22 - 1	16 JUN 2022
LDZA AD 2.24.8 SID RNAV RWY 04 - 4	25 JAN 2024	LDZD AD 2.24.8 SID RWY 22 - 2	16 JUN 2022
LDZA AD 2.24.8 SID RWY 22 - 1	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 22 - 1	16 JUN 2022
LDZA AD 2.24.8 SID RWY 22 - 2	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 22 - 2	16 JUN 2022
LDZA AD 2.24.8 SID RNAV RWY 22 - 1	25 JAN 2024	LDZD AD 2.24.8 SID RWY 31 - 1	16 JUN 2022
LDZA AD 2.24.8 SID RNAV RWY 22 - 2	25 JAN 2024	LDZD AD 2.24.8 SID RWY 31 - 2	16 JUN 2022
LDZA AD 2.24.8 SID RNAV RWY 22 - 3	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 31 - 1	16 JUN 2022
LDZA AD 2.24.8 SID RNAV RWY 22 - 4	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 31 - 2	16 JUN 2022
LDZA AD 2.24.10 STAR RWY 04 - 1	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 31 - 3	16 JUN 2022
LDZA AD 2.24.10 STAR RWY 04 - 2	25 JAN 2024	LDZD AD 2.24.8 SID RNAV RWY 31 - 4	16 JUN 2022
LDZA AD 2.24.10 STAR RNAV RWY 04 - 1	25 JAN 2024	LDZD AD 2.24.10 STAR RWY 04 & 13/31 - 1	16 JUN 2022
LDZA AD 2.24.10 STAR RNAV RWY 04 - 2	25 JAN 2024	LDZD AD 2.24.10 STAR RWY 04 & 13/31 - 2	16 JUN 2022
LDZA AD 2.24.10 STAR RNAV RWY 04 - 3	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 04 - 1	16 JUN 2022
LDZA AD 2.24.10 STAR RNAV RWY 04 - 4	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 04 - 2	16 JUN 2022
LDZA AD 2.24.10 STAR RWY 22 - 1	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 04 - 3	16 JUN 2022
LDZA AD 2.24.10 STAR RWY 22 - 2	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 04 - 4	16 JUN 2022
LDZA AD 2.24.10 STAR RNAV RWY 22 - 1	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 13 - 1	16 JUN 2022
LDZA AD 2.24.10 STAR RNAV RWY 22 - 2	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 13 - 2	16 JUN 2022
LDZA AD 2.24.10 STAR RNAV RWY 22 - 3	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 13 - 3	16 JUN 2022
LDZA AD 2.24.10 STAR RNAV RWY 22 - 4	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 13 - 4	16 JUN 2022
LDZA AD 2.24.11 ATCSMAC - 1	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 31 - 1	16 JUN 2022
LDZA AD 2.24.11 ATCSMAC - 2	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 31 - 2	16 JUN 2022
LDZA AD 2.24.12 IAC L RWY 04 - 1	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 31 - 3	16 JUN 2022
LDZA AD 2.24.12 IAC L RWY 04 - 2	25 JAN 2024	LDZD AD 2.24.10 STAR RNAV RWY 31 - 4	16 JUN 2022
LDZA AD 2.24.12 IAC ILS y or LOC y RWY 04 - 1	25 JAN 2024	LDZD AD 2.24.11 ATCSMAC - 1	15 JUN 2023
LDZA AD 2.24.12 IAC ILS y or LOC y RWY 04 - 2	25 JAN 2024	LDZD AD 2.24.11 ATCSMAC - 2	15 JUN 2023
LDZA AD 2.24.12 IAC ILSz or LOCz RWY 04 - 1	25 JAN 2024	LDZD AD 2.24.12 IAC VOR RWY 04 - 1	14 JUL 2022
LDZA AD 2.24.12 IAC ILSz or LOCz RWY 04 - 2	25 JAN 2024	LDZD AD 2.24.12 IAC VOR RWY 04 - 2	14 JUL 2022
LDZA AD 2.24.12 IAC L RWY 22 - 1	25 JAN 2024	LDZD AD 2.24.12 IAC Ly RWY 13 - 1	14 JUL 2022
LDZA AD 2.24.12 IAC L RWY 22 - 2	25 JAN 2024	LDZD AD 2.24.12 IAC Ly RWY 13 - 2	14 JUL 2022
LDZA AD 2.24.12 IAC ILS y or LOC y RWY 22 - 1	25 JAN 2024	LDZD AD 2.24.12 IAC Lz RWY 13 - 1	14 JUL 2022
LDZA AD 2.24.12 IAC ILS y or LOC y RWY 22 - 2	25 JAN 2024	LDZD AD 2.24.12 IAC Lz RWY 13 - 2	14 JUL 2022
LDZA AD 2.24.12 IAC ILSz or LOCz RWY 22 - 1	25 JAN 2024	LDZD AD 2.24.12 IAC VOR RWY 13 - 1	14 JUL 2022
LDZA AD 2.24.12 IAC ILSz or LOCz RWY 22 - 2	19 MAY 2022	LDZD AD 2.24.12 IAC VOR RWY 13 - 2	14 JUL 2022
LDZA AD 2.24.12 IAC RNP RWY 04 - 1	25 JAN 2024	LDZD AD 2.24.12 IAC ILS or LOC RWY 13 - 1	14 JUL 2022
LDZA AD 2.24.12 IAC RNP RWY 04 - 2	25 JAN 2024	LDZD AD 2.24.12 IAC ILS or LOC RWY 13 - 2	14 JUL 2022
LDZA AD 2.24.12 IAC RNP RWY 04 - 3	25 JAN 2024	LDZD AD 2.24.12 IAC L RWY 31 - 1	14 JUL 2022
LDZA AD 2.24.12 IAC RNP RWY 04 - 4	25 JAN 2024	LDZD AD 2.24.12 IAC L RWY 31 - 2	14 JUL 2022
LDZA AD 2.24.12 IAC RNP RWY 22 - 1	25 JAN 2024	LDZD AD 2.24.12 IAC VOR RWY 31 - 1	14 JUL 2022
LDZA AD 2.24.12 IAC RNP RWY 22 - 2	25 JAN 2024	LDZD AD 2.24.12 IAC VOR RWY 31 - 2	14 JUL 2022
LDZA AD 2.24.12 IAC RNP RWY 22 - 3	25 JAN 2024	LDZD AD 2.24.12 IAC RNP RWY 04 - 1	16 JUN 2022
LDZA AD 2.24.12 IAC RNP RWY 22 - 4	25 JAN 2024	LDZD AD 2.24.12 IAC RNP RWY 04 - 2	16 JUN 2022
LDZA AD 2.24.13 VOC - 1	25 JAN 2024	LDZD AD 2.24.12 IAC RNP RWY 04 - 3	16 JUN 2022
LDZA AD 2.24.13 VOC - 2	25 JAN 2024	LDZD AD 2.24.12 IAC RNP RWY 04 - 4	16 JUN 2022
LDZA AD 2.24.14 BC - 1	23 APR 2020	LDZD AD 2.24.12 IAC RNP Y RWY 13 - 1	16 JUN 2022
LDZA AD 2.24.14 BC - 2	23 APR 2020	LDZD AD 2.24.12 IAC RNP Y RWY 13 - 2	16 JUN 2022
LDZD AD 2 - 1	30 NOV 2023	LDZD AD 2.24.12 IAC RNP Y RWY 13 - 3	16 JUN 2022
LDZD AD 2 - 2	30 NOV 2023	LDZD AD 2.24.12 IAC RNP Y RWY 13 - 4	16 JUN 2022
LDZD AD 2 - 3	30 NOV 2023	LDZD AD 2.24.12 IAC RNP Z RWY 13 - 1	16 JUN 2022
LDZD AD 2 - 4	30 NOV 2023	LDZD AD 2.24.12 IAC RNP Z RWY 13 - 2	16 JUN 2022
LDZD AD 2 - 5	30 NOV 2023	LDZD AD 2.24.12 IAC RNP Z RWY 13 - 3	16 JUN 2022
LDZD AD 2 - 6	02 DEC 2021	LDZD AD 2.24.12 IAC RNP Z RWY 13 - 4	16 JUN 2022
LDZD AD 2 - 7	30 NOV 2023	LDZD AD 2.24.12 IAC RNP RWY 31 - 1	16 JUN 2022
LDZD AD 2 - 8	30 NOV 2023	LDZD AD 2.24.12 IAC RNP RWY 31 - 2	16 JUN 2022
LDZD AD 2 - 9	15 JUN 2023	LDZD AD 2.24.12 IAC RNP RWY 31 - 3	16 JUN 2022
LDZD AD 2 - 10	25 JAN 2024	LDZD AD 2.24.12 IAC RNP RWY 31 - 4	16 JUN 2022
LDZD AD 2 - 11	13 JUL 2023	LDZD AD 2.24.13 VOC - 1	11 AUG 2022
LDZD AD 2 - 12	30 NOV 2023	LDZD AD 2.24.13 VOC - 2	11 AUG 2022
LDZD AD 2 - 13	30 NOV 2023		
LDZD AD 2 - 14	30 NOV 2023		
LDZD AD 2 - 15	27 FEB 2020		
LDZD AD 2 - 16	14 JUL 2022		
LDZD AD 2 - 17	30 NOV 2023		
LDZD AD 2 - 18	27 FEB 2023		
LDZD AD 2.24.1 ADC - 1	23 MAY 2019		
LDZD AD 2.24.1 ADC - 2	23 MAY 2019		
LDZD AD 2.24.2 APDC - 1	10 OCT 2019		
LDZD AD 2.24.2 APDC - 2	10 OCT 2019		

Stranica(e) AIP-a na koje se odnosi	Tekst izmjene	Uključeno AIP izmjenom broj:
1	2	3
LDOS AD 2.24.8 SID RWY 11-1 LDOS AD 2.24.8 SID RWY 29-1 LDOS AD 2.24.8 SID RNAV RWY 11-1 LDOS AD 2.24.8 SID RNAV RWY 29-1 LDOS AD 2.24.10 STAR RWY 11-1 LDOS AD 2.24.10 STAR RNAV RWY 11-1 LDOS AD 2.24.10 STAR RWY 29-1 LDOS AD 2.24.12 IAC L RWY 11-1 LDOS AD 2.24.12 IAC ILS or LOC RWY 11-1 LDOS AD 2.24.12 IAC NDB RWY 11-1 LDOS AD 2.24.12 IAC NDB RWY 29-1 LDOS AD 2.24.12 IAC ILS x or LOC x RWY 29 CAT A&B -1 LDOS AD 2.24.12 IAC ILS y or LOC y RWY 29 -1 LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 -1 LDOS AD 2.24.12 IAC RNP RWY 11 -1	Dodan je RMZ Osijek (REF ENR 2.2.1.2 za bočne i vertikalne granice, te klasu zračnog prostora).	AIRAC AIP AMDT 013/2023 (25 JAN 2024)
LDSB AD 2.24.8 SID RWY 03 CAT A/B & C -1 LDSB AD 2.24.8 SID RWY 21 CAT A/B & C -1 LDSB AD 2.24.8 SID RNAV RWY 03 -1 LDSB AD 2.24.8 SID RNAV RWY 21 -1 LDSB AD 2.24.10 STAR RWY 03/21 CAT A/B & C -1 LDSB AD 2.24.10 STAR RNAV RWY 03/21 -1 LDSB AD 2.24.12 IAC NDB RWY 03 -1 LDSB AD 2.24.12 IAC VOR-a RWY 03/21 -1 LDSB AD 2.24.12 IAC NDB RWY 21 -1 LDSB AD 2.24.12 IAC NDB-a RWY 21 -1 LDSB AD 2.24.12 IAC RNP RWY 03 -1 LDSB AD 2.24.12 IAC RNP RWY 21 -1 LDSP AD 2.24.8 SID RWY 05 -1 LDSP AD 2.24.8 SID RWY 23 -1 LDSP AD 2.24.8 SID RNAV RWY 05 -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 RWY 23 -1 LDSP AD 2.24.10 STAR RNAV RWY 05 -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 ILS y or LOC y RWY 05 -1 LDSP AD 2.24.12 IAC ILS z or LOC z RWY 05 -1 LDSP AD 2.24.12 IAC RNP y RWY 05 -1 LDSP AD 2.24.12 IAC RNP z (LPV only) RWY 05 -1 LDSP AD 2.24.12 IAC RNAV VISUAL RWY 23 -1 LDSP AD 2.24.12 IAC VOR-b RWY 23 -1 LDDU AD 2.24.11 ATCSMAC-1	Dodan je RMZ Brač (REF ENR 2.2.1.2 za bočne i vertikalne granice, te klasu zračnog prostora).	AIRAC AIP AMDT 013/2023 (25 JAN 2024)

Stranica(e) AIP-a na koje se odnosi	Tekst izmjene	Uključeno AIP izmjenom broj:
1	2	3
LDZD AD 2.24.11 ATCSMAC -1 LDPL AD 2.24.8 SID RWY 09 -1 LDPL AD 2.24.8 SID RWY 27 -1 LDPL AD 2.24.8 SID RNAV RWY 09 -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 2.24.12 IAC VOR RWY 09 -1 LDPL AD 2.24.12 IAC VOR RWY 27 -1 LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 -1 LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 -1 LDPL AD 2.24.12 IAC RNP RWY 27 -1 LDRI AD 2.24.8 SID RWY 14 -1 LDRI AD 2.24.8 SID RWY 32-1 LDRI AD 2.24.8 SID RNAV RWY 14 -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	Dodan je RMZ Rijeka (REF ENR 2.2.1.2 za bočne i vertikalne granice, te klasu zračnog prostora).	AIRAC AIP AMDT 013/2023 (25 JAN 2024)
LDPL AD 2.24.8 SID RWY 09 -1 LDPL AD 2.24.8 SID RWY 27 -1 LDPL AD 2.24.8 SID RNAV RWY 09 -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 2.24.12 IAC VOR RWY 09 -1 LDPL AD 2.24.12 IAC VOR RWY 27 -1 LDPL AD 2.24.12 IAC ILS y or LOC y RWY 27 -1 LDPL AD 2.24.12 IAC ILS z or LOC z RWY 27 -1 LDPL AD 2.24.12 IAC RNP RWY 27 -1 LDZD AD 2.24.11 ATCSMAC -1 LDRI AD 2.24.8 SID RWY 14 -1 LDRI AD 2.24.8 SID RWY 32-1 LDRI AD 2.24.8 SID RNAV RWY 14 -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	Dodan je RMZ Lošinj (REF ENR 2.2.1.2 za bočne i vertikalne granice, te klasu zračnog prostora).	AIRAC AIP AMDT 013/2023 (25 JAN 2024)

GEN 3.4 KOMUNIKACIJSKE USLUGE

GEN 3.4.1 ODGOVORNA SLUŽBA

Za pružanje zrakoplovnih nepokretnih i pokretnih komunikacijskih te radionavigacijskih usluga u Republici Hrvatskoj odgovorna je Hrvatska kontrola zračne plovidbe d.o.o.

Post: Hrvatska kontrola zračne plovidbe d.o.o.
Rudolfa Fizira 2
10410 Velika Gorica, p.p. 103
Hrvatska

Phone: +385 1 6259 268
+385 1 6259 330

Fax: +385 1 2020 338

AFS: LDDDYFYX

Usluge se pružaju u skladu s odredbama Uredbe komisije (EU) 2017/373 kako je zadnje izmijenjena i dopunjena i sa:

- Annex 5 - Mjerne jedinice u uporabi u zračnoj i zemaljskoj operativi
- Annex 10 - Zrakoplovne telekomunikacije
- Doc 8400 - Postupci za Službe zračne plovidbe - ICAO kratice i kodovi (PANS-ABC)
- Doc 8585 - Označitelji zračnih prijevoznika, zrakoplovnih vlasti i službi
- Doc 7030 - Regionalni dodatni postupci
- Doc 7910 - Oznake mjesta
- Doc 4444 - Pravila letenja i Službe zračnog prometa
- Doc 8259 - Priručnik za planiranje i projektiranje nepokretnih zrakoplovnih mreža
- Doc 8071 - Priručnik o provjeri radionavigacijskih uređaja
- EUR Doc 020 - AMHS Manual
- EUR Doc 021 - ATS Messaging Management Manual

GEN 3.4.2 PODRUČJE ODGOVORNOSTI

Hrvatska kontrola zračne plovidbe d.o.o. odgovorna je za pružanje usluge, te ugradnju i operativni rad civilnih komunikacijskih i radionavigacijskih sredstava u dijelu ENR.

GEN 3.4.3 VRSTE USLUGE

GEN 3.4.3.1 Radionavigacijske usluge

Dopuštena odstupanja radionavigacijskih sredstava su sukladna propisima ICAO Aneksa 10.

Na raspolaganju su sljedeće vrste radionavigacijskih sredstava:

- Lokator (L);
- LF/MF neusmjereni radiofar (NDB);
- Sustav za instrumentalno slijetanje (ILS);
- VHF svesmjerni radiofar (VOR);
- Daljinomjer (DME);
- VHF Marker (MKR);
- Primarni nadzorni radar (PSR);
- Sekundarni nadzorni radar (SSR);
- Monopulsni sekundarni nadzorni radar (MSSR).

Svi radionavigacijski uređaji su dvostruki i imaju rezervno napajanje.

Za maksimalno vrijeme prebacivanja na rezervni predajnik uzima se vrijeme prebacivanja na rezervni sustav napajanja, a za navigacijski uređaji koji se koriste za prilaz u uvjetima smanjene vidljivosti to vrijeme mora biti unutar dopuštenih granica propisanih u ICAO Aneksu 10, Svezak I; ako ta vremena ne zadovoljavaju propisane kriterije, maksimalno vrijeme prebacivanja na rezervni sustav bit će objavljeno kao primjedba u AD dijelu odgovarajućeg aerodroma pod točkom AD 2.19.

Radionavigacijska sredstva se za vrijeme održavanja ne mogu koristiti u navigacijske svrhe.

Područje pokrivanja radionavigacijskih uređaja određeno je dometom, kako je naznačeno u ENR 4 Radionavigacijska sredstvauređaji/sustavi.

Točka promjene frekvencije između dva radionavigacijska uređaja na ruti, ako nije drugačije objavljeno, nalazi se napola puta između ta dva uređaja ili u točki promjene smjera. Hrvatska kontrola zračne plovidbe d.o.o. redovno obavlja provjeru i kalibriranje radionavigacijskih uređaja na zemlji i iz zraka.

GEN 3.4.3.2 Pokretna/nepokretna veza

GEN 3.4.3.2.1 Pokretna veza

ATS jedinice održavaju neprestani nadzor na svojim utvrđenim frekvencijama tijekom objavljenog radnog vremena, osim ako nije drugačije naznačeno, no letovi na malim visinama u planinskim područjima mogu iskusiti poteškoće pri uspostavljanju i održavanju radio komunikacije s relevantnim ATS jedinicama o

VHF oprema (predajnik i prijamnik) koja se koristi u zrakoplovnom frekvencijskom pojasu (118.000 - 137.000 MHZ) mora biti u skladu sa zahtjevima propisanim u ICAO Aneksu 10, Svezak III, Dio II, Poglavlje 2.

Naziv postaje/ oznaka mjesta	Vrsta i učestalost opažanja / oprema za automatsko opažanje	Vrste MET izvješća raspoloživost TREND prognoza	Sustav motrenja i položaj(i)	Vrijeme rada	Klimatološke informacije
1	2	3	4	5	6
ZAGREB/Franjo Tuđman LDZA	Polusatna i specijalna opažanja	METAR MET REPORT SPECIAL TREND	RWY 04/22 3 transmisiometra (TDZ, MID,END) 3 vizibilimetra (TDZ, MID, END) 2 senzora meteoroloških pojava (TDZ 04, TDZ 22) 2 anemometra (TDZ 04, TDZ 22) 2 silometra (MM 04, MM 22) 1 uređaj za daljinsko očitavanje temperature i vlage (TDZ 04) 2 kamere (TDZ 04, TDZ 22)	H24	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev
PULA LDPL	Polusatna i specijalna opažanja	METAR MET REPORT* SPECIAL* TREND**	RWY 09/27 2 anemometra (TDZ 09, TDZ 27) 1 silometar (MM 27) 2 uređaja za daljinsko očitavanje temperature i vlage (TDZ 27, MID) 2 vizibilimetra (TDZ 27, MID) 2 senzora meteoroloških pojava (TDZ 27, MID) 1 indikator sijevanja (MID) 2 kamere (TDZ 27, LOC 27)	H24 *AD HR SER **2 sata prije AD HR SER i AD HR SER	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev
SPLIT/Kaštela LDSP	Polusatna i specijalna opažanja	METAR MET REPORT* SPECIAL* TREND** AUTO METAR***	RWY 05/23 2 anemometra (TDZ 05, TDZ 23) 1 silometar (MM 05) 1 uređaj za daljinsko očitavanje temperature i vlage (TDZ 05) 1 vizibilimetar (TDZ 05) 1 senzor meteoroloških pojava (TDZ 05) 1 indikator sijevanja (MID)	H24 *AD HR SER **2 sata prije AD HR SER i AD HR SER *** izvan AD HR SER	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev
DUBROVNIK/ Ruđer Bošković LDDU	Polusatna i specijalna opažanja	METAR MET REPORT* SPECIAL* TREND**	RWY 11/29 1 vizibilimetar (TDZ 11) 2 anemometra (TDZ 11, TDZ 29) 1 silometar (MM 11) 1 uređaj za daljinsko očitavanje temperature i vlage (TDZ 11)	H24 *AD HR SER **2 sata prije AD HR SER i AD HR SER	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev

Naziv postaje/ oznaka mjesta	Vrsta i učestalost opažanja / oprema za automatsko opažanje	Vrste MET izvješća raspoloživost TREND prognoza	Sustav motrenja i položaj(i)	Vrijeme rada	Klimatološke informacije
1	2	3	4	5	6
ZADAR/Zemunik LDZD	Polusatna i specijalna opažanja	METAR MET REPORT* SPECIAL* TREND**	RWY 13/31 1 vizibilimetar (TDZ 13) 2 anemometra (TDZ 13, TDZ 31) 1 silometar (MM 13) 1 uređaj za daljinsko očitavanje temperature i vlage (TDZ 13) 2 kamere (TDZ 13, LOC 13) RWY 04/22 1 anemometar (TDZ 04)	H24 *AD HR SER **2 sata prije AD HR SER i AD HR SER	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev
RIJEKA/Krk I. LDRI	Polusatna i specijalna opažanja	METAR MET REPORT* SPECIAL*	RWY 14/32 2 anemometra (TDZ 14, TDZ 32) 1 uređaj za daljinsko očitavanje temperature i vlage (TDZ 14) 2 kamere (TDZ 14, LOC 14)	H24 *AD HR SER	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev
OSIJEK/Klisa LDOS	Polusatna i specijalna opažanja	METAR MET REPORT* SPECIAL*	RWY 11/29 2 anemometra (TDZ 11, TDZ 29) 1 uređaj za daljinsko očitavanje temperature i vlage (TDZ 29) 2 kamere (LOC 29, LOC 11)	H24 *AD HR SER	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev
LOSINJ/Lošinj I. LDLO	Polusatna i specijalna opažanja	METAR MET REPORT SPECIAL	RWY 02/20 1 anemometar (300 M FM THR 02) 1 uređaj za daljinsko očitavanje temperature i vlage (300 M FM THR 02)	ATS HR SER	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev
BRAČ/Brač I. LDSB	Polusatna i specijalna opažanja	METAR MET REPORT SPECIAL	RWY 03/21 2 anemometra (TDZ 03, TDZ 21) 1 uređaj za daljinsko očitavanje temperature i vlage (TDZ 21)	ATS HR SER	Aerodromske klimatološke tablice i sažeci raspoloživi na zahtjev
AUTO METAR: AUTO METAR izvješće izrađuje se i distribuira van vremena otvorenosti zračne luke i ima sljedeće karakteristike: Sadržaj izvješća parametrima odgovara sadržaju METAR izvješća prema ICAO Annex 3, s iznimkama: • Ne izvještava se tip naoblake (TCU, CB), • Ne izvještavaju se dopunske informacije o smicanju vjetra Ukoliko nije detektirana nikakva naoblaka od strane sustava, u AUTO METAR izvještaju, umjesto korištenja kratice: • NSC (no significant cloud) koristi se sljedeća kratica: • NCD (no cloud detected). AUTO METAR izvješće izrađuje se u potpunosti prema podacima instrumentalnih mjerenja na određenim lokacijama i rezultatima računalnih algoritama, te ne uključuje nikakav podatak motren ili mjeren od strane čovjeka.					

ENR 4 RADIONAVIGACIJSKA SREDSTVA/SUSTAVI

ENR 4.1 RADIONAVIGACIJSKA SREDSTVA - NA RUTI

Naziv postaje (VOR/VAR)	ID	Frekvencija (CH)	Vrijeme rada	Koordinate odašiljačke antene	ELEV DME antene	Napomene
1	2	3	4	5	6	7
BARNA VOR/DME (4°E/2019)	VBA	117.4 MHZ (CH 121X)	H24	454452.08N 0170848.29E	576 FT	Pokrivenost 80 NM osim između 114° - 159° QDR. Nezadovoljavajuća gustoća snage DME antene zbog terena (profil leta: orbitalni let, radijus 40 NM, 5000 FT QNH) FRA (AD): LDZA; FRA (I)
BRAC DME	BRC	(CH 101Y)	H24	431656.93N 0163720.83E	2564 FT	Pokrivenost 80 NM
CEPIN L	CE	372 KHZ	H24	453142.33N 0183336.18E		Pokrivenost 25 NM
CRES NDB	CRE	433 KHZ	H24	445410.37N 0142459.57E		Pokrivenost 50 NM FRA (A): LDLO, LDRI; FRA (D): LDRI; FRA (I)
DUBROVNIK VOR/DME (4°E/2019)	DBK	115.4 MHZ (CH101X)	H24	423313.84N 0181638.79E	550 FT	Coverage 80 NM -unusable between QDR 057°-073° MRA at 40 NM: QDR 179°-300° 3000 FT FRA (I)
JAPETIC DME	JAP	(CH 123Y)	H24	454440.18N 0153629.45E	2927 FT	Pokrivenost 80 NM
LOSINJ VOR/DME (4° E/2019)	NTL	117.350 MHZ (CH 120Y)	H24	443359.44N 0142327.79E	190 FT	Coverage 80 NM, except between QDR 330° -120° where coverage is 40 NM. MRA at 40 NM: QDR 020°-120° 10000 FT QDR 120°-330° 5000 FT QDR 330°-020° 12000 FT
LOSINJ DME	LSJ	(CH 21Y)	H24	443057.23N 0142927.66E	722 FT	Pokrivenost 80 NM
LOSINJ NDB	LOS	429 KHZ	H24	443137.55N 0142822.25E		Range 50 NM FRA (A): LDPL, LDRI, LDZD; FRA (D): LDPL; FRA (I)
LUKAVEC DME	LUK	(CH 35Y)	H24	454125.96N 0155932.90E	471 FT	Pokrivenost 80 NM, osim smanjene pokrivenosti između QDR 341°-357°

Naziv postaje (VOR/VAR)	ID	Frekvencija (CH)	Vrijeme rada	Koordinate odašiljačke antene	ELEV DME antene	Napomene
1	2	3	4	5	6	7
OSIJEK DME	KLS	(CH 29Y)	H24	452758.26N 0184732.16E	314 FT	Coverage 150 NM
PETROVA GORA DME	PTG	(CH 17Y)	H24	451846.05N 0154820.06E	1865 FT	Pokrivenost 150 NM
PISAROVINA NDB	PIS	424 KHZ	H24	453618.10N 0155038.39E		Pokrivenost 50 NM, osim između QDR 339°-049° gdje je pokrivenost 40 NM
PULA VOR/DME (4°E/2019)	PUL	111.25 MHZ (CH 49Y)	H24	445332.52N 0135505.23E	215 FT	Pokrivenost 100 NM osim između QDR 309° - 024°: nezadovoljavajuća gustoća snage zbog terena (Profil leta: Orbit flight, radijus 40NM, 3000FT do 6500FT QNH) FRA (A): LDLO, LDRI; FRA (D): LDLO, LDRI; FRA (I)
RIJEKA VOR/DME (4°E/2019)	RJK	117.8 MHZ (CH 125X)	H24	451326.85N 0143401.06E	362 FT	Coverage 60 NM FRA (D): LDPL; FRA (I)
SALI NDB	SAL	421 KHZ	H24	435616.30N 0151005.20E		MRA at 25 NM 4000 FT FRA (A): LDSP; FRA (D): LDZD; FRA (I)
SPLIT VOR/DME (4°E/2019)	SPL	115.7 MHZ (CH 104X)	H24	432947.69N 0161817.00E	734 FT	Coverage 100 NM FRA (A) LDSB, LDZD; FRA (D): LDSB, LDSP, LDZD; FRA (I)
SPLIT DME	IST	(CH 42X)	H24	433157.61N 0161720.86E	133 FT	Coverage 75 NM
TOUNJ NDB	TNJ	316 KHZ	H24	451453.22N 0152101.25E		Coverage 21 NM Military use.
VRSAR NDB	VRS	369 KHZ	H24	451236.66N 0133856.31E		Range 25 NM
ZADAR VOR/DME (4°E/2019)	ZDA	108.6 MHZ (CH 23X)	H24	440543.16N 0152151.22E	279 FT	Range 100NM except in sectors QDR 334°-044° clockwise and QDR 124°-274° clockwise where coverage is reduced due to terrain FRA (D): LDSP; FRA (I)
ZAGREB VOR/DME (4°E/2019)	ZAG	113.7 MHZ (CH84X)	H24	455344.01N 0161824.11E	420 FT	Range 100 NM FRA (D): LDZA; FRA (I)

ENR 4.4 OZNAKE KODNIM IMENIMA ZNAČAJNIH TOČAKA

Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
ABLAT	452326N 0133734E	P28	FRA (AD): LJPZ
ADULA	451614N 0183831E	M19, P10	SID: LDOS RWY 11/29 STAR: LDOS RWY 11/29 IAP: LDOS RWY 11 FRA (AD): LDOS; FRA (I)
AIOSA	415542N 0171454E	L862, P748	LDDU STAR 29 FRA (EX) - Even FLs for all entering aircraft, Odd FLs for all exiting aircraft
ALIVO	453124N 0144421E	P151	LDRI SID 14 LDRI SID 32 FRA (D): LDRI; FRA (I) FRA (EX): 7500 FT AMSL - FL 205
AMOLU	433047N 0155458E		LDSP STAR
AMUGO	423239N 0173502E	L611, M169	LDDU SID 11 LDDU SID 29 LDDU STAR 11/29 FRA (AD): LDDU; FRA (I)
ANAKO	435129.8N 0152730.2E		STAR: LDZD RWY 31 IAP: LDZD RWY 31
ARMIX	452857N 0141604E	Y560	FRA (I) FRA (X): 7500 FT AMSL - FL 205
ASPUN	451949N 0184218E		STAR: LDOS RWY 29 IAP: LDOS RWY 29
BABAG	452313N 0130737E	N606	
BAMRO	432112N 0163648E		LDSP SID
BAPEK	453820.0N 0155439.7E		LDZA IAP 04
BAREB	454446N 0182448E	Q571, P10	LDOS SID 11/29 FRA (EX) - Even FLs for all exiting aircraft, Odd FLs for all entering aircraft
BAXON	442459N 0132747E		FRA (X) - Odd FLs for all exiting aircraft
BEDOX	461558N 0154934E		FRA (I)
BEPTU	440115.0N 0154124.7E		STAR: LDZD RWY 31 IAP: LDZD RWY 31
BEVIS	415558N 0181140E	Z748	LDDU SID 11 LDDU SID 29 LDDU STAR 11/29 FRA (EX) - Even FLs for all entering aircraft, Odd FLs for all exiting aircraft

Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
BIMSI	445542.4N 0143954.3E		LDRI IAP 32 LDRI STAR 32
BUGEV	452756N 0134624E	M167	FRA (EX): 7500 FT AMSL - FL 135
BURQE	442526.2N 0141853.5E		SID: LDLO RWY 20 IAP: LDLO RWY 02
BUSET	453006N 0141327E		FRA (I)
CRAYE	413010N 0180745E	N138, Q482, Z636, Z748	
DABAR	445556N 0151613E	L862, P11	FRA (I)
DAFRO	431226.9N 0163616.5E		LDSB IAP 03
DARZA	452942N 0150026E	L868	FRA (A): LJLJ; FRA (I) FRA (EX): 7500 FT AMSL - FL 205
DEPET	444044N 0155810E	N748	FRA (I)
DEVUL	450749N 0162628E		FRA (I)
DEXIS	432647.7N 0160757.0E		LDSP IAP 05
DIDEX	455147.3N 0161508.0E		LDZA IAP 22
DIGOT	442324N 0154004E	L862, N748	FRA (I)
DINKO	440133.9N 0151632.0E		IAP: LDZD RWY 04
DIXUM	432945N 0171158E		FRA (I)
DOPUT	424410N 0175357E		LDDU SID 29
EBITA	442306N 0144609E	N606	SID: LDLO RWY 02; LDLO RWY 20 FRA (D): LDLO; FRA (I)
EDADI	435500.1N 0152257.8E		STAR: LDZD RWY 13 IAP: LDZD RWY 13
EDUGI	434727.78N 0141020.30E		FRA (X)
EKSON	453227.7N 0154548.4E		LDZA IAP 04, IAP 22 LDZA STAR 04
ELGUS	433252N 0145800E	M730, N748	STAR: LDZD RWY 04, LDZD RWY 13, LDZD RWY 31 FRA (A) LDZD; FRA (I)
ERASO	423345.7N 0175547.1E		LDDU IAP 11 LDDU STAR 11

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

Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
JARBO	430451N 0161554E		LDSP IAP RWY 05/23
KATTI	423028N 0160256E	M169	FRA (EX) - Odd FLs for all entering aircraft, Even FLs for all exiting aircraft
KEMIX	431842N 0155527E		LDSP IAP 05 LDSP SID 23 LDSP STAR LDSB STAR
KENEM	433800N 0165648E	Y88	LDSP SID 05; SID 23 LDSP STAR 05 LDSP STAR 23 FRA (AD): LDSP; FRA (I)
KOFER	415538N 0183949E	L611	FRA (D): LYTV; FRA (I)
KOHOD	444528.7N 0142055.9E		SID: LDLO RWY 02 STAR: LDLO RWY 20 IAP: LDLO RWY 20
KONAS	450012.5N 0133646.7E		LDPL IAP 09 LDPL STAR 09
KONUV	422609N 0182612E		FRA (I)
KOPRY	461425N 0165746E	M986	LDZA SID 04/22 FRA (EX) - Even FLs for all entering aircraft, Odd FLs for all exiting aircraft
KOREX	444616N 0154609E	L615	FRA (I)
KOTOR	452628N 0153420E	M986, T742	LDZA SID/STAR 04/22 FRA (AD): LDZA; FRA (I)
KUDUL	444011N 0150355E	L614	STAR: LDZD RWY 04, LDZD RWY 13/31 FRA (A); LDZD; FRA (I)
KULEN	450955N 0150801E	L868, M986, Y88	LDPL STAR 09/27 LDRI STAR 14/32 FRA (A): LDPL, LDRI; FRA (I)
KUPQA	453553.8N 0155058.8E		LDZA IAP 04
KUSIB	450853N 0162818E		FRA (I)
KUTIG	452605.5N 0183035.9E		LDOS IAP 11 LDOS STAR 11
LABIN	445909N 0130529E	L614	SID: LDLO RWY 02/20; STAR: LDLO RWY 02/20; LDPL RWY 09/27 FRA (EX) - Odd FLs for all entering aircraft, Even FLs for all exiting aircraft
LAKIK	453608N 0180551E	Q571, P735	LDOS STAR 11 LDOS SID 29 FRA (AD): LDOS; FRA (I)
LANIR	444700.8N 0141626.9E		LDPL IAP 27 LDPL STAR 27

Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
LAPOV	450015N 0190544E	Z34	
LASDU	424701N 0170854E	L611	LDDU SID 29 FRA (D): LDDU; FRA (I)
LASUL	432035N 0161256E		LDSP IAP 23 LDSP STAR 23
LEBDI	441303.8N 0151152.9E		IAP: LDZD RWY 13
LEVPA	435957.9N 0152937.4E		IAP: LDZD RWY 31
LEZZA	442313.8N 0142640.5E		STAR: LDLO RWY 02 IAP: LDLO RWY 02
LOKDI	412942N 0182022E	Q482	
LOKRU	422055N 0175608E	L611, P748	LDDU SID 11 LDDU SID 29 LDDU STAR 11/29 FRA (D): LDDU; FRA (I)
LORVI	452948.1N 0184050.9E		LDOS IAP 11
LUKAV	442126N 0150027E		STAR: LDZD RWY 13 IAP: LDZD RWY 13
LULUD	455033.13N 0154059.73E		LDZA STAR FRA (A): LDZA FRA (X): 7500 FT AMSL - FL 205
LURID	450806N 0172358E	L603	FRA (I)
MADOS	423609N 0181457E	L187	LDDU SID 11 LDDU SID 29 FRA (D): LDDU FRA (I)
MAGAM	455822N 0154211E	P735	FRA (A): LJJJ; FRA (I) FRA (EX): 7500 FT AMSL - FL 205
MAZEV	422912N 0181807E		LDDU VAC RWY 29
MIJJA	442920.0N 0142102.3E		IAP: LDLO RWY 02
MINTU	442024N 0144144E	Y88	STAR: LDLO STAR RWY 02/20; LDZD RWY 04, LDZD RWY 13/31 IAP: LDLO RWY 02/20 FRA (A): LDLO, LDZD; FRA (I)
MODMU	430848.2N 0155520.2E		LDSP STAR 05
MOKUN	422701N 0182848E	L187	LDDU SID 11 LDDU SID 29 LDDU STAR 11/29 FRA (AD): LDDU; FRA (I)
MONFA	452914N 0131645E	M859	

Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
MOSAV	453331N 0165557E	N131	LDZA SID 04/22 FRA (D): LDZA; FRA (I)
NAKIT	451117N 0132652E	L615, T742	LDRI SID 14 LDRI SID 32 FRA (D): LDRI; FRA (I)
NASSY	452648N 0180559E	Q571, M19	LDOS STAR 11/29, IAP 29 FRA (A): LDOS; FRA (I)
NEDID	442620.2N 0150725.4E		IAP: LDZD RWY 13
NEGVI	452004.7N 0142652.0E		LDRI IAP 14
NEKIN	462425.80N 0164212.15E		LDZA STAR
NEMEK	453429N 0151753E		FRA (I)
NERRA	425419N 0173236E	L607, P10	LDDU SID 29 LDDU STAR 11/29 FRA (A): LDDU; FRA (I)
NETKO	430230N 0173942E	P10	FRA (AD): LQMO; FRA (I)
NIGDO	450102.6N 0141554.4E		LDPL IAP 27 LDPL STAR 27
NIKOL	441319N 0134110E	M178	LDLO SID/STAR FRA (E) - Even FLs for all entering aircraft
NIVES	451326N 0155427E	Y137	LDZA SID 04/22 FRA (D): LDZA; FRA (I)
NOBRU	441632.4N 0145328.9E		STAR: LDZD RWY 13 IAP: LDZD RWY 13
NOVLO	451346N 0165711E	L196, L604	FRA (I)
NUPSO	440803N 0155108E	L862	LDSP STAR 05, STAR 23 FRA (A): LDSP FRA (I)
NURAT	432640.8N 0162019.6E		LDSP IAP 23
NUSKA	450536.6N 0144154.7E		LDRI IAP 32
OBALA	445513N 0145821E	L615, P11	LDPL SID 09 LDPL SID 27 FRA (D): LDPL; FRA (I)
OBUTI	462242N 0161627E	L187, M19	LDZA SID 04/22 FRA (A): LOWW; FRA (D): LDZA; FRA (I) FRA (EX): 4500 FT AMSL - FL 205
ODOKA	455801.1N 0161340.1E		LDZA IAP 22 LDZA STAR 22
OKLAX	435203N 0160234E	L862	LDSP STAR 05, STAR 23 FRA (I)

Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
OKROV	431848.1N 0154153.1E		LDSP STAR 05
OLEGU	422906.1N 0180754.0E		LDDU IAP 29 LDDU STAR 29 LDDU VAC RWY 29
ORAKA	423213N 0171202E	M169, N138	LDDU STAR 11/29 LDDU SID 29 LDSB STAR 03/21 LDSP SID 05/23 LDSP STAR 05 FRA (A): LDSB FRA (AD): LDDU, LDSP; FRA (I)
ORVAT	432948N 0171256E	Y128	FRA (I)
OSDUK	454714.91N 0180800.97E		LDOS STAR 11 FRA (E) - Odd FLs for all entering aircraft
OSGOL	432229N 0160332E		LDSP STAR/IAP 23
OSTAK	440331.0N 0150557.8E		STAR: LDZD RWY 04 IAP: LDZD RWY 04
PALEZ	443430N 0153159E	L614, L862, Y137	SID: LDZD RWY 04/22, LDZD RWY 13/31 FRA (D): LDZD; FRA (I)
PEMUD	450247.1N 0150218.3E		LDRI IAP 32 LDRI STAR 32
PEPIM	444611.0N 0133727.0E		LDPL IAP 09 LDPL STAR 09
PERIP	430515.3N 0165031.1E		LDSB IAP 03/21 LDSB STAR 03/21
PEROT	452402N 0190046E	P735	LDOS SID 11/29 FRA (D): LDOS; FRA (I)
PETOV	461835N 0155834E	L604, M725	LDZA SID/STAR 04/22 FRA (A): LDZA, LJMB; FRA (D): LJMB; FRA (I) FRA (EX): 5500 FT AMSL - FL 205
PEVAL	451841N 0131451E	N606	LDPL SID 09 LDPL SID 27 FRA (EX) - Odd FLs for all entering aircraft, Even FLs for all exiting aircraft
PEVON	433331N 0170224E	Z924	FRA (I)
PILAP	424313.8N 0175151.5E		LDDU IAP LDDU STAR 11
PIXAL	451318N 0163316E	N748	FRA (I)
PODET	461017N 0153736E	L603	LDZA SID 04/22 FRA (D): LDZA; FRA (I) FRA (EX): 7500 FT AMSL - FL 205

Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
PUQQI	442738.0N 0141105.9E		STAR: LDLO RWY 02 IAP: LDLO RWY 02
RASIN	460525N 0164031E	M19, M986	LDZA SID 04 FRA (D): LDZA; FRA (I)
RASTU	445632N 0154436E	P11, Y137	FRA (I)
RAVNA	443149N 0145130E	L607	SID: LDZD RWY 04/22, LDZD RWY 13/31 FRA (D): LDZD; FRA (I)
REMPI	434412N 0164922E	L5	LDSP SID 05 LDSP SID 23 FRA (D): LDSP; FRA (I)
RERNA	455735.6N 0162402.7E		LDZA IAP 22 LDZA STAR 22
RIGVA	421614N 0181422E	Z748	LDDU SID 11
RILIM	423931N 0164856E	L862	LDSB STAR 03/21 LDSP SID 05, SID 23 LDSP STAR 05 LDSP STAR 23 FRA (A): LDSB; FRA (AD): LDSP; FRA (I)
RILNO	431800N 0162121E		LDSP STAR/IAP 23
RIMUG	435413.2N 0152027.8E		STAR: LDZD RWY 04 IAP: LDZD RWY 04
RODGO	435622.6N 0153426.9E		STAR: LDZD RWY 31 IAP: LDZD RWY 04, LDZD RWY 31
ROGOV	433113N 0154359E		LDSP SID/STAR
ROLBA	455025N 0153918E		FRA (I)
RORKA	432918.0N 0162331.0E		LDSP IAP 23 LDSP VAC
ROTAR	451546N 0125944E	L615, M167, P11	LDPL STAR LDRI STAR 14 FRA (EX) - Odd FLs for all entering aircraft, Even FLs for all exiting aircraft
RUDIK	445948N 0161818E	M725, N748	LDZA STAR 04/22 FRA (A): LDZA; FRA (I)
RUGOG	451641N 0151845E	M986	LDRI SID 14 LDRI SID 32; LDRI STAR 14/32 FRA (AD): LDRI; FRA (I)
SABAD	452757N 0145203E	L862	FRA (A): LJLJ; FRA (I) FRA (EX): 7500 FT AMSL - FL 205
SAJLO	432005.0N 0164336.8E		LDSB IAP 21
SATOL	434622N 0155230E		LDSP SID

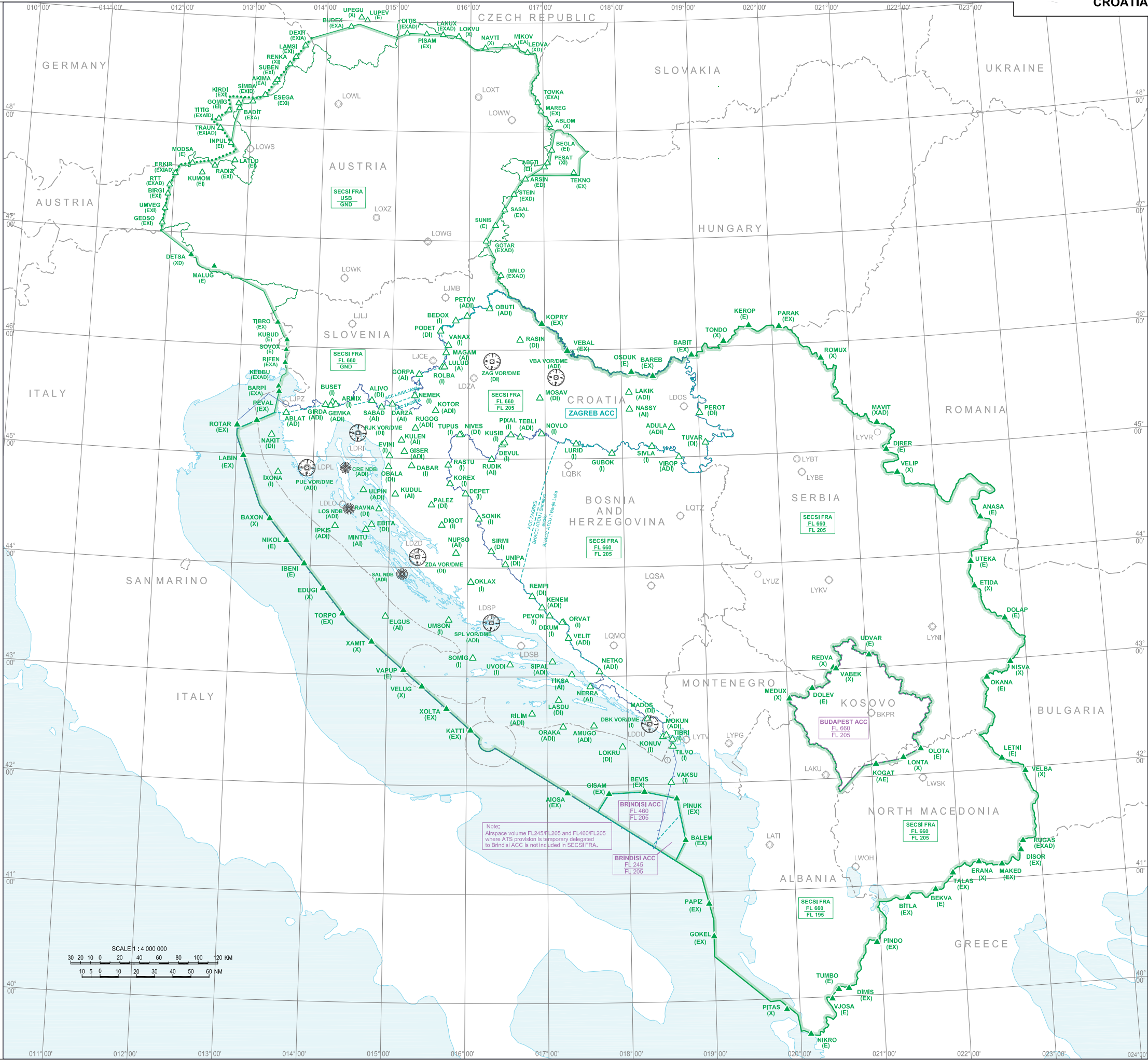
Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
SIPAL	430812N 0170425E	L607	LDDU STAR 11, STAR 29 LDSB SID/STAR 03/21 LDSP SID 05, SID 23 LDSP STAR 05 LDSP STAR 23 FRA (A): LDDU FRA (AD): LDSB, LDSP; FRA (I)
SIRMI	440900N 0161813E	M725	LDSP SID 05 LDSP SID 23 FRA (D): LDSP; FRA (I)
SITPA	445350.7N 0140636.9E		LDPL IAP 27
SIVLA	450607N 0182254E	L863	FRA (I)
SOGRA	435350.2N 0150702.6E		STAR: LDZD RWY 04 IAP: LDZD RWY 04, LDZD RWY 13, LDZD RWY 31
SOMIG	431014N 0160426E	M725, Z924	FRA (I)
SONIK	442654N 0160836E	L614	FRA (I)
SORDO	452255.7N 0141021.7E		LDRI IAP 14 LDRI STAR 14
TAFNI	453215.6N 0155551.9E		LDZA IAP 04 LDZA STAR 04
TEBLI	451205N 0164033E	L187	LDZA SID/STAR 04/22 FRA (A): LDZA, LQBK; FRA (D): LDZA, LQBK; FRA (I)
TEPKO	414427N 0182541E	Z636	
TIBRI	422438N 0183315E	L187	FRA (I)
TIKSA	430103N 0171852E	L607, Y128	LDDU STAR 11, STAR 29 FRA (A) LDDU FRA (I)
TILVO	422046N 0183327E		FRA (I)
TINBO	454903.8N 0162538.1E		LDZA IAP 22 LDZA STAR 22
TORPO	433351N 0142529E	M730	LDSP SID 05/23 LDSP STAR 05/23 FRA (EX) - Odd FLs for all entering aircraft, Even FLs for all exiting aircraft
TULOF	444103.3N 0143634.6E		SID: LDLO RWY 02 STAR: LDLO RWY 02/20 IAP: LDLO RWY 20
TUPUS	451315N 0155323E		FRA (I)

Oznaka kodnim imenom	Koordinate	ATS rute ili druge rute	Napomene
1	2	3	4
TUVAR	450736N 0190439E	M19, P11	LDOS SID 11/29 FRA (D): LDOS / LYBE; FRA (I)
UGGIR	455412.2N 0161850.0E		LDZA IAP 22
ULPIN	444213N 0143914E	L607, M986	SID: LDLO RWY 02/20 STAR: LDLO RWY 02/20 IAP: LDLO RWY 02 FRA (AD): LDLO; FRA (I)
UMBEK	453240N 0132511E	M859	
UMSON	433109N 0154603E	L611, M730	FRA (I)
UNIPA	440146N 0162858E	L196	LDSP SID 05 LDSP SID 23 FRA (D): LDSP; FRA (I)
UVODI	430639N 0163231E	L611, L862	FRA (I) LDSB STAR
VAKSU	420051N 0183137E	L611	FRA (I)
VANAX	460228N 0154353E		FRA (I)
VAPUP	430321N 0151220E	L5	LDSP STAR 05 LDSP STAR 23 FRA (E) - Odd FLs for all entering aircraft
VEBAL	455929N 0171748E	L196	LDZA STAR 04/22 FRA (EX) - Even FLs for all entering aircraft, Odd FLs for all exiting aircraft
VELIT	432106N 0171638E	M730	LDSP SID 05, SID 23 LDSP STAR 05 LDSP STAR 23 FRA (AD): LDSP, LQMO; FRA (I)
VELUG	425427N 0152615E	Z924	LDSP SID 05 LDSP SID 23 FRA (X) - Even FLs for all exiting aircraft
VIBOP	445957N 0184339E	P10, P11, Z34	FRA (AD): LQTZ; FRA (I)
XAMIT	431842N 0144752E	N748	FRA (X) - Odd FLs for all exiting aircraft
XOLTA	424214N 0154454E		FRA (EX) - Even FLs for all entering aircraft, Odd FLs for all exiting aircraft

FREE ROUTE AIRSPACE
ZAGREB FIR
FL 660
FL 205
SECSI FRA
Effective date: 22 FEB 2024

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

LEGEND	
FRA boundary	
FIR boundary	
Boundaries (International)	
Cross border FRA operations	
FRA relevance	E - entry X - exit A - arrival D - departure I - intermediate
Reporting point	on - request compulsory
Compulsory reporting point PEVAL to entry/exit FRA	PEVAL (EX)
VOR/DME	ZAG VOR/DME (DI)
Non-directional radio beacon (NDB)	CRE NDB (ADI)
Airport	LDSP
Joint civil and military airport	LDZD
① Temporary border of the territorial sea according to the 2002 Protocol. Copyright © HHI	



Note:
Airspace volume FL245/FL205 and FL460/FL205
where ATS provision is temporary delegated
to Brindisi ACC is not included in SECSI FRA.

CHANGE: FRA relevance for points: EBITA, GISER, MINTU, RASIN; Editorial.

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LDLO AD 2.7 PROCJENA I IZVJEŠĆIVANJE O STANJU POVRŠINE UZLETNO-SLETNE STAZE I PLAN POSTUPANJA U SLUČAJU SNIJEGA

1	Vrste opreme za čišćenje	NIL
2	Prioriteti čišćenja	NIL
3	Upotreba materijala za obradu operativnih površina	NIL
4	Posebno pripremljene zimske uzletno-sletne staze	NIL
5	Napomene	NIL

LDLO AD 2.8 PODACI O STAJANKAMA, STAZAMA ZA VOŽNJU I MJESTIMA PROVJERE

1	Oznaka, površina stajanke i nosivost	POVRŠINA		NOSIVOST	
		ASPH		PCN 39/F/A/Y/T	
2	Oznaka, širina, vrsta površine i nosivost staze za vožnju	TWY	ŠIRINA (M)	POVRŠINA	NOSIVOST
		TWY A	15	ASPH	PCN 39/F/A/Y/T
		TWY B	15	ASPH	PCN 39/F/A/Y/T
3	Položaj ACL-a i nadmorska visina	Location: At Apron Elevation: 166 FT			
4	Lokacija VOR kontrolnih točaka	NIL			
5	Pozicija INS kontrolnih točaka	Vidi LDLO AD 2.24.2 APDC -1			
6	Napomene	NIL			

LDLO AD 2.9 SUSTAV I OZNAKE ZA VOĐENJE I NADZOR POVRŠINSKOG KRETANJA

1	Upotreba znakova za oznaku parkirališnog mjesta zrakoplova, linije navođenja na stazi za vožnju i vizualni sustav za vođenje pri pristajanju/parkiranju na parkirališnim mjestima zrakoplova	aircraft stand markings, Marshaller
2	Oznake RWY-a, TWY-a i LGT	RWY-02/20: THR, Centre line TWY A centre lines, taxi-holding positions TWY B centre lines, taxi-holding positions
3	Zaustavne prečke	NIL
4	Napomene	NIL

LDLO AD 2.10 AERODROMSKE PREPREKE

Prepreke u području 2: NIL

Obstacles assessed as being hazardous to air navigation					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ type, colour	Remarks
a	b	c	d	e	f
LDLO_02_CI_1	Tree	443416.87N 0142338.82E	184 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_2	Tree	443416.89N 0142339.98E	185 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_3	Tree	443417.70N 0142338.79E	179 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_4	Tree	443415.19N 0142348.02E	167 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_5	Tree	443414.59N 0142350.51E	170 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_6	Tree	443416.93N 0142342.30E	169 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_7	Tree	443417.72N 0142339.95E	185 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_8	Tree	443417.00N 0142343.20E	168 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_9	Tree	443414.62N 0142351.67E	169 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_10	Tree	443416.95N 0142343.46E	169 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_11	Tree	443415.40N 0142349.32E	169 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_12	Tree	443417.74N 0142341.11E	176 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_13	Tree	443415.42N 0142350.48E	169 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_14	Tree	443418.55N 0142339.92E	179 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_15	Tree	443418.57N 0142341.08E	182 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_16	Tree	443425.56N 0142337.79E	197 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_17	Tree	443425.64N 0142342.43E	195 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_18	Tree	443432.27N 0142342.19E	214 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_19	Tree	443432.36N 0142346.83E	217 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_20	Tree	443432.45N 0142351.47E	217 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_21	Tree	443435.59N 0142342.07E	243 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_22	Tree	443435.68N 0142346.71E	244 FT/Nil	Nil	Close-in obstacle

Obstacles assessed as being hazardous to air navigation					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ type, colour	Remarks
a	b	c	d	e	f
LDLO_02_CI_23	Tree	443435.76N 0142351.35E	248 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_24	Tree	443438.91N 0142341.95E	267 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_25	Tree	443435.85N 0142355.99E	236 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_26	Tree	443438.99N 0142346.59E	252 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_27	Tree	443435.93N 0142400.62E	234 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_28	Tree	443439.08N 0142351.23E	259 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_29	Tree	443442.22N 0142341.83E	267 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_30	Tree	443439.16N 0142355.87E	264 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_31	Tree	443442.31N 0142346.47E	265 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_32	Tree	443442.39N 0142351.11E	278 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_33	Tree	443445.54N 0142341.71E	267 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_34	Tree	443442.48N 0142355.75E	274 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_35	Tree	443445.71N 0142350.99E	271 FT/Nil	Nil	Close-in obstacle
LDLO_02_CI_36	Tree	443445.79N 0142355.63E	276 FT/Nil	Nil	Close-in obstacle

Prepreke u području 3: NIL

LDLO AD 2.11 RASPOLOŽIVE METEOROLOŠKE INFORMACIJE

1	Pridružen MET ured	LOŠINJ
2	Radno vrijeme MET ured izvan radnog vremena	Tijekom radnog vremena ATS-a PULA
3	Ured nadležan za pripremu TAF-a Razdoblja valjanosti	PULA, ZAGREB TAF (24HR) - pokriva radno vrijeme ATS-a
4	Trend prognoza Interval izdavanja	NIL
5	Mogućnosti informiranja/konzultacija	Selfbriefing (URL: https://ib.crocontrol.hr) ili telefonom na +385 52 372521
6	Dokumentacija u svezi leta Korišteni jezik(ci)	- Selfbriefing (URL: https://ib.crocontrol.hr) ili zahtjev na tel.: +385 52 372 520 - hrvatski, engleski

7	Karte i ostali podaci raspoloživi za informiranje ili konzultacije	• Prognoze ICE, TURB i CB • Podaci detekcije sijevanja • Satelitske slike • Radarske slike
8	Dodatni raspoloživi uređaji za pružanje informacija	Telefax URL: https://met.crocontrol.hr
9	ATS jedinice opskrbljene informacijama	Lošinj TWR, Pula APP
10	Dodatne informacije (ograničenja u pružanju usluge, itd.)	NIL

LDLO AD 2.12 FIZIČKE KARAKTERISTIKE UZLETNO-SLETNE STAZE

Oznake RWY-a	TRUE BRG	Dimenzije RWY-a (M)	Nosivost (PCN) i površina RWY-a i SWY-a	COORD THR-a COORD kraja RWY-a Geoidna undulacija THR-a	Nadmorska visina THR-a i najviša nadmorska visina TDZ-a kod RWY-a za precizni prilaz
1	2	3	4	5	6
02	021.58°	900 x 30	39/F/A/Y/T ASPH	443348.41N 0142330.59E NIL 140 FT	THR 129 FT
20	201.58°			443415.16N 0142345.39E NIL 140 FT	THR 146 FT

Oznake RWY-a	Nagib RWY-SWY-a	Dimenzije SWY-a (M)	Dimenzije CWY-a (M)	Dimenzije strip-a (M)	RESA dimenzije (M)
1	7	8	9	10	11
02	Slope of RWY 02/ 20: 2%	NIL	NIL	1050 x 80	NIL
20		NIL	NIL		NIL

Oznake RWY-a	Lokacija i opis sustava zaustavljanja	OFZ	Napomene
1	12	13	14
02	NIL	NIL	Type of RWY: NON-INSTRUMENT. AD AVBL for ACFT up to 27 000 KG MTOM only
20	NIL	NIL	

LDLO AD 2.13 OBJAVLJENE UDALJENOSTI

Oznaka RWY-a	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Primjedbe
1	2	3	4	5	6
02	900	900	900	900	NIL
20	900	900	900	900	NIL

LDLO AD 2.14 PRILAZNA SVJETLA I OSVJETLJENJE UZLETNO-SLETNE STAZE

Oznaka RWY-a	Tip APCH LGT / LEN / INTST	Boja THR LGT / WBAR	Tip VASIS-a (MEHT)	TDZ LGT LEN	Dužina LGT središnje linije RWY-a / razmak / boja / INTST	LGT LEN rub RWY-a/ razmak / boja / INTST	Boja LGT kraja RWY-a / WBAR	SWY LGT LEN (M) / boja	Napomene
1	2	3	4	5	6	7	8	9	10
02	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
20	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LDLO AD 2.15 OSTALA OSVJETLJENJA, SEKUNDARNI IZVORI ELEKTRIČNE ENERGIJE

1	Položaj ABN/IBN, karakteristike i sati rada	NIL
2	Položaj LDI-a i LGT Položaj anemometra i LGT	NIL NIL
3	Osvjetljenje ruba i središnje linije TWY-a	NIL
4	Sekundarni izvor električne energije/vrijeme uključivanja	NIL
5	Primjedbe	NIL

LDLO AD 2.16 PROSTOR ZA SLIJETANJE HELIKOPTERA

1	Koordinate TLOF ili THR od FATO Geoidna undulacija	NIL
2	TLOF i/ili FATO nadmorska visina M/FT	NIL
3	Dimenzije područja TLOF i FATO, površina, nosivost, oznaka	NIL
4	Stvarni i MAG BRG za FATO	NIL
5	Raspoložive objavljene udaljenosti	NIL
6	APP i FATO osvjetljenje	NIL
7	Primjedbe	Pozicije za parkiranje se koriste prema dogovoru sa operatorom zračne luke.

LDLO AD 2.17 ZRAČNI PROSTOR U NADLEŽNOSTI ATS-A

1	Oznaka i bočne granice	CTR Lošinj 444059N 0141533E 444424N 0143558E 443310N 0143921E A circle R=8 NM centered at 443138N 0142822E (LOS NDB) 443004N 0141724E to point of origin
2	Vertikalne granice	2000 FT ALT / GND
3	Klasifikacija zračnog prostora	D
4	Pozivni znak ATS jedinice Jezik(ci)	LOSINJ TWR / LOSINJ TORANJ hrvatski, engleski
5	Prijelazna apsolutna visina	10000 FT MSL
6	Primjedbe	Izvan radnog vremena ATS Lošinj, ATZ Lošinj i RMZ Lošinj su aktivni unutar istih bočnih granica kao CTR, s vertikalnom granicom visine do 1000 FT AGL, klasifikacija zračnog prostora G. REF AD 2.22

LDLO AD 2.18 KOMUNIKACIJSKE SLUŽBE ATS-A

Oznaka službe	Pozivni znak	Frekvencija	Sati rada	Primjedbe
1	2	3	4	5
APP	PULA RADAR	124.600 MHZ	H24	Nil
	PULA RADAR	127.675 MHZ	H24	Nil
	PULA RADAR	121.500 MHZ	H24	EMERG FREQ
Nil	LOSINJ RADIO	120.300 MHZ	Outside TWR OPR HR	Nil
TWR	LOSINJ TOWER / 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 RADIONAVIGACIJSKI I UREĐAJI ZA SLIJETANJE

Vrsta uređaja CAT ILS/MLS (VOR/ILS/MLS VAR)	ID	Frekvencija	Sati rada	Koordinate predajne antene	Nadmorska visina DME predajne antene	Primjedbe
1	2	3	4	5	6	7
VOR/DME (4° E/2019)	NTL	117.350 MHZ CH120Y	H24	443359.44N 0142327.79E	190 FT	Coverage 80 NM, except between QDR 330°-120° where coverage is 40 NM. MRA at 40 NM: QDR 020°-120° 10000 FT QDR 120°-330° 5000 FT QDR 330°-020° 12000 FT
VOR/DME (4°E/2019)	PUL	111.25 MHZ CH49Y	H24	445332.52N 0135505.23E	215 FT	Pokrivenost 100 NM osim između QDR 309°-024°: nezadovoljavajuća gustoća snage zbog terena (Profil leta: Orbit flight, radijus 40NM, 3000 FT do 6500 FT QNH)
VOR/DME (4°E/2019)	ZDA	108.6 MHZ CH23X	H24	440543.16N 0152151.22E	279 FT	Range 100 NM except in sectors QDR 334°-044° clockwise and QDR 124°-274° clockwise where coverage is reduced due to terrain.
DME	LSJ	CH21Y	H24	443057.23N 0142927.66E	722 FT	Pokrivenost 80 NM osim između QDR 044°- 074° u smjeru kazaljke na satu i QDR 104°-114° u smjeru kazaljke na satu, gdje je nezadovoljavajuća i smanjena gustoća snage zbog terena (Profil leta: Orbitalni let, radijus 40 NM, 8000 FT QNH)
NDB	CRE	433 KHZ	H24	445410.37N 0142459.57E		Domest 50 NM
NDB	LOS	429 KHZ	H24	443137.55N 0142822.25E		118°MAG/4.10 NM from LDLO THR 02. Domest 50 NM
NDB	SAL	421 KHZ	H24	435616.30N 0151005.20E		MRA at 25 NM 4000 FT

LDLO AD 2.20 LOKALNI AERODROMSKI PROPISI

Prije ulaska u RMZ zrakoplov u dolasku mora na vrijeme obaviti inicijalni poziv na RMZ FREQ sukladno SERA.6005 (a) (2).

Obveza pilota je najaviti planirani dolazak ili odlazak sa LDLO te svaku promjenu u planu leta najaviti osobno operatoru aerodroma Lošinj, na broj telefona: +385 51 231 666 ili na fax: +385 51 235 148.

Pokretanje motora nije dozvoljeno bez odobrenja aerodromske kontrole leta, to uključuje i VFR letove.

Postupci za zrakoplove u odletu:

Pilot zrakoplova u odlasku, prije ulaska u zrakoplov, obavezan je javiti se telefonom nadležnoj kontroli zračnog prometa (Pula APP +385 52 372 516). Nakon pokretanja motora mora emitirati poruku "u slijepo" svim sudionicima u prometu o svojim namjerama na FREQ Lošinj Radio 120.300 MHZ.

Kretanje po manevarskim površinama prije uzlijetanja:

Odlasci zrakoplova s glavne stajanke:

RWY 20: voziti preko glavne stajanke, a potom TWY A do pozicije za čekanje na TWY A

RWY 02: voziti preko glavne stajanke, a potom TWY B do pozicije za čekanje na TWY B

Kretanje po manevarskim površinama poslije slijetanja:

RWY 02/20: Nakon slijetanja na RWY, ovisno o trenutnoj prometnoj situaciji, zrakoplov napušta istu putem TWY A ili B te vozi po TWY A ili B do glavne stajanke.

UPOZORENJE: Smicanje vjetrova i turbulencija mogu se očekivati u završnom prilazu na RWY 20 u uvjetima jakih jugoistočnih vjetrova.

Uklanjanje onespособljenog zrakoplova s manevarske površine

Postupak uklanjanja zrakoplova će biti koordiniran od strane lokalnog povjerenstva za sigurnost zračnog prometa s Agencijom za istraživanje nesreća u zračnom, pomorskom i željezničkom prometu i vlasnikom opreme koja se koristi za uklanjanje zrakoplova.

Organizacija uklanjanja zrakoplova s manevarske površine je u nadležnosti operatora aerodroma u ovisnosti o tipu zrakoplova, vrsti oštećenja i stupnju oštećenosti.

LDLO AD 2.21 POSTUPCI ZA SMANJENJE BUKE

NIL

LDLO AD 2.22 POSTUPCI TIJEKOM LETA

Svi postupci instrumentalnog prilaza i svi standardni instrumentalni odlasci su obustavljeni izvan radnog vremena ATS-a.

LDLO AD 2.22.1 VFR POSTUPCI TIJEKOM LETA

Obavezna je stalna dvosmjerna radiokomunikacija na FREQ Lošinj TWR 120.300 MHZ.

Za VFR postupke u zoni aerodromskog prometa Lošinj, vidi VFR priručnik Republike Hrvatske.

Izvan radnog vremena ATS-a Lošinj, operator aerodroma osigurava pružanje aerodromskih letnih informacija u potrebnom opsegu.

Odlet

Pilot poslije uzlijetanja, ovisno o trenutnoj prometnoj situaciji, leti preko obveznih odlaznih VFR ruta.

Zrakoplov koji uzlijeće sa nekontroliranog aerodroma najkasnije 5 MIN prije ulaska u kontrolirani zračni prostor mora uspostaviti radiokomunikaciju s nadležnom kontrolom zračnog prometa, Pula APP (pozivni znak Pula Radar).

Odlet zrakoplova koji mijenjaju pravila letenja iz VFR u IFR

Zrakoplov u odlasku sa nekontroliranog aerodroma, a koji nakon polijetanja mijenja pravila letenja iz VFR u IFR, letit će preko obaveznih odlaznih VFR ruta na visini od najviše 1000 FT AGL, te mora uspostaviti radiokomunikacijsku vezu s nadležnom kontrolom zračnog prometa, Pula APP, što je moguće ranije. Nakon toga, u skladu s planom leta (Z-flight plan) i operativnim okolnostima na odgovarajućoj visini (jednakoj ili višoj od minimalne IFR visine) po odobrenju nadležne KZP ulazi u kontrolirani zračni prostor i mijenja pravila letenja iz VFR u IFR.

Postupci za zrakoplove u doletu

Radiokomunikacija s jedinicom Lošinj TWR mora se započeti odmah po odobrenju/uputi nadležne KZP ili najkasnije 5 MIN prije ulaska u CTR Lošinj.

Dolet

Ukoliko se ne uspostavi radiokomunikacija, uz pojačano motrenje i javljanje pozicije "u slijepo" izvršiti ulazak u ATZ Lošinj (nekontrolirani aerodrom) preko obveznih ulaznih VFR ruta (na minimalnoj sigurnosnoj visini ne manjoj od 1000 FT AGL) ili po uputi nadležne KZP te nastaviti let prema aerodromskom prometnom krugu.

Ulazak u aerodromski prometni krug

Visina aerodromskog prometnog kruga je 800 FT AGL.

Ovisno o trenutnoj prometnoj situaciji, uključiti se u odgovarajući aerodromski prometni krug koji je u uporabi ili preletjeti sredinu uzletno-sletne staze okomito na uzdužnu os iste na visini 1000 FT AGL te se ovisno o položaju pokazivača smjera vjetera uključiti u odgovarajući prometni krug.

Dolet zrakoplova koji mijenjaju pravila letenja iz IFR u VFR

Zrakoplov u dolasku, koji leti prema IFR pravilima letenja, nakon prolaska jedne od točaka javljanja NIKOL, IPKIS, MINTU, EBITA, ULPIN, CRE NDB, PUL VOR ili LOS NDB, sukladno planu leta (Y-flight plan), ili najkasnije na minimalnoj IFR visini,

dužan je promijeniti IFR u VFR pravila letenja. O namjeri promjene obavještava nadležnu kontrolu zračnog prometa te sukladno uputi nadležne kontrole zračnog prometa nastavlja let prema jednoj od ulaznih točaka. Ukoliko nisu zadovoljeni minimalni VMC meteorološki uvjeti nastavlja let prema alternativnom aerodromu.

Napomena: Ukoliko se odobrenje i/ili upute nadležne KZP razlikuju od gore opisanih postupaka, pilot zrakoplova je dužan postupiti po dobivenim odobrenjima i/ili uputama sukladno važećem Zakonu o zračnom prometu i Pravilniku o letenju zrakoplova.

Odlet i dolet helikoptera

Svi helikopteri obavljaju vožnju zrakom (air-taxiing) putem istih staza za vožnju i po istim postupcima koji vrijede za motorne zrakoplove, a za polijetanje i slijetanje također koriste isključivo RWY 02/20.

Ograničenja

Nije dopušteno: polijetanje, slijetanje, vožnja i pokretanje motora zrakoplova istovremeno s obavljanjem padobranskih skokova od trenutka ulaska zrakoplova u nalet za skok do doskoka zadnjeg padobranca.

LDLO AD 2.22.2 SID RWY 02

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 is necessary this is indicated in the description of the route.

SID RWY 02				
Designator	Route	After take-off		Remarks
		Climb initially	Contact	
CRE4F	CRES FOUR FOXTROT DEPARTURE Climb straight ahead visually to 1100 FT, then assume standard net climb gradient on track 018°. At or above 2000 FT intercept QDR 350° LOS NDB, climbing to CRE NDB.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross CRE NDB at or above 5000 FT.
EBITA3C	EBITA THREE CHARLIE DEPARTURE Climb straight ahead visually to 1100 FT, then assume standard net climb gradient on track 018°. At 1500 FT, turn RIGHT, on QDM 182° LOS NDB, climbing to LOS NDB. Intercept QDR 120° LOS NDB, climbing to EBITA.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross LOS NDB at or above 3000 FT. Cross EBITA at or above 5000 FT.
IPKIS3C	IPKIS THREE CHARLIE DEPARTURE Climb straight ahead visually to 1100 FT, then assume standard net climb gradient on track 018°. At 1500 FT, turn RIGHT, on QDM 182° LOS NDB, climbing to LOS NDB. Intercept QDR 214° LOS NDB, climbing to IPKIS.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross LOS NDB at or above 3000 FT. Cross IPKIS at or above 5000 FT.
MINTU3C	MINTU THREE CHARLIE DEPARTURE Climb straight ahead visually to 1100 FT, then assume standard net climb gradient on track 018°. At 1500 FT, turn RIGHT, on QDM 182° LOS NDB, climbing to LOS NDB. Intercept QDR 135° LOS NDB climbing to MINTU.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross LOS NDB at or above 3000 FT. Cross MINTU at or above 4000 FT.
NIKOL3C	NIKOL THREE CHARLIE DEPARTURE Climb straight ahead visually to 1100 FT, then assume standard net climb gradient on track 018°. At 1500 FT, turn RIGHT, on QDM 182° LOS NDB, climbing to LOS NDB. Intercept QDR 238° LOS NDB, climbing to NIKOL.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross LOS NDB at or above 3000 FT. Cross NIKOL at or above 5000 FT.
PUL4E	PULA FOUR ECHO DEPARTURE Climb straight ahead visually to 1100 FT, then assume standard net climb gradient on track 018°. At 1500 FT, turn RIGHT, on QDM 182° LOS NDB, climbing to LOS NDB. Cross R-126 PUL (2.5 DME LSJ), turn RIGHT, intercept QDR 309° LOS NDB, climbing to PUL VOR DME.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross PUL VOR DME at or above 5000 FT.
ULPIN3J	ULPIN THREE JULIETT DEPARTURE MNM net climb gradient 7.8% (474 FT/NM) Climb straight ahead visually to 1100 FT, then proceed on track 018°. At 1500 FT, turn RIGHT, on track 100°. At or above 5000 FT, intercept QDR 032° LOS NDB, climbing to ULPIN.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross ULPIN at or above 8000 FT.
ULPIN4K	ULPIN FOUR KILO DEPARTURE MNM net climb gradient 5.0% (304 FT/NM) Climb straight ahead visually to 1100 FT, then proceed on track 018°. At 1500 FT, turn RIGHT, on QDM 182° LOS NDB, climbing to LOS NDB. Cross R-126 PUL (2.5 DME LSJ), turn LEFT, intercept QDR 032° LOS NDB, climbing to ULPIN.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross ULPIN at or above 8000 FT.

LDLO AD 2.22.3 SID RWY 20

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 is necessary this is indicated in the description of the route.

SID RWY 20				
Designator	Route	After take-off		Remarks
		Climb initially	Contact	
CRE4J	CRES FOUR JULIETT DEPARTURE Climb straight ahead. At 1300 FT, turn LEFT climbing to LOS NDB. Cross LOS NDB, turn LEFT, intercept QDR 350° LOS NDB climbing to CRE NDB.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross LOS NDB at or above 3000 FT. Cross CRE NDB at or above 5000 FT
EBITA4D	EBITA FOUR DELTA DEPARTURE Climb straight ahead. At 1300 FT turn LEFT, climbing to LOS NDB. Cross LOS NDB, turn RIGHT, intercept QDR 120° LOS NDB, climbing to EBITA.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross LOS NDB at or above 3000 FT. Cross EBITA at or above 5000 FT.
IPKIS3D	IPKIS THREE DELTA DEPARTURE MNM net climb gradient 6.0% (365 FT/NM) Climb straight ahead. At 1300 FT, turn LEFT on track 164°, intercept QDR 214° LOS NDB, climbing to IPKIS.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross IPKIS at or above 5000 FT
MINTU4D	MINTU FOUR DELTA DEPARTURE Climb straight ahead. At 1300 FT, turn LEFT, climbing to LOS NDB. Cross LOS NDB, turn RIGHT, intercept QDR 135° LOS NDB, climbing to MINTU.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross LOS NDB at or above 3000 FT. Cross MINTU at or above 4000 FT.
NIKOL4D	NIKOL FOUR DELTA DEPARTURE Climb straight ahead. Intercept QDR 238° LOS NDB, climbing to NIKOL.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross NIKOL at or above 5000 FT.
PUL3F	PULA THREE FOXTROT DEPARTURE Climb straight ahead. At 1000 FT turn RIGHT, climbing on track 347°. Intercept R-129 PUL, climbing to PUL VOR DME.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross PUL VOR DME at or above 5000 FT.
ULPIN3L	ULPIN THREE LIMA DEPARTURE Climb straight ahead. At 1300 FT, turn LEFT, climbing to LOS NDB. Cross LOS NDB, intercept QDR 032° LOS NDB, climbing to ULPIN.	4000 FT	After passing 1000 FT, contact Pula Radar on 124.600 MHZ	Cross LOS NDB at or above 3000 FT. Cross ULPIN at or above 8000 FT.

LDLO AD 2.22.4 STAR RWY 02/20

STAR RWY 02/20				
Designator	Route	Descend	Contact	Remarks
CRE4C	CRES FOUR CHARLIE ARRIVAL From CRE NDB proceed on QDM 170° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
ULPIN3G	ULPIN THREE GOLF ARRIVAL From ULPIN proceed on QDM 212° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
EBITA3A	EBITA THREE ALPHA ARRIVAL From EBITA proceed on QDM 300° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
MINTU3A	MINTU THREE ALPHA ARRIVAL From MINTU proceed on QDM 316° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
IPKIS3A	IPKIS THREE ALPHA ARRIVAL From IPKIS proceed on QDM 034° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
NIKOL3A	NIKOL THREE ALPHA ARRIVAL From NIKOL proceed on QDM 057° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		
PUL3C	PULA THREE CHARLIE ARRIVAL From PUL VOR DME proceed on QDM 129° LOS to LOS NDB (MNM ALT 3000 FT) and hold.	As cleared by ATC		

Rezervni uređaj na TWR-u za slučaj potpunog otkaza komunikacije

U slučaju potpunog prekida komunikacije, na TWR Lošinj na raspolaganju je signalna svjetiljka. Piloti trebaju pratiti svjetlosne signale s tornja.

LDLO AD 2.23 DODATNE INFORMACIJE

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

LDLO AD 2.24 POPRATNE KARTE AERODROMA

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

Primjedbe: Svi postupci instrumentalnog prilaza (NDB-a RWY 02/20 ACFT CAT A&B i VOR RWY 02 ACFT CAT A&B) i svi standardni instrumentalni odlasci (RWY 02 i RWY 20) su izvan radnog vremena ATS-a obustavljeni.

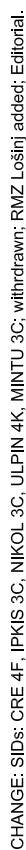
LDLO AD 2.25 PRODIRANJE U POVRŠINU VIZUALNOG SEGMENTA (VSS)

Instrumentalna procedura za letenje	Minimumi	ACFT CAT
RNP RWY 20 (LPV, LNAV/VNAV only)	LNAV/VNAV, LPV	A/B

TRANSITION ALTITUDE
10 000

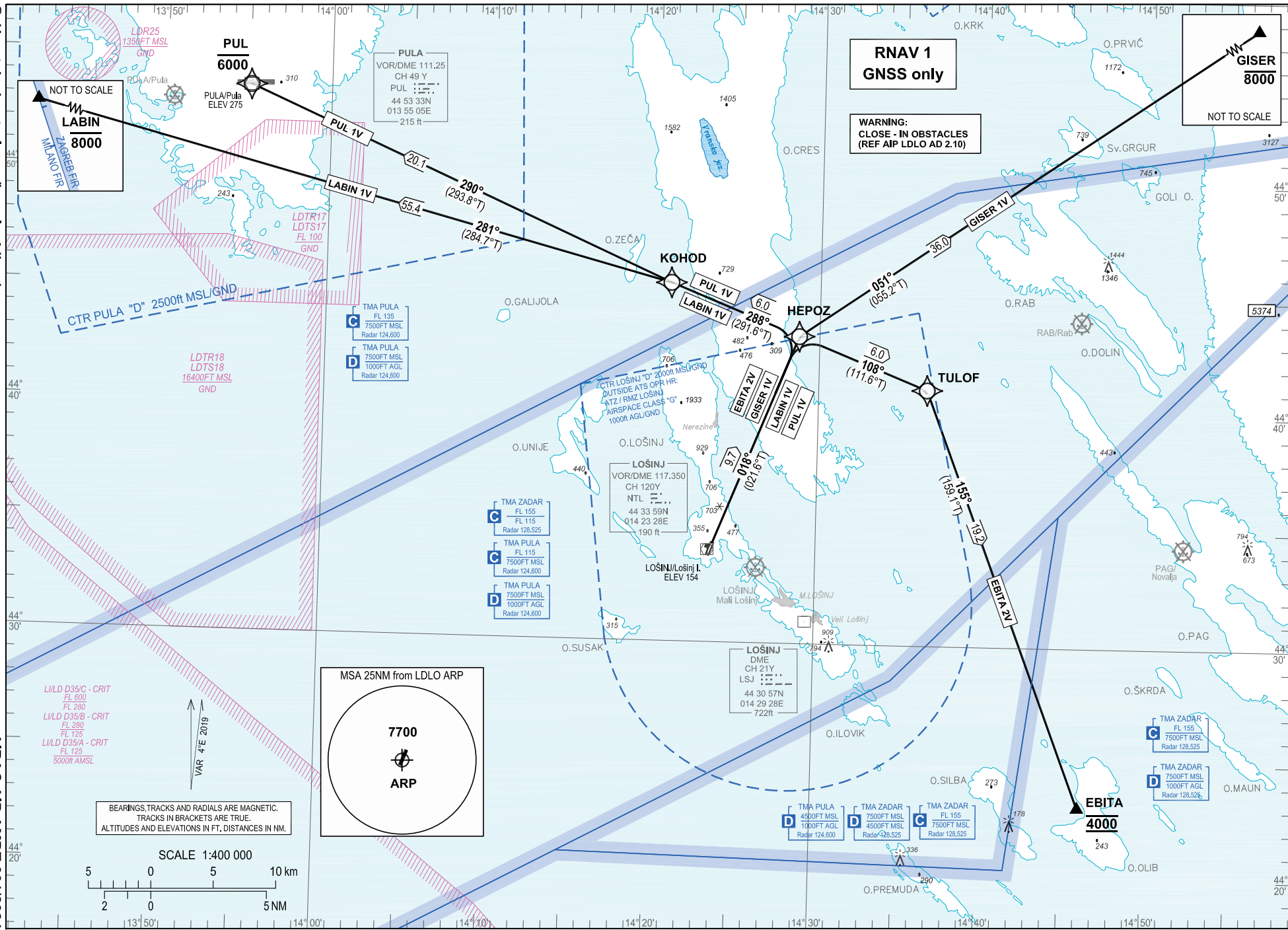
PULA RADAR	124.600
	127.675

LOŠINJ / Lošinj I.
CROATIA
RWY 02



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LOSINJ / Losinj I.
CROATIA
RNAV Rwy 02 CAT A & B



LOŠINJ / Lošinj I.
CROATIA
RNAV RWY 02 CAT A & B

GENERAL INFORMATION AND REQUIREMENTS FOR ALL SIDs

- Calculation of the SIDs is based on an all-engines operative minimum net climb gradient of 6.4 per cent (389 FT/NM). Assume minimum net climb gradient of 3.3 per cent (201 FT/NM) after passing 800 ft.

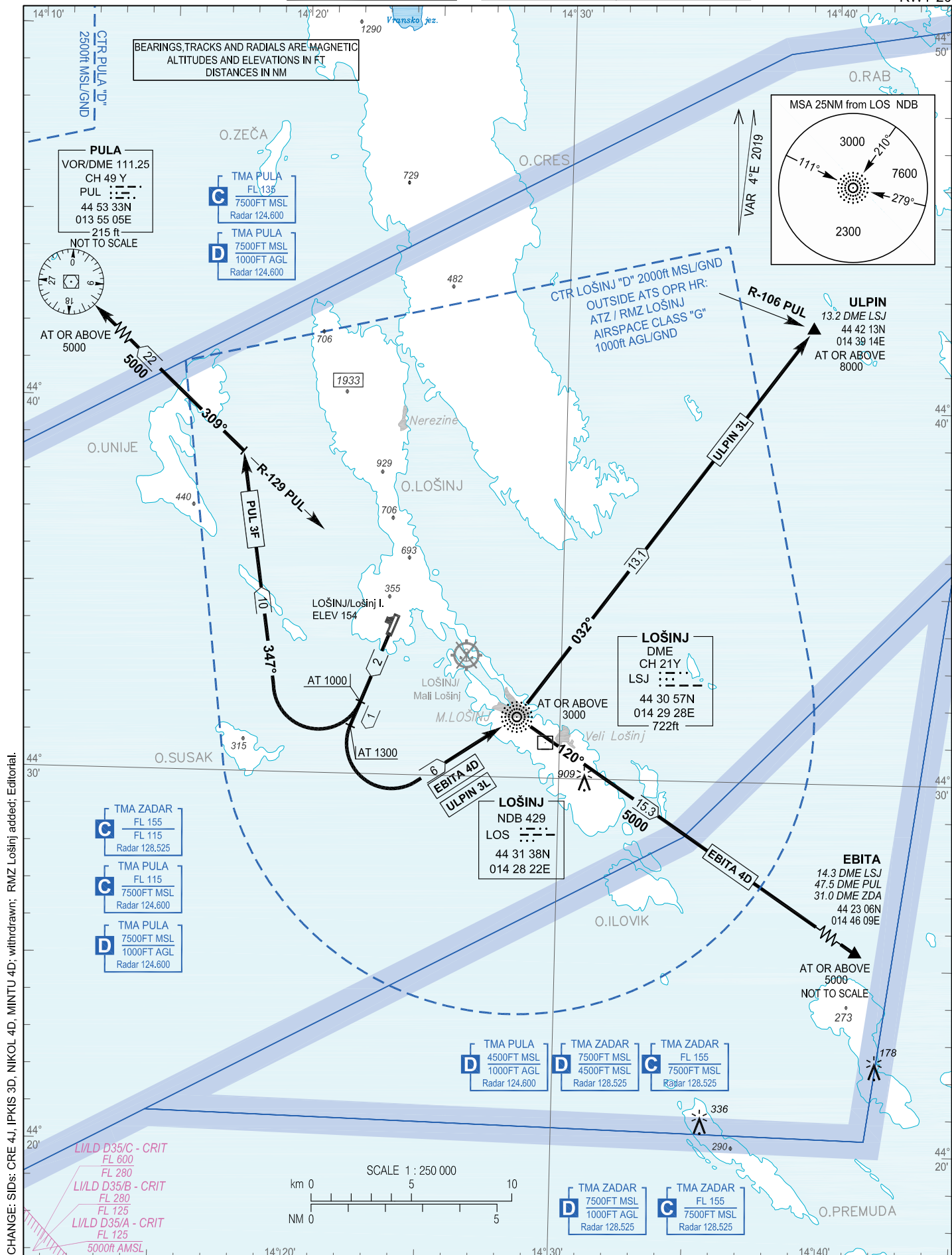
- After take-off, climb initially to 4000 FT. After passing 1000 FT, contact Pula Radar on 124.600 MHZ

- Caution: Close-in obstacles up to 0.6 NM from departure end of RWY 02 (REF AIP LDLO AD 2.10)

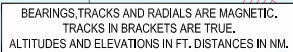
LDLO RNAV STANDARD INSTRUMENT DEPARTURE RWY 02												
Proposed tabular description for navigation database coding												
Serial number	Route	Path descriptor	Waypoint name	Flyover	Course °M (°T)	Magnetic variation	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Remarks	NAV SPEC
010	LABIN 1V	CF	HEPOZ	-	018° (021.6°T)	4°E	9.7	-	-	-	-	RNAV 1
020		TF	KOHOD	-	288° (291.6°T)	4°E	6.0	L	-	-		
030		TF	LABIN	-	281° (284.7°T)	4°E	55.4	-	-8000	-		
010	PUL 1V	CF	HEPOZ	-	018° (021.6°T)	4°E	9.7	-	-	-	-	RNAV 1
020		TF	KOHOD	-	288° (291.6°T)	4°E	6.0	L	-	-		
030		TF	PUL	-	290° (293.8°T)	4°E	20.1	-	-6000	-		
010	GISER 1V	CF	HEPOZ	-	018° (021.6°T)	4°E	9.7	-	-	-	-	RNAV 1
020		TF	GISER	-	051° (055.2°T)	4°E	36.0	-	-8000	-		
010	EBITA 2V	CF	HEPOZ	-	018° (021.6°T)	4°E	9.7	-	-	-	-	RNAV 1
020		TF	TULOF	-	108° (111.6°T)	4°E	6.0	R	-	-		
030		TF	EBITA	-	155° (159.1°T)	4°E	19.2	-	@4000	-		

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
EBITA	442306N	0144609E
GISER	450342N	0151026E
HEPOZ	444316.2N	0142845.6E
KOHOD	444528.7N	0142055.9E
LABIN	445909N	0130529E
PUL	445332.52N	0135505.23E
TULOF	444103.3N	0143634.6E

CHANGE: SID EBITA 1V changed to EBITA 2V; Editorial.



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AIRAC AIP AMDT 001/2024

LOŠINJ / Lošinj I.
CROATIA
RNAV RWY 20 CAT A & B

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 4000 FT. After passing 1000 FT, contact Pula Radar on 124.600 MHZ

LDLO RNAV STANDARD INSTRUMENT DEPARTURE RWY 20												
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	LABIN 1U	CF	BURQE	-	198°	4°E	9.0	-	-	-	MNM PDG 3.4% until passing 1300 ft	RNAV 1
					(201.6°T)							
020		TF	LO803	-	297°	4°E	19.2	R	-	-		
					(300.9°T)							
030		TF	LO804	-	306°	4°E	21.7	-	-	-		
					(310.1°T)							
040		TF	LABIN	-	293°	4°E	21.7	-	-8000	-		
					(297.5°T)							
010	PUL 1U	CF	BURQE	-	198°	4°E	9.0	-	-	-	MNM PDG 3.4% until passing 1300 ft	RNAV 1
					(201.6°T)							
020		TF	LO803	-	297°	4°E	19.2	R	-	-		
					(300.9°T)							
030		TF	PUL	-	354°	4°E	18.3	-	-6000	-		
					(358.2°T)							
010	GISER 1U	CF	BURQE	-	198°	4°E	9.0	-	-	-	-	RNAV 1
					(201.6°T)							
020		TF	LO802	-	108°	4°E	3.5	L	-	-		
					(111.5°T)							
030		TF	GISER		036°	4°E	51.8	-	-8000	-		
					(040.0°T)							
010	EBITA 2U	CF	BURQE	-	198°	4°E	9.0	-	-	-	-	RNAV 1
					(201.6°T)							
020		TF	LO802	-	108°	4°E	3.5	L	-	-		
					(111.5°T)							
030		TF	EBITA	-	090°	4°E	16.3	-	@4000	-		
					(093.6°T)							

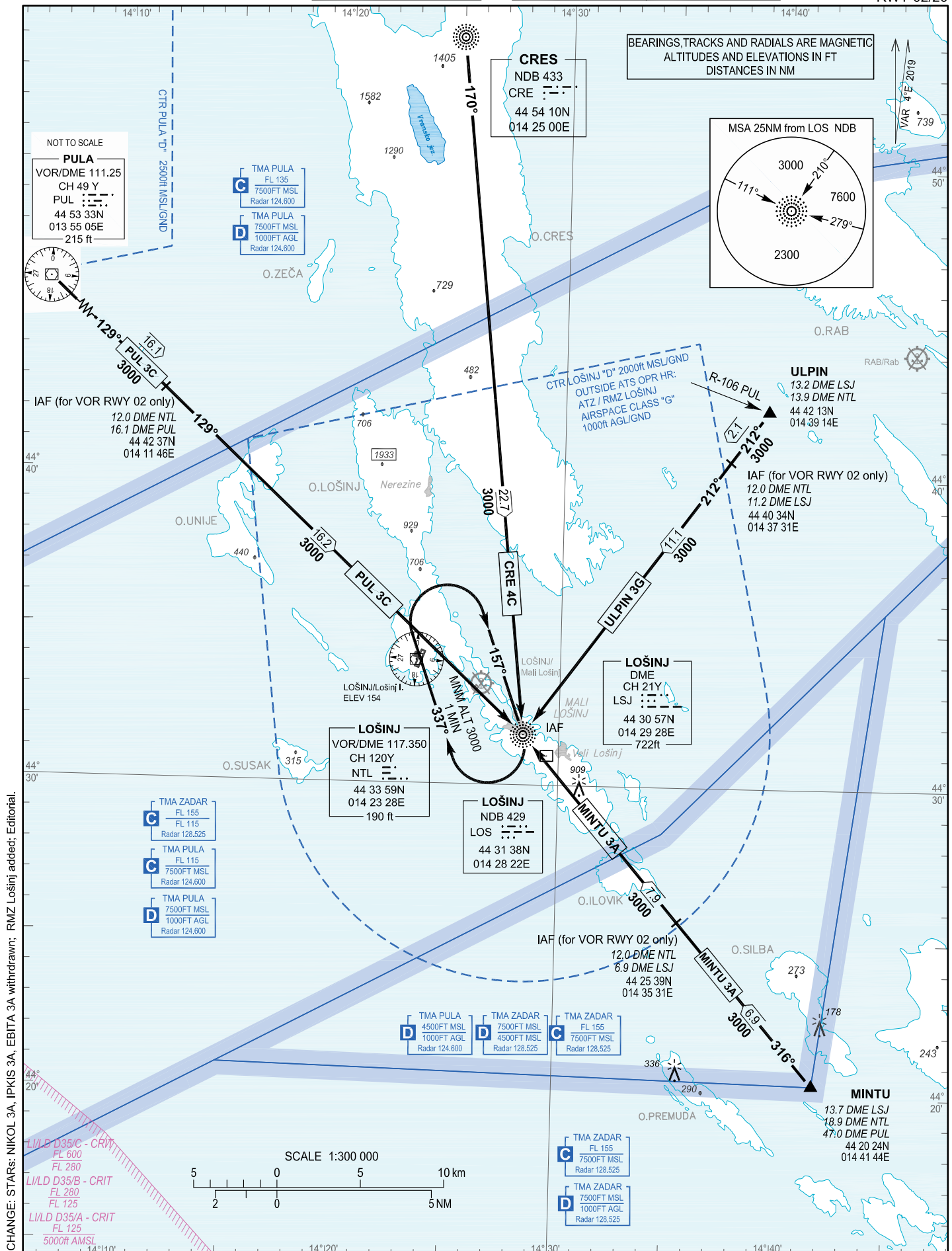
Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
BURQE	442526.2N	0141853.5E
EBITA	442306N	0144609E
GISER	450342N	0151026E
LABIN	445909N	0130529E
PUL	445332.52N	0135505.23E
LO802	442409.4N	0142324.8E
LO803	443514.6N	0135554.0E
LO804	444911.9N	0133234.6E

CHANGE: SID EBITA 1U change to EBITA 2U; Editorial.

TRANSITION ALTITUDE 10 000
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LOSINJ TOWER	120.300
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LOŠINJ / Lošinj I.
CROATIA
RWY 02/20



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LOŠINJ / Lošinj I.
CROATIA
RNAV RWY 02 CAT A & B

LDLO RNAV STANDARD ARRIVAL RWY 02												
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	LABIN 1X	IF	LABIN	-	-	4°E	-	-	+9000	-	-	RNAV 1
020		TF	LO701	-	110° (114.3°T)	4°E	42.3	-	-	-	-	
030		TF	LO702	-	111° (114.9°T)	4°E	12.8	-	-	-	-	
040		TF	PUQQI	-	197° (201.5°T)	4°E	9.2	-	+3000	-	IAF	
010	PUL 1X	IF	PUL	-	-	4°E	-	-	+7000	-180	-	RNAV 1
020		TF	LO701	-	161° (165.0°T)	4°E	12.4	-	-	-	-	
030		TF	LO702	-	111° (114.9°T)	4°E	12.8	-	-	-	-	
040		TF	PUQQI	-	197° (201.5°T)	4°E	9.2	-	+3000	-	IAF	
010	GISER 1Z	IF	GISER	-	-	4°E	-	-	+9000	-180	-	RNAV 1
020		TF	TULOF	-	223° (227.0°T)	4°E	33.1	-	+6200	-	-	
030		TF	LO706	-	198° (201.7°T)	4°E	7.7	-	-	-	-	
040		TF	LEZZA	-	198° (201.7°T)	4°E	11.5	-	+3000	-	IAF	
010	MINTU 1Z	IF	MINTU	-	-	4°E	-	-	+5000	-	-	RNAV 1
020		TF	LEZZA	-	281° (284.8°T)	4°E	11.2	-	+3000	-	IAF	
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		
PUQQI	HM	107° (111.4°T)	1 MIN -	R	3000	-	170	4°E		RNAV 1		
Waypoint coordinates												
Waypoint name	WGS-84 latitude		WGS-84 longitude									
GISER	450342N		0151026E									
LABIN	445909N		0130529E									
LEZZA	442313.8N		0142640.5E									
MINTU	442024N		0144144E									
PUL	445332.52N		0135505.23E									
PUQQI	442738.0N		0141105.9E									
TULOF	444103.3N		0143634.6E									
LO701	444132.6N		0135935.7E									
LO702	443609.4N		0141547.0E									
LO706	443354.0N		0143235.3E									

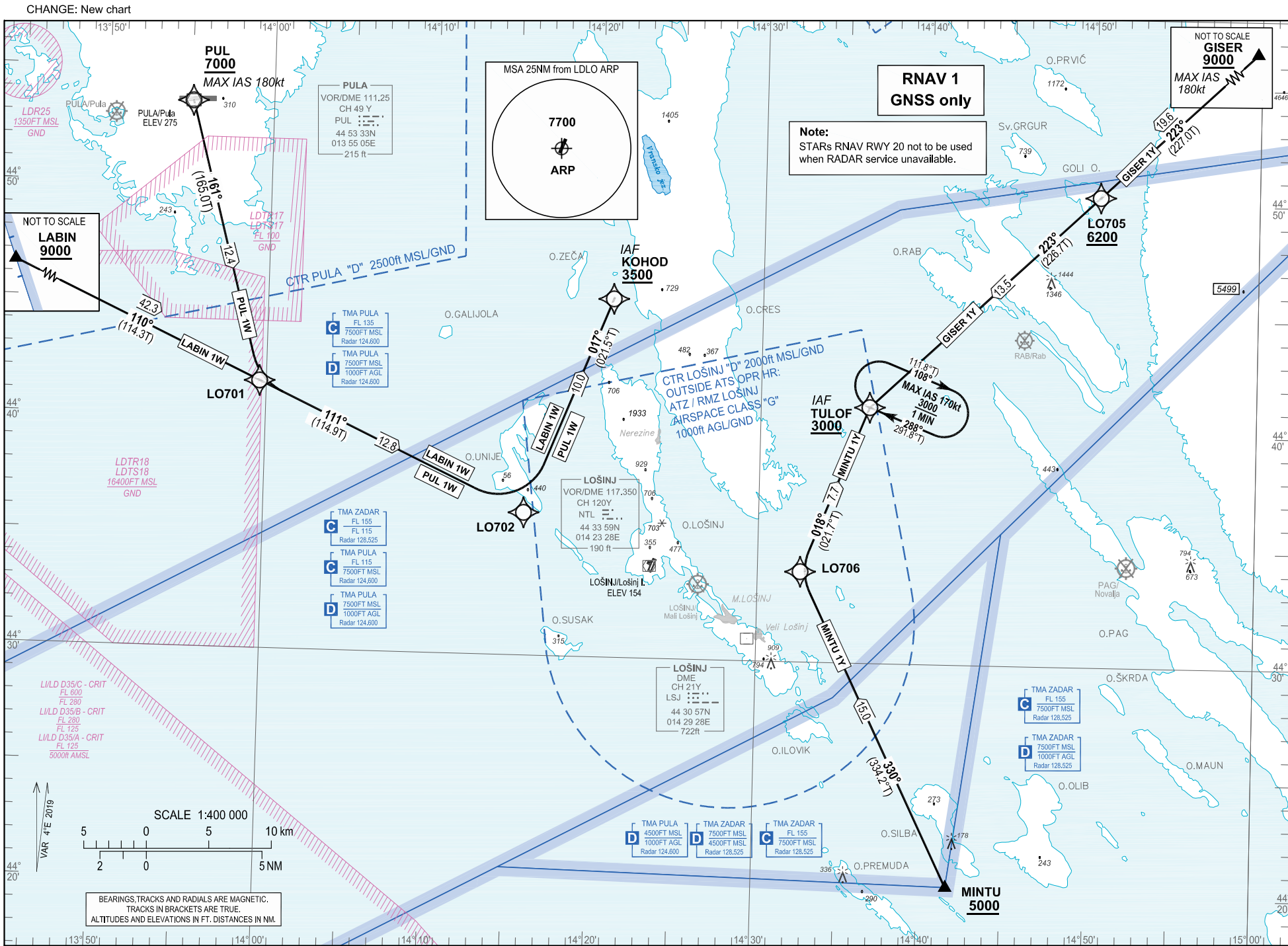
CHANGE:New chart

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
10 000

LOŠINJ TOWER 120.300
PULA RADAR 124.600
RNAV Rwy 20 CAT A & B

LOŠINJ / Lošinj I.
CROATIA



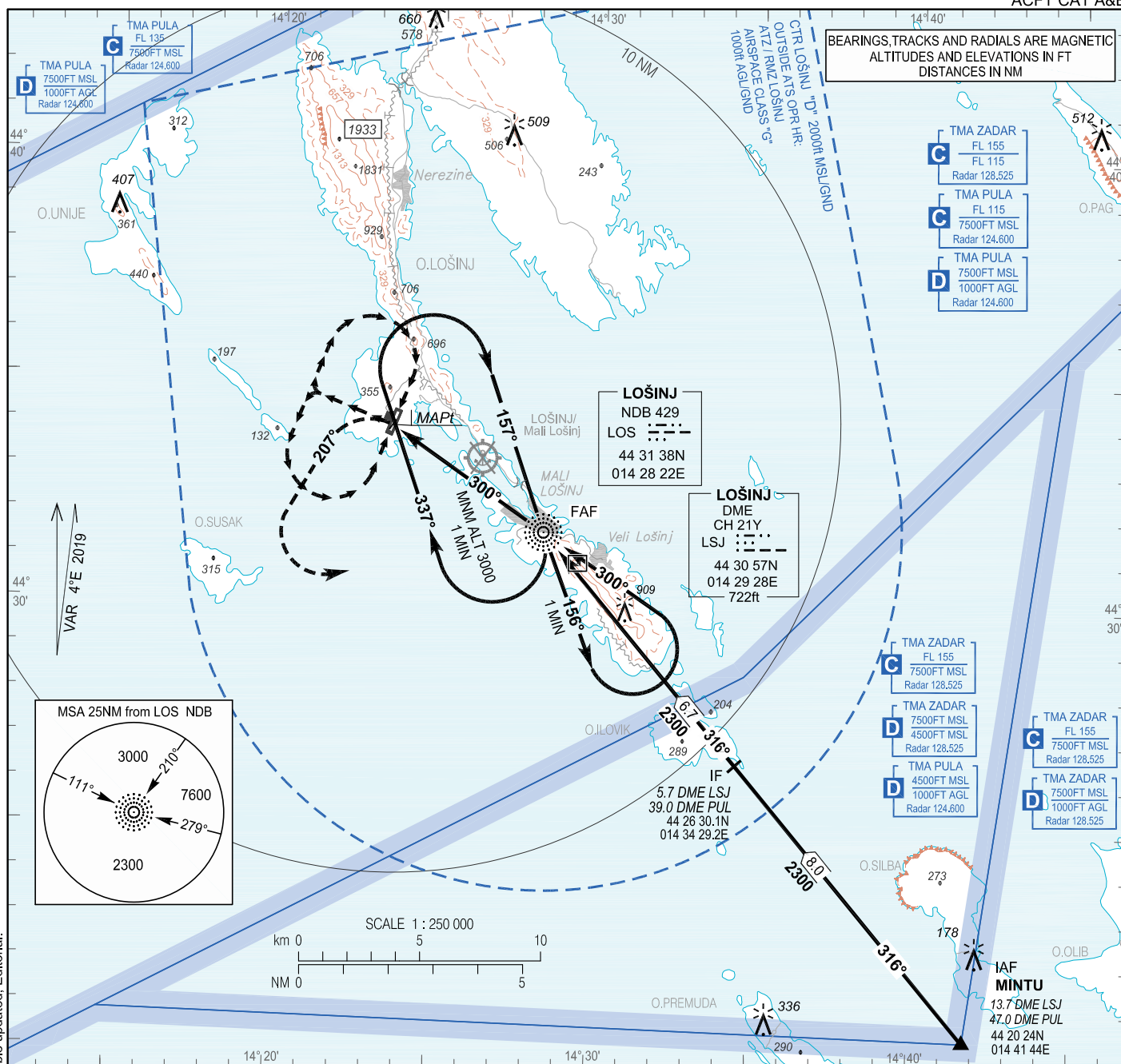
LOŠINJ / Lošinj I.
CROATIA
RNAV RWY 20 CAT A & B

LDLO RNAV STANDARD ARRIVAL RWY 20												
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	LABIN 1W	IF	LABIN	-	-	4°E	-	-	+9000	-	-	RNAV 1
020		TF	LO701	-	110° (114.3°T)	4°E	42.3	-	-	-	-	
030		TF	LO702	-	111° (114.9°T)	4°E	12.8	-	-	-	-	
040		TF	KOHOD	-	017° (021.5°T)	4°E	10.0	L	+3500	-	IAF	
010	PUL 1W	IF	PUL	-	-	4°E	-	-	+7000	-180		RNAV 1
020		TF	LO701	-	161° (165.0°T)	4°E	12.4	-	-		-	
030		TF	LO702	-	111° (114.9°T)	4°E	12.8	-	-	-	-	
040		TF	KOHOD	-	017° (021.5°T)	4°E	10.0	L	+3500	-	IAF	
010	GISER 1Y	IF	GISER	-	-	4°E	-	-	+9000	-180	-	RNAV 1
020		TF	LO705	-	223° (227.0°T)	4°E	19.6	-	+6200	-	-	
030		TF	TULOF	-	223° (226.7°T)	4°E	13.5	-	+3000	-	-	
010	MINTU 1Y	IF	MINTU	-	-	4°E	-	-	+5000	-	-	RNAV 1
020		TF	LO706	-	330° (334.2°T)	4°E	15.0	-	-	-	-	
030		TF	TULOF	-	018° (021.7°T)	4°E	7.7	-	+3000	-	IAF	
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		
TULOF	HM	288°	1 MIN	R	3000	-	170	4°E		RNAV 1		
		(291.8°T)	-									
Waypoint coordinates												
Waypoint name	WGS-84 latitude		WGS-84 longitude									
GISER	450342N		0151026E									
KOHOD	444528.7N		0142055.9E									
LABIN	445909N		0130529E									
MINTU	442024N		0144144E									
PUL	445332.52N		0135505.23E									
TULOF	444103.3N		0143634.6E									
LO701	444132.6N		0135935.7E									
LO702	443609.4N		0141547.0E									
LO705	445018.2N		0145019.5E									
LO706	443354.0N		0143235.3E									

CHANGE: New chart

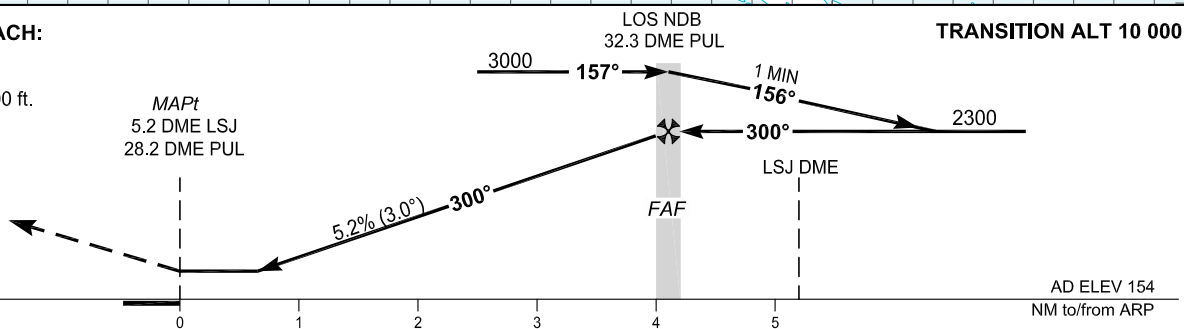
INSTRUMENT APPROACH
CHART - ICAOAD ELEV 154
HEIGHTS RELATED
TO AD ELEV 154PULA RADAR 124.600
127.675

LOŠINJ TOWER 120.300

LOŠINJ / Lošinj I.
CROATIA
NDB-a RWY 02/20
ACFT CAT A&BBEARINGS, TRACKS AND RADIALS ARE MAGNETIC
ALTITUDES AND ELEVATIONS IN FT
DISTANCES IN NM**MISSED APPROACH:**

Turn left on track
207° climbing to 3000 ft.
At 2000 ft turn left
to LOS NDB.

MAPt
5.2 DME LSJ
28.2 DME PUL



OCA(H)	A	B
CIRCLING	1070 (916)	

DISTANCE FAF TO MAPt (ARP) - 4.1 NM							
GS(kt)	70	80	90	100	110	120	130
min : sec	3:31	3:05	2:44	2:28	2:14	2:03	1:54
Rate of descent (ft / min)	369	421	474	527	579	632	685

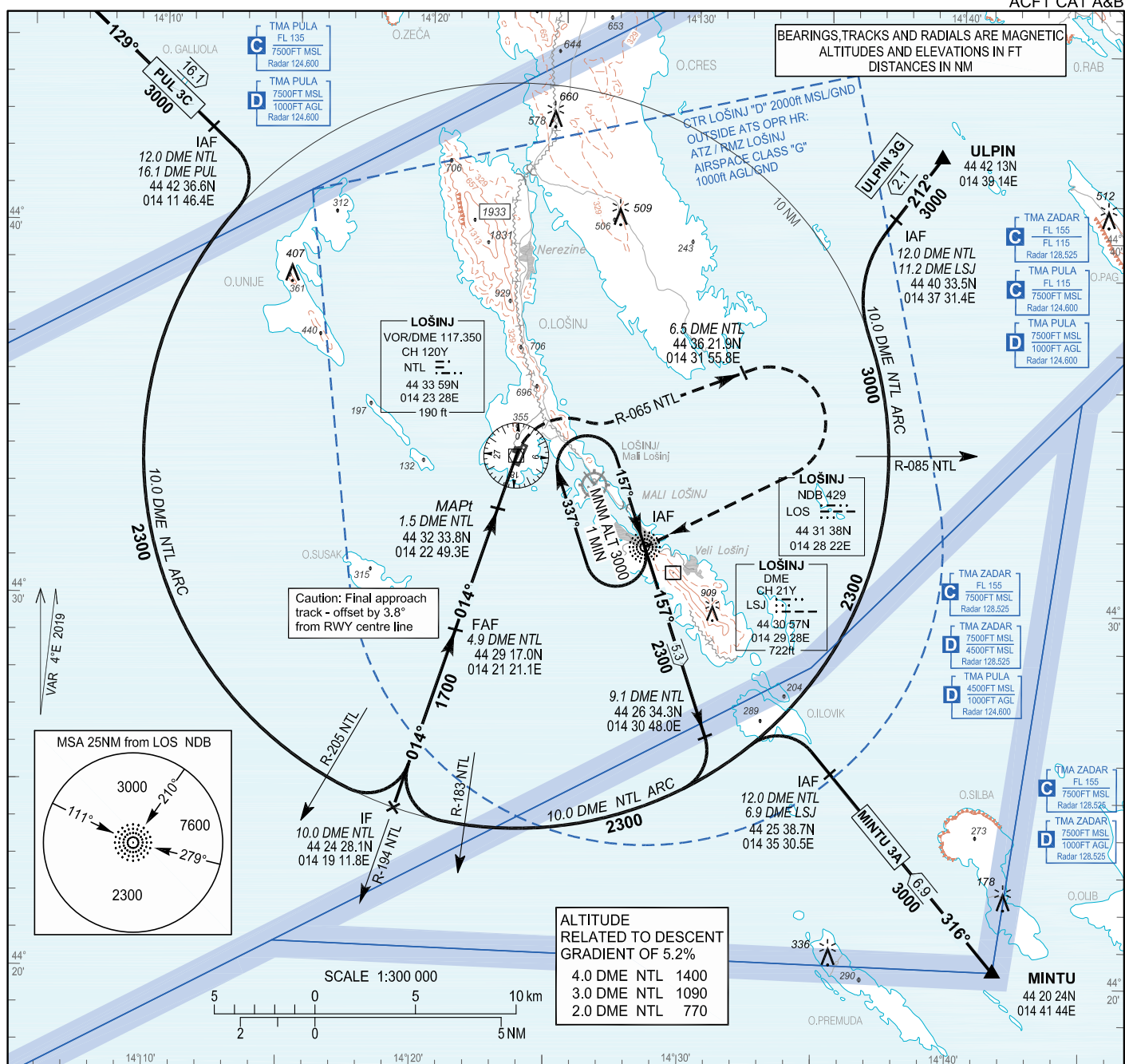
CHANGE: Approach from EBITA withdrawn; RMZ Lošinj added; ADR table updated; Editorial.

LOŠINJ / Lošinj I.
CROATIA
NDB-a RWY 02/20
ACFT CAT A&B

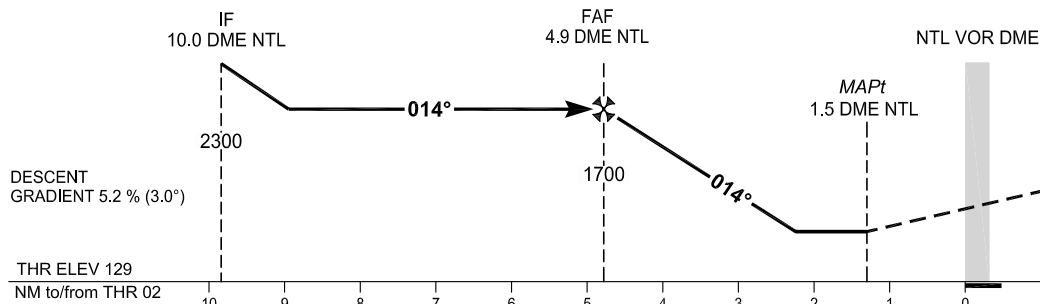
AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
NDB-a RWY 02/20 ACFT CAT A/B			
Final approach descent angle: -			
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (LOS NDB)	443137.55N 0142822.25E	-	-
IAF (MINTU)	442023.9N 0144144.5E	319.60° (LOS NDB)	47.00 DME PUL 13.74 DME LSJ
IF (via MINTU)	442630.1N 0143429.2E	319.52° (LOS NDB)	39.01 DME PUL 5.72 DME LSJ
FAF (LOS NDB)	443137.55N 0142822.25E	-	-
MAPt (LDLO ARP)	443357.26N 0142335.48E	304.29° (LOS NDB)	28.23 DME PUL 5.16 DME LSJ

INSTRUMENT APPROACH
CHART - ICAOAD ELEV 154
HEIGHTS RELATED
TO THR ELEV 129PULA RADAR 124.600
127.675

LOŠINJ TOWER 120.300

LOŠINJ / Lošinj I.
CROATIA
VOR RWY 02
ACFT CAT A&B

TRANSITION ALT 10 000



MISSED APPROACH:

Climb straight ahead on R-194 NTL to NTL VOR/DME.
At NTL VOR/DME turn right climbing to intercept R-065 NTL and continue climbing. At 6.5 DME NTL turn right direct to LOS NDB climbing to 3000 ft and hold.

OCA(H)	A	B
Straight - in Approach	610 (481)	
Circling	1070 (916)	

FAF to MAPt DISTANCE - 3.4 NM Timing not authorized for defining the MAPt							
GS (kt)	70	80	90	100	110	120	130
min : sec	2:57	2:35	2:18	2:04	1:53	1:43	1:35
Rate of descent (ft / min)	372	425	478	531	584	637	690
MAPt at 1.5 DME NTL							

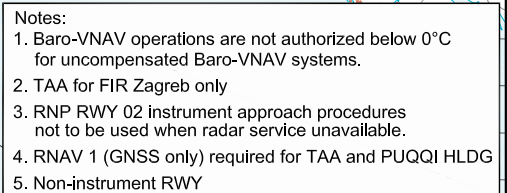
CHANGE: RWZ Lošinj added; ADR table updated; Editorial.

LOŠINJ / Lošinj I.
CROATIA
VOR RWY 02
ACFT CAT A&B

AERONAUTICAL DATABASE REQUIREMENTS			
Conventional procedure essential fixes/points			
VOR RWY 02 ACFT CAT A/B			
Final approach descent angle: 3.00°			
Fix identification	Coordinates	True bearing or ARC distance providing track	True bearing or distance providing intersection
IAF (LOS NDB)	443137.55N 0142822.25E	-	-
IAF (via PUL 3C arrival)	44 42 36.6N 014 11 46.4E	132.52° (PUL VOR)	12.00 DME NTL (16.15 DME PUL)
IAF (via MINTU 3A arrival)	44 25 38.7N 014 35 30.5E	319.60° (LOS NDB)	12.00 DME NTL (6.85 DME LSJ)
IAF (via ULPIN 3G arrival)	44 40 33.5N 014 37 31.4E	216.28° (LOS NDB)	12.00 DME NTL (11.20 DME LSJ)
IF	44 24 28.1N 014 19 11.8E	ARC 10.0 DME NTL	017.76° (NTL VOR)
FAF	44 29 17.0N 014 21 21.1E	017.78° (NTL VOR)	4.94 DME NTL
MAPt	44 32 33.8N 014 22 49.3E	017.78° (NTL VOR)	1.50 DME NTL
TP (NTL VOR/DME)	443359.44N 0142327.79E	-	-

CHANGE: RMZ Lošinj added; ADR table updated; Editorial.

LOŠINJ / Lošinj I.
CROATIA
RNP RWY 02



MISSED APPROACH:
Continuous climb to 3000.
Climb straight ahead to LO401.
Turn right to LO402.
Turn right to LEZZA to initiate
another approach.



Timing not authorized for defining the MAPt								
GS	kt	70	80	90	100	110	120	130
FAF - MAPt (4.8NM)	min:sec	4:07	3:36	3:12	2:53	2:37	2:24	2:13
Rate of descent (5.2%)	ft/min	372	425	478	531	584	637	690

Coding elements for FAS Data Block

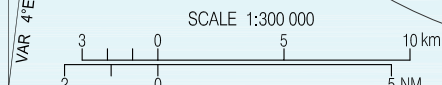
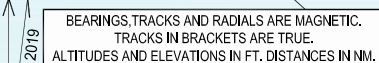
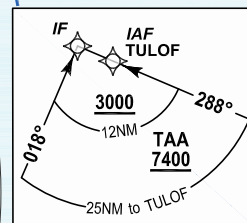
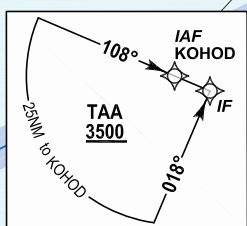
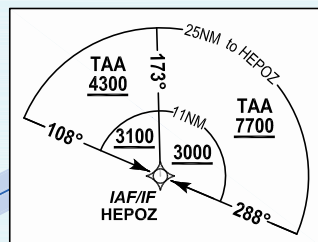
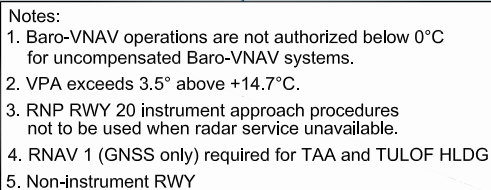
Input data	
Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LDLO
Runway	02
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E02A
LTP/FTP Latitude	443348.4070N
LTP/FTP Longitude	0142330.5865E
LTP/FTP Ellipsoidal Height (metres)	81.9
FPAP Latitude	443439.4700N
Delta FPAP Latitude (seconds)	51.0630
FPAP Longitude	0142358.8375E
Delta FPAP Longitude (seconds)	28.2510
Threshold Crossing Height	40.0
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 0F 0C 04 0C 02 00 00 01 32 30 05 EE E2 1F 13 35 22 2D 06 33 17 EE 8E 01 B6 DC 00 90 01 2C 01 64 00 C8 FA 32 0E A5 D6
Calculated CRC Value	320EA5D6
Required Additional Data	
ICAO Code	LD
LTP/FTP Orthometric Height (metres)	39.2

LDLO RNP RWY 02													
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	LEZZA	-	-	4°E	-	-	+3000	-	-	-	RNP APCH
020	IF	TF	BURQE	-	288° (291.6° T)	4°E	6.0	-	+2300	-	-	-	
010	IAF/IF	IF	BURQE	-	-	4°E	-	-	+2300	-	-	-	
010	IAF	IF	PUQQI	-	-	4°E	-	-	+3000	-	-	-	
020	IF	TF	BURQE	-	107° (111.4° T)	4°E	6.0	-	+2300	-	-	-	
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	BURQE	-	-	4°E	-	-	+2300	-	-	-	RNP APCH
020	FAF	TF	MIJJA	-	018° (021.5°T)	4°E	4.2	-	+1700	-	-	-	
030	MAPt	TF	RW02	Y	018° (021.5°T)	4°E	4.8	-	-	-	3.0 / 40	-	
040	MATF	TF	LO401	-	018° (021.6°T)	4°E	4.0	-	-	-	-	-	
050	MATF	TF	LO402	-	108° (111.6°T)	4°E	6.0	R	-	-	-	-	
060	-	TF	LEZZA	-	198° (201.7°T)	4°E	13.0	R	@3000	-	-	-	
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	
PUQQI	HM	107° (111.4°T)	1 MIN / -	R	3000	-	170	4°E	-			RNAV 1	
Waypoint coordinates													
Waypoint name		WGS-84 latitude		WGS-84 longitude									
LEZZA		442313.8N		0142640.5E									
PUQQI		442738.0N		0141105.9E									
BURQE		442526.2N		0141853.5E									
MIJJA		442920.0N		0142102.3E									
RW02		443348.41N		0142330.59E									
LO401		443731.6N		0142534.2E									
LO402		443518.8N		0143322.5E									

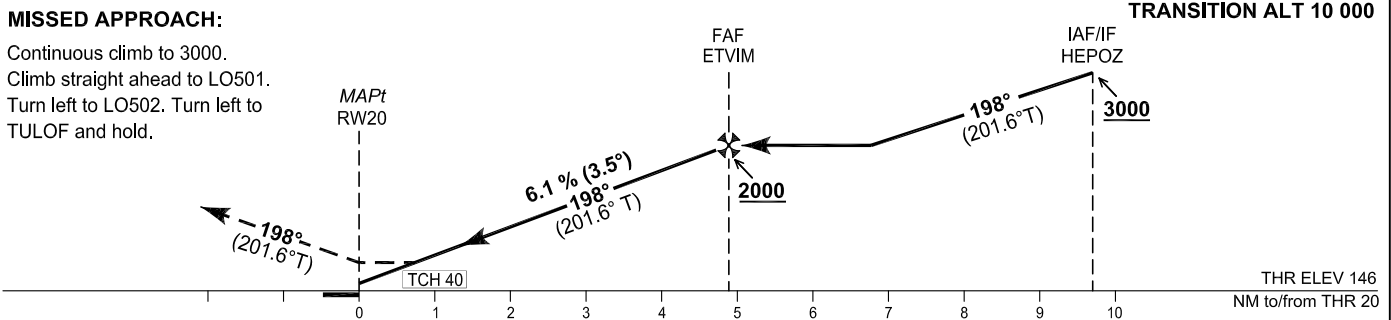
CHANGE: New chart

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RNP RWY 20 (LPV, LNAV/VNAV only)



Continuous climb to 3000.
Climb straight ahead to LO501.
Turn left to LO502. Turn left to
TULOF and hold.



DIST from MAPt (RW20)	NM	4	3	2
Altitude	ft	1680	1300	930

OCA(H)		A	B
Straight - in approach	LPV	843 (697)	856 (710)
	LNAV/VNAV	843 (697)	856 (710)

Timing not authorized for defining the MAPt								
GS	kt	70	80	90	100	110	120	130
FAF - MAPt (4.9NM)	min:sec	4:11	3:40	3:15	2:56	2:40	2:26	2:15
Rate of descent (6.1%)	ft/min	434	495	557	619	681	743	805

LOŠINJ / Lošinj I.
CROATIA
RNP RWY 20 (LPV, LNAV/VNAV only)

Coding elements for FAS Data Block

Input data	
Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LDLO
Runway	20
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E20A
LTP/FTP Latitude	443415.1610N
LTP/FTP Longitude	0142345.3865E
LTP/FTP Ellipsoidal Height (metres)	87.2
FPAP Latitude	443324.0965N
Delta FPAP Latitude (seconds)	-51.0645
FPAP Longitude	0142317.1415E
Delta FPAP Longitude (seconds)	-28.2450
Threshold Crossing Height	40.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.50
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output data	
Data Block	10 0F 0C 04 0C 14 00 00 01 30 32 05 F2 B3 20 13 D5 95 2D 06 68 17 0F 71 FE 56 23 FF 90 01 5E 01 64 00 C8 FA 58 33 3D 9E
Calculated CRC Value	58333D9E

Required Additional Data	
ICAO Code	LD
LTP/FTP Orthometric Height (metres)	44.5

LDLO RNP RWY 20													
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	KOHOD	-	-	4°E	-	-	+3500	-	-	-	RNP APCH
020	IF	TF	HEPOZ	-	108° (111.5° T)	4°E	6.0	-	+3000	-	-	-	
010	IAF/IF	IF	HEPOZ	-	-	4°E	-	-	+3000	-	-	-	
010	IAF	IF	TULOF	-	-	4°E	-	-	+3000	-	-	-	
020	IF	TF	HEPOZ	-	288° (291.7° T)	4°E	6.0	-	+3000	-	-	-	
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	HEPOZ	-	-	4°E	-	-	+3000	-	-	-	RNP APCH
020	FAF	TF	ETVIM	-	198° (201.6°T)	4°E	4.8	-	+2000	-	-	-	
030	MAPt	TF	RW20	Y	198° (201.6°T)	4°E	4.9	-	-	-	3.5 / 40	-	
040	MATF	TF	LO501	-	198° (201.6°T)	4°E	4.0	-	-	-	-	-	
050	MATF	TF	LO502	-	108° (111.6°T)	4°E	6.0	L	-	-	-	-	
060	MAHF	TF	TULOF	-	018° (021.6°T)	4°E	13.7	L	@3000	-	-	-	
070	MAHF	HM	TULOF	-	288° (291.8°T)	4°E	1 MIN	R	@3000	-170	-	-	RNAV 1
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	
TULOF	HM	288° (291.8°T)	1 MIN / -	R	3000	-	170	4°E	-			RNAV 1	
Waypoint coordinates													
Waypoint name		WGS-84 latitude		WGS-84 longitude									
KOHOD		444528.7N		0142055.9E									
TULOF		444103.3N		0143634.6E									
HEPOZ		444316.2N		0142845.6E									
ETVIM		443847.5N		0142616.2E									
RW20		443415.16N		0142345.39E									
LO501		443032.0N		0142142.0E									
LO502		442819.4N		0142929.6E									

CHANGE: New chart

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AD 2 AERODROMI**LDOS AD 2****LDOS AD 2.1 NAZIV I OZNAKA AERODROMA**

LDOS - ZRAČNA LUKA OSIJEK / Klisa

LDOS AD 2.2 ZEMLJOPISN I ADMINISTRATIVNI PODACI O AERODROMU

1	ARP koordinate i lokacija	452745.60N 0184836.56E 111° GEO / 1151 M from THR 11 291° GEO / 1348 M from THR 29
2	Smjer i udaljenost od (grada)	20 KM ESE from OSIJEK
3	Nadmorska visina/Odnosna temperatura	291 FT / 30°C (JUL)
4	Geoidna undulacija na AD ELEV PSN	144 FT
5	MAG VAR (datum informacije)/Godišnja promjena	5°E (2019) / 0.13° increasing
6	Operator AD, adresa, telefon, telefax, AFS, E-mail, adresa internetske stranice	Post: Zračna luka OSIJEK P.O. Box 47 31000 Osijek Phone: (+385 31) 514400 SITA: OSIAPXH Email: opc@osijek-airport.hr web site: http://www.osijek-airport.hr/
7	Dozvoljene vrste prometa (IFR/VFR)	IFR/VFR
8	Primjedbe	NIL

LDOS AD 2.3 RADNA VREMENA

1	Operator AD	Upon NOTAM or AIP SUP
2	Carinska kontrola i kontrola putovnica	AS AD HR SER
3	Zdravstvo i sanitetske mjere	AS AD HR SER
4	AIS ured za informiranje	Kao ATS - Selfbriefing
5	ATS prijavni ured (ARO)	H24 - Centralni ARO ured Split, TEL: +385 21 205-444 FAX: +385 21 895-227
6	Ured za MET informiranje	H24
7	ATS	Prema NOTAM ili AIP SUP
8	Opskrba gorivom	AS AD HR SER
9	Prihvat i otprema	AS AD HR SER
10	Osiguranje	H24
11	Odleđivanje	AS AD HR SER
12	Primjedbe	REF AD 2.22 Svi planirani ARR i DEP na/iz LDOS izvan AD LDOS HR SER mogu se obavljati samo uz PPR AP-a Osijek. ACFT OPR mora poslati REQ Operativnom centru LDOS putem e-maila: opc@osijek-airport.hr (poslan tijekom AD HR SER), najmanje 24 HR BFR SKED TKOF/LDG.

LDOS AD 2.4 SLUŽBA I OPREMA ZA PRIHVAT I OTPREMU

1	Infrastruktura za rukovanje teretom	1 cargo loader 7000 KG 1 fork lift 3000 KG 1 main deck loader 18 000 KG
2	Vrste goriva i ulja	A1, AVGAS 100LL
3	Infrastruktura i kapacitet za opskrbu gorivom	1 Fuel Truck 45 000 L (A1) 1 Fuel Truck 5 000 L (AVGAS 100LL)
4	Infrastruktura za odleđivanje	1 aircraft de-icing vehicle, MAX working height 14 M, fluid type I 1 aircraft de-icing vehicle, MAX working height 10 M, fluid type I and type IV
5	Hangarski prostor za zrakoplove u posjeti	AVBL (vidi: www.pannonia-aero-technics.hr)
6	Oprema za popravak zrakoplova u posjeti	Unspecified oxygen facilities, major airframe repairs and minor engine repairs are available (vidi: www.pannonia-aero-technics.hr)
7	Napomene	NIL

LDOS AD 2.5 INFRASTRUKTURA ZA PUTNIKE

1	Hoteli	Hotels in Osijek and Vukovar
2	Restorani	At AD

3	Mogućnosti prijevoza	Bus, taxi, rent-a-car at AD
4	Medicinska infrastruktura	First aid at AD, hospital in Osijek
5	Banka i pošta	NIL
6	Turistički ured	In Osijek
7	Napomene	NIL

LDOS AD 2.6 USLUGE SPAŠAVANJA I GAŠENJA POŽARA

1	AD vatrogasna kategorija	CAT 7 Vidjeti Primjedbe
2	Oprema za spašavanje	1 teško vatrogasno vozilo Mercedes (Rosenbauer): 9000 L vode, 1000 L pjene 1 teško vatrogasno vozilo MAN (ZIEGLER): 9100 L vode, 1100 L pjene 1 zapovjedno vozilo Mazda BT50, 100 L vode, 5 L pjenila
3	Mogućnost uklanjanja onesposobljenog zrakoplova	Zračna luka Osijek ne raspolaže opremom za uklanjanje onesposobljenog zrakoplova, moguća je suradnja s vanjskim poduzećima. Kontakt: Tel: +385 31 514 451 email: opc@osijek-airport.hr
4	Napomene	CAT 4 u vrijeme otvorenosti aerodroma, moguće do CAT 7 za zrakoplove prema redovnom redu letenja i prema najavi 24 HR ranije u vremenu otvorenosti aerodroma.

LDOS AD 2.7 PROCJENA I IZVJEŠĆIVANJE O STANJU POVRŠINE UZLETNO-SLETNE STAZE I PLAN POSTUPANJA U SLUČAJU SNIJEGA

1	Vrste opreme za čišćenje	2 snjegobacača 2 snjegočistača 3 snježna pluga 2 posipača uree
2	Prioriteti čišćenja	1. RWY 2. TWY 3. APRON
3	Upotreba materijala za obradu operativnih površina	Urea
4	Posebno pripremljene zimske uzletno-sletne staze	NIL
5	Primjedbe	Uređaj za mjerenje trenja površine (guma pod visokim tlakom): MOVENTOR SKIDDOMETER BV11.

LDOS AD 2.8 PODACI O STAJANKAMA, STAZAMA ZA VOŽNJU I MJESTIMA PROVJERE

1	Oznaka, površina stajanke i nosivost	POVRŠINA		NOSIVOST	
		ASPH		PCN 95/F/B/W/T	
2	Oznaka, širina, vrsta površine i nosivost staze za vožnju	TWY	ŠIRINA (M)	POVRŠINA	NOSIVOST
		A	23	ASPH	PCN 91/F/BW//T
		B	23	ASPH	PCN 91/F/B/W/T
		APRON TWY	23	ASPH	PCN 95/F/B/W/T
3	Položaj ACL-a i nadmorska visina	Položaj: Na stajanci Nadmorska visina: 291 FT			
4	Lokacija VOR kontrolnih točaka	NIL			
5	Pozicija INS kontrolnih točaka	RAMP / STAND	INS KOORDINATE		
		STAND 1	452755.51N 0184830.43E		
		STAND 2	452755.98N 0184828.06E		
		STAND 3	452756.78N 0184825.04E		
		STAND 4	452758.19N 0184820.38E		
		STAND C	452757.71N 0184820.81E		
6	Napomene	TWY A: Asfaltirana ramena širine 7.5 M TWY B: Asfaltirana ramena širine 7.5 M Stajanka: Asfaltirana ramena širine 7.5 M			

LDOS AD 2.9 SUSTAV I OZNAKE ZA VOĐENJE I NADZOR POVRŠINSKOG KRETANJA

1	Upotreba znakova za oznaku parkirališnog mjesta zrakoplova, linije navođenja na stazi za vožnju i vizualni sustav za vođenje pri pristajanju/parkiranju na parkirališnim mjestima zrakoplova	Linije za vođenje na stajanci. Oznake za parkiranje nosnog kotača zrakoplova. <i>Follow me</i> vozilo, signalist.
2	Oznake RWY-a, TWY-a i LGT	RWY-11/29: oznake, THR, središnja linija, rubovi, TDZ, ciljna točka, okretište na stazi. TWY A: središnja linija, pozicije za čekanje. TWY B: središnja linija, pozicije za čekanje. APRON TWY: središnja linija.
3	Zaustavne prečke	NIL
4	Napomene	NIL

STAR RWY 29

STAR RWY 29				
Designator	Route	Descend	Contact	Remarks
CE3A	CEPIN THREE ALPHA ARRIVAL From CE L proceed on QDM 105° OSJ to OSJ NDB (MNM ALT 2000 FT).	As cleared by ATC		
ADULA5E	ADULA FIVE ECHO ARRIVAL From ADULA proceed on QDM 032° OSJ to ASPUN (MNM ALT 2500 FT).	As cleared by ATC		STAR to be used only for transition to ILS z or LOC z RWY 29 and ILS y and LOC y RWY 29
NASSY4H	NASSY FOUR HOTEL ARRIVAL From NASSY proceed on QDM 084° OSJ (MNM ALT 4000 FT). After crossing 8.9 DME KLS proceed on QDM 084° OSJ to OSJ NDB (MNM ALT 2000 FT).	As cleared by ATC		IAF at QDM 084° OSJ / 8.9 DME KLS for ILS y or LOC y RWY 29 only.

Rezervni uređaj na TWR-u za slučaj potpunog otkaza komunikacije

U slučaju potpunog prekida komunikacije, na TWR Osijek na raspolaganju je signalna svjetiljka. Piloti trebaju pratiti svjetlosne signale s tornja.

LDOS AD 2.23 DODATNE INFORMACIJE

Mogućnost pojave ptica na i oko uzletno-sletne staze.

LDOS AD 2.24 POPRATNE KARTE AERODROMA

Naziv	Stranica
Aerodrome Chart - ICAO	LDOS AD 2.24.1 ADC -1
Aircraft Parking/Docking Chart - ICAO	LDOS AD 2.24.2 APDC -1
Aerodrome Ground Movement Chart – ICAO	NOT AVBL
Aerodrome Obstacle Chart – ICAO Type A RWY 11-29	LDOS AD 2.24.4 AOC RWY 11/29 -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 11	LDOS AD 2.24.8 SID RWY 11 -1
Standard Departure Chart – Instrument – ICAO RNAV RWY 11	LDOS AD 2.24.8 SID RNAV RWY 11 -1
Standard Departure Chart – Instrument – ICAO RWY 29	LDOS AD 2.24.8 SID RWY 29 -1
Standard Departure Chart – Instrument – ICAO RNAV RWY 29	LDOS AD 2.24.8 SID RNAV RWY 29 -1
Area Chart – ICAO (arrival and transit routes)	NOT AVBL
Standard Arrival Chart – Instrument – ICAO RWY 11	LDOS AD 2.24.10 STAR RWY 11 -1
Standard Arrival Chart – Instrument – ICAO RNAV RWY 11	LDOS AD 2.24.10 STAR RNAV RWY 11 -1
Standard Arrival Chart – Instrument – ICAO RWY 29	LDOS AD 2.24.10 STAR RWY 29 -1
Standard Arrival Chart – Instrument – ICAO RNAV RWY 29	LDOS AD 2.24.10 STAR RNAV RWY 29 -1
ATC Surveillance Minimum Altitude Chart - ICAO	LDOS AD 2.24.11 ATCSMAC -1
Instrument Approach Chart – ICAO L RWY 11	LDOS AD 2.24.12 IAC L RWY 11 -1
Instrument Approach Chart – ICAO ILS or LOC RWY 11	LDOS AD 2.24.12 IAC ILS or LOC RWY 11 -1
Instrument Approach Chart – ICAO NDB RWY 11	LDOS AD 2.24.12 IAC NDB RWY 11 -1
Instrument Approach Chart – ICAO NDB RWY 29	LDOS AD 2.24.12 IAC NDB RWY 29 -1
Instrument Approach Chart – ICAO ILS x or LOC x RWY 29 ACFT CAT A&B	LDOS AD 2.24.12 IAC ILS x or LOC x RWY 29 CAT A&B -1
Instrument Approach Chart – ICAO ILS y or LOC y RWY 29	LDOS AD 2.24.12 IAC ILS y or LOC y RWY 29 -1
Instrument Approach Chart – ICAO ILS z or LOC z RWY 29	LDOS AD 2.24.12 IAC ILS z or LOC z RWY 29 -1
Instrument Approach Chart – ICAO RNP RWY 11	LDOS AD 2.24.12 IAC RNP RWY 11 -1
Instrument Approach Chart – ICAO RNP-a RWY 29	LDOS AD 2.24.12 IAC RNP-a RWY 29 -1
Visual Approach Chart - ICAO	NOT AVBL
Visual Operation Chart	LDOS AD 2.24.13 VOC -1
Bird concentrations	NOT AVBL

Primjedbe: Svi postupci instrumentalnog prilaza i svi standardni instrumentalni odlasci (RWY 11 i RWY 29) su izvan radnog vremena ATS-a obustavljeni.

LDOS AD 2.25 PRODIRANJE U POVRŠINU VIZUALNOG SEGMENTA (VSS)

Vidi odgovarajuće karte.

STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO

TRANSITION ALTITUDE
10 000

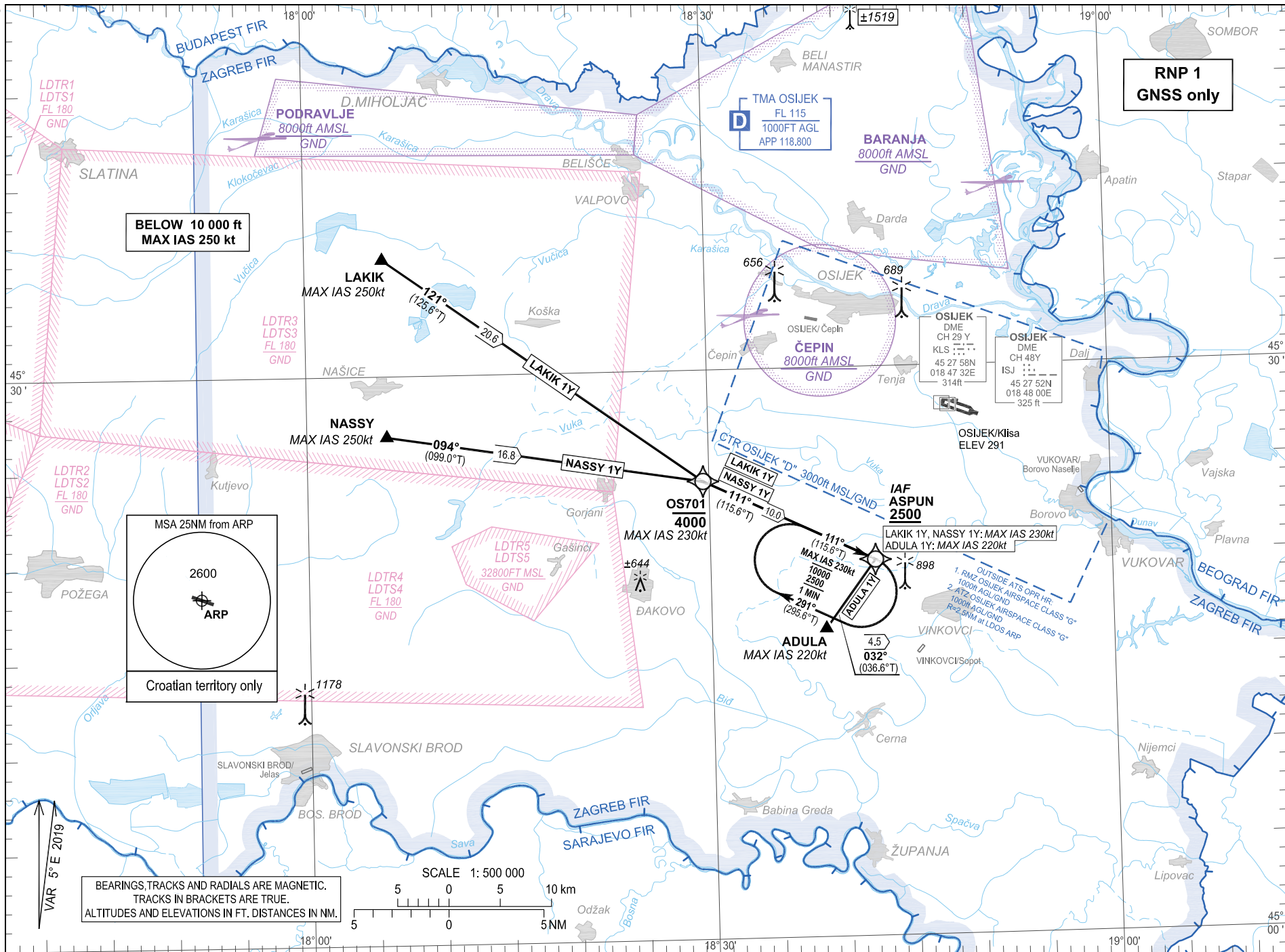
OSIJEK APPROACH
OSIJEK TOWER
118.800
118.800

OSIJEK / Kliša
CROATIA
RNAV Rwy 29

RNP 1
GNSS only

CHANGE: New chart

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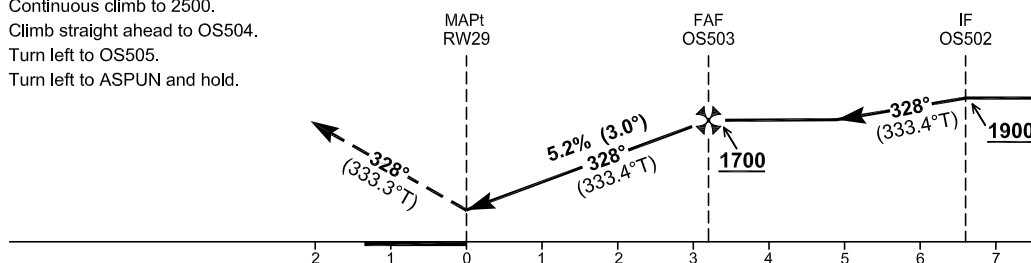
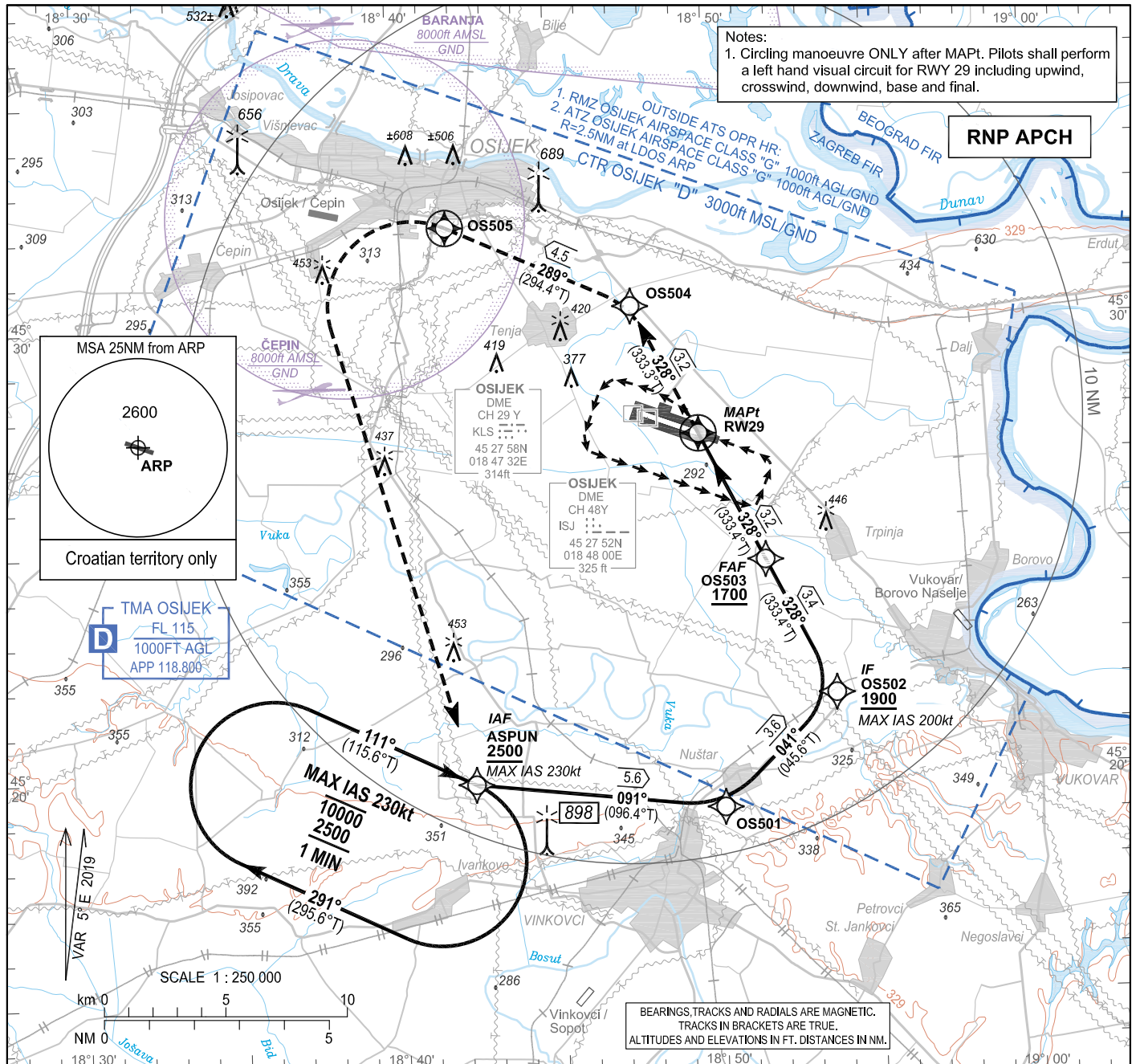
OSIJEK / Klisa
CROATIA
RNAV RWY 29

LDOS RNAV STANDARD ARRIVAL RWY 29												
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	ADULA 1Y	IF	ADULA	-	-	5°E	-	-	-	-220	-	RNP 1
020		TF	ASPUN	-	032° (036.6°T)	5°E	4.5	-	+2500	-220	IAF	
010	LAKIK 1Y	IF	LAKIK	-	-	5°E	-	-	-	-250	-	RNP 1
020		TF	OS701	-	121° (125.6°T)	5°E	20.6	-	-4000	-230		
030		TF	ASPUN	-	111° (115.6°T)	5°E	10.0	-	+2500	-230	IAF	
010	NASSY 1Y	IF	NASSY	-	-	5°E	-	-	-	-250	-	RNP 1
020		TF	OS701	-	094° (099.0°T)	5°E	16.8	-	-4000	-230	-	
030		TF	ASPUN	-	111° (115.6°T)	5°E	10.0	-	+2500	-230	IAF	

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
ASPUN	HM	111° (115.6°T)	1MIN / -	R	2500	10000	230	5°E	-	RNP 1

Waypoint coordinates		
Waypoint name	WGS-84 latitude	WGS-84 longitude
ADULA	451614N	0183831E
ASPUN	451948.8N	0184217.9E
LAKIK	453608N	0180551E
NASSY	452648N	0180559E
OS701	452408.0N	0182933.2E

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CROATIA
RNP-a RWY 29



Timing not authorized for defining the MAPt							
GS	kt	80	100	120	140	160	180
FAF - MAPt (3.2NM)	min:sec	2:23	1:54	1:35	1:22	1:11	1:03
Rate of descent (5.2%)	ft/min	425	531	637	743	849	955

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RNP-a RWY 29

LDOS RNP-a RWY 29													
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	ASPUN	-	-	5°E	-	-	+2500	-230	-	-	RNP APCH
020	-	TF	OS501	-	091° (096.4°T)	5°E	5.6	-	-	-	-	-	
030	IF	TF	OS502	-	041° (045.6° T)	5°E	3.6	-	+1900	-200	-	-	
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	OS502	-	-	5°E	-	-	+1900	-200	-	-	RNP APCH
020	FAF	TF	OS503	-	328° (333.4°T)	5°E	3.4	-	+1700	-	-	-	
030	MAPt	TF	RW29	Y	328° (333.4°T)	5°E	3.2	-	-	-	3.0 / -	-	
040	MATF	TF	OS504	-	328° (333.3°T)	5°E	3.2	-	-	-	-	-	
050	MATF	TF	OS505	Y	289° (294.4°T)	5°E	4.5	-	-	-	-	-	
060	MAHF	DF	ASPUN	-	-	5°E	-	L	@2500	-230	-	-	
070	MAHF	HM	ASPUN	-	111° (115.6°T)	5°E	1 MIN	R	@2500	-230	-	-	RNP 1
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	
ASPUN	HM	111° (115.6°T)	1 MIN / -	R	2500	10000	230	5°E	-			RNP 1	
Waypoint coordinates													
Waypoint name		WGS-84 latitude		WGS-84 longitude									
ASPUN		451948.8N		0184217.9E									
OS501		451911.3N		0185007.6E									
OS502		452140.5N		0185343.9E									
OS503		452440.2N		0185135.9E									
OS504		453021.9N		0184732.1E									
OS505		453212.2N		0184144.7E									
RW29		452730.26N		0184934.67E									