

Publication Date: 22 SEP 2022

Effective Date: 03 NOV 2022

AIRAC
AIP AMDT

10
03 NOV 2022

AIRAC AIP AMENDMENT 10/22

I. Content

- AD - LRTZ - type of traffic permitted changed to "Private";
- LRHO - change of TLOF bearing strength.

II. Insert the following new pages and/or charts:

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Destroy the following pages and/or charts:

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III. Amend RECORD OF AIP AMDT (GEN 0.2) accordingly.

**IV. Information contained in the following NOTAM is incorporated in AIRAC AIP AMDT 10/22:
A3865/22**

END

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AD 2.4-45	07 NOV 2019	AD 2.5-45	07 NOV 2019	AD 2.7-37	17 JUN 2021
AD 2.4-51	25 APR 2019	AD 2.5-51	20 MAY 2021	AD 2.7-37a	23 MAY 2019
AD 2.4-51a	05 APR 2012	AD 2.5-51a	05 APR 2012	AD 2.7-45	17 JUN 2021
AD 2.4-52	25 APR 2019	AD 2.5-53	22 APR 2021	AD 2.7-45a	10 NOV 2016
AD 2.4-52a	05 APR 2012	AD 2.5-53a	05 APR 2012	AD 2.7-52	28 FEB 2019
AD 2.4-53	25 APR 2019	AD 2.5-55	22 APR 2021	AD 2.7-52a	10 NOV 2016
AD 2.4-53a	05 APR 2012	AD 2.5-55a	07 FEB 2013	AD 2.7-71	28 FEB 2019
AD 2.4-54	25 APR 2019	AD 2.5-57	28 MAR 2019	AD 2.7-71a	10 NOV 2016
AD 2.4-54a	05 APR 2012	AD 2.5-57a	05 APR 2012	AD 2.7-71b	10 NOV 2016
AD 2.4-91	25 APR 2019	AD 2.5-91	28 MAR 2019	AD 2.7-71c	10 NOV 2016
AD 2.4-91a	05 APR 2012	AD 2.5-91a	05 APR 2012	AD 2.7-72	28 FEB 2019
AD 2.4-92	25 APR 2019	AD 2.5-93	22 APR 2021	AD 2.7-72a	10 NOV 2016
AD 2.4-92a	05 APR 2012	AD 2.5-93a	05 APR 2012	AD 2.7-72b	10 NOV 2016
AD 2.4-93	25 APR 2019	AD 2.5-95	22 APR 2021	AD 2.7-72c	10 NOV 2016
AD 2.4-93a	10 DEC 2015	AD 2.5-95a	07 FEB 2013	AD 2.7-81	28 FEB 2019
AD 2.4-94	25 APR 2019	AD 2.5-97	28 MAR 2019	AD 2.7-81a	10 NOV 2016
AD 2.4-94a	10 DEC 2015	AD 2.5-97a	05 APR 2012	AD 2.8-1	15 JUL 2022
AD 2.5-1	24 MAR 2022	AD 2.6-1	25 FEB 2021	AD 2.8-2	15 JUL 2022
AD 2.5-2	24 FEB 2022	AD 2.6-2	25 FEB 2021	AD 2.8-3	05 DEC 2019
AD 2.5-3	28 MAY 2015	AD 2.6-3	07 OCT 2021	AD 2.8-4	05 DEC 2019
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AD 2.5-6	22 APR 2021	AD 2.6-40	25 FEB 2021	AD 2.8-7	05 DEC 2019
AD 2.5-7	24 FEB 2022	AD 2.7-1	21 APR 2022	AD 2.8-8	05 DEC 2019
AD 2.5-8	24 FEB 2022	AD 2.7-2	21 APR 2022	AD 2.8-9	05 DEC 2019
AD 2.5-9	24 FEB 2022	AD 2.7-3	15 JUL 2021	AD 2.8-10	05 DEC 2019
AD 2.5-10	03 DEC 2020	AD 2.7-4	15 JUL 2021	AD 2.8-11	05 DEC 2019
AD 2.5-11	03 DEC 2020	AD 2.7-5	15 JUL 2021	AD 2.8-12	05 DEC 2019
AD 2.5-12	03 DEC 2020	AD 2.7-6	15 JUL 2021	AD 2.8-13	05 DEC 2019
AD 2.5-13	03 DEC 2020	AD 2.7-7	15 JUL 2021	AD 2.8-14	05 DEC 2019
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AD 2.5-15	07 NOV 2019	AD 2.7-9	15 JUL 2021	AD 2.8-16	28 JAN 2021
AD 2.5-16	23 APR 2020	AD 2.7-10	21 APR 2022	AD 2.8-17	20 MAY 2021
AD 2.5-17	23 APR 2020	AD 2.7-11	21 APR 2022	AD 2.8-18	25 MAR 2021
AD 2.5-18	17 JUN 2021	AD 2.7-12	21 APR 2022	AD 2.8-19	05 DEC 2019
AD 2.5-19	08 NOV 2018	AD 2.7-13	21 APR 2022	AD 2.8-20	15 AUG 2019
AD 2.5-20	24 FEB 2022	AD 2.7-14	21 APR 2022	AD 2.8-20a	15 AUG 2019

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AD 2.8-25	20 JUN 2019	AD 2.10-94a	18 JUN 2020	AD 2.13-25	26 APR 2018
AD 2.8-31	02 JAN 2020	AD 2.11-1	24 MAR 2022	AD 2.13-26	05 MAY 2011
AD 2.8-32	02 JAN 2020	AD 2.11-2	15 JUL 2021	AD 2.13-28	22 JUN 2017
AD 2.8-35	13 AUG 2020	AD 2.11-3	15 JUL 2021	AD 2.13-30	17 JUN 2021
AD 2.8-36	02 JAN 2020	AD 2.11-4	15 JUL 2021	AD 2.13-30a	10 NOV 2016
AD 2.8-45	30 JAN 2020	AD 2.11-5	15 JUL 2021	AD 2.13-31	17 JUN 2021
AD 2.8-45a	02 JAN 2020	AD 2.11-6	15 JUL 2021	AD 2.13-31a	10 NOV 2016
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AD 2.8-52a	23 JUN 2016	AD 2.11-8	15 JUL 2021	AD 2.13-33a	10 NOV 2016
AD 2.8-81	15 AUG 2019	AD 2.11-9	08 SEP 2022	AD 2.13-34	17 JUN 2021
AD 2.8-81a	26 MAY 2016	AD 2.11-20	15 JUL 2021	AD 2.13-34a	10 NOV 2016
AD 2.8-82	15 AUG 2019	AD 2.11-20a	15 JUL 2021	AD 2.13-35	17 JUN 2021
AD 2.8-82a	26 MAY 2016	AD 2.11-22	07 NOV 2019	AD 2.13-35a	13 AUG 2020
AD 2.9-1	23 APR 2020	AD 2.11-23	07 NOV 2019	AD 2.13-36	17 JUN 2021
AD 2.9-2	14 SEP 2017	AD 2.11-25	15 JUL 2021	AD 2.13-36a	10 NOV 2016
AD 2.9-3	17 AUG 2017	AD 2.11-26	15 JUL 2021	AD 2.13-37	17 JUN 2021
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AD 2.9-52a	23 JUN 2016	AD 2.12-2	16 AUG 2018	AD 2.14-4	11 AUG 2022
AD 2.9-81	25 APR 2019	AD 2.12-3	10 SEP 2020	AD 2.14-5	11 AUG 2022
AD 2.9-81a	23 JUN 2016	AD 2.12-4	06 DEC 2018	AD 2.14-6	11 AUG 2022
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AD 2.9-82a	23 JUN 2016	AD 2.12-6	16 AUG 2018	AD 2.14-8	11 AUG 2022
AD 2.9-83	25 APR 2019	AD 2.12-20	25 APR 2019	AD 2.14-9	11 AUG 2022
AD 2.9-83a	23 JUN 2016	AD 2.12-20a	25 APR 2019	AD 2.14-20	11 AUG 2022
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AD 2.10-2	31 DEC 2020	AD 2.12-25	16 AUG 2018	AD 2.14-23	11 AUG 2022
AD 2.10-3	31 DEC 2020	AD 2.12-26	16 AUG 2018	AD 2.14-25	11 AUG 2022
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AD 2.10-8	31 DEC 2020	AD 2.12-52a	16 AUG 2018	AD 2.14-31a	10 DEC 2015
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AD 2.10-92a	25 MAY 2017	AD 2.13-20	24 MAR 2022	AD 2.15-11	24 FEB 2022
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AD 2.15-22	23 MAY 2019	AD 2.16-37	24 FEB 2022	AD 2.21-1	26 MAR 2020
AD 2.15-23	30 DEC 2021	AD 2.16-37a	18 JUL 2019	AD 2.21-2	05 APR 2012
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AD 2.15-30a	10 NOV 2016	AD 2.16-52a	18 JUL 2019	AD 2.23-1	15 DEC 2019
AD 2.15-31	17 JUN 2021	AD 2.16-53	15 JUL 2021	AD 2.23-2	04 FEB 2016
AD 2.15-31a	10 NOV 2016	AD 2.16-53a	25 FEB 2021	AD 2.23-3	23 JUL 2015
AD 2.15-32	17 JUN 2021	AD 2.16-54	15 JUL 2021	AD 2.23-4	28 MAR 2019
AD 2.15-32a	10 NOV 2016	AD 2.16-54a	25 FEB 2021	AD 2.23-20	31 JAN 2019
AD 2.15-34	17 JUN 2021	AD 2.16-91	15 JUL 2021	AD 2.23-40	28 MAR 2019
AD 2.15-34a	10 NOV 2016	AD 2.16-91a	18 JUL 2019	AD 2.23-41	28 MAR 2019
AD 2.15-35	17 JUN 2021	AD 2.16-92	15 JUL 2021	AD 2.24-1	27 FEB 2020
AD 2.15-35a	10 NOV 2016	AD 2.16-92a	18 JUL 2019	AD 2.24-2	30 MAR 2017
AD 2.15-36	17 JUN 2021	AD 2.16-93	15 JUL 2021	AD 2.24-3	30 MAR 2017
AD 2.15-36a	10 NOV 2016	AD 2.16-93a	25 FEB 2021	AD 2.24-4	30 MAR 2017
AD 2.15-37	17 JUN 2021	AD 2.16-94	15 JUL 2021	AD 2.24-20	19 JUL 2018
AD 2.15-37a	10 NOV 2016	AD 2.16-94a	25 FEB 2021	AD 2.24-40	19 JUL 2018
AD 2.15-45	17 JUN 2021	AD 2.17-1	24 MAR 2022	AD 2.25-1	16 AUG 2018
AD 2.15-45a	10 NOV 2016	AD 2.17-2	28 JAN 2021	AD 2.25-2	16 AUG 2018
AD 2.15-51	17 JUN 2021	AD 2.17-3	28 JAN 2021	AD 2.25-3	16 AUG 2018
AD 2.15-51a	10 NOV 2016	AD 2.17-4	28 JAN 2021	AD 2.25-4	16 AUG 2018
AD 2.15-52	17 JUN 2021	AD 2.17-5	28 JAN 2021	AD 2.25-20	16 AUG 2018
AD 2.15-52a	10 NOV 2016	AD 2.17-6	28 JAN 2021	AD 2.25-40	16 AUG 2018
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AD 2.15-91a	10 NOV 2016	AD 2.17-8	28 JAN 2021	AD 2.26-2	16 AUG 2018
AD 2.15-92	17 JUN 2021	AD 2.17-9	28 JAN 2021	AD 2.26-3	16 AUG 2018
AD 2.15-92a	10 NOV 2016	AD 2.17-10	28 JAN 2021	AD 2.26-4	16 AUG 2018
AD 2.15-93	17 JUN 2021	AD 2.17-11	28 JAN 2021	AD 2.26-20	08 OCT 2020
AD 2.15-93a	10 NOV 2016	AD 2.17-12	28 JAN 2021	AD 2.26-40	08 OCT 2020
AD 2.15-94	17 JUN 2021	AD 2.17-13	28 JAN 2021	AD 2.27-1	21 MAY 2020
AD 2.15-94a	10 NOV 2016	AD 2.17-20	05 DEC 2019	AD 2.27-2	21 MAY 2020
AD 2.16-1	03 NOV 2022	AD 2.17-20a	05 DEC 2019	AD 2.27-3	21 MAY 2020
AD 2.16-2	03 NOV 2022	AD 2.17-21	28 JAN 2021	AD 2.27-4	21 MAY 2020
AD 2.16-3	18 JUL 2019	AD 2.17-22	28 JAN 2021	AD 2.27-20	21 MAY 2020
AD 2.16-4	18 JUL 2019	AD 2.17-25	05 DEC 2019	AD 2.27-40	21 MAY 2020
AD 2.16-5	18 JUL 2019	AD 2.17-26	05 DEC 2019	AD 2.28-1	16 JUL 2020
AD 2.16-6	18 JUL 2019	AD 2.17-51	25 APR 2019	AD 2.28-2	16 JUL 2020
AD 2.16-7	30 DEC 2021	AD 2.17-51a	17 NOV 2011	AD 2.28-3	16 JUL 2020
AD 2.16-8	18 JUL 2019	AD 2.17-81	05 DEC 2019	AD 2.28-4	16 JUL 2020
AD 2.16-9	18 JUL 2019	AD 2.17-81a	05 DEC 2019	AD 2.28-20	16 JUL 2020
AD 2.16-10	18 JUL 2019	AD 2.18-1	15 JUL 2021	AD 2.28-40	16 JUL 2020
AD 2.16-11	18 JUL 2019	AD 2.18-2	15 JUL 2021	AD 3	
AD 2.16-12	18 JUL 2019	AD 2.18-3	15 JUL 2021	AD 3.2-1	22 APR 2021
AD 2.16-13	27 FEB 2020	AD 2.18-4	15 JUL 2021	AD 3.2-2	22 APR 2021
AD 2.16-20	21 APR 2022	AD 2.18-20	15 JUL 2021	AD 3.2-3	30 APR 2015
AD 2.16-20a	07 NOV 2019	AD 2.18-40	15 JUL 2021	AD 3.2-4	26 AUG 2010
AD 2.16-22	30 JAN 2020	AD 2.19-1	31 DEC 2020	AD 3.2-20	22 APR 2021
AD 2.16-25	27 FEB 2020	AD 2.19-2	30 APR 2015	AD 3.2-40	22 APR 2021
AD 2.16-26	27 FEB 2020	AD 2.19-3	29 MAY 2014	AD 3.3-1	04 JUN 2009
AD 2.16-28	18 JUL 2019	AD 2.19-4	15 JUL 2021	AD 3.3-2	07 JUN 2007
AD 2.16-29	18 JUL 2019	AD 2.19-20	15 JUL 2021	AD 3.3-3	30 APR 2015
AD 2.16-30	24 FEB 2022	AD 2.20-1	03 NOV 2022	AD 3.3-4	30 APR 2015
AD 2.16-31	24 FEB 2022	AD 2.20-2	03 NOV 2022	AD 3.3-20	25 JUN 2015
AD 2.16-32	24 FEB 2022	AD 2.20-3	05 FEB 2015	AD 3.5-1	11 AUG 2022
AD 2.16-33	24 FEB 2022	AD 2.20-4	01 APR 2019	AD 3.5-2	11 AUG 2022
AD 2.16-34	24 FEB 2022	AD 2.20-20	02 MAR 2017	AD 3.5-3	11 AUG 2022
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AD 3.6-3	13 SEP 2018				
AD 3.6-4	13 SEP 2018				
AD 3.6-20	13 SEP 2018				
AD 3.7-1	13 AUG 2020				
AD 3.7-2	13 AUG 2020				
AD 3.7-3	03 NOV 2022				
AD 3.7-4	13 AUG 2020				
AD 3.7-20	03 NOV 2022				
AD 3.7-40	13 AUG 2020				
AD 3.7-40a	13 AUG 2020				
AD 3.8-1	25 MAR 2021				
AD 3.8-2	25 MAR 2021				
AD 3.8-3	25 MAR 2021				
AD 3.8-4	25 MAR 2021				
AD 3.8-20	25 MAR 2021				

GEN 3.5 METEOROLOGICAL SERVICES

1. Responsible service

The authorisation and the supervision of the meteorological services are on behalf of Civil Aviation Authority – Air Navigation Services Division.

CIVIL AVIATION AUTHORITY
Șos. București-Ploiești Nr.38-40
Cod 013695, BUCUREȘTI
ROMANIA
AFS : L R B B Y A Y A
SITA: B U H T O Y A
PTT : 11181 AIRBUH R
TEL : +40 - (0)21 - 208.15.36
FAX : +40 - (0)21 - 208.15.22

The meteorological services for civil aviation are provided by the Romanian Air Traffic Services Administration - ROMATSA - in compliance with the requirements of the Civil Aviation Authority.

ROMANIAN AIR TRAFFIC SERVICES ADMINISTRATION - ROMATSA -
Str. Ion Ionescu de la Brad, Nr. 10, Sector 1
BUCUREȘTI
ROMANIA
AFS : L R O M Y M Y X
TEL : +40 - (0)21 - 208.33.40
+40 - (0)21 - 208.33.50
FAX : +40 - (0)21 - 208.35.81

The service is provided in accordance with the provisions contained in the following documents:

ICAO Annex 3 - Meteorological Service for International Air Navigation
ICAO Doc 7030 - Regional Supplementary Procedures
EUR-ANP - European Air Navigation Plan
Regulation (EU) 2018/1139 of the European Parliament and of the Council
Commission Implementing Regulation (EU) 2017/373
Commission Implementing Regulation (EU) No 923/2012

2. Area of responsibility

Meteorological service is provided within the BUCUREȘTI FIR.

GEN 3.5 SERVICIILE METEOROLOGICE

1. Serviciul responsabil

Asistența meteorologică pentru aviația civilă din România este autorizată și supravegheată de către Autoritatea Aeronautică Civilă Română – Direcția Servicii de Navigație Aeriană.

AUTORITATEA AERONAUTICĂ CIVILĂ
Șos. București-Ploiești Nr. 38-40
Cod 013695, BUCUREȘTI
ROMÂNIA
AFS : L R B B Y A Y A
SITA: B U H T O Y A
PTT : 11181 AIRBUH R
TEL : +40 - (0)21 - 208.15.36
FAX : +40 - (0)21 - 208.15.22

Asistența meteorologică pentru aviația civilă este asigurată de către Administrația Română a Serviciilor de Trafic Aerian - ROMATSA - conform reglementărilor elaborate de Autoritatea Aeronautică Civilă.

ADMINISTRAȚIA ROMÂNĂ A SERVICIILOR DE TRAFIC AERIAN - ROMATSA -
Str. Ion Ionescu de la Brad, Nr. 10, Sector 1
BUCUREȘTI
ROMÂNIA
AFS : L R O M Y M Y X
TEL : +40 - (0)21 - 208.33.40
+40 - (0)21 - 208.33.50
FAX : +40 - (0)21 - 208.35.81

Asistența meteorologică este asigurată în conformitate cu specificațiile conținute în următoarele documente:

Anexa 3 ICAO - Servicii Meteorologice pentru Navigația Aeriană Internațională
ICAO Doc 7030 - Proceduri suplimentare regionale
EUR-ANP - Planul European de Navigație Aeriană
Regulamentul (UE) 2018/1139 al Parlamentului European și al Consiliului
Regulamentul de punere în aplicare (UE) 2017/373 al Comisiei
Regulamentul de punere în aplicare (UE) 2012/923 al Comisiei

2. Zona de responsabilitate

Asistența meteorologică este asigurată în spațiul aerian al FIR BUCUREȘTI.

AD 1.3 INDEX TO AERODROMES AND HELIPORTS

Aerodrom/heliport name Location indicator	Type of traffic permitted to use the aerodrome/heliport			Reference to AD section and remarks
	International - National (INTL-NTL)	IFR-VFR	S=Scheduled NS=Non-scheduled P=Private	
1	2	3	4	5
Aerodromes				
ARAD/Arad LRAR	INTL - NTL	IFR - VFR	S - NS - P	AD 2.1
BACĂU/George Enescu LRBC	(INTL) - NTL	IFR - VFR	S - NS - P	AD 2.2
BAIA MARE/Maramureş LRBM	(INTL) - NTL	IFR - VFR	S - NS - P	AD 2.3
BUCUREŞTI/Băneasa-Aurel Vlaicu LRBS	INTL - NTL	IFR - VFR	S - NS - P	AD 2.4
BUCUREŞTI/Henri Coandă LROP	INTL - NTL	IFR - VFR	S - NS - P	AD 2.5
CARANSEBEŞ/Banat-Caransebeş LRCS	NTL	VFR	NS - P	AD 2.6
CLUJ NAPOCA/Avram Iancu LRCL	INTL - NTL	IFR - VFR	S - NS - P	AD 2.7
CONSTANŢA/Mihail Kogălniceanu- Constanţa LRCK	INTL - NTL	IFR - VFR	S - NS - P	AD 2.8
CRAIOVA/Craiova LRCV	(INTL) - NTL	IFR - VFR	S - NS - P	AD 2.9
IAŞI/Iaşi LRIA	INTL - NTL	IFR - VFR	S - NS - P	AD 2.10
ORADEA/Oradea LROD	(INTL) - NTL	IFR - VFR	S - NS - P	AD 2.11
SATU MARE/Satu Mare LRSM	(INTL) - NTL	IFR - VFR	S - NS - P	AD 2.12
SIBIU/Sibiu LRSB	INTL - NTL	IFR - VFR	S - NS - P	AD 2.13
SUCEAVA/Ştefan cel Mare-Suceava LRSV	(INTL) - NTL	IFR - VFR	S - NS - P	AD 2.14
TÂRGU-MUREŞ/Transilvania-Târgu Mureş LRTM	INTL - NTL	IFR - VFR	S - NS - P	AD 2.15
TIMIŞOARA/Traian Vuia LRTR	INTL - NTL	IFR - VFR	S - NS - P	AD 2.16
TULCEA/Delta Dunării LRTC	(INTL) - NTL	IFR - VFR	NS - P	AD 2.17
CISNĂDIE/Măgura LRCD	NTL	VFR	NS - P	AD 2.18
PLOIEŞTI/Gheorghe Valentin Bibescu-Ploieşti LRPW	NTL	VFR	NS - P	AD 2.19
TUZLA/Tuzla LRTZ	NTL	VFR	P	AD 2.20
BRAŞOV/Sânpetru LRSP	NTL	VFR	NS - P	AD 2.21
PITEŞTI/Geamăna LRPT	NTL	VFR	NS - P	AD 2.23
DEVA/Săuleşti-Constantin Manolache LRDV	NTL	VFR	NS - P	AD 2.24
<i>Remarks: (INTL) - opened to international traffic only in certain circumstances; - for details, see AD section for each aerodrome.</i>				

1	2	3	4	5
ARAD/Charlie-Bravo Şiria LRCB	NTL	VFR	NS - P	AD 2.25
BISTRIŢA/Bistriţa LRBN	NTL	VFR	NS - P	AD 2.26
GRĂDIŞTEA/Grădiştea LRBA	NTL	VFR	NS - P	AD 2.27
CLINCENI/Clinceni LRCN	NTL	VFR	NS - P	AD 2.28
<i>Remarks: (INTL) - opened to international traffic only in certain circumstances; - for details, see AD section for each aerodrome.</i>				

1	2	3	4	5
Heliports				
GHIMBAV/IAR BRAŞOV LRBG	NTL	VFR	NS - P	AD 3.2
BRAŞOV/Cobrex LRCX	NTL	VFR	NS - P	AD 3.3
NĂVODARI//Midia-Constanţa LRMC	NTL	VFR	NS - P	AD 3.5
GHIMBAV/MIR AERO-Braşov LRMA	NTL	VFR	NS - P	AD 3.6
ORADEA/SMURD BH 2 LRHO	NTL	VFR	NS - P	AD 3.7
OŞORHEI/Dogaru LRDD	NTL	VFR	P	AD 3.8

**AD 1.5 AERODROME/HELIPORT CERTIFICATION STATUS
STATUTUL CERTIFICĂRII AERODROMURILOR/HELIPORTURILOR**

<i>Aerodrome name Location indicator</i>	<i>Date of initial certification Data certificării inițiale</i>	<i>Certificate validity Valabilitatea certificatului</i>	<i>Remarks Observații</i>
1	2	3	4
ARAD/Arad LRAR	15.04.2002	Unlimited	AD 2.1
ARAD/Charlie-Bravo Șiria LRCB	20.10.2014	01.12.2020	AD 2.25
BACĂU/George Enescu LRBC	01.09.2002	Unlimited	AD 2.2 Civ / Mil
BAIA MARE/Maramureș LRBM	10.07.2002	Unlimited	AD 2.3
BISTRIȚA/Bistrița LRBN	23.03.2017	05.06.2020	AD 2.26
BUCUREȘTI/Băneasa-Aurel Vlaicu LRBS	15.07.2002	Unlimited	AD 2.4
BUCUREȘTI/Henri Coandă LROP	30.04.2002	Unlimited	AD 2.5 Civ / Mil
CARANSEBEȘ/Banat-Caransebeș LRCS	29.05.2020	04.05.2021	AD 2.6
CISNĂDIE/Măgura LRCD	23.06.2008	18.10.2021	AD 2.18
CLINCENI/Clinceni LRCN	24.05.2016	01.07.2023	AD 2.28
CLUJ NAPOCA/Avram Iancu LRCL	15.06.2002	Unlimited	AD 2.7
CONSTANȚA/Mihail Kogălniceanu- Constanța LRCK	10.06.2002	Unlimited	AD 2.8 Civ / Mil
CRAIOVA/Craiova LRCV	25.04.2002	Unlimited	AD 2.9
CRAIOVA/Craiova-Sud LRCW	19.10.2011	15.09.2022	Not published
DEZMIR/Dezmir LRCJ	04.01.2019	01.11.2023	Not published
GRĂDIȘTEA/Grădiștea LRBA	26.08.2019	Unlimited	AD 2.27
DEVA/Săulești-Constantin Manolache LRDV	13.10.2011	01.09.2023	AD 2.24
IAȘI/Iași LRIA	30.05.2002	Unlimited	AD 2.10
IAȘI/Iași Sud LRIS	25.07.2011	01.09.2023	Not published
ORADEA/Oradea LROD	20.08.2002	Unlimited	AD 2.11
PITEȘTI/Geamăna LRPT	10.10.2011	01.09.2023	AD 2.23
PLOIEȘTI/Gheorghe Valentin Bibescu - Ploiești LRPW	26.07.2007	17.09.2022	AD 2.19
SATU MARE/Satu Mare LRSM	10.07.2002	Unlimited	AD 2.12
SÂNPETRU/Sânpetru LRSP	22.02.2010	20.08.2022	AD 2.21
SIBIU/Sibiu LRSB	30.07.2002	Unlimited	AD 2.13
SUCEAVA/Ștefan cel Mare-Suceava LRSV	01.09.2002	Unlimited	AD 2.14
TĂUȚII MĂGHERĂUȘ/Tăuții- Măgherăuș LRMM	12.07.2016	01.06.2023	Not published

<i>Aerodrome name Location indicator</i>	<i>Date of initial certification Data certificării inițiale</i>	<i>Certificate validity Valabilitatea certificatului</i>	<i>Remarks Observații</i>
1	2	3	4
TÂRGU-MUREȘ/Mureșeni LRMS	26.05.2011	25.07.2022	Not published
TÂRGU-MUREȘ/Transilvania-Târgu Mureș LRTM	20.06.2002	Unlimited	AD 2.15
TIMIȘOARA/Traian Vuia LRTR	01.10.2003	Unlimited	AD 2.16 Civ / Mil
TULCEA/Delta Dunării LRTC	03.10.2002	Unlimited	AD 2.17
TUZLA/Tuzla LRTZ	15.11.2004	01.09.2024	AD 2.20

<i>Heliport name Location indicator</i>	<i>Date of initial certification Data certificării inițiale</i>	<i>Certificate validity Valabilitatea certificatului</i>	<i>Remarks Observații</i>
1	2	3	4
BALC/Complex Vânătoare Fagu-Balc LRFB	07.08.2012	Unlimited	Not published
BRAȘOV/Cobrex LRCX	02.07.2002	01.08.2021	AD 3.3
BUCUREȘTI/Aviația Utilitară LRAU	17.07.2019	15.07.2020	Not published
BUCUREȘTI/Spitalul Universitar de Urgență (SUUB)	03.12.2019	29.11.2020	Not published
BUCUREȘTI/West Gate LRWG	30.06.2014	26.07.2020	Not published
CONSTANȚA/Punct de Operare Aeromedicală SMURD LRCH	07.03.2016	09.08.2020	Not published
CONSTANȚA/Heliplatforma Centrală	14.04.2002	19.09.2020	Not published
CONSTANȚA/Heliplatforma PGSU 3	14.04.2002	19.09.2020	Not published
CONSTANȚA/Heliplatforma PGSU 6	14.04.2002	19.09.2020	Not published
CONSTANȚA/Heliplatforma PGSU 7	14.04.2002	19.09.2020	Not published
CONSTANȚA/Heliplatforma Gloria	14.04.2002	19.09.2020	Not published
GHIMBAV/IAR BRAȘOV LRBG	17.06.2009	25.11.2022	AD 3.2
GHIMBAV/MIR AERO-Brașov LRMA	26.10.2017	01.10.2022	AD 3.6
MOARA VLĂSIEI/Moara Vlăsiei- Becker LRBK	03.07.2002	01.08.2020	Not published
NĂVODARI/Midia-Constanța LRMC	11.12.2014	15.10.2023	AD 3.5
OITUZ/PA&CO LRCC	23.06.2008	01.10.2022	Not published
ORADEA/SMURD BH 2 LRHO	20.03.2017	01.05.2024	AD 3.7
OȘORHEI/Dogaru LRDD	30.07.2020	28.07.2021	AD 3.8

LRTM AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRTM - TÂRGU MUREŞ / Transilvania - Târgu Mureş

LRTM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	462804N 0242445E Runway centre.
2	Direction and distance from city	225°, 14 km from Târgu Mureş.
3	Elevation/Reference temperature/Mean low temperature	963 FT / 29.9°C / -15.0°C
4	Geoid undulation at AD ELEV PSN	129 FT
5	MAG VAR/ Annual rate of change	5°E (2015) / 2.4'E
6	AD Administration, address, telephone, telefax, e-mail, AFS, website	Aeroportul Târgu Mureş/Transilvania, Loc. Vidrasău, Oraş Ungheni, cod 547612 Tel: + 40-(0)265-328888 (Office) + 40-(0)265-328259 (Information) Telefax: + 40-(0)265-263050 (Operations) + 40-(0)265-328258 (Handling) Fax: + 40-(0)265-328257 (Office) e-mail: office@transylvaniaairport.ro operations@transylvaniaairport.ro handling@transylvaniaairport.ro web: www.transylvaniaairport.ro AFS: LRTMRAYD SITA: TGMYDXH
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Helicopter flights permitted.

LRTM AD 2.3 OPERATIONAL HOURS

1	AD Administration	S: 0530-1700; W: 0630-1800
2	Customs and immigration	As AD Administration
3	Health and sanitation	As AD Administration
4	AIS Briefing Office	H24
5	ATS Reporting Office (ARO)	H24
6	MET Briefing Office	H24
7	ATS	H24
8	Fueling	As AD Administration
9	Handling	As AD Administration
10	Security	As AD Administration
11	De-icing	As AD Administration
12	Remarks	Outside the operational hours services are available O/R submitted to the AD with 24 hours in advance.

LRTM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	1 passenger crew minibus, 1 heater, 2 conveyor belt truck up to 3,5t, 1 electric car with trolley up to 3 t, 1 GPU 28.5V, 1 GPU 115V-200V, 400Hz, 1 GPU 115V/400 Hz and 28.5V, 2 passenger stairs, 1 air starter, 2 self propelled passengers stairs, lavatory service vehicle, potable water vehicle, 1 self propelled GSE towing car, 1 ambulift vehicle.
2	Fuel/Oil types	Jet A1 / NIL
3	Fueling facilities/capacity	1 refueling truck with 25.750 l capacity, refueling rate: 800 l /min 1 storage of fuel 80m ³
4	De-icing facilities	1 de-icing/anti-icing units with fluid type II
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

LRTM AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in the city.
2	Restaurants	Snack-bar and restaurant on the AD.
3	Transportation	Buses, taxis.
4	Medical facilities	First aid on the AD. Ambulance on the AD, Surgery on AD. Hospitals in the city.
5	Bank and Post Office	Exchange office on AD, ATM on AD.
6	Tourist Office	In the city.
7	Remarks	Rent a car offices on AD.

LRTM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: CAT 7
2	Rescue equipment	2 vehicle with extrication equipment.
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

LRTM AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	2 tractors with blade and brush, 1 truck with plough, brush, turbo blower and liquid spreading runway deicing, 1 tractor with plough and brush, 1 solid materials spreading equipment, 1 snow blower, 1 truck with plough, brush and turbo blower.
2	Clearance priorities	1. RWY 07/25 2. Associated TWY B to Apron 1 TWY A to Apron 2 3. Apron 4. Other surfaces
3	Remarks	Information on RWYCC reported by SNOWTAM are issued in the context of the GRF. Information on the progress of the snow removal and the conditions of the movement area are provided by Ground Operations Service - Tel.: +40 758 222 530. See also the snow plan in section AD 1.2. Fluids used for RWY de/anti-icing: KFOR potassium formate. Solid materials used for RWY de/anti-icing: NAFO sodium formate.

LRTM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron designation, surface and strength	Designation: Apron 1 Apron 2 Surface: Concrete Concrete Strength: PCN 79/R/D/W/T Stands 06-07 PCN 137/R/D/W/T Stands 04-05 PCN 27/R/D/W/T
2	Taxiway designation, width, surface and strength	Width: TWY A TWY B 30 M 23 M Surface: Asphalt Asphalt Strength: PCN 64/F/D/W/T PCN 71/F/D/W/T
3	ACL location and elevation	Location: Apron 1 Apron 2 Elevation: 964 FT (294 M) 964 FT (294 M)
4	VOR checkpoints	NIL
5	INS checkpoints	See Aircraft Parking/Docking Chart AD 2.15-22/22a.
6	Remarks	RWY turn pad: Location THR 07 and THR 25 Surface: Asphalt Strength: PCN 70/F/D/W/T

LRTM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system at aircraft stands	Aircraft stand ID signs: NIL. TWY guide lines: provided for TWY A ,B. Visual docking guidance system of aircraft stands: NIL. Taxiing guidance signs at intersection with TWY and RWY, at holding positions. Guide lines on the apron. Nose-in guidance at aircraft stands.
2	RWY and TWY markings and LGT	RWY: - markings: designation, THR, centre line, edges, marked as appropriate, aiming point, TDZ, turn pad. Centre line, holding position at RWY/TWY intersections marked, edge lines. - lights: runway edges lights, THR lights, runway end lights, runway centerline lights, TDZ lights on RWY 07, wing bar lights on RWY 07. TWY A, B: - markings: color yellow, center line, edges, enhanced centerline, runway designator marking. - lights: centerline lights, taxiway edges lights, stop bar lights, runway guard lights.
3	Stop bars and runway guard lights	TWY A, B: Stop bars and runway guard lights at holding position. TWY A, B: Mandatory instruction marking at holding positions, enhanced taxiway centre line marking.
4	Other RWY protection measure	NIL
5	Remarks	Aircraft must follow stand guidelines with COCKPIT OVER THE CENTER LINE.

LRTM AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
1	POLE	462802.4N 0242414.6E	994/35	MARKED/LGTD R	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
2	POLE	462801.2N 0242414.5E	984/24	MARKED/LGTD R	
3	POLE	462753.6N 0242412.0E	976/20	MARKED/LGTD R	
4	NAVAID	462754.4N 0242416.1E	1011/56	MARKED/LGTD R	
5	NAVAID	462754.3N 0242416.4E	975/20	MARKED/LGTD R	
7	POLE	462754.1N 0242418.0E	990/35	MARKED/LGTD R	

2.2 Departure Information

Departure from	Instruction given by ATC			Via TWY	RWY in use	Instructions	Remarks
	Route to be follow	Name of Standard Taxi Route	To				
Stand number 4/5/6/7	Standard taxi route	Departure 07	Active RWY	A	RWY07	TWY A, turn LEFT, taxi to the end of the RWY and line-up.	NIL
		Departure 25		A	RWY25	TWY A, taxi to THR, enter and line-up	
Stand number 1/2/3	Standard taxi route	Departure 07	Active RWY	B	RWY07	TWY B, turn LEFT, taxi to the end of the RWY and line-up.	NIL
		Departure 25		B	RWY25	TWY B, turn RIGHT, taxi to the end of the RWY and line-up.	
		Departure 25		B ¹	RWY25	TWY B, taxi to RWY, enter and line-up	See bellow B ¹ remarks. (TORA 1795m) Not available in LVO.

B¹ Aircraft departing from RWY 25 may line-up from intersection of TWY B with RWY25 (TORA 1795m) or may use THR 25 turn pad, according to airline's Standard Operating Procedure.

Pentru decolarea de pe pista 25, aeronavele se pot alinia de la intersecția pistei 25 cu TWY B (TORA 1795m) sau pot utiliza platforma de întoarcere de la THR 25, conform procedurilor **Standard de Operare** ale companiei aeriene.

LRTM AD 2.21 NOISE ABATEMENT PROCEDURES

- See AD 1.1-3 -

The APU is permitted functioning maximum 15 minutes after BLOCK ON TIME and may be started with maximum 30 minutes before STD.

La aterizare, aeronavele pot menține APU în funcțiune maxim 15 minute de la ora BLOCK ON TIME. La decolare APU poate fi pornit cu maxim 30 minute înainte de STD.

LRTM AD 2.22 FLIGHT PROCEDURES / PROCEDURI DE ZBOR**1. P-RNAV requirements / Cerințe P-RNAV**

RNAV SID and STAR procedures within NAPOC TMA are based on DME-DME sensors and designed in accordance with RNAV-1 (P-RNAV) criteria. RNAV-1 (P-RNAV) approval is required to conduct these procedures without additional restrictions.

RNAV-1 (P-RNAV) approved aircraft operators shall fill-in accordingly the flight plan.

Expect direct routing/shortcuts by ATC whenever possible (especially during off-peak hours). The turn to final approach is usually performed by radar vectors to expedite traffic handling and for separation reasons.

On all RWY directions, tactical points for non-standard shorter approach are established: RUTUV for TM RWY07, ETEPA for TM RWY25. These points may be used only after request/approval of air crews.

Vertical planning information: air crews should plan for possible descent clearance in accordance with vertical restrictions specified on STAR charts. Actual descent clearance will be as directed by ATC.

In case a published climb gradient can not be respected, air crews should request non-standard departure before startup.

Procedurile SID și STAR RNAV din TMA NAPOC se bazează pe senzori DME-DME și sunt proiectate în conformitate cu criteriile RNAV-1 (P-RNAV). Pentru operarea acestor proceduri fără restricții suplimentare, este necesară aprobarea RNAV-1 (P-RNAV).

Operatorii aeronavelor aprobate RNAV-1 (P-RNAV) trebuie să completeze corespunzător planul de zbor.

Ori de câte ori este posibil, ATC va acorda autorizări "direct-to" (îndeosebi în afara perioadelor de vârf). Virajul către apropierea finală este de obicei efectuat prin vectorizare radar, pentru a fluidiza traficul și pentru asigurarea eșalonării. Sunt stabilite puncte tactice pentru apropieri non-standard mai scurte: RUTUV pentru TM RWY07, ETEPA pentru TM RWY25. Aceste puncte pot fi utilizate numai la cererea sau cu acordul echipajului.

Informații privind planificarea profilului de zbor vertical: se recomandă ca echipajele să efectueze planificarea zborului pentru o posibilă autorizare a coborârii în conformitate cu restricțiile verticale specificate pe harta STAR. Coborârea se va efectua însă în conformitate cu instrucțiunile ATC.

În cazul în care un gradient de urcare publicat nu poate fi respectat, se recomandă ca echipajele să solicite o decolare non-standard înainte de pornirea motoarelor.

2. LOW VISIBILITY PROCEDURES / PROCEDURI ÎN CONDIȚII DE VIZIBILITATE REDUSĂ

1. Low visibility procedures - LVP

During low visibility operation, ATC capacity is reduced. To ensure aircraft safety and an optimal ATC capacity, Transilvania Târgu-Mureș Airport applies Low Visibility Operating Procedures, LVP, approved by the Romanian Civil Aeronautical Authority.

1.1 Description of facilities

- a) Runway 07 is equipped with ILS and is certified for CAT II (RVR not less than 300m) operations.
- b) Runway 07 is certified for low visibility take-off - LVTO (RVR not less than 125m) operations.
- c) Runway 25 is certified for low visibility take-off - LVTO (RVR not less than 125m) operations.
- d) ILS GP and LOC critical and sensitive areas are protected during LVP and LVTO operations.
- e) Runway 07/25 - edges lights, THR lights, runway end lights, runway centerline lights, TDZ lights on RWY 07.
- f) TWY A/TWY B - equipped with edge lights, axial lights and input / output alignments at RWY holdline position lights, stop bar lights, guard lights.
- g) FOLLOW ME car equipped as required.

2. Criteria for the initiation and termination of LVP

- 2.1 Approach and landing
 - a) The preparation phase will be implemented when visibility falls below 1500m and is deteriorated to 800m or ceiling is 500ft and is deteriorated to 200ft and CAT II operations are expected;
 - b) The operation phase will be commenced when the RVR falls below to 600m (visibility falls below 800m) or ceiling is below 200ft;
 - c) LVP will be terminated when RVR is greater than 800m and ceiling is greater than 300ft and a continuing improvement in these conditions is anticipated.
- 2.2 Take-off
 - a) LVP operations will be provided when requested by an aircraft operator to conduct LVTO when the RVR is below 400m;
 - b) If LVP operations are not in force, LVTO must be requested a minimum of 30 minutes in advance **EOBT/CTOT** to permit the appropriate preparations.

3. Details of runway exits

- 3.1 Runway exits are equipped with green/yellow coded taxiway centerline lights.
- 3.2 Pilots shall report "RUNWAY VACATED MARSHALLER IN SIGHT" only after aircraft passed the green/yellow coded taxiway centre line lights section of taxiways A and B.

4. Any ground movements restrictions

- 4.1 All movements on the manoeuvring area to/from RWY 07/25 must be made using **only the Standard Taxi Routes corresponding TWY B**.
- 4.2 Upon receiving taxi clearance, aircraft must only proceed when a green centerline path is illuminated.
- 4.3 During LVTO, taxiing is normally restricted to one movement at a time. Operation of vehicles on the manoeuvring area is not permitted when LVTO is in progress.
- 4.4 Stop Bar lights permanently on in LVP.

1. Proceduri în condiții de vizibilitate redusă - LVP

Pe timpul operării în condiții de vizibilitate redusă, capacitatea ATC este redusă. Pentru a asigura siguranța aeronavelor și o capacitate ATC optimă, Aeroportul Transilvania Târgu-Mureș aplică proceduri de operare în condiții de vizibilitate redusă, LVP, aprobate de Autoritatea Aeronautică Civilă Română.

1.1 Descrierea facilităților

- a) Pista 07 este echipată cu ILS și este certificată pentru desfășurarea operațiunilor CAT II (RVR nu mai mic de 300m).
- b) Pista 07 este certificată pentru decolare în condiții de vizibilitate redusă - LVTO (RVR nu mai mic de 125m).
- c) Pista 25 este certificată pentru decolare în condiții de vizibilitate redusă - LVTO (RVR nu mai mic de 125m).
- d) Zonele critice și sensibile ILS GP și LOC sunt protejate pe timpul operațiunilor LVP și LVTO.
- e) Pista 07/25 - balizaj marginal, lumini de prag și capăt de pistă, lumini de balizaj axial, lumini TDZ pista 07.
- f) TWY A/TWY B - balizaj - lumini marginale, linia de centru și aliniamente intrare/ieșire la pistă, lumini poziția liniei de așteptare, lumini bareta stop, lumini de gardă.
- g) Autovehiculul FOLLOW ME, echipat conform cerințelor.

2. Criterii pentru inițierea și terminarea LVP

- 2.1 Aproximarea și aterizarea
 - a) Faza de pregătire va fi implementată atunci când vizibilitatea scade sub 1500m și are tendința de 800m sau plafonul este de 500ft și are tendința de 200ft și sunt prevăzute declanșarea operațiunilor CAT II;
 - b) Faza operațională va fi declanșată atunci când valoarea RVR scade sub 600m (vizibilitatea orizontală scade sub 800m) sau plafonul este sub 200ft;
 - c) Procedurile în condiții de vizibilitate redusă vor fi încheiate atunci când valoarea RVR este mai mare de 800m și plafonul este mai mare de 300ft și este anticipată îmbunătățirea continuă a acestor condiții.
- 2.2 Decolarea
 - a) Operațiunile de vizibilitate redusă vor fi declanșate când există solicitarea unui operator aerian să decoleze când RVR este mai mică de 400m;
 - b) Dacă procedurile în condiții de vizibilitate redusă nu sunt declanșate, LVTO trebuie solicitată cu 30 minute înainte **EOBT/CTOT** pentru a permite pregătirile corespunzătoare LVTO.

3. Detalii privind eliberarea pistei

- 3.1 Racordurile pistei cu căile de rulare sunt echipate cu lumini axiale codificate verde/galben.
- 3.2 Piloții vor raporta "PISTA ELIBERATĂ, DISPECER SOL LA VEDERE" numai după ce aeronava a depășit segmentul codat cu lumini verde/galben al axului căilor de rulare A și B.

4. Restricții privind mișcarea la sol

- 4.1 Toate mișcările pe suprafața de manevră spre/dinspre pista 07/25 trebuie făcute utilizând **doar Rutele de Rulare Standard corespunzătoare TWY B**.
- 4.2 După obținerea autorizării de rulare, aeronava trebuie să înceapă rularea doar atunci când luminile verzi axiale au fost aprinse.
- 4.3 În timpul LVTO rularea pe suprafața de manevră este restricționată la o singură aeronavă. Operarea vehiculelor pe suprafața de manevră nu este permisă când LVTO este în desfășurare.
- 4.4 Luminile Stop Bar aprinse permanent în condiții LVP.

LRTR AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LRTR - TIMIȘOARA / Traian Vuia

LRTR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP co-ordinates and site at AD	454835N 0212016E Runway center.
2	Direction and distance from city	45°, 11 km from Timișoara.
3	Elevation/Reference temperature/Mean low temperature	348 FT / 31.3°C / -11.6°C
4	Geoid undulation at AD ELEV PSN	142 FT
5	MAG VAR/ Annual rate of change	5°E (2017) / 7.2'E
6	AD Administration, address, telephone, telefax, e-mail, AFS, website	S.N. Aeroportul Internațional Timișoara Traian Vuia S.A., Str. Aeroport Nr. 2, 307210 Ghiroda, România Call Center: + 40-(0)256-386089 Fax: + 40-(0)256-490705 Tel/Fax Dispecerat: + 40-(0)256-493123 e-mail: office@aerotim.ro AFS: LRTRRAYD SITA: TSRAP8X Website: www.aerotim.ro
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	For operational (OPS) requests, use e-mail dispatch@aerotim.ro (H24).

LRTR AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	H24
3	Health and sanitation	H24
4	AIS Briefing Office	H24, see GEN 3.1-5.
5	ATS Reporting Office (ARO)	H24, see ENR 1.10-2.
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	H24
9	Handling	H24
10	Security	H24
11	De-icing	H24
12	Remarks	Notification, on requested services, shall be addressed at: Fax: +40-(0)256-493123 (H24) AFTN: LRTRRAYD SITA: TSRAP8X (H24) Lack of prior notification may cause delays in service delivery. Aircraft having ACN higher than 44 are subject to prior permission request, in accordance with AD 2.20 Local aerodrome regulation point 1.1.2.

LRTR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	1 hi-loader of 7t, 1 hi-loader of 5t, 5 conveyor belts, 2 fork-lifts, 6 ramp tractors, 20 cargo carts, 12 dollies for ULDs, 4 GPU, 1 Airstarter unit, 1 cooling/heating equipment, 1 potable water vehicle, 2 lavatory service vehicles, 3 airport passenger buses, 2 equipments for towing/push-back (1 with tow-bar for: ATR 42/72; CRJ-70,90,100; EMB170-195; A319,320,321; B737 200-800 and 1 towbarless for: A319,320,321; B737 300-800, B757).
2	Fuel/Oil types	Kerosene Th type JET A1/NIL
3	Fuelling facilities/capacity	NIL
4	De-icing facilities	2 de-icing/anti-icing units with type I and type II fluids
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	Preliminary briefing, requests of operating permissions on aerodrome and handling shall be sent only at: Fax: +40-(0)256-493123 (H24) AFTN: LRTRRAYD SITA: TSRAP8X (H24) Any other way of contact may cause delays.

LRTR AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in the city.
2	Restaurants	Restaurant on the AD.
3	Transportation	Buses, taxis, rent-a-car.
4	Medical facilities	Ambulance and first aid on the AD. Hospitals in the city.
5	Bank and Post Office	ATM on the AD. Bank and Post Office in the city.
6	Tourist Office	In the city
7	Remarks	NIL

LRTR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 7
2	Rescue equipment	Hydraulic spreader SP 4240C, Hydraulic cutter CU 4035 NCT II, Ram RA 4321, Core hoses AH 10YU and C15 OU, Spreader accessories RA 4321, Lifting Airbag 18tf HLB 18, Pressure reducer PRV 823, Pulling chains (with hooks) for hydraulic spreader, Combined tool (cutter and spreader), Connecting hydraulic hose, Chainsaw with disk, 2 x electric abrasive disk cutter - type EK 8100, 2 x combined electric device (spreader/cutter) type SC258E, 2 x electric oscillating mini chainsaw - type DJR183RFE.
3	Capability for removal of disabled aircraft	Cranes AVBL via contractor.
4	Remarks	NIL

LRTR AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	1 snow blower, 3 tractors with snow ploughs, 2 trucks/plugs/spreaders for liquid/solid de-icing materials
2	Clearance priorities	1. RWY 11/29 2. TWY's A, B, C and L. 3. Apron.
3	Remarks	1. RCR is used for reporting assessed condition through the issuance of SNOWTAM, when necessary. See also the snow plan in section AD 1.2. 2. RWY de/anti-icing substances type used: Potassium acetate fluid (KAC), Potassium formate fluid (KFOR) and UREA. 3. Snow removal operations are done with the RWY being temporarily closed (see NOTAMs in force for LRTR aerodrome).

LRTR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron designation, surface and strength	Surface: Concrete Strength: 35/R/B/W/T
2	Taxiway designation, width, surface and strength	Width: 23 M (A,B,L), 33 M (C) Surface: Asphalt (A,B), Concrete (C,L) Strength: 70/R/C/W/T (A), 35/R/B/W/T (B), 80/R/D/W/T (C,L)
3	ACL location and elevation	Location: At Apron. Elevation: 341 FT / 104 M
4	INS checkpoints	INS: See AD 2.16-22
5	Remarks	RWY turning bay: Location: THR 29 Surface: Concrete Dimensions: 100 M x 27 M Strength: 42/R/B/W/T TWY P – available for towed aircrafts only. TWY D and TWY E – available for military traffic only.

LRTR AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system at aircraft stands	Taxi directions into aircraft parking positions, taxi guidance lines with designators nose-in guidance at aircraft stands. Stands parking assistance provided by marshaller.
2	RWY and TWY markings and LGT	RWY: - markings: Color white: Designation, THR, TDZ, centre line, edges, aiming point and RWY side stripe. - lights: THR and wing bar lights, centre line lights, end lights, edge lights, TDZ lights for 11 and 29. TURN PAD (at THR 29): - markings: Color yellow: centre line, edges. - lights: turn pad centre line lights. TWY: - markings: Color yellow: centre line, RWY holding position, edges. Enhanced centre line marking on TWY A and TWY C. - lights: TWY centre lights on TWY A, B, C, L, edge lights on TWY A, B, C, L.
3	Stop bars and runway guard lights	Stop bars on TWY A and TWY C (that are permanently lighted red). Guard Lights on TWY B (that are permanently lighted).
4	Other RWY protection measure	NIL
5	Remarks	NO ENTRY BAR on TWY B permanently lighted red. See following chart AD 2.16-20a.

LRTZ AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRTZ - TUZLA / Tuzla**LRTZ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	435903N 0283635E / 63 M from THR22
2	Direction and distance from city	12 NM South Constanța
3	Elevation/Reference temperature	164 FT / 23.6°C
4	Geoid undulation at AD ELEV PSN	112 FT
5	MAG VAR/ Annual rate of change	5°E (2010)
6	AD Administration, address, telephone, telefax, e-mail, AFS, website	SC REGIONAL AIR SERVICES SRL Tuzla-Aerodrom Tuzla, Com. Tuzla, Jud. Constanța Tel: +40-(0)241-694402, +40-(0)742-055096 Fax: +40-(0)241-733450 AFS: LRTZADYD SITA: - e-mail: aeroport@regional-air.ro office@regional-air.ro web: www.regional-air.ro
7	Types of traffic permitted (IFR/VFR)	VFR
8	Remarks	NIL

LRTZ AD 2.3 OPERATIONAL HOURS

1	AD Administration	MON-FRI W: 0600-1430 S: 0500-1330
2	Customs and immigration	NIL
3	Health and sanitation	NIL
4	AIS Briefing Office	NIL
5	ATS Reporting Office (ARO)	NIL
6	MET Briefing Office	NIL
7	ATS	NIL
8	Fuelling	As AD administration
9	Handling	As AD administration
10	Security	H24
11	De-icing	NIL
12	Remarks	PPR Requests shall be received by the AD during the regular duty hours from MON-FRI W: 0600-1430 S: 0500-1330 on the email address: aeroport@regional-air.ro. For operators flying to LRTZ on a regular basis, multiple ARR/DEP PPR can be issued.

LRTZ AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Truck 1500Kg and minivan for passengers.
2	Fuel/Oil types	JET A1 AVGAS
3	Fuelling facilities/capacity	JET A1: 1 fuel truck 4700 l, 2 x 60 m ³ fuel tanks. AVGAS: 1 fuel truck 950 l, one 10 m ³ fuel tank.
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	1200 m ² , maximum height 6 m
6	Repair facilities for visiting aircraft	An-2, Ka-26, PZL 104 WILGA Diamond DA20; DA40; DA42
7	Remarks	OPC (Operational Control) on frequency 131.475 MHz not available for ATS.

LRTZ AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in the city.
2	Restaurants	Restaurant on the AD (MON-SAT W: 0700-1600 S: 0600-1500).
3	Transportation	Minibus at AD, taxis from the city.
4	Medical facilities	First aid at AD. Hospitals in the city.
5	Bank and Post Office	In the city.
6	Tourist Office	In the city
7	Remarks	NIL

LRTZ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: CAT 3.
2	Rescue equipment	NIL
3	Capability for removal of disabled aircraft	One truck only for An-2, Ka-26.
4	Remarks	NIL

LRTZ AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	1 tractor with blade
2	Clearance priorities	1. Heliport 2. Apron
3	Remarks	Clearing equipment is not used on grass surface.

LRTZ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron designation, surface and strength	Surface: Grass + concrete Strength: 5700 Kg
2	Taxiway designation, width, surface and strength	Width: 25M Surface: Grass Strength: 5700 Kg
3	ACL location and elevation	NIL
4	VOR checkpoints	NIL
5	INS checkpoints	NIL
6	Remarks	NIL

LRTZ AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	NIL
2	RWY and TWY markings	RWY: Edge marked (red, yellow, white markers) TWY: Edge marked (blue), holding position (blue, red)
3	Stop bars	NIL
4	Remarks	NIL

LRTZ AD 2.10 AERODROME OBSTACLES

In approach / TKOF areas			In circling area and at AD		Remarks
1			2		3
RWY/Area affected	Obstacle type	Coordinates	Obstacle type	Coordinates	NIL
			Elevation		
a	Markings/LGT	b	Markings/LGT		
NIL	NIL	c	NIL	NIL	

LRTZ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	NIL
2	Hours of service MET Office outside hours	NIL
3	Office responsible for TAF preparation Periods of validity	NIL
4	Type of landing forecast Interval of issuance	NIL
5	Briefing / consultation provided	NIL
6	Flight documentation Language(s) used	NIL
7	Charts and other information available for briefing or consultation	NIL
8	Supplementary equipment available for providing information	NIL
9	ATS units provided with information	NIL
10	Additional information (limitation of service, etc.)	NIL

LRHO AD 3.12 HELIPORT DATA

1	<i>Heliport type</i>	Elevated heliport
2	<i>TLOF dimensions</i>	15 M x 15 M
3	<i>FATO, GEO bearing</i>	220.00° / 079.00°
4	<i>FATO dimensions and SFC type</i>	15 M x 15 M Concrete
5	<i>TLOF, SFC and BRG strength</i>	Concrete 3 T
6	<i>Coordinates of geometric centre TLOF or THR of FATO and geoid undulation</i>	470351.06N 215714.59E 135 FT
7	<i>TLOF/FATO, elevation and slope</i>	538 FT / 0.75% slope
8	<i>Safety area dimensions</i>	24 M x 24 M
9	<i>HEL, CWY dimensions</i>	NIL
10	<i>Obstacle-free sector</i>	NIL
11	<i>Remarks</i>	NIL

LRHO AD 3.13 DECLARED DISTANCES

<i>RWY designator</i>	<i>TODAH (M)</i>	<i>RTODAH (M)</i>	<i>LDAH (M)</i>	<i>Remarks</i>
22 APCH	NIL	NIL	15	NIL
07 APCH	NIL	NIL	15	NIL
04 TKOF	15	15	NIL	NIL
25 TKOF	15	15	NIL	NIL

LRHO AD 3.14 APPROACH AND FATO LIGHTING

1	<i>APP LGT system type, LEN, INTST</i>	5 white lights on 07 APCH and 5 white lights on 22 APCH
2	<i>Type of visual approach slope indicator system</i>	APAPI 4.5°, for approach on track 075°.
3	<i>FATO area LGT characteristics and location</i>	NIL
4	<i>Aiming point LGT characteristics and location</i>	NIL
5	<i>TLOF LGT system characteristics and location</i>	20 green lights
6	<i>Remarks</i>	NIL

LRHO AD 3.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>Heliport BCN location and characteristics</i>	470350.37N 0215714.93E On the rooftop of A Wing Hospital of Oradea County Emergency Hospital, issuing successive series of white light, short, separated by intervals / flash code. "H" Morse.
	<i>Hours of operation</i>	H24.
2	<i>WDI location and LGT</i>	2 WDI located at: 470350.52N 0215715.13E and 470350.34N 0215714.69, lighted.
3	<i>TWY edge and centre line lighting</i>	NIL
4	<i>Secondary power supply/switch-over time</i>	Secondary power supply to all lighting on the heliport / Switch - over time between 7-10 s.
5	<i>Remarks</i>	NIL

LRHO AD 3.16 ATS AIRSPACE

1	<i>Designation and lateral limits</i>	NIL
2	<i>Vertical limits</i>	NIL
3	<i>Airspace classification</i>	NIL
4	<i>ATS unit call sign Language(s)</i>	NIL
5	<i>Transition altitude</i>	NIL
6	<i>Hours of applicability</i>	NIL
7	<i>Remarks</i>	For airspace see LROD AD 2.17 ATS AIRSPACE



LRHO AD 3.17 ATS COMMUNICATION FACILITIES

For communications see LROD AD 2.18 ATS Communication Facilities

LRHO AD 3.18 RADIO NAVIGATION AND LANDING AIDS

- NIL -

LRHO AD 3.19 LOCAL HELIPORT REGULATIONS

Only performance class 1 and 2 helicopters are permitted to operate. In the sector 110° clockwise to 230° approaches not permitted.

Sunt autorizate să funcționeze doar elicopterele de clasa 1 și 2. În sectorul 110° - 230° (în sensul acelor de ceasornic) apropierea nu sunt permise.

LRHO AD 3.20 NOISE ABATEMENT PROCEDURES

- NIL -

LRHO AD 3.21 FLIGHT PROCEDURES

- NIL -

LRHO AD 3.22 ADDITIONAL INFORMATION

- NIL -

LRHO AD 3.23 CHARTS RELATED TO THE HELIPORT

Heliport Chart - ICAOAD 3.7-20
Visual Operations ChartAD 3.7-40

HELIPORT CHART - ICAO

47°03'51"N
021°57'15"E
ELEV 538 FT

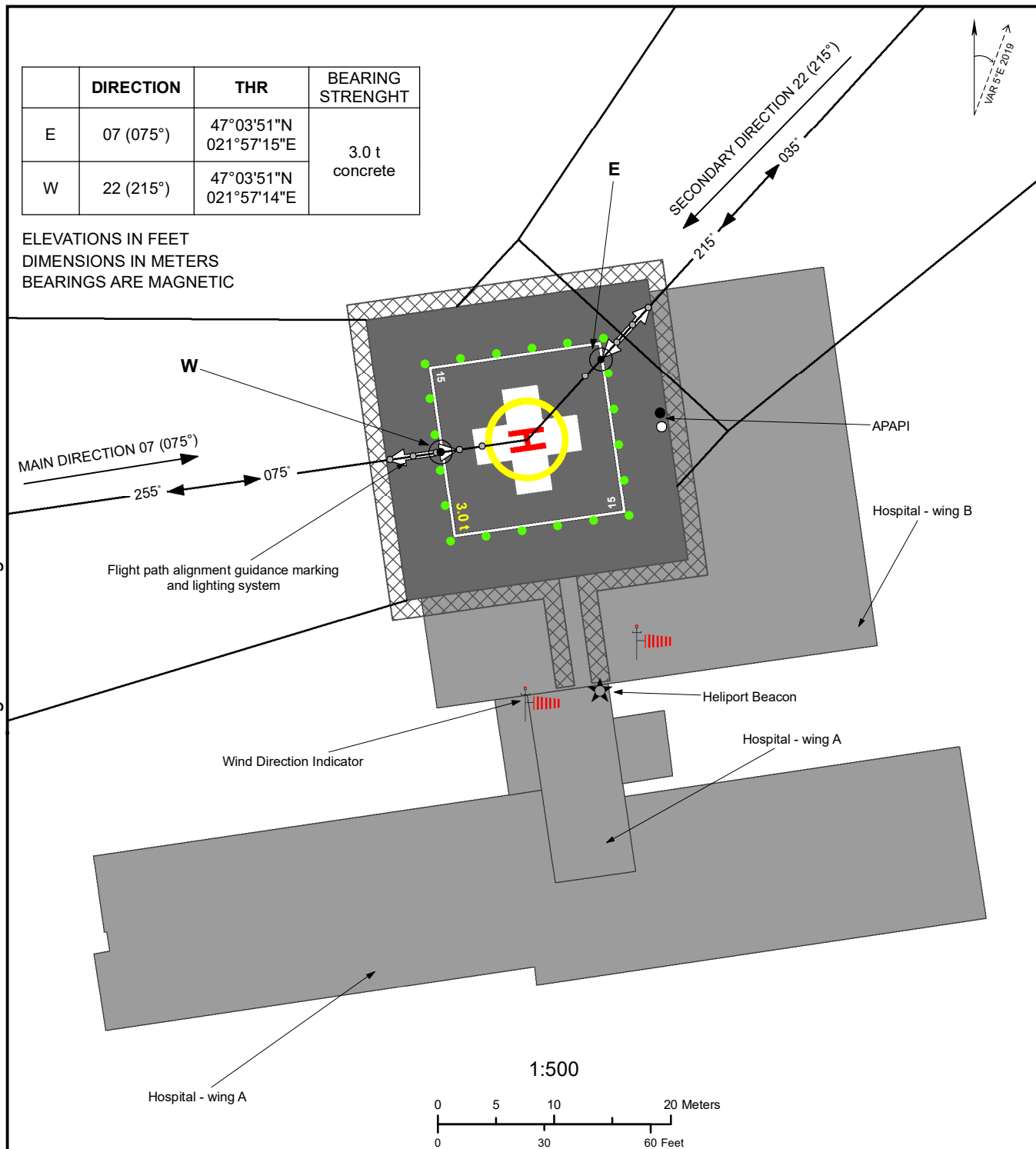
ORADEA /
SMURD BH 2 (LRHO)

ELEVATED HELIPORT

	DIRECTION	THR	BEARING STRENGTH
E	07 (075°)	47°03'51"N 021°57'15"E	3.0 t concrete
W	22 (215°)	47°03'51"N 021°57'14"E	

ELEVATIONS IN FEET
DIMENSIONS IN METERS
BEARINGS ARE MAGNETIC

Changes: BRG strength.



	TLOF/FATO	TOUCHDOWN / POSITIONING MARKING	SAFETY AREA	Legend	
AREA DIMENSIONS	15 m X 15 m	6.8 m (the inner diameter)	24 m X 24 m		Signal area
MARKINGS	WHITE	NIL	NIL		Buildings
LIGHTS	GREEN	NIL	NIL		Heliport Beacon
SLOPE	0.75%	1.9%	0.75%		APAPI
SURFACE	CONCRETE	CONCRETE	CONCRETE		