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AIRAC AIP AMDT
03
19 MAR 2026

AIRAC AIP AMENDMENT 03/26

I. Content

AD
- LRTR - AD regulations updated.
- LRPT - RWY physical characteristics updated;
- AD regulations updated.
- LRZN - new VFR aerodrome PIATRA NEAMȚ/Zănești-Neamț.

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

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

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AD 2.14-83	17 APR 2025	AD 2.16-8	10 JUL 2025	AD 2.17-51	17 APR 2025
AD 2.14-83a	15 JUN 2023	AD 2.16-9	19 MAR 2026	AD 2.17-51a	17 NOV 2011
AD 2.14-84	17 APR 2025	AD 2.16-10	19 MAR 2026	AD 2.17-81	17 APR 2025
AD 2.14-84a	15 JUN 2023	AD 2.16-11	07 AUG 2025	AD 2.17-81a	05 DEC 2019
AD 2.15-1	30 OCT 2025	AD 2.16-12	07 AUG 2025	AD 2.18-1	27 NOV 2025
AD 2.15-2	17 APR 2025	AD 2.16-13	07 AUG 2025	AD 2.18-2	15 JUL 2021
AD 2.15-3	31 OCT 2024	AD 2.16-14	07 AUG 2025	AD 2.18-3	15 JUL 2021
AD 2.15-4	31 OCT 2024	AD 2.16-15	30 NOV 2023	AD 2.18-4	27 NOV 2025
AD 2.15-5	30 OCT 2025	AD 2.16-20	07 AUG 2025	AD 2.18-5	19 MAR 2026
AD 2.15-6	30 OCT 2025	AD 2.16-20a	07 AUG 2025	AD 2.18-20	15 JUL 2021
AD 2.15-7	10 JUL 2025	AD 2.16-22	08 AUG 2024	AD 2.18-40	18 APR 2024
AD 2.15-8	31 OCT 2024	AD 2.16-25	27 FEB 2020	AD 2.19-1	19 FEB 2026
AD 2.15-9	31 OCT 2024	AD 2.16-26	27 FEB 2020	AD 2.19-2	27 NOV 2025
AD 2.15-10	04 SEP 2025	AD 2.16-28	18 JUL 2019	AD 2.19-3	28 DEC 2023
AD 2.15-11	04 SEP 2025	AD 2.16-29	18 JUL 2019	AD 2.19-4	27 NOV 2025
AD 2.15-12	04 SEP 2025	AD 2.16-30	17 APR 2025	AD 2.19-5	19 MAR 2026
AD 2.15-20	31 OCT 2024	AD 2.16-31	17 APR 2025	AD 2.19-20	28 DEC 2023
AD 2.15-20a	31 OCT 2024	AD 2.16-32	17 APR 2025	AD 2.19-21	19 FEB 2026
AD 2.15-22	31 OCT 2024	AD 2.16-33	17 APR 2025	AD 2.19-22	28 DEC 2023
AD 2.15-25	23 MAY 2019	AD 2.16-34	17 APR 2025	AD 2.19-40	18 APR 2024
AD 2.15-26	23 MAY 2019	AD 2.16-35	17 APR 2025	AD 2.19-41	18 APR 2024
AD 2.15-29	07 APR 2011	AD 2.16-36	17 APR 2025	AD 2.20-1	22 JAN 2026
AD 2.15-30	19 FEB 2026	AD 2.16-36a	18 JUL 2019	AD 2.20-2	22 JAN 2026
AD 2.15-30a	15 MAY 2025	AD 2.16-37	17 APR 2025	AD 2.20-3	22 JAN 2026
AD 2.15-31	19 FEB 2026	AD 2.16-37a	18 JUL 2019	AD 2.20-4	22 JAN 2026
AD 2.15-31a	15 MAY 2025	AD 2.16-45	17 APR 2025	AD 2.20-5	22 JAN 2026
AD 2.15-32	15 MAY 2025	AD 2.16-51	17 APR 2025	AD 2.20-6	22 JAN 2026
AD 2.15-32a	10 NOV 2016	AD 2.16-51a	18 JUL 2019	AD 2.20-7	19 MAR 2026
AD 2.15-32b	15 MAY 2025	AD 2.16-52	17 APR 2025	AD 2.20-20	22 JAN 2026
AD 2.15-34	19 FEB 2026	AD 2.16-52a	18 JUL 2019	AD 2.20-20a	22 JAN 2026
AD 2.15-34a	15 MAY 2025	AD 2.16-53	22 JAN 2026	AD 2.20-40	22 JAN 2026
AD 2.15-35	19 FEB 2026	AD 2.16-53a	25 FEB 2021	AD 2.20-41	22 JAN 2026
AD 2.15-35a	15 MAY 2025	AD 2.16-54	22 JAN 2026	AD 2.21-1	26 MAR 2020
AD 2.15-36	15 MAY 2025	AD 2.16-54a	25 FEB 2021	AD 2.21-2	05 APR 2012
AD 2.15-36a	10 NOV 2016	AD 2.16-91	17 APR 2025	AD 2.21-3	05 APR 2012
AD 2.15-36b	15 MAY 2025	AD 2.16-91a	18 JUL 2019	AD 2.21-4	19 MAR 2026
AD 2.15-37	15 MAY 2025	AD 2.16-92	17 APR 2025	AD 2.21-20	19 JUL 2018
AD 2.15-37a	10 NOV 2016	AD 2.16-92a	18 JUL 2019	AD 2.21-40	16 MAY 2024
AD 2.15-37b	15 MAY 2025	AD 2.16-93	22 JAN 2026	AD 2.23-1	19 MAR 2026
AD 2.15-45	19 FEB 2026	AD 2.16-93a	25 FEB 2021	AD 2.23-2	19 MAR 2026
AD 2.15-45a	15 MAY 2025	AD 2.16-94	22 JAN 2026	AD 2.23-3	19 MAR 2026
AD 2.15-46	10 AUG 2023	AD 2.16-94a	25 FEB 2021	AD 2.23-4	19 MAR 2026
AD 2.15-51	15 MAY 2025	AD 2.17-1	30 OCT 2025	AD 2.23-5	19 MAR 2026
AD 2.15-51a	15 MAY 2025	AD 2.17-2	03 OCT 2024	AD 2.23-20	19 MAR 2026
AD 2.15-52	15 MAY 2025	AD 2.17-3	03 OCT 2024	AD 2.23-40	19 MAR 2026
AD 2.15-52a	15 MAY 2025	AD 2.17-4	03 OCT 2024	AD 2.23-41	19 MAR 2026
AD 2.15-91	15 MAY 2025	AD 2.17-5	03 OCT 2024	AD 2.24-1	27 FEB 2020
AD 2.15-91a	15 MAY 2025	AD 2.17-6	03 OCT 2024	AD 2.24-2	30 MAR 2017
AD 2.15-92	15 MAY 2025	AD 2.17-7	03 OCT 2024	AD 2.24-3	30 MAR 2017
AD 2.15-92a	15 MAY 2025	AD 2.17-8	03 OCT 2024	AD 2.24-4	19 MAR 2026
AD 2.15-93	15 MAY 2025	AD 2.17-9	03 OCT 2024	AD 2.24-20	19 JUL 2018
AD 2.15-93a	15 MAY 2025	AD 2.17-10	03 OCT 2024	AD 2.24-40	18 APR 2024
AD 2.15-94	15 MAY 2025	AD 2.17-11	03 OCT 2024	AD 2.25-1	16 AUG 2018
AD 2.15-94a	15 MAY 2025	AD 2.17-12	27 NOV 2025	AD 2.25-2	16 AUG 2018
AD 2.16-1	07 AUG 2025	AD 2.17-13	28 JAN 2021	AD 2.25-3	16 AUG 2018
AD 2.16-2	19 MAR 2026	AD 2.17-20	03 OCT 2024	AD 2.25-4	19 MAR 2026
AD 2.16-3	18 JUL 2019	AD 2.17-20a	03 OCT 2024	AD 2.25-20	16 AUG 2018
AD 2.16-4	18 JUL 2019	AD 2.17-21	03 OCT 2024	AD 2.25-40	18 APR 2024
AD 2.16-5	18 JUL 2019	AD 2.17-22	03 OCT 2024	AD 2.26-1	25 MAR 2021

Page	Date
AD 2.26-2	16 AUG 2018
AD 2.26-3	11 JUL 2024
AD 2.26-4	19 MAR 2026
AD 2.26-20	11 JUL 2024
AD 2.26-40	18 APR 2024
AD 2.27-1	21 MAY 2020
AD 2.27-2	21 MAY 2020
AD 2.27-3	21 MAY 2020
AD 2.27-4	19 MAR 2026
AD 2.27-20	21 MAY 2020
AD 2.27-40	18 APR 2024
AD 2.28-1	25 JAN 2024
AD 2.28-2	10 AUG 2023
AD 2.28-3	22 FEB 2024
AD 2.28-4	10 AUG 2023
AD 2.28-5	19 MAR 2026
AD 2.28-20	25 JAN 2024
AD 2.28-40	25 JAN 2024
AD 2.29-1	31 OCT 2024
AD 2.29-2	03 OCT 2024
AD 2.29-3	15 JUN 2023
AD 2.29-4	15 JUN 2023
AD 2.29-5	15 JUN 2023
AD 2.29-6	15 JUN 2023
AD 2.29-7	15 JUN 2023
AD 2.29-8	20 MAR 2025
AD 2.29-9	20 FEB 2025
AD 2.29-10	17 APR 2025
AD 2.29-11	15 JUN 2023
AD 2.29-12	20 MAR 2025
AD 2.29-13	02 OCT 2025
AD 2.29-20	20 FEB 2025
AD 2.29-20a	20 FEB 2025
AD 2.29-22	20 FEB 2025
AD 2.29-25	15 JUN 2023
AD 2.29-26	15 JUN 2023
AD 2.29-28	15 JUN 2023
AD 2.29-30	17 APR 2025
AD 2.29-30a	15 JUN 2023
AD 2.29-31	17 APR 2025
AD 2.29-31a	15 JUN 2023
AD 2.29-32	17 APR 2025
AD 2.29-32a	15 JUN 2023
AD 2.29-33	17 APR 2025
AD 2.29-33a	15 JUN 2023
AD 2.29-34	17 APR 2025
AD 2.29-34a	15 JUN 2023
AD 2.29-35	17 APR 2025
AD 2.29-35a	15 JUN 2023
AD 2.29-52	17 APR 2025
AD 2.29-52a	15 JUN 2023
AD 2.29-71	30 OCT 2025
AD 2.29-71a	02 OCT 2025
AD 2.29-71b	02 OCT 2025
AD 2.29-71c	02 OCT 2025
AD 2.29-72	02 OCT 2025
AD 2.29-72a	02 OCT 2025
AD 2.29-72b	02 OCT 2025
AD 2.29-73	02 OCT 2025
AD 2.29-73a	02 OCT 2025
AD 2.29-73b	02 OCT 2025
AD 2.29-76	02 OCT 2025
AD 2.29-76a	15 JUN 2023
AD 2.29-76b	02 OCT 2025
AD 2.29-76c	02 OCT 2025
AD 2.29-84	17 APR 2025
AD 2.29-84a	15 JUN 2023
AD 2.30-1	02 NOV 2023
AD 2.30-2	02 NOV 2023
AD 2.30-3	02 NOV 2023
AD 2.30-4	02 NOV 2023
AD 2.30-5	02 NOV 2023
AD 2.30-6	02 NOV 2023
AD 2.30-7	02 NOV 2023
AD 2.30-8	19 MAR 2026
AD 2.30-20	02 NOV 2023
AD 2.30-40	02 NOV 2023
AD 2.31-1	30 NOV 2023
AD 2.31-2	27 NOV 2025
AD 2.31-3	27 NOV 2025
AD 2.31-4	30 NOV 2023
AD 2.31-5	19 MAR 2026
AD 2.31-20	27 NOV 2025
AD 2.31-40	18 APR 2024
AD 2.32-1	28 DEC 2023
AD 2.32-2	28 DEC 2023
AD 2.32-3	28 DEC 2023
AD 2.32-4	10 JUL 2025
AD 2.32-5	19 MAR 2026
AD 2.32-20	28 DEC 2023
AD 2.32-40	18 APR 2024
AD 2.33-1	07 AUG 2025
AD 2.33-2	07 AUG 2025
AD 2.33-3	04 SEP 2025
AD 2.33-4	07 AUG 2025
AD 2.33-5	19 MAR 2026
AD 2.33-20	07 AUG 2025
AD 2.33-40	07 AUG 2025
AD 2.34-1	04 SEP 2025
AD 2.34-2	04 SEP 2025
AD 2.34-3	04 SEP 2025
AD 2.34-4	19 MAR 2026
AD 2.34-20	04 SEP 2025
AD 2.34-40	04 SEP 2025
AD 2.35-1	27 NOV 2025
AD 2.35-2	27 NOV 2025
AD 2.35-3	27 NOV 2025
AD 2.35-4	19 MAR 2026
AD 2.35-20	27 NOV 2025
AD 2.35-40	27 NOV 2025
AD 2.36-1	19 MAR 2026
AD 2.36-2	19 MAR 2026
AD 2.36-3	19 MAR 2026
AD 2.36-4	19 MAR 2026
AD 2.36-20	19 MAR 2026
AD 2.36-40	19 MAR 2026
AD 3	
AD 3.2-1	22 APR 2021
AD 3.2-2	22 APR 2021
AD 3.2-3	13 JUL 2023
AD 3.2-4	18 APR 2024
AD 3.2-20	22 APR 2021
AD 3.2-40	18 APR 2024
AD 3.5-1	10 JUL 2025
AD 3.5-2	11 AUG 2022
AD 3.5-3	25 JAN 2024
AD 3.5-4	10 JUL 2025
AD 3.5-20	25 JAN 2024
AD 3.6-1	07 AUG 2025
AD 3.6-2	07 AUG 2025
AD 3.6-3	07 AUG 2025
AD 3.6-4	07 AUG 2025
AD 3.6-20	07 AUG 2025
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	18 APR 2024
AD 3.7-40a	18 APR 2024
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 2.4 LOCATION INDICATORS

The location indicators marked with an asterisk (*) cannot be used in the address component of AFS messages.

Indicatorii de locație marcați cu un asterisc (*) nu pot fi folosiți în componenta de adresă a mesajelor AFS.

1. ENCODE

Location	*Indicator*
BUCUREŞTI (FIC/ACC/AIS/CAA/COM Centre)	LRBB
BUCUREŞTI/CENTRUL NAŢIONAL DE PROTECŢIE METEOROLOGICĂ A NAVIGAŢIEI AERIENE BUCUREŞTI/NATIONAL CENTRE OF AERONAUTICAL METEOROLOGY	LROM
ARAD / Arad	LRAR
ARAD / Charlie-Bravo Şiria	LRCB*
BACĂU / George Enescu	LRBC
BAIA MARE / Maramureş	LRBM
BISTRIŢA / Bistriţa	LRBN*
BOBOC (Mil)	LRBO*
BRAŞOV / Braşov-Ghimbav	LRBV
BRAŞOV / Ghimbav	LRBG*
BRAŞOV / Sânpetru	LRSP*
BUCUREŞTI / Băneasa-Aurel Vlaicu	LRBS
BUCUREŞTI / Henri Coandă	LROP
BUCUREŞTI / Spitalul Universitar de Urgenţă (SUUB)	LRSU*
CARANSEBEŞ / Banat-Caransebeş	LRCS*
CÂMPIA TURZII (Mil)	LRCT*
CISNĂDIE / Măgura	LRCD*
CLINCENI / Clinceni	LRCN*
CLUJ NAPOCA / Avram Iancu	LRCL
CONSTANŢA / Mihail Kogălniceanu-Constanţa	LRCK
CRAIOVA / Craiova	LRCV
Craiova-Sud	LRCW*
DEVA / Săuleşti - Constantin Manolache	LRDV*
DEZMIR / Dezmir	LRCJ*
Fagu-Balc	LRFB*
FETEŞTI (Mil)	LRFT*
GHEORGHENI / Remetea	LRHR*
GHIMBAV / MIR AERO-Braşov	LRMA*
GRADIŞTEA / Grădiştea	LRBA*
IAŞI / Iaşi	LRIA
IAȘI / Iaşi-Sud	LRIS*
MOARA VLĂSIEI / "Moara Vlăsiei"-Becker	LRBK*
TÂRGU MUREŞ / Mureşeni	LRMS*
NĂVODARI / Midia-Constanţa	LRMC*

2. DECODE

Indicator	*Location*
LRBB	BUCUREŞTI (FIC/ACC/AIS/CAA/COM Centre)
LROM	BUCUREŞTI/CENTRUL NAŢIONAL DE PROTECŢIE METEOROLOGICĂ A NAVIGAŢIEI AERIENE BUCUREŞTI/NATIONAL CENTRE OF AERONAUTICAL METEOROLOGY
LRAR	ARAD / Arad
LRBA*	GRĂDIŞTEA / Grădiştea
LRBC	BACĂU / George Enescu
LRBG*	BRAŞOV / Ghimbav
LRBK*	MOARA VLĂSIEI / "Moara Vlăsiei"-Becker
LRBM	BAIA MARE / Maramureş
LRBN*	BISTRIŢA / Bistriţa
LRBO*	BOBOC (Mil)
LRBS	BUCUREŞTI / Băneasa-Aurel Vlaicu
LRBV	BRAŞOV / Braşov-Ghimbav
LRCB*	ARAD / Charlie-Bravo Şiria
LRCC*	OITUZ / PA&CO
LRCJ*	DEZMIR / Dezmir
LRCD*	CISNĂDIE / Măgura
LRCH*	Punct de Operare Aeromedicală SMURD Constanţa
LRCK	CONSTANŢA / Mihail Kogălniceanu-Constanţa
LRCL	CLUJ NAPOCA / Avram Iancu
LRCN*	CLINCENI / Clinceni
LRCS*	CARANSEBEŞ / Banat-Caransebeş
LRCT*	CÂMPIA TURZII (Mil)
LRCV	CRAIOVA / Craiova
LRCW*	Craiova-Sud
LRDD*	OŞORHEI / Dogaru
LRDV*	DEVA / Săuleşti-Constantin Manolache
LRFB*	Fagu-Balc
LRFT*	FETEŞTI (Mil)
LRHO*	ORADEA / SMURD BH 2
LRHR*	GHEORGHENI / Remetea
LRIA	IAŞI / Iaşi
LRIS*	IAȘI / Iaşi-Sud
LRMA*	GHIMBAV / MIR AERO-Braşov
LRMC*	NĂVODARI / Midia-Constanţa

1. ENCODE

Location	*Indicator*
OITUZ / PA&CO	LRCC*
ORADEA / Oradea	LROD
ORADEA / SMURD BH 2	LRHO*
OŞORHEI / Dogaru	LRDD*
PIATRA NEAMȚ / Zănești-Neamț	LRZN*
PITEŞTI / Geamăna	LRPT*
PLOIEŞTI / Gheorghe Valentin Bibescu	LRPW*
Punct de Operare Aeromedicală SMURD Constanţa	LRCH*
SATU MARE / Satu Mare	LRSM
Sânmihaiu German	LRSG*
SIBIU / Sibiu	LRSB
SUCEAVA / Ştefan cel Mare-Suceava	LRSV
TĂUŢII MĂGHERĂUŞ / Tăuţii Măgherăuş	LRMM*
TÂRGU MUREŞ / Transilvania-Târgu Mureş	LRTM
TIMIŞOARA / Traian Vuia	LRTR
TULCEA / Delta Dunării	LRTC
TUZLA / Tuzla	LRTZ
West Gate	LRWG*

2. DECODE

Indicator	*Location*
LRMM*	TĂUŢII MĂGHERĂUŞ / Tăuţii Măgherăuş
LRMS*	TÂRGU MUREȘ / Mureşeni
LROD	ORADEA / Oradea
LROP	BUCUREŞTI / Henri Coandă
LRPT*	PITEŞTI / Geamăna
LRPW*	PLOIEŞTI / Gheorghe Valentin Bibescu
LRSB	SIBIU / Sibiu
LRSG*	Sânmihaiu German
LRSM	SATU MARE / Satu Mare
LRSP*	BRAŞOV / Sânpetru
LRSU*	BUCUREŞTI / Spitalul Universitar de Urgenţă (SUUB)
LRSV	SUCEAVA / Ştefan cel Mare-Suceava
LRTC	TULCEA / Delta Dunării
LRTM	TÂRGU MUREŞ / Transilvania-Târgu Mureş
LRTR	TIMIŞOARA / Traian Vuia
LRTZ	TUZLA / Tuzla
LRWG*	West Gate
LRZN*	PIATRA NEAMȚ / Zănești-Neamț

GEN 2.7 SUNRISE / SUNSET
RĂSĂRITUL / APUSUL SOARELUI

1. The tables on the following pages have been realized using the mathematichal model for astronomical data used in civil aviation created by the Astronomic Institute of the Romanian Academy Bucharest. The tables include 35 civil airports and 5 civil heliports.

1.1 The times in the tables are given in UTC for beginning of civil morning twilight (TWIL FROM), sunrise (SR) sunset (SS) and end of civil evening twilight (TWIL TO) for the period JULY 2025 - JUNE 2026.

1.2 Night means the hours between the end of evening civil twilight and the beginning of morning civil twilight. Civil twilight ends in the evening when the centre of the sun's disc is 6 degrees below the horizon and begins in the morning when the centre of the sun's disc is 6 degrees below the horizon.

1. Tabelele din următoarele pagini sunt alcătuite folosind modelul matematic de calcul al datelor astronomice utilizate în aviaţia civilă realizat de Institutul Astronomic al Academiei Române Bucureşti. Tabelele includ 35 aeroporturi civile şi 5 heliporturi civile.

1.1 Orele din tabele sunt date în UTC pentru ora civilă a crepusculului de dimineaţă (TWIL FROM), răsăritul Soarelui (SR), apusul Soarelui (SS) şi ora civilă a crepusculului de seară (TWIL TO) pentru perioada IULIE 2025 - IUNIE 2026.

1.2 Noapte înseamnă perioada dintre sfârșitul crepusculului civil și începutul răsăritului civil. Crepusculul civil se încheie seara când centrul discului soarelui este cu 6 grade sub orizont, iar răsăritul civil începe dimineaţa când centrul discului soarelui este cu 6 grade sub orizont.

2. Alphabetical index / Index alfabetic

3. Sunrise-Sunset tables
Tabele Rasaritul-Apusul Soarelui

ARAD / Arad - LRAR
461036N 0211543E

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
JUL	1	0209	0245	1832	1908
	5	0212	0248	1830	1907
	9	0215	0251	1829	1904
	13	0219	0254	1826	1902
	17	0223	0258	1823	1858
	21	0228	0303	1819	1854
	25	0233	0307	1815	1849
	29	0238	0312	1810	1844
AUG	2	0243	0316	1805	1838
	6	0249	0321	1800	1832
	10	0254	0326	1753	1825
	14	0300	0331	1747	1818
	18	0305	0336	1740	1811
	22	0311	0341	1733	1804
	26	0316	0346	1726	1756
	30	0322	0351	1719	1748
SEP	3	0327	0356	1711	1740
	7	0332	0401	1703	1732
	11	0338	0406	1656	1724
	15	0343	0411	1648	1716
	19	0348	0416	1640	1708
	23	0353	0421	1632	1700
	27	0358	0427	1624	1652
OCT	1	0403	0432	1616	1645
	5	0409	0437	1609	1637
	9	0414	0442	1601	1629
	13	0419	0448	1554	1622
	17	0424	0453	1546	1615
	21	0430	0459	1539	1608
	25	0435	0504	1533	1602
	29	0440	0510	1526	1556

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
NOV	2	0446	0516	1520	1550
	6	0451	0521	1515	1545
	10	0457	0527	1510	1540
	14	0502	0533	1505	1536
	18	0507	0538	1501	1532
	22	0512	0544	1458	1529
	26	0517	0549	1455	1527
	30	0522	0554	1453	1525
DEC	4	0526	0558	1451	1523
	8	0530	0602	1450	1523
	12	0533	0606	1450	1523
	16	0536	0609	1451	1524
	20	0539	0612	1452	1525
	24	0541	0614	1455	1528
	28	0542	0615	1457	1530
JAN	1	0543	0615	1501	1533
	5	0542	0615	1505	1537
	9	0542	0614	1509	1541
	13	0540	0612	1514	1546
	17	0538	0610	1519	1551
	21	0536	0607	1525	1556
	25	0532	0603	1530	1601
	29	0528	0559	1536	1607
FEB	2	0524	0554	1542	1612
	6	0519	0549	1548	1618
	10	0514	0543	1554	1624
	14	0508	0537	1600	1629
	18	0502	0531	1606	1635
	22	0455	0524	1612	1640
	26	0449	0517	1617	1646

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
MAR	2	0442	0510	1623	1652
	6	0434	0503	1629	1657
	10	0427	0455	1634	1703
	14	0419	0447	1640	1708
	18	0411	0440	1645	1714
	22	0404	0432	1651	1719
	26	0356	0424	1656	1725
	30	0348	0416	1701	1730
APR	3	0340	0409	1707	1736
	7	0332	0401	1712	1741
	11	0324	0354	1717	1747
	15	0316	0346	1723	1753
	19	0309	0339	1728	1758
	23	0302	0332	1733	1804
	27	0254	0325	1739	1810
MAY	1	0248	0319	1744	1816
	5	0241	0313	1749	1821
	9	0235	0308	1754	1827
	13	0229	0302	1759	1833
	17	0224	0258	1804	1838
	21	0219	0253	1809	1843
	25	0215	0250	1813	1848
	29	0211	0247	1817	1853
JUN	2	0208	0244	1821	1857
	6	0206	0242	1824	1900
	10	0204	0241	1827	1903
	14	0204	0240	1829	1906
	18	0204	0241	1831	1908
	22	0204	0241	1832	1909
	26	0206	0243	1832	1909
	30	0208	0245	1832	1908

ARAD / Charlie-Bravo Siria - LRCB
461618N 0213622E

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
JUL	1	0207	0243	1831	1907
	5	0210	0246	1829	1906
	9	0213	0249	1828	1904
	13	0217	0253	1825	1901
	17	0222	0257	1822	1857
	21	0226	0301	1818	1853
	25	0231	0305	1814	1848
	29	0236	0310	1809	1843
AUG	2	0242	0315	1804	1837
	6	0247	0320	1758	1831
	10	0253	0325	1752	1824
	14	0258	0330	1746	1817
	18	0304	0335	1739	1810
	22	0309	0340	1732	1803
	26	0315	0345	1725	1755
	30	0320	0350	1718	1747
SEP	3	0326	0355	1710	1739
	7	0331	0400	1702	1731
	11	0336	0405	1654	1723
	15	0341	0410	1646	1715
	19	0347	0415	1639	1707
	23	0352	0420	1631	1659
	27	0357	0425	1623	1651
OCT	1	0402	0430	1615	1643
	5	0407	0436	1607	1636
	9	0412	0441	1600	1628
	13	0418	0446	1552	1621
	17	0423	0452	1545	1614
	21	0428	0457	1538	1607
	25	0434	0503	1531	1601
	29	0439	0509	1525	1554

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
NOV	2	0445	0514	1519	1549
	6	0450	0520	1513	1543
	10	0455	0526	1508	1539
	14	0501	0532	1504	1534
	18	0506	0537	1459	1531
	22	0511	0543	1456	1527
	26	0516	0548	1453	1525
	30	0521	0553	1451	1523
DEC	4	0525	0557	1449	1522
	8	0529	0601	1449	1521
	12	0532	0605	1449	1521
	16	0535	0608	1449	1522
	20	0538	0611	1451	1524
	24	0540	0613	1453	1526
	28	0541	0614	1456	1529
JAN	1	0541	0614	1459	1532
	5	0541	0614	1503	1536
	9	0541	0613	1507	1540
	13	0539	0611	1512	1544
	17	0537	0609	1517	1549
	21	0534	0606	1523	1554
	25	0531	0602	1529	1600
	29	0527	0558	1534	1605
FEB	2	0523	0553	1540	1611
	6	0518	0548	1546	1616
	10	0512	0542	1552	1622
	14	0507	0536	1558	1628
	18	0501	0530	1604	1633
	22	0454	0523	1610	1639
	26	0447	0516	1616	1645

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
MAR	2	0440	0509	1622	1650
	6	0433	0501	1627	1656
	10	0425	0454	1633	1701
	14	0418	0446	1638	1707
	18	0410	0438	1644	1712
	22	0402	0431	1649	1718
	26	0354	0423	1655	1723
	30	0346	0415	1700	1729
APR	3	0338	0407	1705	1734
	7	0330	0400	1711	1740
	11	0323	0352	1716	1746
	15	0315	0345	1722	1751
	19	0307	0338	1727	1757
	23	0300	0331	1732	1803
	27	0253	0324	1738	1809
MAY	1	0246	0318	1743	1815
	5	0239	0311	1748	1820
	9	0233	0306	1753	1826
	13	0227	0301	1758	1832
	17	0222	0256	1803	1837
	21	0217	0252	1808	1842
	25	0213	0248	1812	1847
	29	0209	0245	1816	1852
JUN	2	0206	0242	1820	1856
	6	0204	0240	1823	1859
	10	0203	0239	1826	1903
	14	0202	0239	1828	1905
	18	0202	0239	1830	1907
	22	0202	0240	1831	1908
	26	0204	0241	1831	1908
	30	0206	0243	1831	1908

ORADEA / Oradea - LROD
470131N 0215409E

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
JUL 1	0201	0239	1833	1910
5	0204	0242	1831	1909
9	0208	0245	1829	1906
13	0212	0249	1827	1903
17	0217	0253	1824	1900
21	0222	0257	1820	1855
25	0227	0301	1815	1850
29	0232	0306	1811	1845
AUG 2	0238	0311	1805	1839
6	0243	0316	1759	1832
10	0249	0321	1753	1825
14	0255	0327	1747	1818
18	0300	0332	1740	1811
22	0306	0337	1732	1803
26	0312	0342	1725	1756
30	0317	0347	1717	1748
SEP 3	0323	0353	1710	1739
7	0328	0358	1702	1731
11	0334	0403	1654	1723
15	0339	0408	1646	1715
19	0345	0414	1638	1707
23	0350	0419	1630	1658
27	0355	0424	1621	1650
OCT 1	0401	0430	1613	1642
5	0406	0435	1606	1634
9	0412	0440	1558	1627
13	0417	0446	1550	1619
17	0422	0452	1543	1612
21	0428	0457	1536	1605
25	0433	0503	1529	1558
29	0439	0509	1522	1552

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
NOV 2	0445	0515	1516	1546
6	0450	0521	1510	1541
10	0456	0527	1505	1536
14	0501	0532	1500	1532
18	0507	0538	1456	1528
22	0512	0544	1452	1524
26	0517	0549	1449	1522
30	0521	0554	1447	1520
DEC 4	0526	0559	1445	1518
8	0530	0603	1445	1518
12	0533	0607	1445	1518
16	0536	0610	1445	1519
20	0539	0613	1447	1520
24	0541	0614	1449	1522
28	0542	0615	1452	1525
JAN 1	0543	0616	1455	1528
5	0542	0616	1459	1532
9	0542	0614	1504	1536
13	0540	0613	1508	1541
17	0538	0610	1514	1546
21	0535	0607	1519	1551
25	0532	0603	1525	1557
29	0528	0559	1531	1602
FEB 2	0523	0554	1537	1608
6	0518	0548	1543	1614
10	0512	0543	1550	1620
14	0506	0536	1556	1626
18	0500	0530	1602	1631
22	0454	0523	1608	1637
26	0447	0516	1614	1643

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
MAR 2	0439	0508	1620	1649
6	0432	0501	1626	1654
10	0424	0453	1631	1700
14	0416	0445	1637	1706
18	0408	0437	1643	1712
22	0400	0429	1648	1717
26	0352	0421	1654	1723
30	0344	0413	1659	1729
APR 3	0336	0405	1705	1734
7	0328	0358	1711	1740
11	0320	0350	1716	1746
15	0312	0342	1722	1752
19	0304	0335	1727	1758
23	0257	0328	1733	1804
27	0249	0321	1738	1810
MAY 1	0242	0314	1744	1816
5	0235	0308	1749	1822
9	0229	0302	1754	1828
13	0223	0257	1759	1833
17	0218	0252	1804	1839
21	0213	0248	1809	1844
25	0208	0244	1814	1850
29	0204	0241	1818	1854
JUN 2	0201	0238	1822	1859
6	0159	0236	1825	1902
10	0157	0235	1828	1905
14	0156	0234	1830	1908
18	0156	0234	1832	1910
22	0157	0235	1833	1911
26	0158	0236	1833	1911
30	0201	0238	1833	1911

ORADEA / SMURD BH 2 - LRHO
470351N 0215715E

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
JUL 1	0201	0239	1833	1910
5	0204	0241	1831	1909
9	0208	0245	1829	1906
13	0212	0248	1827	1903
17	0216	0252	1824	1900
21	0221	0257	1820	1855
25	0226	0301	1815	1850
29	0232	0306	1810	1845
AUG 2	0237	0311	1805	1839
6	0243	0316	1759	1832
10	0249	0321	1753	1825
14	0254	0326	1746	1818
18	0300	0331	1740	1811
22	0306	0337	1732	1803
26	0311	0342	1725	1755
30	0317	0347	1717	1747
SEP 3	0323	0352	1710	1739
7	0328	0358	1702	1731
11	0334	0403	1654	1723
15	0339	0408	1646	1715
19	0344	0413	1637	1706
23	0350	0419	1629	1658
27	0355	0424	1621	1650
OCT 1	0401	0429	1613	1642
5	0406	0435	1605	1634
9	0411	0440	1558	1626
13	0417	0446	1550	1619
17	0422	0451	1543	1612
21	0428	0457	1535	1605
25	0433	0503	1528	1558
29	0439	0509	1522	1552

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
NOV 2	0444	0515	1516	1546
6	0450	0521	1510	1541
10	0456	0527	1505	1536
14	0501	0532	1500	1531
18	0506	0538	1456	1527
22	0512	0544	1452	1524
26	0517	0549	1449	1521
30	0521	0554	1447	1519
DEC 4	0526	0559	1445	1518
8	0530	0603	1444	1518
12	0533	0607	1444	1518
16	0536	0610	1445	1518
20	0539	0612	1446	1520
24	0541	0614	1448	1522
28	0542	0615	1451	1525
JAN 1	0542	0616	1455	1528
5	0542	0615	1459	1532
9	0541	0614	1503	1536
13	0540	0613	1508	1541
17	0538	0610	1513	1546
21	0535	0607	1519	1551
25	0531	0603	1525	1556
29	0527	0559	1531	1602
FEB 2	0523	0554	1537	1608
6	0518	0548	1543	1614
10	0512	0542	1549	1619
14	0506	0536	1555	1625
18	0500	0530	1602	1631
22	0453	0523	1608	1637
26	0446	0515	1614	1643

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
MAR 2	0439	0508	1620	1649
6	0432	0500	1625	1654
10	0424	0453	1631	1700
14	0416	0445	1637	1706
18	0408	0437	1643	1711
22	0400	0429	1648	1717
26	0352	0421	1654	1723
30	0344	0413	1659	1728
APR 3	0336	0405	1705	1734
7	0328	0357	1710	1740
11	0320	0350	1716	1746
15	0312	0342	1721	1752
19	0304	0335	1727	1758
23	0256	0328	1733	1804
27	0249	0321	1738	1810
MAY 1	0242	0314	1743	1816
5	0235	0308	1749	1822
9	0229	0302	1754	1828
13	0223	0257	1759	1833
17	0217	0252	1804	1839
21	0212	0247	1809	1844
25	0208	0244	1814	1850
29	0204	0240	1818	1854
JUN 2	0201	0238	1822	1859
6	0158	0236	1825	1902
10	0157	0234	1828	1905
14	0156	0234	1830	1908
18	0156	0234	1832	1910
22	0157	0235	1833	1911
26	0158	0236	1833	1911
30	0200	0238	1833	1911

OSORHEI / DOGARU - LRDD
470330N 0220442E

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
JUL 1	0201	0238	1832	1910
5	0204	0241	1831	1908
9	0207	0244	1829	1906
13	0211	0248	1826	1903
17	0216	0252	1823	1859
21	0221	0256	1819	1855
25	0226	0301	1815	1850
29	0231	0305	1810	1844
AUG 2	0237	0310	1805	1838
6	0242	0315	1759	1832
10	0248	0321	1752	1825
14	0254	0326	1746	1818
18	0300	0331	1739	1810
22	0305	0336	1732	1803
26	0311	0341	1724	1755
30	0317	0347	1717	1747
SEP 3	0322	0352	1709	1739
7	0328	0357	1701	1731
11	0333	0402	1653	1722
15	0339	0408	1645	1714
19	0344	0413	1637	1706
23	0349	0418	1629	1658
27	0355	0423	1621	1650
OCT 1	0400	0429	1613	1642
5	0405	0434	1605	1634
9	0411	0440	1557	1626
13	0416	0445	1549	1618
17	0422	0451	1542	1611
21	0427	0457	1535	1604
25	0433	0502	1528	1558
29	0438	0508	1521	1551

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
NOV 2	0444	0514	1515	1546
6	0450	0520	1510	1540
10	0455	0526	1504	1535
14	0501	0532	1459	1531
18	0506	0538	1455	1527
22	0511	0543	1452	1524
26	0516	0549	1449	1521
30	0521	0554	1446	1519
DEC 4	0525	0558	1445	1518
8	0529	0603	1444	1517
12	0533	0606	1444	1517
16	0536	0609	1444	1518
20	0538	0612	1446	1519
24	0540	0614	1448	1522
28	0541	0615	1451	1524
JAN 1	0542	0615	1454	1528
5	0542	0615	1458	1531
9	0541	0614	1503	1536
13	0539	0612	1508	1540
17	0537	0610	1513	1545
21	0534	0606	1519	1551
25	0531	0603	1524	1556
29	0527	0558	1530	1602
FEB 2	0522	0553	1537	1607
6	0517	0548	1543	1613
10	0512	0542	1549	1619
14	0506	0536	1555	1625
18	0500	0529	1601	1631
22	0453	0522	1607	1636
26	0446	0515	1613	1642

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
MAR 2	0439	0508	1619	1648
6	0431	0500	1625	1654
10	0423	0452	1631	1659
14	0416	0444	1636	1705
18	0408	0436	1642	1711
22	0400	0428	1648	1717
26	0351	0420	1653	1722
30	0343	0413	1659	1728
APR 3	0335	0405	1704	1734
7	0327	0357	1710	1740
11	0319	0349	1715	1745
15	0311	0342	1721	1751
19	0303	0334	1726	1757
23	0256	0327	1732	1803
27	0248	0320	1738	1809
MAY 1	0241	0314	1743	1815
5	0235	0307	1748	1821
9	0228	0302	1754	1827
13	0222	0256	1759	1833
17	0217	0251	1804	1839
21	0212	0247	1809	1844
25	0207	0243	1813	1849
29	0204	0240	1817	1854
JUN 2	0200	0237	1821	1858
6	0158	0235	1824	1902
10	0156	0234	1827	1905
14	0156	0233	1830	1907
18	0155	0233	1831	1909
22	0156	0234	1832	1910
26	0158	0236	1833	1911
30	0200	0238	1832	1910

PIATRA NEAMT / Zanesti-Neamt - LRZN
465037N 0263331E

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
JUL 1	0144	0221	1813	1851
5	0147	0224	1812	1849
9	0150	0227	1810	1847
13	0154	0231	1808	1844
17	0159	0235	1804	1840
21	0204	0239	1801	1836
25	0209	0243	1756	1831
29	0214	0248	1751	1825
AUG 2	0220	0253	1746	1819
6	0225	0258	1740	1813
10	0231	0303	1734	1806
14	0237	0308	1727	1759
18	0242	0314	1721	1752
22	0248	0319	1714	1744
26	0254	0324	1706	1736
30	0259	0329	1659	1729
SEP 3	0305	0334	1651	1720
7	0310	0339	1643	1712
11	0315	0345	1635	1704
15	0321	0350	1627	1656
19	0326	0355	1619	1648
23	0332	0400	1611	1640
27	0337	0406	1603	1632
OCT 1	0342	0411	1555	1624
5	0347	0416	1547	1616
9	0353	0422	1539	1608
13	0358	0427	1532	1601
17	0404	0433	1524	1554
21	0409	0438	1517	1547
25	0415	0444	1510	1540
29	0420	0450	1504	1534

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
NOV 2	0426	0456	1458	1528
6	0431	0502	1452	1523
10	0437	0508	1447	1518
14	0442	0513	1442	1513
18	0447	0519	1438	1509
22	0453	0525	1434	1506
26	0458	0530	1431	1504
30	0502	0535	1429	1502
DEC 4	0507	0540	1428	1500
8	0511	0544	1427	1500
12	0514	0547	1427	1500
16	0517	0551	1427	1501
20	0520	0553	1429	1502
24	0522	0555	1431	1504
28	0523	0556	1434	1507
JAN 1	0523	0557	1437	1510
5	0523	0556	1441	1514
9	0522	0555	1446	1518
13	0521	0553	1450	1523
17	0519	0551	1456	1528
21	0516	0548	1501	1533
25	0513	0544	1507	1539
29	0509	0540	1513	1544
FEB 2	0504	0535	1519	1550
6	0459	0529	1525	1556
10	0454	0524	1531	1601
14	0448	0517	1537	1607
18	0441	0511	1544	1613
22	0435	0504	1550	1619
26	0428	0457	1555	1624

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
MAR 2	0421	0449	1601	1630
6	0413	0442	1607	1636
10	0406	0434	1613	1641
14	0358	0426	1618	1647
18	0350	0419	1624	1653
22	0342	0411	1630	1658
26	0334	0403	1635	1704
30	0326	0355	1641	1710
APR 3	0318	0347	1646	1715
7	0310	0339	1652	1721
11	0302	0331	1657	1727
15	0254	0324	1703	1733
19	0246	0317	1708	1739
23	0239	0310	1714	1745
27	0231	0303	1719	1751
MAY 1	0224	0256	1724	1757
5	0217	0250	1730	1802
9	0211	0244	1735	1808
13	0205	0239	1740	1814
17	0200	0234	1745	1820
21	0155	0230	1750	1825
25	0150	0226	1754	1830
29	0147	0223	1759	1835
JUN 2	0144	0220	1802	1839
6	0141	0218	1806	1843
10	0140	0217	1808	1846
14	0139	0216	1811	1848
18	0139	0217	1812	1850
22	0139	0217	1813	1851
26	0141	0219	1814	1851
30	0143	0221	1813	1851

PITESTI / Geamana - LRPT
444903N 0245352E

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
JUL	1	0201	0236	1811	1847
	5	0204	0239	1810	1845
	9	0207	0242	1809	1843
	13	0211	0245	1806	1841
	17	0215	0249	1804	1837
	21	0219	0253	1800	1833
	25	0224	0257	1756	1829
	29	0229	0301	1752	1824
AUG	2	0234	0306	1747	1818
	6	0239	0310	1741	1813
	10	0244	0315	1736	1806
	14	0249	0320	1729	1800
	18	0255	0324	1723	1753
	22	0300	0329	1716	1746
	26	0305	0334	1709	1739
	30	0310	0339	1702	1731
SEP	3	0315	0343	1655	1724
	7	0320	0348	1648	1716
	11	0325	0353	1640	1708
	15	0330	0358	1633	1700
	19	0335	0402	1625	1653
	23	0339	0407	1617	1645
	27	0344	0412	1610	1637
OCT	1	0349	0417	1602	1630
	5	0354	0422	1555	1623
	9	0359	0427	1548	1615
	13	0404	0432	1541	1608
	17	0409	0437	1534	1602
	21	0414	0442	1527	1555
	25	0419	0447	1521	1549
	29	0424	0453	1515	1543

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
NOV	2	0429	0458	1509	1538
	6	0434	0504	1504	1533
	10	0439	0509	1459	1528
	14	0444	0514	1454	1524
	18	0449	0520	1451	1521
	22	0454	0525	1447	1518
	26	0459	0530	1445	1515
	30	0503	0535	1443	1514
DEC	4	0508	0539	1441	1513
	8	0511	0543	1441	1512
	12	0515	0547	1441	1513
	16	0518	0550	1442	1513
	20	0520	0552	1443	1515
	24	0522	0554	1445	1517
	28	0523	0555	1448	1520
JAN	1	0524	0556	1451	1523
	5	0524	0556	1455	1527
	9	0523	0555	1459	1531
	13	0522	0553	1504	1535
	17	0520	0551	1509	1540
	21	0518	0548	1514	1545
	25	0515	0545	1520	1550
	29	0511	0541	1525	1555
FEB	2	0507	0536	1531	1600
	6	0502	0531	1536	1606
	10	0457	0526	1542	1611
	14	0452	0520	1548	1616
	18	0446	0514	1553	1622
	22	0440	0508	1559	1627
	26	0433	0501	1604	1632

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
MAR	2	0426	0454	1610	1638
	6	0419	0447	1615	1643
	10	0412	0440	1620	1648
	14	0405	0433	1626	1653
	18	0358	0425	1631	1658
	22	0350	0418	1636	1704
	26	0342	0410	1641	1709
	30	0335	0403	1646	1714
APR	3	0327	0355	1651	1719
	7	0320	0348	1656	1724
	11	0312	0341	1701	1730
	15	0305	0334	1706	1735
	19	0258	0327	1711	1741
	23	0251	0320	1716	1746
	27	0244	0314	1721	1751
MAY	1	0237	0308	1726	1757
	5	0231	0302	1731	1802
	9	0225	0257	1736	1808
	13	0220	0252	1741	1813
	17	0215	0247	1745	1818
	21	0210	0243	1750	1823
	25	0206	0240	1754	1827
	29	0203	0237	1758	1832
JUN	2	0200	0235	1801	1836
	6	0158	0233	1804	1839
	10	0157	0232	1807	1842
	14	0156	0232	1809	1844
	18	0156	0232	1810	1846
	22	0157	0232	1811	1847
	26	0158	0234	1812	1847
	30	0200	0236	1812	1847

PLOIESTI / Gheorghe Valentin Bibescu - Ploiesti - LRPW
445525N 0255748E

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
JUL	1	0156	0232	1808	1843
	5	0159	0234	1807	1842
	9	0202	0237	1805	1840
	13	0206	0240	1803	1837
	17	0210	0244	1800	1833
	21	0215	0248	1756	1830
	25	0219	0252	1752	1825
	29	0224	0257	1748	1820
AUG	2	0229	0301	1743	1815
	6	0234	0306	1737	1809
	10	0240	0310	1732	1802
	14	0245	0315	1725	1756
	18	0250	0320	1719	1749
	22	0255	0325	1712	1742
	26	0300	0329	1705	1735
	30	0305	0334	1658	1727
SEP	3	0310	0339	1651	1719
	7	0315	0344	1643	1712
	11	0320	0348	1636	1704
	15	0325	0353	1628	1656
	19	0330	0358	1621	1649
	23	0335	0403	1613	1641
	27	0340	0408	1606	1633
OCT	1	0345	0412	1558	1626
	5	0350	0417	1551	1618
	9	0355	0422	1543	1611
	13	0400	0428	1536	1604
	17	0405	0433	1529	1557
	21	0410	0438	1523	1551
	25	0415	0443	1516	1545
	29	0420	0449	1510	1539

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
NOV	2	0425	0454	1504	1533
	6	0430	0500	1459	1528
	10	0435	0505	1454	1524
	14	0440	0510	1450	1520
	18	0445	0516	1446	1516
	22	0450	0521	1443	1513
	26	0455	0526	1440	1511
	30	0459	0531	1438	1509
DEC	4	0504	0535	1437	1508
	8	0507	0539	1436	1508
	12	0511	0543	1436	1508
	16	0514	0546	1437	1509
	20	0516	0548	1438	1510
	24	0518	0550	1440	1512
	28	0519	0551	1443	1515
JAN	1	0520	0552	1447	1518
	5	0520	0552	1450	1522
	9	0519	0551	1455	1526
	13	0518	0549	1459	1530
	17	0516	0547	1504	1535
	21	0514	0544	1510	1540
	25	0511	0541	1515	1545
	29	0507	0537	1521	1550
FEB	2	0503	0532	1526	1556
	6	0458	0527	1532	1601
	10	0453	0522	1538	1607
	14	0448	0516	1543	1612
	18	0442	0510	1549	1617
	22	0436	0504	1555	1623
	26	0429	0457	1600	1628

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
MAR	2	0422	0450	1605	1633
	6	0415	0443	1611	1639
	10	0408	0436	1616	1644
	14	0401	0428	1621	1649
	18	0353	0421	1626	1654
	22	0346	0413	1632	1659
	26	0338	0406	1637	1705
	30	0330	0358	1642	1710
APR	3	0323	0351	1647	1715
	7	0315	0344	1652	1720
	11	0308	0336	1657	1726
	15	0300	0329	1702	1731
	19	0253	0323	1707	1736
	23	0246	0316	1712	1742
	27	0239	0309	1717	1747
MAY	1	0233	0303	1722	1753
	5	0226	0258	1727	1758
	9	0221	0252	1732	1804
	13	0215	0247	1737	1809
	17	0210	0243	1741	1814
	21	0206	0239	1746	1819
	25	0202	0235	1750	1824
	29	0158	0232	1754	1828
JUN	2	0156	0230	1757	1832
	6	0153	0228	1800	1835
	10	0152	0227	1803	1838
	14	0151	0227	1805	1840
	18	0151	0227	1807	1842
	22	0152	0228	1808	1843
	26	0154	0229	1808	1844
	30	0156	0231	1808	1843

SATU MARE / Satu Mare - LRSM
474212N 0225308E

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
JUL 1	0154	0232	1832	1910
5	0157	0235	1830	1909
9	0200	0238	1828	1906
13	0205	0242	1826	1903
17	0209	0246	1822	1859
21	0214	0250	1818	1854
25	0220	0255	1814	1849
29	0225	0300	1809	1844
AUG 2	0231	0305	1803	1838
6	0237	0310	1757	1831
10	0243	0316	1751	1824
14	0249	0321	1744	1817
18	0255	0326	1737	1809
22	0300	0332	1730	1801
26	0306	0337	1722	1753
30	0312	0343	1715	1745
SEP 3	0318	0348	1707	1737
7	0323	0353	1659	1728
11	0329	0359	1650	1720
15	0335	0404	1642	1712
19	0340	0409	1634	1703
23	0346	0415	1626	1655
27	0351	0420	1617	1647
OCT 1	0357	0426	1609	1638
5	0402	0431	1601	1630
9	0408	0437	1553	1623
13	0413	0443	1546	1615
17	0419	0449	1538	1608
21	0425	0454	1531	1600
25	0430	0500	1524	1554
29	0436	0506	1517	1547

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
NOV 2	0442	0512	1511	1541
6	0447	0519	1505	1536
10	0453	0525	1459	1531
14	0459	0531	1454	1526
18	0504	0536	1450	1522
22	0510	0542	1446	1519
26	0515	0548	1443	1516
30	0519	0553	1441	1514
DEC 4	0524	0557	1439	1513
8	0528	0602	1438	1512
12	0532	0606	1438	1512
16	0535	0609	1439	1513
20	0537	0611	1440	1514
24	0539	0613	1442	1516
28	0540	0614	1445	1519
JAN 1	0541	0615	1448	1522
5	0540	0614	1452	1526
9	0540	0613	1457	1531
13	0538	0611	1502	1535
17	0536	0608	1508	1540
21	0533	0605	1513	1546
25	0529	0601	1519	1551
29	0525	0557	1525	1557
FEB 2	0520	0552	1532	1603
6	0515	0546	1538	1609
10	0510	0540	1544	1615
14	0503	0534	1551	1621
18	0457	0527	1557	1627
22	0450	0520	1603	1633
26	0443	0513	1609	1639

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
MAR 2	0436	0505	1615	1645
6	0428	0457	1621	1650
10	0420	0449	1627	1656
14	0412	0441	1633	1702
18	0404	0433	1639	1708
22	0356	0425	1645	1714
26	0348	0417	1650	1720
30	0339	0409	1656	1726
APR 3	0331	0401	1702	1732
7	0323	0353	1707	1737
11	0315	0345	1713	1744
15	0306	0337	1719	1750
19	0258	0330	1724	1756
23	0251	0322	1730	1802
27	0243	0315	1736	1808
MAY 1	0236	0309	1741	1814
5	0229	0302	1747	1820
9	0222	0256	1752	1826
13	0216	0251	1758	1832
17	0211	0246	1803	1838
21	0205	0241	1808	1844
25	0201	0237	1812	1849
29	0157	0234	1817	1854
JUN 2	0154	0231	1821	1858
6	0151	0229	1824	1902
10	0149	0228	1827	1905
14	0149	0227	1829	1908
18	0148	0227	1831	1910
22	0149	0228	1832	1911
26	0151	0229	1832	1911
30	0153	0231	1832	1911

SIBIU / Sibiu - LRSB
454709N 0240508E

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
JUL 1	0159	0236	1819	1855
5	0202	0238	1817	1853
9	0206	0241	1816	1851
13	0210	0245	1813	1848
17	0214	0248	1810	1845
21	0218	0253	1807	1841
25	0223	0257	1803	1836
29	0228	0301	1758	1831
AUG 2	0234	0306	1753	1825
6	0239	0311	1747	1819
10	0244	0316	1741	1813
14	0250	0321	1735	1806
18	0255	0326	1728	1759
22	0301	0331	1721	1751
26	0306	0336	1714	1744
30	0311	0341	1707	1736
SEP 3	0316	0345	1659	1728
7	0322	0350	1652	1721
11	0327	0355	1644	1713
15	0332	0400	1636	1705
19	0337	0405	1628	1657
23	0342	0410	1621	1649
27	0347	0415	1613	1641
OCT 1	0352	0420	1605	1633
5	0357	0425	1558	1626
9	0402	0431	1550	1618
13	0408	0436	1543	1611
17	0413	0441	1536	1604
21	0418	0447	1529	1558
25	0423	0452	1522	1551
29	0429	0458	1516	1545

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
NOV 2	0434	0503	1510	1540
6	0439	0509	1505	1534
10	0445	0515	1500	1530
14	0450	0520	1455	1525
18	0455	0526	1451	1522
22	0500	0531	1448	1519
26	0505	0536	1445	1516
30	0509	0541	1443	1514
DEC 4	0514	0546	1441	1513
8	0517	0550	1440	1513
12	0521	0553	1440	1513
16	0524	0556	1441	1514
20	0526	0559	1443	1515
24	0528	0601	1445	1517
28	0529	0602	1448	1520
JAN 1	0530	0602	1451	1523
5	0530	0602	1455	1527
9	0529	0601	1459	1531
13	0528	0600	1504	1536
17	0526	0557	1509	1541
21	0523	0554	1515	1546
25	0520	0551	1520	1551
29	0516	0547	1526	1556
FEB 2	0512	0542	1532	1602
6	0507	0537	1538	1607
10	0502	0531	1543	1613
14	0456	0525	1549	1618
18	0450	0519	1555	1624
22	0444	0512	1601	1630
26	0437	0505	1607	1635

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
MAR 2	0430	0458	1612	1640
6	0423	0451	1618	1646
10	0415	0444	1623	1651
14	0408	0436	1629	1657
18	0400	0428	1634	1702
22	0353	0421	1639	1708
26	0345	0413	1645	1713
30	0337	0405	1650	1718
APR 3	0329	0358	1655	1724
7	0321	0350	1700	1729
11	0314	0343	1706	1735
15	0306	0336	1711	1740
19	0259	0329	1716	1746
23	0251	0322	1721	1752
27	0244	0315	1727	1757
MAY 1	0237	0309	1732	1803
5	0231	0303	1737	1809
9	0225	0257	1742	1814
13	0219	0252	1747	1820
17	0214	0248	1752	1825
21	0209	0243	1756	1830
25	0205	0240	1800	1835
29	0202	0237	1804	1839
JUN 2	0159	0234	1808	1843
6	0157	0233	1811	1847
10	0155	0231	1814	1850
14	0154	0231	1816	1852
18	0154	0231	1818	1854
22	0155	0232	1819	1855
26	0157	0233	1819	1856
30	0159	0235	1819	1855

SUCEAVA / Stefan cel Mare - Suceava - LRSV
474111N 0262116E

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
JUL 1	0140	0218	1818	1856
5	0143	0221	1816	1855
9	0147	0224	1814	1852
13	0151	0228	1812	1849
17	0156	0232	1808	1845
21	0201	0237	1805	1841
25	0206	0241	1800	1835
29	0211	0246	1755	1830
AUG 2	0217	0251	1749	1824
6	0223	0256	1743	1817
10	0229	0302	1737	1810
14	0235	0307	1730	1803
18	0241	0312	1723	1755
22	0247	0318	1716	1747
26	0252	0323	1708	1739
30	0258	0329	1701	1731
SEP 3	0304	0334	1653	1723
7	0310	0339	1645	1715
11	0315	0345	1637	1706
15	0321	0350	1628	1658
19	0326	0356	1620	1649
23	0332	0401	1612	1641
27	0337	0406	1604	1633
OCT 1	0343	0412	1555	1625
5	0348	0418	1547	1617
9	0354	0423	1539	1609
13	0359	0429	1532	1601
17	0405	0435	1524	1554
21	0411	0441	1517	1547
25	0416	0446	1510	1540
29	0422	0452	1503	1533

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
NOV 2	0428	0459	1457	1527
6	0434	0505	1451	1522
10	0439	0511	1445	1517
14	0445	0517	1440	1512
18	0450	0522	1436	1508
22	0456	0528	1432	1505
26	0501	0534	1429	1502
30	0506	0539	1427	1500
DEC 4	0510	0544	1425	1459
8	0514	0548	1424	1458
12	0518	0552	1424	1458
16	0521	0555	1425	1459
20	0523	0557	1426	1500
24	0525	0559	1428	1502
28	0526	0600	1431	1505
JAN 1	0527	0601	1435	1508
5	0527	0600	1439	1512
9	0526	0559	1443	1517
13	0524	0557	1448	1521
17	0522	0555	1454	1526
21	0519	0551	1459	1532
25	0515	0547	1505	1537
29	0511	0543	1512	1543
FEB 2	0507	0538	1518	1549
6	0501	0532	1524	1555
10	0456	0526	1530	1601
14	0450	0520	1537	1607
18	0443	0513	1543	1613
22	0436	0506	1549	1619
26	0429	0459	1555	1625

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
MAR 2	0422	0451	1601	1631
6	0414	0443	1607	1637
10	0406	0435	1613	1642
14	0358	0427	1619	1648
18	0350	0419	1625	1654
22	0342	0411	1631	1700
26	0334	0403	1636	1706
30	0325	0355	1642	1712
APR 3	0317	0347	1648	1718
7	0309	0339	1654	1724
11	0301	0331	1659	1730
15	0253	0323	1705	1736
19	0245	0316	1711	1742
23	0237	0309	1716	1748
27	0229	0302	1722	1754
MAY 1	0222	0255	1728	1800
5	0215	0249	1733	1806
9	0209	0243	1739	1812
13	0202	0237	1744	1818
17	0157	0232	1749	1824
21	0152	0228	1754	1830
25	0147	0224	1758	1835
29	0143	0220	1803	1840
JUN 2	0140	0218	1807	1844
6	0137	0216	1810	1848
10	0136	0214	1813	1851
14	0135	0213	1815	1854
18	0135	0214	1817	1856
22	0135	0214	1818	1857
26	0137	0216	1818	1857
30	0139	0218	1818	1857

TARGU MURES / Mureseni - LRMS
463200N 0243146E

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
JUL 1	0154	0231	1820	1857
5	0157	0233	1819	1855
9	0200	0236	1817	1853
13	0204	0240	1814	1850
17	0209	0244	1811	1847
21	0213	0248	1808	1842
25	0218	0253	1803	1838
29	0224	0257	1758	1832
AUG 2	0229	0302	1753	1826
6	0235	0307	1747	1820
10	0240	0312	1741	1813
14	0246	0317	1735	1806
18	0251	0322	1728	1759
22	0257	0327	1721	1752
26	0302	0333	1714	1744
30	0308	0338	1706	1736
SEP 3	0313	0343	1659	1728
7	0319	0348	1651	1720
11	0324	0353	1643	1712
15	0329	0358	1635	1704
19	0335	0403	1627	1656
23	0340	0408	1619	1648
27	0345	0414	1611	1640
OCT 1	0350	0419	1603	1632
5	0356	0424	1555	1624
9	0401	0429	1548	1616
13	0406	0435	1540	1609
17	0412	0440	1533	1602
21	0417	0446	1526	1555
25	0422	0452	1519	1549
29	0428	0457	1513	1542

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
NOV 2	0433	0503	1507	1537
6	0439	0509	1501	1531
10	0444	0515	1456	1526
14	0450	0521	1451	1522
18	0455	0526	1447	1518
22	0500	0532	1443	1515
26	0505	0537	1441	1513
30	0510	0542	1438	1511
DEC 4	0514	0547	1437	1509
8	0518	0551	1436	1509
12	0521	0554	1436	1509
16	0524	0558	1437	1510
20	0527	0600	1438	1511
24	0529	0602	1440	1513
28	0530	0603	1443	1516
JAN 1	0531	0603	1446	1519
5	0530	0603	1450	1523
9	0530	0602	1455	1527
13	0528	0600	1500	1532
17	0526	0558	1505	1537
21	0523	0555	1510	1542
25	0520	0551	1516	1547
29	0516	0547	1522	1553
FEB 2	0512	0542	1528	1559
6	0507	0537	1534	1604
10	0501	0531	1540	1610
14	0455	0525	1546	1616
18	0449	0518	1552	1621
22	0443	0512	1558	1627
26	0436	0505	1604	1633

MONTH/ DAY	TWIL FROM	SR	SS	TWIL TO
MAR 2	0429	0457	1610	1638
6	0421	0450	1615	1644
10	0414	0442	1621	1650
14	0406	0434	1627	1655
18	0358	0427	1632	1701
22	0350	0419	1638	1706
26	0342	0411	1643	1712
30	0334	0403	1649	1717
APR 3	0326	0355	1654	1723
7	0318	0348	1659	1729
11	0310	0340	1705	1735
15	0303	0333	1710	1740
19	0255	0325	1716	1746
23	0247	0318	1721	1752
27	0240	0312	1726	1758
MAY 1	0233	0305	1732	1804
5	0227	0259	1737	1810
9	0220	0253	1742	1815
13	0215	0248	1747	1821
17	0209	0243	1752	1826
21	0204	0239	1757	1832
25	0200	0235	1801	1837
29	0156	0232	1805	1841
JUN 2	0153	0230	1809	1845
6	0151	0228	1812	1849
10	0149	0226	1815	1852
14	0149	0226	1817	1855
18	0149	0226	1819	1856
22	0149	0227	1820	1858
26	0151	0228	1820	1858
30	0153	0230	1820	1857

TARGU MURES / Transilvania - Targu Mures - LRTM
462804N 0242445E

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
JUL	1	0154	0231	1820	1857
	5	0157	0234	1819	1856
	9	0201	0237	1817	1853
	13	0205	0241	1815	1850
	17	0209	0245	1811	1847
	21	0214	0249	1808	1843
	25	0219	0253	1803	1838
	29	0224	0258	1759	1832
AUG	2	0230	0303	1753	1826
	6	0235	0308	1748	1820
	10	0241	0313	1742	1814
	14	0246	0318	1735	1807
	18	0252	0323	1728	1759
	22	0258	0328	1721	1752
	26	0303	0333	1714	1744
	30	0309	0338	1707	1736
SEP	3	0314	0343	1659	1728
	7	0319	0348	1651	1720
	11	0325	0354	1643	1712
	15	0330	0359	1635	1704
	19	0335	0404	1627	1656
	23	0340	0409	1619	1648
	27	0346	0414	1611	1640
OCT	1	0351	0419	1604	1632
	5	0356	0425	1556	1624
	9	0401	0430	1548	1617
	13	0407	0435	1541	1609
	17	0412	0441	1533	1602
	21	0417	0446	1526	1556
	25	0423	0452	1520	1549
	29	0428	0458	1513	1543

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
NOV	2	0434	0504	1507	1537
	6	0439	0509	1502	1532
	10	0445	0515	1456	1527
	14	0450	0521	1452	1523
	18	0455	0526	1448	1519
	22	0500	0532	1444	1516
	26	0505	0537	1441	1513
	30	0510	0542	1439	1511
DEC	4	0514	0547	1437	1510
	8	0518	0551	1437	1509
	12	0522	0555	1437	1510
	16	0525	0558	1437	1510
	20	0527	0600	1439	1512
	24	0529	0602	1441	1514
	28	0530	0603	1444	1517
JAN	1	0531	0604	1447	1520
	5	0531	0603	1451	1524
	9	0530	0602	1456	1528
	13	0528	0601	1500	1533
	17	0526	0558	1506	1537
	21	0524	0555	1511	1543
	25	0520	0551	1517	1548
	29	0516	0547	1523	1553
FEB	2	0512	0542	1529	1559
	6	0507	0537	1535	1605
	10	0502	0531	1541	1611
	14	0456	0525	1547	1616
	18	0450	0519	1553	1622
	22	0443	0512	1559	1628
	26	0436	0505	1604	1633

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
MAR	2	0429	0458	1610	1639
	6	0422	0450	1616	1645
	10	0414	0443	1622	1650
	14	0406	0435	1627	1656
	18	0359	0427	1633	1701
	22	0351	0419	1638	1707
	26	0343	0411	1644	1712
	30	0335	0404	1649	1718
APR	3	0327	0356	1654	1724
	7	0319	0348	1700	1729
	11	0311	0341	1705	1735
	15	0303	0333	1711	1741
	19	0256	0326	1716	1746
	23	0248	0319	1721	1752
	27	0241	0312	1727	1758
MAY	1	0234	0306	1732	1804
	5	0227	0300	1737	1810
	9	0221	0254	1743	1815
	13	0215	0249	1748	1821
	17	0210	0244	1753	1827
	21	0205	0240	1757	1832
	25	0201	0236	1802	1837
	29	0157	0233	1806	1841
JUN	2	0154	0230	1809	1846
	6	0152	0228	1813	1849
	10	0150	0227	1815	1852
	14	0149	0227	1818	1855
	18	0149	0227	1819	1857
	22	0150	0227	1820	1858
	26	0152	0229	1821	1858
	30	0154	0231	1820	1857

TIMISOARA / Traian Vuia - LRTR
454835N 0212016E

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
JUL	1	0210	0246	1830	1906
	5	0213	0249	1829	1904
	9	0217	0252	1827	1902
	13	0220	0256	1824	1859
	17	0225	0259	1821	1856
	21	0229	0303	1818	1852
	25	0234	0308	1814	1847
	29	0239	0312	1809	1842
AUG	2	0245	0317	1804	1836
	6	0250	0322	1758	1830
	10	0255	0327	1752	1824
	14	0301	0332	1746	1817
	18	0306	0337	1739	1810
	22	0312	0342	1732	1802
	26	0317	0347	1725	1755
	30	0322	0352	1718	1747
SEP	3	0327	0356	1710	1739
	7	0333	0401	1703	1732
	11	0338	0406	1655	1724
	15	0343	0411	1647	1716
	19	0348	0416	1639	1708
	23	0353	0421	1632	1700
	27	0358	0426	1624	1652
OCT	1	0403	0431	1616	1644
	5	0408	0436	1609	1637
	9	0413	0442	1601	1629
	13	0419	0447	1554	1622
	17	0424	0452	1547	1615
	21	0429	0458	1540	1608
	25	0434	0503	1533	1602
	29	0440	0509	1527	1556

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
NOV	2	0445	0514	1521	1550
	6	0450	0520	1515	1545
	10	0456	0526	1510	1541
	14	0501	0531	1506	1536
	18	0506	0537	1502	1533
	22	0511	0542	1458	1530
	26	0516	0547	1456	1527
	30	0520	0552	1454	1525
DEC	4	0525	0557	1452	1524
	8	0529	0601	1451	1524
	12	0532	0604	1451	1524
	16	0535	0608	1452	1525
	20	0537	0610	1454	1526
	24	0539	0612	1456	1528
	28	0541	0613	1458	1531
JAN	1	0541	0614	1502	1534
	5	0541	0613	1506	1538
	9	0540	0612	1510	1542
	13	0539	0611	1515	1547
	17	0537	0608	1520	1551
	21	0534	0605	1525	1557
	25	0531	0602	1531	1602
	29	0527	0558	1537	1607
FEB	2	0523	0553	1543	1613
	6	0518	0548	1549	1618
	10	0513	0542	1554	1624
	14	0507	0536	1600	1629
	18	0501	0530	1606	1635
	22	0455	0523	1612	1640
	26	0448	0516	1618	1646

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
MAR	2	0441	0509	1623	1651
	6	0434	0502	1629	1657
	10	0426	0455	1634	1702
	14	0419	0447	1640	1708
	18	0411	0439	1645	1713
	22	0404	0432	1650	1719
	26	0356	0424	1656	1724
	30	0348	0416	1701	1729
APR	3	0340	0409	1706	1735
	7	0332	0401	1711	1740
	11	0325	0354	1717	1746
	15	0317	0347	1722	1751
	19	0309	0339	1727	1757
	23	0302	0333	1732	1803
	27	0255	0326	1738	1808
MAY	1	0248	0320	1743	1814
	5	0242	0314	1748	1820
	9	0236	0308	1753	1825
	13	0230	0303	1758	1831
	17	0225	0258	1803	1836
	21	0220	0254	1807	1841
	25	0216	0251	1811	1846
	29	0213	0248	1815	1851
JUN	2	0210	0245	1819	1855
	6	0208	0243	1822	1858
	10	0206	0242	1825	1901
	14	0205	0242	1827	1904
	18	0205	0242	1829	1905
	22	0206	0243	1830	1906
	26	0207	0244	1830	1907
	30	0210	0246	1830	1906

TULCEA / Delta Dunarii - LRTC
450346N 0284252E

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
JUL	1	0145	0220	1757	1833
	5	0147	0223	1756	1831
	9	0151	0225	1754	1829
	13	0154	0229	1752	1826
	17	0159	0233	1749	1823
	21	0203	0237	1746	1819
	25	0208	0241	1742	1815
	29	0213	0245	1737	1810
AUG	2	0218	0250	1732	1804
	6	0223	0254	1727	1758
	10	0228	0259	1721	1752
	14	0233	0304	1715	1745
	18	0239	0309	1708	1738
	22	0244	0313	1702	1731
	26	0249	0318	1655	1724
	30	0254	0323	1647	1716
SEP	3	0259	0328	1640	1709
	7	0304	0333	1633	1701
	11	0309	0337	1625	1653
	15	0314	0342	1617	1645
	19	0319	0347	1610	1638
	23	0324	0352	1602	1630
	27	0329	0357	1555	1622
OCT	1	0334	0402	1547	1615
	5	0339	0406	1540	1607
	9	0344	0412	1532	1600
	13	0349	0417	1525	1553
	17	0354	0422	1518	1546
	21	0359	0427	1511	1540
	25	0404	0432	1505	1534
	29	0409	0438	1459	1528

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
NOV	2	0414	0443	1453	1522
	6	0419	0449	1448	1517
	10	0425	0454	1443	1513
	14	0430	0500	1438	1508
	18	0435	0505	1435	1505
	22	0440	0510	1431	1502
	26	0444	0515	1429	1500
	30	0449	0520	1427	1458
DEC	4	0453	0525	1425	1457
	8	0457	0529	1425	1456
	12	0500	0532	1425	1457
	16	0503	0535	1425	1457
	20	0506	0538	1427	1459
	24	0508	0540	1429	1501
	28	0509	0541	1432	1504
JAN	1	0509	0541	1435	1507
	5	0509	0541	1439	1511
	9	0509	0540	1443	1515
	13	0508	0539	1448	1519
	17	0506	0537	1453	1524
	21	0503	0534	1458	1529
	25	0500	0530	1504	1534
	29	0456	0526	1509	1539
FEB	2	0452	0522	1515	1544
	6	0447	0517	1521	1550
	10	0442	0511	1526	1555
	14	0437	0505	1532	1601
	18	0431	0459	1538	1606
	22	0425	0453	1543	1612
	26	0418	0446	1549	1617

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
MAR	2	0411	0439	1554	1622
	6	0404	0432	1600	1628
	10	0357	0425	1605	1633
	14	0350	0417	1610	1638
	18	0342	0410	1615	1643
	22	0335	0402	1621	1648
	26	0327	0355	1626	1654
	30	0319	0347	1631	1659
APR	3	0312	0340	1636	1704
	7	0304	0333	1641	1710
	11	0256	0325	1646	1715
	15	0249	0318	1651	1720
	19	0242	0311	1656	1726
	23	0235	0305	1701	1731
	27	0228	0258	1706	1737
MAY	1	0221	0252	1711	1742
	5	0215	0246	1716	1748
	9	0209	0241	1721	1753
	13	0204	0236	1726	1758
	17	0159	0231	1731	1804
	21	0154	0227	1735	1808
	25	0150	0224	1739	1813
	29	0147	0221	1743	1817
JUN	2	0144	0219	1747	1821
	6	0142	0217	1750	1825
	10	0140	0216	1752	1828
	14	0140	0215	1755	1830
	18	0140	0215	1756	1832
	22	0140	0216	1757	1833
	26	0142	0217	1758	1833
	30	0144	0219	1757	1833

TUZLA / Tuzla - LRTZ
435903N 0283635E

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
JUL	1	0150	0225	1753	1828
	5	0153	0227	1752	1826
	9	0156	0230	1751	1825
	13	0200	0233	1749	1822
	17	0204	0237	1746	1819
	21	0208	0241	1743	1815
	25	0212	0245	1739	1811
	29	0217	0249	1734	1806
AUG	2	0222	0253	1730	1801
	6	0227	0258	1724	1755
	10	0232	0302	1719	1749
	14	0237	0307	1713	1743
	18	0242	0311	1707	1736
	22	0247	0316	1700	1729
	26	0252	0320	1653	1722
	30	0257	0325	1646	1715
SEP	3	0301	0329	1639	1707
	7	0306	0334	1632	1700
	11	0311	0339	1625	1652
	15	0316	0343	1617	1645
	19	0320	0348	1610	1637
	23	0325	0352	1602	1630
	27	0330	0357	1555	1622
OCT	1	0334	0402	1548	1615
	5	0339	0406	1541	1608
	9	0344	0411	1533	1601
	13	0349	0416	1527	1554
	17	0353	0421	1520	1547
	21	0358	0426	1513	1541
	25	0403	0431	1507	1535
	29	0408	0436	1501	1529

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
NOV	2	0413	0442	1456	1524
	6	0418	0447	1451	1519
	10	0423	0452	1446	1515
	14	0428	0457	1442	1511
	18	0433	0503	1438	1508
	22	0438	0508	1435	1505
	26	0442	0512	1432	1503
	30	0446	0517	1430	1501
DEC	4	0451	0521	1429	1500
	8	0454	0525	1429	1500
	12	0458	0529	1429	1500
	16	0501	0532	1430	1501
	20	0503	0534	1431	1502
	24	0505	0536	1433	1505
	28	0506	0537	1436	1507
JAN	1	0507	0538	1439	1510
	5	0507	0538	1443	1514
	9	0506	0537	1447	1518
	13	0505	0536	1452	1522
	17	0503	0534	1457	1527
	21	0501	0531	1502	1532
	25	0458	0528	1507	1537
	29	0455	0524	1512	1542
FEB	2	0451	0520	1518	1547
	6	0446	0515	1523	1552
	10	0441	0510	1529	1557
	14	0436	0504	1534	1603
	18	0430	0458	1540	1608
	22	0424	0452	1545	1613
	26	0418	0445	1550	1618

MONTH/ DAY		TWIL FROM	SR	SS	TWIL TO
MAR	2	0411	0439	1556	1623
	6	0404	0432	1601	1628
	10	0357	0425	1606	1633
	14	0350	0418	1611	1638
	18	0343	0410	1616	1643
	22	0336	0403	1621	1648
	26	0328	0356	1626	1653
	30	0321	0348	1631	1658
APR	3	0313	0341	1635	1703
	7	0306	0334	1640	1708
	11	0259	0327	1645	1713
	15	0252	0320	1650	1719
	19	0245	0314	1655	1724
	23	0238	0307	1700	1729
	27	0231	0301	1705	1734
MAY	1	0225	0255	1709	1739
	5	0219	0249	1714	1745
	9	0213	0244	1719	1750
	13	0208	0240	1723	1755
	17	0203	0235	1728	1800
	21	0159	0231	1732	1804
	25	0155	0228	1736	1809
	29	0152	0225	1740	1813
JUN	2	0149	0223	1743	1817
	6	0147	0221	1746	1820
	10	0146	0220	1749	1823
	14	0145	0220	1751	1825
	18	0146	0220	1752	1827
	22	0146	0221	1753	1828
	26	0148	0222	1754	1828
	30	0150	0224	1754	1828

1	2	3	4
Aerodrome Chart - ICAO*	1:2 500	**GRADIŞTEA/Grădiştea**	
(AC)	1:15 000	**IAŞI/Iaşi**	
	1:4 000	**IAŞI/Iaşi-Sud**	
		ORADEA/Oradea	
	1:5 000	**PITEŞTI/Geamăna**	
	1:5 000	**PIATRA NEAMȚ/Zănești-Neamț**	
	1:5 000	**PLOIEŞTI/Gheorghe Valentin Bibescu-Ploieşti**	
		SATU-MARE/Satu-Mare	
		SIBIU/Sibiu	
	1:20 000	**SUCEAVA/Ştefan cel Mare-Suceava**	
	1:5000	**TÂRGU MUREȘ/Mureșeni**	
	1:15 000	**TÂRGU MUREŞ/Transilvania-Târgu Mureş**	
		TIMIŞOARA/Traian Vuia	
	1:20 000	**TULCEA/Delta Dunării**	
	1:7 000	**TUZLA/Tuzla**	
Heliport Chart - ICAO*	1:2 000	**BRAŞOV/Cobrex**	
(HC)	1:2 500	**GHIMBAV/IAR Braşov**	
	1:2 000	**GHIMBAV/MIR AERO-Braşov**	
	1:1 000	**NĂVODARI/Midia-Constanţa**	
	1:500	**ORADEA/SMURD BH 2**	
	1:1 000	**OŞORHEI/Dogaru**	
Aircraft Parking/Docking Chart - ICAO*		**ARAD/Arad - APRON 1/APRON 2**	
		BACĂU/George Enescu	
		BAIA MARE/Maramureş	
		BRAŞOV/Braşov-Ghimbav	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
		BUCUREŞTI/Henri Coandă - APRON 1	
		BUCUREŞTI/Henri Coandă - APRON 2	
		BUCUREŞTI/Henri Coandă - APRON 3	
		CLUJ NAPOCA/Avram Iancu - APRON 1	
		CLUJ NAPOCA/Avram Iancu - APRON 2	
		CONSTANŢA/Mihail Kogălniceanu-Constanţa	
		CRAIOVA/Craiova - APRON 1	
		CRAIOVA/Craiova - APRON 2	
		CRAIOVA/Craiova - APRON 3 / APRON 4	
		IAŞI/Iaşi	
		ORADEA/Oradea - APRON 1	
		ORADEA/Oradea - APRON 2	
		PLOIEȘTI/Gheorghe Valentin Bibescu-Ploiești	
		SATU MARE/Satu Mare	
		SIBIU/Sibiu	
		SUCEAVA/Ştefan cel Mare-Suceava - APRON 1	
		SUCEAVA/Ştefan cel Mare-Suceava - APRON 2	
		TÂRGU MUREŞ/Transilvania-Târgu Mureş - APRON 1	
		TÂRGU MUREŞ/Transilvania-Târgu Mureş - APRON 2	
		TIMIŞOARA/Traian Vuia - APRON	
		TULCEA/Delta Dunării	
Aerodrome Obstacle Chart - ICAO*	1:10 000	**ARAD/Arad**	**AOC - A 27**
TYPE A (AOC)	1:10 000	**ARAD/Arad**	**AOC - A 09**
	1:15 000	**BACĂU/George Enescu**	**AOC - A 16**
	1:15 000	**BACĂU/George Enescu**	**AOC - A 34**
	1:15 000	**BAIA MARE/Maramureş**	**AOC - A 09/27**
	1:15 000	**BRAŞOV/Braşov-Ghimbav**	**AOC - A 21/03**
	1:15 000	**BUCUREŞTI/Băneasa-Aurel Vlaicu**	**AOC - A 07**
	1:15 000	**BUCUREŞTI/Băneasa-Aurel Vlaicu**	**AOC - A 25**
	1:15 000	**BUCUREŞTI/Henri Coandă**	**AOC - A 08R/26L**
	1:15 000	**BUCUREŞTI/Henri Coandă**	**AOC - A 08L/26R**
	1:15 000	**CLUJ NAPOCA/Avram Iancu**	**AOC - A 07**
	1:15 000	**CLUJ NAPOCA/Avram Iancu**	**AOC - A 25**
	1:15 000	**CONSTANŢA/Mihail Kogălniceanu-Constanţa**	**AOC - A 36/18**
	1:15 000	**CRAIOVA/Craiova**	**AOC - A 08/26**
	1:20 000	**IAŞI/Iaşi**	**AOC - A 14/32**
	1:15 000	**ORADEA/Oradea**	**AOC - A 01**
	1:15 000	**ORADEA/Oradea**	**AOC - A 19**
	1:15 000	**SATU MARE/Satu Mare**	**AOC - A 01**
	1:15 000	**SATU MARE/Satu Mare**	**AOC - A 19**
	1:15 000	**SIBIU/Sibiu**	**AOC - A 09**
	1:15 000	**SIBIU/Sibiu**	**AOC - A 27**
	1:20 000	**SUCEAVA/Ştefan cel Mare-Suceava**	**AOC - A 16/34**
	1:15 000	**TÂRGU MUREŞ/Transilvania - Târgu Mureş**	**AOC - A 07**
	1:15 000	**TÂRGU MUREŞ/Transilvania - Târgu Mureş**	**AOC - A 25**
	1:15 000	**TIMIŞOARA/Traian Vuia**	**AOC - A 11**
	1:15 000	**TIMIŞOARA/Traian Vuia**	**AOC - A 29**
	1:15 000	**TULCEA/Delta Dunării**	**AOC - A 16**
	1:15 000	**TULCEA/Delta Dunării**	**AOC - A 34**

1	2	3	4
Aerodrome Ground Movement Chart - ICAO*	1:25 000	**BUCUREŞTI/Henri Coandă** **CLUJ NAPOCA/Avram Iancu** **PLOIEȘTI/Gheorghe Valentin Bibescu-Ploiești** **TULCEA/Delta Dunării**	
Visual Approach Chart - ICAO* (VAC)	NIL		
Precision Approach Terrain Chart - ICAO* (PATC)		**ARAD/Arad**	
	1:2 500	LRAR PATC RWY 27	
		BACĂU/George Enescu	
	1:2 500	LRBC PATC RWY 16	
	1:2 500	LRBC PATC RWY 34	
		BAIA MARE/Maramureş	
	1:2 500	LRBM PATC RWY 09	
		BRAŞOV/Braşov-Ghimbav	
	1:2 500	LRBV PATC RWY 21	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
	1:2 500	LRBS PATC RWY 07	
		BUCUREŞTI/Henri Coandă	
	1:2 500	LROP PATC RWY 08R	
		LROP PATC RWY 08L	
		CLUJ NAPOCA/Avram Iancu	
		LRCL PATC RWY 25	
		CONSTANŢA/Mihail Kogălniceanu-Constanţa	
	1:2 500	LRCK PATC RWY 36	
		CRAIOVA/Craiova	
	1:2 500	LRCV PATC RWY 26	
		IAŞI/Iaşi	
	1:2 500	LRIA PATC RWY 14	
		SATU MARE/Satu Mare	
	1:2 500	LRSM PATC RWY 19	
		SIBIU/Sibiu	
	1:2 500	LRSB PATC RWY 27	
		SUCEAVA/Ştefan cel Mare-Suceava	
		LRSV PATC RWY 34	
		TÂRGU MUREŞ/Transilvania-Târgu Mureş	
	1:2 500	LRTM PATC RWY 07	
		TIMISOARA/Traian Vuia	
	1:2 500	LRTR PATC RWY 11	
	1:2 500	LRTR PATC RWY 29	
		ORADEA/Oradea	
	1:2 500	LROD PATC RWY 19	
RNAV Departure Chart*		**ARAD/Arad**	
		LRAR RWY 09	
		LRAR RWY 27	
		BRAŞOV/Braşov-Ghimbav	
	1:500 000	LRBV RWY 21	
	1:500 000	LRBV RWY 03	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
		LRBS RWY 07	
		LRBS RWY 25	
		BUCUREŞTI/Henri Coandă	
		LROP RWY 08L/R	
		LROP RWY 26L/R	
		CLUJ NAPOCA/Avram Iancu	
		LRCL RWY 07	
		LRCL RWY 25	
		CRAIOVA/Craiova	
	1:500 000	LRCV RWY 08	
	1:500 000	LRCV RWY 26	
		SIBIU/Sibiu	
		LRSB RWY 09	
		LRSB RWY 27	
		TÂRGU MUREŞ/Transilvania-Târgu Mureş	
		LRTM RWY 07	
		LRTM RWY 25	
		TIMIŞOARA/Traian Vuia	
		LRTR RWY 11	
		LRTR RWY 29	
RNAV Arrival Chart*		**ARAD/Arad**	
		LRAR RWY 09	
		LRAR RWY 27	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
		LRBS RWY 07	
		LRBS RWY 25	
		BUCUREŞTI/Henri Coandă	
		LROP RWY 08L/R	
		LROP RWY 26L/R	

1	2	3	4
RNAV Arrival Chart*		**CLUJ NAPOCA/Avram Iancu**	
		LRCL RWY 07	
		LRCL RWY 25	
		SIBIU/Sibiu	
		LRSB RWY 09	
		LRSB RWY 27	
		TÂRGU MUREŞ/Transilvania-Târgu Mureş	
		LRTM RWY 07	
		LRTM RWY 25	
		TIMIŞOARA/Traian Vuia	
		LRTR RWY 11	
		LRTR RWY 29	
Standard Departure Chart - Instrument - ICAO* (SID)		**ARAD/Arad**	
		LRAR RWY 09	
		LRAR RWY 27	
		BACĂU/George Enescu	
	1:500 000	LRBC RWY 16	
	1:500 000	LRBC RWY 34	
		BAIA MARE/Maramureş	
	1:500 000	LRBM RWY 27	
		BRAŞOV/Braşov-Ghimbav	
	1:500 000	LRBV RWY 21	
	1:500 000	LRBV RWY 03	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
		LRBS RWY 07	
		LRBS RWY 25	
		BUCUREŞTI/Henri Coandă	
		LROP RWYs 08L/R	
		LROP RWYs 26L/R	
		CLUJ-NAPOCA/Avram Iancu	
		LRCL RWY 07/25	
		CONSTANŢA/Mihail Kogălniceanu - Constanţa	
		LRCK RWY 18	
		LRCK RWY 36	
		CRAIOVA/Craiova	
	1:500 000	LRCV RWY 26	
	1:500 000	LRCV RWY 08	
		IAŞI/Iaşi	
	1:500 000	LRIA RWY 14	
	1:500 000	LRIA RWY 32	
		SATU MARE/Satu Mare	
	1:500 000	LRSM RWY 19	
	1:500 000	LRSM RWY 01	
		SIBIU/Sibiu	
		LRSB RWY 09	
		LRSB RWY 27	
		SUCEAVA/Ştefan Cel Mare-Suceava	
	1:500 000	LRSV RWY 16	
	1:500 000	LRSV RWY 34	
		TÂRGU MUREŞ/Transilvania - Târgu Mureş	
		LRTM RWY 07	
		LRTM RWY 25	
		TIMIŞOARA/Traian Vuia-Timişoara	
		LRTR RWY 11	
		LRTR RWY 29	
Standard Arrival Chart - Instrument - ICAO* (STAR)		**ARAD/Arad**	
		LRAR RWY 09	
		LRAR RWY 27	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
		LRBS RWY 07	
		LRBS RWY 25	
		BUCUREŞTI/Henri Coandă	
		LROP RWYs 08L/R	
		LROP RWYs 26L/R	
		CLUJ-NAPOCA/Avram Iancu	
		LRCL RWY 07	
		LRCL RWY 25	
		CONSTANŢA/Mihail Kogălniceanu - Constanţa	
		LRCK RWY 18	
		LRCK RWY 36	
		SIBIU/Sibiu	
		LRSB RWY 27	
		TÂRGU MUREŞ/Transilvania - Târgu Mureş	
		LRTM RWY 07/25	
		TIMIŞOARA/Traian Vuia - Timişoara	
		LRTR RWY 11	
		LRTR RWY 29	

1	2	3	4
ATC Surveillance Minimum Altitude Chart - ICAO*		**ARAD/Arad** **BUCUREŞTI/Băneasa-Aurel Vlaicu** **BUCUREŞTI/Henri Coandă** **CLUJ-NAPOCA/Avram Iancu** **CONSTANŢA/Mihail Kogălniceanu - Constanţa** **SIBIU/Sibiu** **TÂRGU MUREŞ/Transilvania - Târgu Mureş** **TIMIŞOARA/Traian Vuia - Timişoara**	
En-route Charts * / Area Charts * - ICAO	1:1 000 000	**ENROUTE CHART - LOWER AIRSPACE** **Free Route Airspace** **Lateral and Vertical Limits of SEE FRA - BUCUREŞTI CTA within SEE FRA** **ARAD TMA Lateral and vertical limits** **BUCUREŞTI TMA Lateral and vertical limits** **NAPOC TMA Lateral and vertical limits** **Flight Information Service (FIS) Areas**	10 10
Index Charts *		**Prohibited, Restricted and Danger Areas - Upper Airspace** **Temporary Reserved Areas (TRA) Upper Airspace** **Prohibited, Restricted and Danger Areas - Lower Airspace** **Temporary Reserved/Segregated Areas (TRA/TSA) Lower Airspace** **Sectors within BUCUREȘTI CTA BLW FL175** **Sectors within BUCUREȘTI CTA BTN FL175 - FL245** **Sectors within BUCUREȘTI CTA ABV FL245** **Aerodromes and heliports - index chart**	
VFR Chart - ICAO 1:500.000	1:500 000	**VFR Chart North-West ROMANIA (LR-NW)** **VFR Chart North-East ROMANIA (LR-NE)** **VFR Chart South-East ROMANIA (LR-SE)** **VFR Chart South-West ROMANIA (LR-SW)**	5 5 5 5
VFR Chart - ICAO 1:300.000 *	1:300 000	**NAPOC TMA VFR Routes**	5
Visual Operations Chart*		**ARAD/Arad**	
	1:35 000	LRAR Aerodrome traffic circuit	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
	1:70 000	LRBS RWY 07/25 Aerodrome traffic circuit - Aircraft categories A and H	
	1:150 000	LRBS VFR Routes - Aircraft categories A and H	
		BUCUREŞTI/Henri Coandă	
	1:200 000	LROP Aircraft categories A and H	
		CARANSEBEŞ/Banat-Caransebeş	
	1:35 000	LRCS RWY 10/28 Aerodrome traffic circuit	
		CISNĂDIE/Măgura	
	1:30 000	LRCD RWY 14/32 Aerodrome traffic circuit	
		PLOIEȘTI/Gheorghe Valentin Bibescu-Ploiești	
	1:50 000	LRPW RWY 07/25 Aerodrome traffic circuit	
	1:50 000	LRPW Heliport traffic circuit 09/27	
		TUZLA/Tuzla	
	1:50 000	LRTZ RWY 04/22 Aerodrome traffic circuit	
	1:50 000	LRTZ FATO 16/34 Aerodrome traffic circuit	
		BRAŞOV/Sânpetru	
	1:15 000	LRSP RWY12/30 Aerodrome traffic circuit	
		PIATRA NEAMȚ/Zănești-Neamț	
	1:40 000	LRZN RWY 14/32 Aerodrome traffic circuit	
		PITEŞTI/Geamăna	
	1:50 000	LRPT RWY 05 Powered aircraft aerodrome traffic circuit	
	1:50 000	LRPT RWY 23 Glider aerodrome traffic circuit	
		DEVA/Săuleşti-Constantin Manolache	
	1:35 000	LRDV RWY 12/30 Aerodrome traffic circuit	
		ARAD/Charlie-Bravo Şiria	
	1:20 000	LRCB RWY 18/36 Aerodrome traffic circuit	
		BISTRIŢA/Bistriţa	
	1:25 000	LRBN RWY 05/23 Aerodrome traffic circuit	
		GRĂDIŞTEA/Grădiştea	
	1:30 000	LRBA RWY 04/22 Aerodrome traffic circuit	
		CLINCENI/Clinceni	
	1:30 000	LRCN Aerodrome traffic circuit	
		DEZMIR/Dezmir	
	1:30 000	LRCJ RWY 08/26 Aerodrome traffic circuit	
		GHEORGHENI/Remetea	
	1:50 000	LRHR RWY 09/27 Aerodrome traffic circuit	
		CRAIOVA/Craiova-Sud	
	1:30 000	LRCW RWY 12/30 Aerodrome traffic circuit	
		IAŞI/Iaşi-Sud	
	1:35 000	LRIS RWY 13/31 Aerodrome traffic circuit	
		GHIMBAV/IAR BRAŞOV	
	1:30 000	**ORADEA/SMURD BH 2**	
		TÂRGU MUREȘ/Mureșeni	
	1:30 000	LRMS RWY 05/23 Aerodrome traffic circuit	
		BRAȘOV/Corona	
	1:50 000	LRCR RWY 17/35 Aerodrome traffic circuit	

TULCEA / Delta Dunării (LRTC)

1. Landing Charge
UNIT RATE: 3.00 EURO / tone
Additional conditions associated with the landing charge
Definition: Payment of the fee entitles the operator to use the passenger processing flows within the infrastructure provided by the TULCEA/Delta Dunării Airport.
Charge base: Number of passengers processed at TULCEA/Delta Dunării Airport, who leave the airport by air on board an aircraft.
Application rules: The charge applies to all passengers boarded at TULCEA/Delta Dunării Airport, who use the airport infrastructure, based on data transmitted by each airline.
The charge does not apply to passengers in transit, in transfer and children under 2 years of age.
Services offered in exchange for the passenger boarding service charge:
- access to airport terminals on access roads;
- waiting for the boarding flight in an environmental setting;
- informing passengers about flights or other information of general interest;
- providing passengers with strictly necessary utilities - bathrooms with specific facilities for people with disabilities, electricity, phone and laptop charging, and wireless data access;
- facilities for handling passengers' luggage;
- ensuring the microclimate in the terminals (air conditioning, heating, ventilation);
- ensuring passenger safety (fire detection and signaling);
- emergency medical assistance;
- mother and child services.

2. Lighting charge
UNIT RATE: 2.50 EURO / tone

3. Parking charge
UNIT RATE: 0.15 EURO / tone / hour

4. Passengers service
UNIT RATE: 5.00 EURO / passenger

5. Security charge
UNIT RATE: 1.00 EURO / passenger
Additional conditions associated with the airport security charge
Charge basis: Number of passengers processed from TULCEA/Delta Dunării Airport, on the departure flow, in order to board a commercial flight.
The charge applies to all passengers processed on the designated flows for servicing commercial flights, in accordance with the Order of the Ministry of Transport, Construction and Tourism no. 2190 of 2005 on the use of the airport security charge , with subsequent amendments and supplements.
The airport security charge includes:
- Carrying out security checks for passengers
- Formalities for crossing the Romanian state border

The charge does not apply to passengers in transit, in transfer and children under 2 years old.

6. Other charges
6.1 Transit charge
UNIT RATE: 1.00 EURO / passenger in transit
6.2 Transfer charge
UNIT RATE: 1.00 EURO / transferred passenger
Additional conditions associated with the transfer charge
a) The charge is charged for each passenger boarding at the airport, who is in transfer at that airport;
b) The charge does not apply to children under 2 years of age.

7. Discounts
NIL

TULCEA / Delta Dunării (LRTC)

1. Tariful de aterizare
NIVELUL UNITAR AL TARIFULUI: 3.00 EURO / tonă
Conditii suplimentare asociate tarifului de aterizare
Definiție: Plata tarifului dă dreptul operatorului să folosească fluxurile de procesare a pasagerilor din cadrul infrastructurii pusă la dispoziție de către Aeroportul TULCEA/Delta Dunării.
Bază de tarifare: Numărul de pasageri procesați de pe AeroportulTULCEA/Delta Dunării, care părăsesc aeroportul pe calea aerului la bordul unei aeronave.
Reguli de aplicare: Tariful se aplică tuturor pasagerilor îmbarcați de pe AeroportulTULCEA/Delta Dunării, care utilizează infrastructura aeroportuară, pe baza datelor transmise de fiecare companie aeriană.
Tariful nu se aplică pasagerilor în tranzit, în transfer și copiilor mai mici de 2 ani.
Servicii oferite în schimbul perceperii tarifului de servicii îmbarcare pasageri:
- accesul la aerogări pe drumurile de acces;
- așteptarea cursei de îmbarcare într-un cadru ambiental;
- informarea pasagerilor cu privire la zboruri sau alte informații de interes general;
- punerea la dispoziția pasagerilor a utilităților strict necesare - grupuri sanitare cu dotările specifice pentru persoanele cu dizabilități, energie electrică, încărcare telefon, laptop, și acces date wireless;
- facilități privind manevrarea bagajelor călătorilor;
- asigurarea microclimatului în terminale (aer condiționat, încălzire, ventilație);
- asigurarea siguranței pasagerilor (detecție și semnalizare incendiu);
- asistenta medicală de urgență;
- servicii mama și copilul.

2. Tariful de iluminare
NIVELUL UNITAR AL TARIFULUI: 2.50 EURO / tonă

3. Tariful de staţionare
NIVELUL UNITAR AL TARIFULUI: 0.15 EURO / tonă / oră

4. Servicii pentru pasageri
NIVELUL UNITAR AL TARIFULUI: 5.00 EURO / pasager

5. Tarif de securitate aeroportuară
NIVELUL UNITAR AL TARIFULUI: 1.00 EURO / pasager
Condiții suplimentare asociate tarifului de securitate aeroportuară
Baza de tarifare: Numărul de pasageri procesați de pe AeroportuTULCEA/Delta Dunării, pe fluxul de plecare, în vederea îmbarcării într-un zbor cu caracter comercial.
Tariful se aplică tuturor pasagerilor procesați pe fluxurile desemnate pentru deservirea zborurilor cu caracter comercial, în conformitate cu Ordinul Ministerul Transporturilor, Construcțiilor și Turismului nr. 2190 din 2005 privind utilizarea tarifului de securitate aeroportuară, cu modificările și completările ulterioare.
Tariful de securitate aeroportuară cuprinde:
- Efectuarea controlului de securitate pentru pasageri;
- Formalități pentru trecerea frontierei de stat a României.

Tariful nu se aplică pasagerilor în tranzit, în transfer și copiilor mai mici de 2 ani.

6. Alte tarife
6.1 Tariful de tranzit
NIVELUL UNITAR AL TARIFULUI: 1.00 EURO / pasager în tranzit
6.2 Tariful de transfer
NIVELUL UNITAR AL TARIFULUI: 1.00 EURO / pasager în transfer
Condiții suplimentare asociate tarifului de transfer
a) Tariful se percepe pentru fiecare pasager care se îmbarcă pe aeroport, aflat în transfer pe respectivul aeroport.
b) Tariful nu se aplică copiilor mai mici de 2 ani.

7. Reduceri
NIL

8. Exemptions
8.1.According to article 32 paragraph (2) of Law 21/2020 Air Code with subsequent amendments and completions.
8.2 Humanitarian flights of the SMURD type are exempted from the payment of all airport charges and basic handling.

9. Increase
Operation outside the operating hours of the airport, published in AIP ROMÂNIA or through NOTAM :
If airport services are provided outside of opening hours*, the following charges are increased by at least 100%: airport charges, basic handling charges and handling charges on request.
* landing and/or take-off

Note: Current charges don't include VAT.

8. Scutiri
8.1 Conform articol 32 aliniat (2) a Legii 21/2020 Codul Aerian cu modificarile si completările ulterioare.
8.2 Sunt scutite de la plata tuturor tarifelor aeroportuare și handling de bază zborurile umanitare de tip SMURD.

9. Majorări
Operarea în afara orelor de funcționare ale aeroportului, publicate în AIP ROMÂNIA sau prin NOTAM:
În cazul în care serviciile aeroportuare sunt prestate în afara orelor de program*, următoarele tarife se majorează cu cel puțin 100%: tarife de aeroport, tarife handling de bază și tarife handling la cerere.
* aterizare și/sau decolare

Nota: Tarifele nu includ TVA.

(b) In the event of a delay of 30 minutes in excess of the estimated off-block time for a controlled flight or a delay of 1 hour for an uncontrolled flight for which a flight plan has been submitted, the flight plan shall be amended, or a new flight plan submitted, and the old flight plan cancelled, whichever is applicable. For any flight operated in accordance with IFR, delays of more than 15 minutes shall be communicated to the IFPS (EUROCONTROL) as Network Manager.
(c) In the case of a change in the aircraft equipment and its capability status for a flight, aircraft operators, or the agents that act on their behalf, shall send a modification message to the IFPS (EUROCONTROL) or the air traffic services reporting offices with the appropriate indicator inserted in the relevant item of the flight plan form.
(d) Information submitted prior to departure regarding fuel endurance or total number of persons carried on board, if incorrect at the time of departure, constitutes a significant change to the flight plan and, as such, shall be reported.

2.5 For any IFR flight or IFR part of a VFR/IFR flight arriving, overflying or departing IFPZ, a flight plan shall be submitted, directly or through the responsible ARO/Briefing serving the departure aerodrome, to IFPS.

Departure aerodrome	Responsible ARO/Briefing	Operational hours	Telephone	Fax
LRAR, LRBV, LRTR	ARO/Briefing Timişoara	W: MON-THU 0500-1330 FRI 0500-1100 EXC HOL S: MON-THU 0400-1230 FRI 0400-1000 EXC HOL	+40 (0) 256 494 034	+40 (0) 256 494 034
	ARO/Briefing Bucureşti Otopeni	Outside ARO/Briefing Timișoara operational hours	+40 (0) 212 032 122 +40 (0) 212 032 127 +40 (0) 213 114 315 +40 (0) 213 114 316	+40 (0) 212 032 127 +40 (0) 213 114 316
LRBC, LRBM, LROP, LRBS, LRCL, LRCK, LRCV, LRIA, LROD, LRSM, LRSB, LRSV, LRTM, LRTC	ARO/Briefing Bucureşti Otopeni	H24	+40 (0) 212 032 122 +40 (0) 212 032 127 +40 (0) 213 114 315 +40 (0) 213 114 316	+40 (0) 212 032 127 +40 (0) 213 114 316

For any part of a flight that is carried out within IFPZ, flight plan must be submitted in accordance with the provisions contained the above specified documents, preferably using the IFPS readdressing function.
For the VFR flights departing from an uncontrolled aerodrome for which submission of a flight plan is required prior to departure, the flight plan shall be submitted to the nearest ARO/Briefing as listed above.
In order to obtain clearance for crossing a controlled area or landing at a controlled aerodrome for a flight operated under the VFR rules, the crew of an aircraft in flight may transmit a simplified flight plan to the responsible ATS unit.
The flight plan may be submitted by fax, under the condition that the flight plan is forwarded on ICAO flight plan form and a confirmation for the acceptance of the flight plan is requested from ARO.
The flight plan may be submitted via website: https://flightplan.romatsa.ro . Prior user registration is required.
The flight plan may be submitted by telephone to the nearest ARO/Briefing only if the following conditions are met:
- the aircraft is performing a domestic VFR/GAT flight during day time;
- the aircraft departs from a field or from a water surface where no other communication means are available (AFTN/Fax).

(b) În cazul unei întârzieri de 30 de minute care depășește ora estimată de plecare de la locul de staționare pentru un zbor controlat sau al unei întârzieri de o oră pentru un zbor necontrolat pentru care a fost depus un plan de zbor, planul de zbor trebuie modificat sau trebuie depus un nou plan de zbor, iar vechiul plan de zbor trebuie anulat, după caz. Pentru orice zbor operat în conformitate cu IFR, întârzierile mai mari de 15 minute se comunică IFPS (EUROCONTROL), în calitate de administrator de rețea.
(c) În cazul unei modificări a echipamentelor aeronavei și a nivelului capacității acestora pentru un zbor, operatorii de aeronave sau agenții care acționează în numele lor trebuie să trimită un mesaj de modificare la IFPS (EUROCONTROL) sau birourilor de raportare ale serviciilor de trafic aerian, cu indicatorul corespunzător introdus la elementul relevant din formularul planului de zbor.
(d) Dacă informațiile transmise înainte de plecare cu privire la autonomia aeronavei sau numărul total de persoane la bord sunt incorecte la momentul plecării, acestea constituie o modificare semnificativă a planului de zbor și, ca urmare, trebuie raportate.

2.5 Pentru orice zbor IFR, inclusiv pentru porţiunile de zbor IFR ale zborurilor mixte IFR/VFR, care intră în, survolează sau pleacă din IFPZ, trebuie să fie depus un plan de zbor către IFPS, direct sau prin intermediul unităţii ARO/Briefing responsabile care deserveşte aerodromul de plecare.

Aerodromul de plecare	ARO/Briefing responsabil	Ore de funcţionare	Telefon	Fax
LRAR, LRBV, LRTR	ARO/Briefing Timişoara	W: MON-THU 0500-1330 FRI 0500-1100 EXC HOL S: MON-THU 0400-1230 FRI 0400-1000 EXC HOL	+40 (0) 256 494 034	+40 (0) 256 494 034
	ARO/Briefing Bucureşti Otopeni	În afara orelor de operare a unității ARO/Briefing Timișoara	+40 (0) 212 032 122 +40 (0) 212 032 127 +40 (0) 213 114 315 +40 (0) 213 114 316	+40 (0) 212 032 127 +40 (0) 213 114 316
LRBC, LRBM, LROP, LRBS, LRCL, LRCK, LRCV, LRIA, LROD, LRSM, LRSB, LRSV, LRTM, LRTC	ARO/Briefing Bucureşti Otopeni	H24	+40 (0) 212 032 122 +40 (0) 212 032 127 +40 (0) 213 114 315 +40 (0) 213 114 316	+40 (0) 212 032 127 +40 (0) 213 114 316

Pentru orice porţiune a unui zbor care se desfăşoară în afara IFPZ, planul de zbor trebuie transmis în conformitate cu cerinţele cuprinse în documentele specificate la punctul 1 de mai sus, de preferat utilizând funcţia de readresare a IFPS.
Pentru zborurile VFR care pleacă de pe un aerodrom necontrolat şi pentru care este necesar a se depune un plan de zbor anterior decolării, planul de zbor trebuie transmis la cea mai apropiată dintre unităţile ARO/Briefing enumerate mai sus.
În scopul obţinerii aprobării pentru traversarea unui spaţiu controlat sau pentru aterizarea pe un aerodrom controlat, echipajul unei aeronave care efectuează un zbor VFR poate transmite din zbor, către unitatea ATS competentă, un plan de zbor simplificat.
Planul de zbor poate fi transmis prin fax la ARO/Briefing cu condiţia ca acesta să fie completat pe un formular plan de zbor ICAO şi să se solicite ulterior de la ARO/Briefing confirmarea acceptării planului de zbor.
Planul de zbor poate fi depus prin internet accesând site-ul web: https://flightplan.romatsa.ro. Este necesară înregistrarea anterioară a utilizatorilor.
Planurile de zbor pot fi depuse prin telefon, la cea mai apropiată unitate ARO/Briefing numai dacă se îndeplinesc cumulativ următoarele condiţii:
- aeronava execută un zbor VFR/GAT intern pe timp de zi;
- aeronava decolează de pe un teren sau o suprafaţă de apă, unde nu sunt disponibile alte mijloace de comunicaţie (AFTN/fax).

AD 3. HELIPORTS

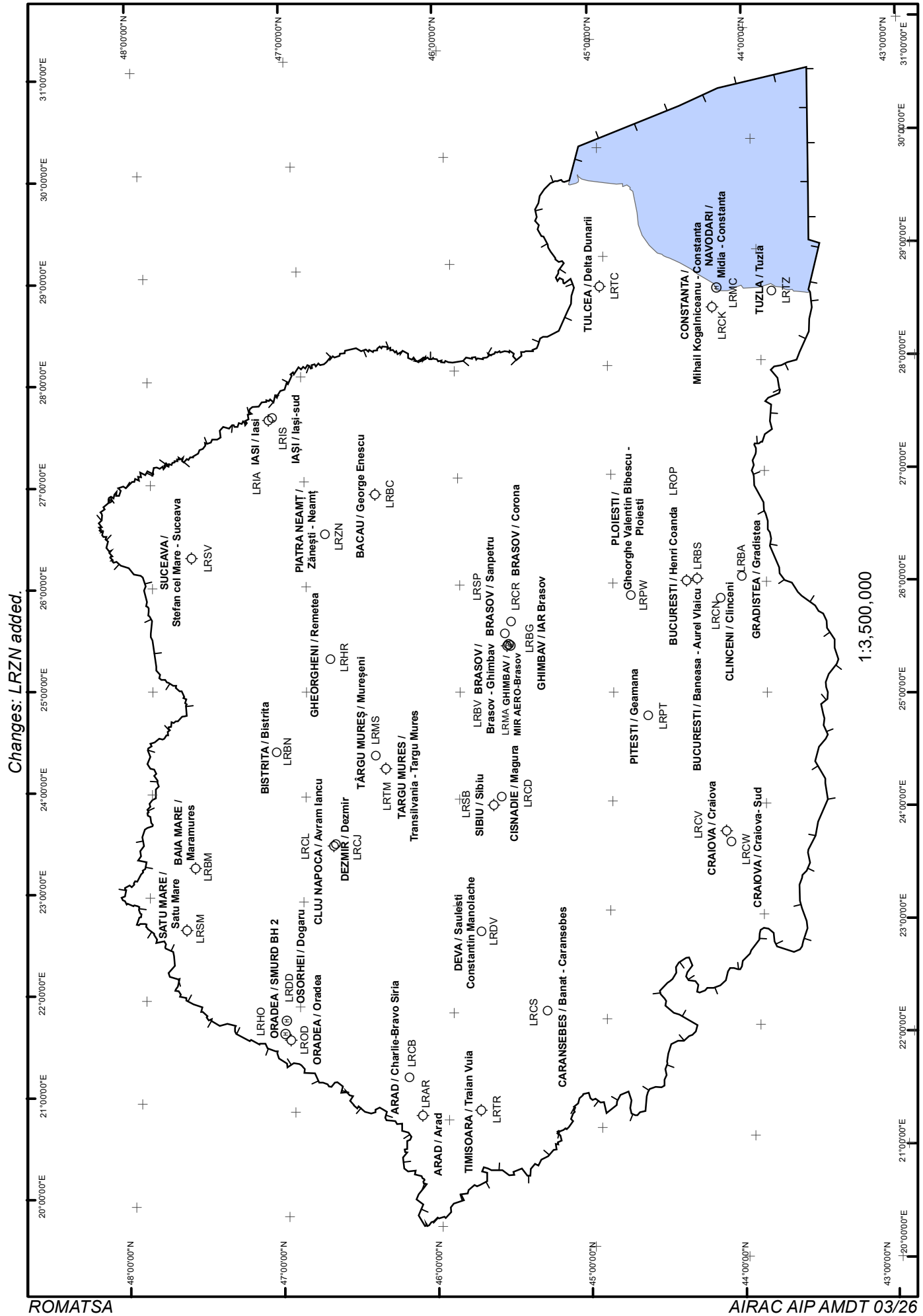
AD 1.3 INDEX TO AERODROMES AND HELIPORTS

Aerodrom/heliport name *Location indicator*	*Type of traffic permitted to use the aerodrome/heliport* *International - National (INTL-NTL)*	*IFR-VFR*	*S =Scheduled* *NS =Non-scheduled* *P = Private*	*Reference to AD section and remarks*
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	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
Remarks: (INTL) - *opened to international traffic only in certain circumstances;* *- for details, see AD section for each aerodrome.*				

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
BRAŞOV/Braşov-Ghimbav LRBV	INTL - NTL	IFR - VFR	S - NS - P	AD 2.29
DEZMIR/Dezmir LRCJ	NTL	VFR	NS - P	AD 2.30
GHEORGHENI/Remetea LRHR	NTL	VFR	NS - P	AD 2.31
CRAIOVA/Craiova-Sud LRCW	NTL	VFR	NS - P	AD 2.32
IAȘI/Iași-Sud LRIS	NTL	VFR	NS - P	AD 2.33
TÂRGU MUREȘ/Mureșeni LRMS	NTL	VFR	NS - P	AD 2.34
BRAȘOV/Corona LRCR	NTL	VFR	NS - P	AD 2.35
PIATRA NEAMȚ/Zănești-Neamț LRZN	NTL	VFR	P	AD 2.36
Remarks: (INTL) - *opened to international traffic only in certain circumstances;* *- for details, see AD section for each aerodrome.*				

1	2	3	4	5
Heliports				
GHIMBAV/IAR BRAŞOV LRBG	NTL	VFR	NS - P	AD 3.2
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

AERODROMES AND HELIPORTS - INDEX CHART



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

Aerodrome name *Location indicator*	*Date of initial certification* *Data certificării iniţiale*	*Certificate validity* *Valabilitatea certificatului*	*Remarks* *Observaţii*
1	2	3	4
ARAD/Arad LRAR	15.04.2002	Unlimited	AD 2.1
ARAD/Charlie-Bravo Şiria LRCB	20.10.2014	01.11.2024	AD 2.25
BACĂU/George Enescu LRBC	01.09.2002	Unlimited	AD 2.2 Civ / Mil
BAIA MARE/Maramureş LRBM	10.07.2002	Unlimited	AD 2.3
BISTRIŢA/Bistriţa LRBN	23.03.2017	Unlimited	AD 2.26
BRAŞOV/Braşov-Ghimbav LRBV	09.12.2022	Unlimited	AD 2.29
BUCUREŞTI/Băneasa-Aurel Vlaicu LRBS	15.07.2002	Unlimited	AD 2.4
BUCUREŞTI/Henri Coandă LROP	30.04.2002	Unlimited	AD 2.5 Civ / Mil
CARANSEBEŞ/Banat-Caransebeş LRCS	29.05.2020	Unlimited	AD 2.6
CISNĂDIE/Măgura LRCD	23.06.2008	Unlimited	AD 2.18
CLINCENI/Clinceni LRCN	24.05.2016	Unlimited	AD 2.28
CLUJ NAPOCA/Avram Iancu LRCL	15.06.2002	Unlimited	AD 2.7
CONSTANŢA/Mihail Kogălniceanu-Constanţa LRCK	10.06.2002	Unlimited	AD 2.8 Civ / Mil
BRAȘOV/Corona LRCR	04.11.2022	Unlimited	AD 2.35
CRAIOVA/Craiova LRCV	25.04.2002	Unlimited	AD 2.9
CRAIOVA/Craiova-Sud LRCW	19.10.2011	Unlimited	AD 2.32
DEVA/Săuleşti-Constantin Manolache LRDV	13.10.2011	Unlimited	AD 2.24
DEZMIR/Dezmir LRCJ	04.01.2019	Unlimited	AD 2.30
GHEORGHENI/Remetea LRHR	26.04.2023	Unlimited	AD 2.31
GRĂDIŞTEA/Grădiştea LRBA	26.08.2019	Unlimited	AD 2.27
IAŞI/Iaşi LRIA	30.05.2002	Unlimited	AD 2.10
IAŞI/Iaşi-Sud LRIS	25.07.2011	Unlimited	AD 2.33
ORADEA/Oradea LROD	20.08.2002	Unlimited	AD 2.11
PIATRA NEAMȚ/Zăneşti-Neamţ LRZN	01.08.2022	Unlimited	AD 2.36
PITEŞTI/Geamăna LRPT	10.10.2011	Unlimited	AD 2.23
PLOIEŞTI/Gheorghe Valentin Bibescu - Ploieşti LRPW	26.07.2007	Unlimited	AD 2.19
SATU MARE/Satu Mare LRSM	10.07.2002	Unlimited	AD 2.12

Aerodrome name *Location indicator*	*Date of initial certification* *Data certificării iniţiale*	*Certificate validity* *Valabilitatea certificatului*	*Remarks* *Observaţii*
1	2	3	4
Sânmihaiu German LRSG	07.12.2023	Unlimited	Not published
SÂNPETRU/Sânpetru LRSP	22.02.2010	Unlimited	AD 2.21
SIBIU/Sibiu LRSB	30.07.2002	Unlimited	AD 2.13
SUCEAVA/Ştefan cel Mare-Suceava LRSV	01.09.2002	Unlimited	AD 2.14
TĂUŢII MĂGHERĂUŞ/Tăuţii-Măgherăuş LRMM	12.07.2016	Unlimited	Not published
TÂRGU MUREŞ/Mureşeni LRMS	26.05.2011	Unlimited	AD 2.34
TÂRGU MUREŞ/Transilvania-Târgu Mureş LRTM	20.06.2002	Unlimited	AD 2.15
TIMIŞOARA/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	Unlimited	AD 2.20

Heliport name *Location indicator*	*Date of initial certification* *Data certificării iniţiale*	*Certificate validity* *Valabilitatea certificatului*	*Remarks* *Observaţii*
1	2	3	4
BALC/Complex Vânătoare Fagu-Balc LRFB	07.08.2012	Unlimited	Not published
BUCUREŞTI/Spitalul Universitar de Urgenţă (SUUB)	03.12.2019	25.11.2024	Not published
BUCUREŞTI/West Gate LRWG	30.06.2014	20.07.2024	Not published
CONSTANŢA/Punct de Operare Aeromedicală SMURD LRCH	07.03.2016	Unlimited	Not published
GHIMBAV/IAR BRAŞOV LRBG	17.06.2009	15.12.2024	AD 3.2
GHIMBAV/MIR AERO-Braşov LRMA	26.10.2017	Unlimited	AD 3.6
Heliportul Spitalului Judeţean de Urgenţă Bistriţa - SMURD BN 1	16.08.2021	16.08.2024	Not published
Heliplatforma ANA	07.03.2022	10.09.2025	Not published
Heliportul Spitalului Judeţean de Urgenţă Miercurea Ciuc - SMURD HR 1	02.09.2022	Unlimited	Not published
Heliportul Spitalului Judeţean de Urgenţă Bacău - SMURD BC 1	03.11.2022	Unlimited	Not published
Heliportul SMURD SV 1	08.02.2024	Unlimited	Not published
MOARA VLĂSIEI/Moara Vlăsiei-Becker LRBK	03.07.2002	01.09.2024	Not published
NĂVODARI/Midia-Constanţa LRMC	11.12.2014	Unlimited	AD 3.5

Heliport name Location indicator	Date of initial certification Data certificării iniţiale	Certificate validity Valabilitatea certificatului	Remarks Observaţii
1	2	3	4
OITUZ/PA&CO LRCC	23.06.2008	01.11.2024	Not published
ORADEA/SMURD BH 2 LRHO	20.03.2017	01.05.2024	AD 3.7
OŞORHEI/Dogaru LRDD	30.07.2020	Unlimited	AD 3.8

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
4000 FT

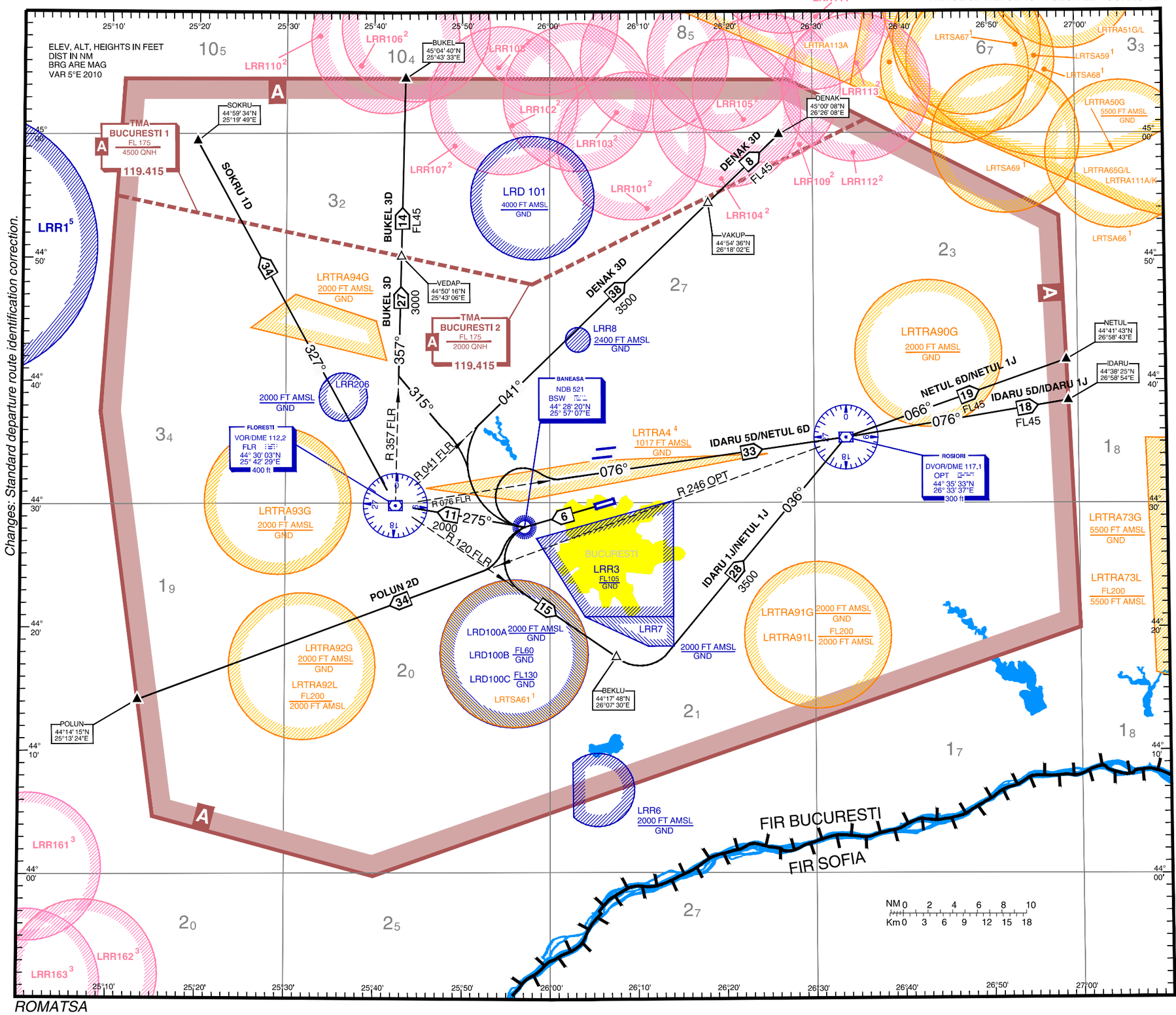
BANEASA TWR	125.205
BANEASA TWR ALTN	120.800
BANEASA GND	129.950

BANEASA ATIS	126.125
BUCURESTI VOLMET	126.800
BUCURESTI APPROACH	119.415
BUCURESTI APP ALTN	120.600

SECTOR	LOMOS	122.030
	LOMOS ALTN	126.080
	LOMOS ALTN	124.975
	KOMAN	130.315
	KOMAN	122.030
	KOMAN ALTN	126.080
	KOMAN ALTN	124.975

SECTOR	ARGES	121.285
	ARGES	122.365
	ARGES ALTN	124.975
	NERDI	135.360
	NERDI ALTN	123.890

BUCUREŞTI / Băneasa-Aurel Vlaicu
RWY 25 (LRBS)
BUKEL 3D DENAK 3D IDARU 5D IDARU 1J
NETUL 6D NETUL 1J POLUN 2D SOKRU 1D



Standard Instrument Departure Routes (SID) are also noise abatement routings. Strict adherance within the limit of performance criteria is mandatory.

DESIGNATOR DEPARTURE ROUTE	DEPARTURE ROUTE AND LEVEL INSTRUCTIONS / REMARKS
BUKEL 3D	To BSW NDB or 2000 QNH, whichever is later, turn RIGHT, intercept BRG 315 from BSW NDB, intercept RDL 357 FLR VOR/DME to BUKEL. PDG min 3.8% due to airspace structure. Not available for traffic to NEPOT.
DENAK 3D	To BSW NDB or 2000 QNH, whichever is later, turn RIGHT, intercept RDL 041 FLR VOR/DME to DENAK. Cross DENAK at or above minimum En-Route FL.
IDARU 5D	To BSW NDB or 2000 QNH, whichever is later, turn RIGHT, intercept RDL 256 OPT VOR/DME inbound to OPT VOR/DME, intercept RDL 076 OPT VOR/DME to IDARU. Cross IDARU at or above FL60.
IDARU 1J	To BSW NDB, turn LEFT, RDL 120 FLR VOR/DME to BEKLU, turn LEFT, RDL 216 OPT VOR/DME inbound to OPT VOR/DME, intercept RDL 076 OPT VOR/DME to IDARU. Cross IDARU at or above FL60.
NETUL 6D	To BSW NDB or 2000 QNH, whichever is later, turn RIGHT, intercept RDL 256 OPT VOR/DME inbound to OPT VOR/DME, R066 OPT VOR/DME to NETUL. Cross NETUL at or above FL60.
NETUL 1J	To BSW NDB, turn LEFT, RDL 120 FLR VOR/DME to BEKLU, turn LEFT, RDL 216 OPT VOR/DME inbound to OPT VOR/DME, intercept RDL 066 OPT VOR/DME to NETUL. Cross NETUL at or above FL60.
POLUN 2D	To BSW NDB, turn LEFT, intercept RDL 246 OPT VOR/DME to POLUN climbing at or above FL100. Not available for traffic to MOPUG. PDG min 4.0% due to airspace structure.
SOKRU 1D	To BSW NDB or 2000 QNH, whichever is later, intercept RDL 095 FLR VOR/DME inbound to FLR VOR/DME, turn RIGHT, intercept RDL 327 FLR VOR/DME to SOKRU. PDG min 4.0% due to airspace structure. Not available for traffic to DIRER.

NOTE: 1. Vertical limits are issued by NOTAM

2. Vertical limits $\frac{\text{FL255}}{\text{GND}}$

3. Vertical limits $\frac{\text{FL240}}{\text{GND}}$

4. During LRTRA4 activity, IFR flight is not affected

5. Vertical limits: $\frac{\text{FL60}}{\text{GND}}$ for subsonic FLT

$\frac{\text{FL660}}{\text{GND}}$ for supersonic FLT

TEMPORARY RESERVED AREAS			
Identification	Vertical limits	Identification	Vertical limits
LRTRA51G	GND - 5500 FT AMSL	LRTRA111A	FL65 - FL280
LRTRA51L	5500 FT AMSL - FL200	LRTRA111K	FL65 - FL280
LRTRA65G	GND - 5500 FT AMSL	LRTRA113A	FL130 - FL280
LRTRA65L	5500 FT AMSL - FL200		

RADIO COMMUNICATION FAILURE PROCEDURE

Set transponder to 7600, then:
- continue on assigned and acknowledged SID. After 2 minutes climb to FPL flight level.
- if being vectored, continue on assigned heading for 2 minutes, then proceed direct to last SID point climbing to FPL flight level.

LRCS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY designator	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
10	109.92°	2000 x 45	6/R/B/W/T Concrete	452523.84N 0221425.00E 452501.78N 0221551.48E GUND 143 FT	THR 808 FT	1.7% (1000 M) 0.0% (1000 M)
28	289.91°	2000 x 45	6/R/B/W/T Concrete	452501.78N 0221551.48E 452523.84N 0221425.00E GUND 143 FT	THR 863 FT	0.0% (1000 M) -1.7% (1000 M)

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	NIL	2120 x 150	NIL	NIL	NIL	NIL
NIL	NIL	2120 x 150	NIL	NIL	NIL	NIL

LRCS AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
10	2000	2000	2000	2000	NIL
28	2000	2000	2000	2000	NIL

LRCS AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
NIL									

LRCS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	NIL
2	LDI location and LGT Anemometer location and LGT	NIL
3	TWY edge and centre line lights	NIL
4	Secondary power supply/switch-over time	NIL
5	Remarks	NIL

LRCS AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	NIL
2	TLOF and/or FATO elevation	NIL
3	TLOF and FATO area dimensions, surface, strength, marking	NIL
4	True BRG of FATO	NIL
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	NIL

LRCS AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	NIL

LRCS AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Channel*	*SATVOICE*	*Logon address*	*Hours of operation*	*Remarks*
1	2	3	4	5	6	7
NIL						

LRCS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS give declination)	*ID*	*Frequency*	*Hours of operation*	*Position of transmitting antenna coordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	2	3	4	5	6	7
NIL						

LRCS AD 2.20 LOCAL AERODROME REGULATIONS

NIL

LRCS AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

LRCS AD 2.22 FLIGHT PROCEDURES

NIL

LRCS AD 2.23 ADDITIONAL INFORMATION

NIL

LRCS AD 2.24 CHARTS RELATED TO THE AERODROME

LRCS AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

NIL

LRTR AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LRTR - TIMIŞOARA / 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 Timişoara.
3	*Elevation/Reference temperature/Mean low temperature*	348 FT / 31.9°C / -9.8°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 Internaţional Timişoara Traian Vuia S.A., Str. Aeroport Nr. 2, 307200 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 3.1-6.
5	*ATS Reporting Office (ARO)*	H24, see ENR 1.10-3.
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 addresed 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 46 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 accesories RA 4321, Lifting Airbag 18tf HLB 18, Pressure reducer PRV 823, Pulling chains (with hooks) for hydraulic spreader, Combined tool (cutter and spreader), Connnecting 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. Local Action Coordinator: + 40-(0)787-389449 substitute: + 40-(0)720-440851 (24/7) e-mail: dispatch@aerotim.ro
4	*Remarks*	NIL

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

1	*Types of clearing equipment*	1 snow blower, 2 tractors with snow plough and spreader for liquid and solid de-icing material, 2 high-capacity snow-clearing machines with four operations - removal / sweeping / vacuuming / spreding of liquid de-icing material, 1 small-capacity three-operations snow-clearing machine with snow brush / snow plough / spreader for liquid de-icing material.
2	*Clearance priorities*	1. RWY 11/29, ILS critical areas, RWY 11 END turn pad and access road from the fire station to RWY and TWY A or TWYs C, L. 2. TWY B and TWYs D, E from runway edge to the runway holding position. 3. Apron. 4. Services roads.
3	*Use of material for movement area surface treatment*	RWY de/anti-icing substances type used: Potassium acetate fluid (KAC), Potassium formate fluid (KFOR) and UREA.
4	*Specially prepared winter runways*	NIL
5	*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. 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: Strength:	Concrete 35/R/B/W/T
2	*Taxiway designation, width, surface and strength*	Width: Surface: Strength:	TWY A 23 M (38 M including shoulders) TWY B 23 M (38 M including shoulders) TWY C 33 M (35 M including shoulders) TWY L 23 M (25 M including shoulders) Asphalt (A,B), Concrete (C,L) 71/R/D/W/T (A), 43/R/D/W/T (B), 54/R/D/W/T (C,L)
3	*ACL location and elevation*	Location: Elevation:	At Apron. 341 FT / 104 M
4	*INS checkpoints*	INS:	See AD 2.16-22
5	*Remarks*	RWY turning pad:	Location: RWY 11 END Surface: Concrete Dimensions: 100 M x 27 M Strength: 45/R/D/W/T TWY P, TWY D and TWY E – available for military traffic only (MIL).

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 RWY 11 END): - 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, TWY B 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, TWY B and TWY C (that are permanently lighted red). Guard Lights on TWY A and TWY B (that are permanently lighted).
4	*Other RWY protection measure*	NIL
5	*Remarks*	NIL

LRTR AD 2.20 LOCAL AERODROME REGULATIONS
1. Airport regulations / Reglementări de aeroport

1.1 Procedures for acceptance of the aircraft on airfield pavements

1.1.1 Pavements bearing strength details:

- RWY 11: - first 2500m – PCN 72/R/D/W/T
  - last 1000m – PCN 44/R/D/W/T
- TWY A – PCN 71/R/D/W/T
- TWY B – PCN 43/R/D/W/T
- TWY C – PCN 54/R/D/W/T
- TWY L – PCN 54/R/D/W/T
- Stands 1…3 – PCN 42/R/B/W/T
- Stands 4…7 – PCN 35/R/B/W/T
- Stands 8, 9 – PCN 54/R/B/W/T
- Stands 10…14 – PCN 54/R/B/W/T

1.1.2 Before landing at the airport or before declaring LRTR as an alternate, for aircraft with maximum ACN higher than 46 for rigid pavements subgrades D, operators are required to contact airport administration for authorization to operate at the aerodrome.

1.1.3 Rules for aircraft with actual ACN higher than 46 for rigid pavements subgrades code D:

a) only land on RWY 29, unless the wind does not permit doing so;
b) will be parked on position 08, and stands 04-07 will be used as a reserve;
c) take off on RWY 11, unless the wind does not permit doing so.

1.2 Turn around on runway is permitted only at turn pad at RWY 11 END.

~~**1.3 Use of airport by higher code letter aircraft**~~

~~**1.3.1** LRTR airport reference code letter is 4D. In this context, aircraft with higher code than 4D means wingspan greater than 52m.~~

~~**1.3.2** Aircraft with code higher than aerodrome code 4D (wingspan greater than 52m):~~

~~a) shall obtain aerodrome operator's prior approval; request will be sent at safety@aerotim.ro or dispatch@aerotim.ro minimum 60 days before flight;~~
~~b) in case of declared emergency situation may use LRTR without prior approval.~~

~~**1.3.3** Standard taxi routes restrictions for higher code letter aircraft:~~

~~a) Land only on RWY 29, unless the wind does not permit doing so;~~

~~b) Take off only on RWY 11, unless the wind does not permit doing so;~~

~~c) Turn pad dimensions at the end of runway 11 are 100m x 27m and the pavement strength is 45/R/D/W/T;~~
~~d) Runway vacate is prohibited on TWY C;~~
~~e) Aircraft with a wingspan greater than 52m, for runway vacate or runway access, shall use TWY B (recommended);~~
~~f) Parking of aircraft with a higher letter code will be used at stand 08 in accordance with the marshaller signals.~~

1.1 Proceduri de admisibilitate a aeronavelor pe suprafaţa de mişcare

1.1.1 Detalii asupra portanţei suprafeţelor de mişcare:

- RWY 11: - primii 2500m – PCN 72/R/D/W/T
  - ultimii 1000m – PCN 44/R/D/W/T
- TWY A – PCN 71/R/D/W/T
- TWY B – PCN 43/R/D/W/T
- TWY C – PCN 54/R/D/W/T
- TWY L – PCN 54/R/D/W/T
- Stands 1…3 – PCN 42/R/B/W/T
- Stands 4…7 – PCN 35/R/B/W/T
- Stands 8, 9 – PCN 54/R/B/W/T
- Stands 10…14 – PCN 54/R/B/W/T

1.1.2 Înainte de operarea pe aeroport sau înainte de a declara LRTR ca aeroport de rezervă, pentru aeronavele cu ACN maxim mai mare decât 46 pentru suprafaţă rigidă D, operatorii sunt avertizaţi să ia legătura cu administraţia aeroportului pentru obţinerea autorizării de a opera pe aerodrom.

1.1.3 Reguli pentru aeronavele cu ACN real mai mare de 46 pentru suprafaţă rigidă categoria D:

a) se va ateriza doar pe pista 29, cu excepţia cazului în care vântul nu permite a se proceda astfel;
b) vor fi parcate pe poziţia 08, şi ca rezervă vor fi utilizate standurile 04-07;
c) se va decola doar pe pista 11, cu excepţia cazului în care vântul nu permite a se proceda astfel.

1.2 Întoarcerea aeronavelor pe pistă este permisă doar pe platforma de întoarcere de la sfârşitul pistei 11.

~~**1.3 Utilizarea aeroportului de către aeronave cu literă de cod superioară**~~

~~**1.3.1** Litera de cod a LRTR este 4D. În acest context, aeronave de cod superior decât 4D, înseamnă aeronave cu anvergură mai mare de 52m.~~

~~**1.3.2** Aeronavele cu litera de cod superioară celei de referinţă a aerodromului 4D (anvergură mai mare de 52m):~~

~~a) trebuie să obţină în prealabil aprobarea operatorului de aerodrom; solicitarea va fi transmisă pe adresele safety@aerotim.ro și dispatch@aerotim.ro cu minim 60 zile înaintea zborului;~~
~~b) în cazul unei situaţii de urgenţă declarate, pot utiliza LRTR fără aprobare prealabilă.~~

~~**1.3.3** Restricţii privind rutele standard de rulare pentru aeronavele cu literă de cod superioară:~~

~~a) Se va ateriza doar pe direcţia 29, cu excepţia cazului în care vântul nu permite a se proceda astfel;~~
~~b) Se va decola doar pe direcţia 11, cu excepţia cazului în care vântul nu permite a se proceda astfel;~~
~~c) Dimensiunile platformei de întoarcere la sfâşitul pistei 11 sunt: 100m x 27m, iar rezistenţa pavajului este 45/R/D/W/T;~~
~~d) Este interzisă degajarea pistei pe TWY C;~~
~~e) Aeronavele cu anvergură mai mare de 52m, pentru degajarea pistei sau accesul la pistă, vor folosi TWY B (recomandat);~~
~~f) Parcarea aeronavelor cu literă de cod superioară se va face la stand-ul 08 în conformitate cu semnalele marshaler-ului.~~

~~**1.3.4** Taxiing of aircraft with a higher letter code on the apron surface is allowed only with Follow-Me accompanying the taxiing aircraft, the pilot must follow its signals exactly and be in permanent radio contact with TWR Timisoara throughout the taxi maneuvers.~~

~~**1.3.5** Follow-me cars are identifiable by a functioning lighting signals ramp (Follow Me) and orange omni-directional light/flashing light.~~

~~**1.3.6** On the aprons aircraft are permitted to taxi only at the indispensable minimum engine thrust.~~

~~**1.3.7** Wing-walkers will be positioned taxiing TWY M on the apron along the aircraft parked to the south and north.~~

~~**1.3.8** At departure aircraft may leave nose-in positions only by the aid of towing cars.~~

~~**1.3.4** Rularea aeronavelor cu literă de cod superioară pe suprafața platformei este permisă doar cu însoţirea Follow-Me a aeronavei în rulaj, pilotul trebuie să urmeze întocmai semnalele acestuia și să fie în legătură radio permanentă cu TWR Timişoara pe toată perioada manevrelor de rulare.~~

~~**1.3.5** Vehiculele Follow-Me sunt identificabile prin rampele luminoase de semnalizare (Follow-Me) şi girofar de culoare orange.~~

~~**1.3.6** Rularea aeronavelor cu literă de cod superioară pe platformă este permisă numai la un regim de turaţie al motoarelor care să permită deplasarea aeronavei.~~

~~**1.3.7** Se vor poziționa wing-walkeri la rulajul pe TWY M pe platformă pe lângă aeronavele parcate pe sud și pe nord.~~

~~**1.3.8** Ieșirea aeronavelor din poziţiile de staţionare nose-in se face numai cu echipamente de tractare/împingere.~~

2. Standard Taxi Routes / Rutele Standard de Rulare

2.1 Arrival information

Arrival on	Instruction given by ATC				Taxiway to be followed	Remarks:
		Standard Taxi Route				
RWY 11	Taxi via standard taxi route	ARR 1A	To Apron	Stand number 01…14	TWY C, TWY L, TWY M	wing span ≤ 36m
		ARR 1B			Taxi to the end of RWY, turn 180º, TWY C, TWY L, TWY M	wing span ≤ 36m
		ARR 1C			Taxi to the end of RWY, turn 180º, TWY B, TWY M	wing span ≤ 52m
		ARR 1D			Taxi to the end of RWY, turn 180º, TWY A, TWY M	wing span ≤ 52m
RWY 29	Taxi via standard taxi route	ARR 2A	To Apron	Stand number 01…14	TWY C, TWY L, TWY M	wing span ≤ 36m
		ARR 2B			TWY B, TWY M	wing span ≤ 52m
		ARR 2C			TWY A, TWY M	wing span ≤ 52m

LRCD AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRCD AD 2.22 FLIGHT PROCEDURES

- NIL -

LRCD AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRCD AD 2.24 CHARTS RELATED TO THE AERODROME

LRCD AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRPW AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRPW AD 2.24 CHARTS RELATED TO THE AERODROME

LRPW AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRTZ AD 2.24 CHARTS RELATED TO THE AERODROME

LRTZ AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

NIL

LRSP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	*TRUE BRG*	*Dimensions of RWY (M)*	*Strength (PCN) and surface of RWY and SWY*	*THR coordinates RWY end coordinates THR geoid undulation*	*THR elevation and highest elevation of TDZ of precision APP RWY*
1	2	3	4	5	6
30	300.81°	600 x 18	5700 Kg Grass	454311.15N 0253812.94E - GUND 126 FT	THR 1713 FT
12	120.81°	600 x 18	5700 Kg Grass	454320.90N 0253749.58E - GUND 126 FT	THR 1713 FT

Slope of RWY-SWY	*SWY dimensions (M)*	*CWY dimensions (M)*	*Strip dimensions (M)*	*OFZ*	*Remarks*
7	8	9	10	11	12
2%	NIL	50 x 100	640 x 60	NIL	NIL
2%	NIL	50 x 100	640 x 60	NIL	NIL

LRSP AD 2.13 DECLARED DISTANCES

RWY designator	*TORA (M)*	*TODA (M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	2	3	4	5	6
30	600	620	600	600	Nil
12	600	620	600	600	Nil

LRSP AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	*APCH LGT type LEN INTST*	*THR LGT colour WBAR*	*VASIS (MEHT) PAPI*	*TDZ, LGT LEN*	*RWY Centre Line LGT Length, spacing, colour, INTST*	*RWY edge LGT LEN, spacing, colour, INTST*	*RWY End LGT colour WBAR*	*SWY LGT LEN (M) colour*	*Remarks*
1	2	3	4	5	6	7	8	9	10
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRSP AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lighting*	NIL
4	*Secondary power supply/switch-over time*	NIL
5	*Remarks*	NIL

LRSP AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO* *Geoid undulation*	NIL
2	*TLOF and/or FATO elevation M/FT*	NIL
3	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4	*True and MAG BRG of FATO*	NIL
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRSP AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	C
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	Aerodrome located within BRAŞOV CTR (see AD 2.29-9).

LRSP AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Frequency*	*Hours of operation*	*Remarks*
1	2	3	4	5
NIL	NIL	NIL	NIL	NIL

LRSP AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS/MLS (For VOR/ILS/ MLS, give VAR)	*ID*	*Frequency*	*Hours of operation*	*Site of transmitting antenna coordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	2	3	4	5	6	7
NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRSP AD 2.20 LOCAL AERODROME REGULATIONS

After landing, the aircraft will run to the parking area using TWY A and stop in the vecinity of the APRON indicator. After stopping the engines, the aircraft will be positioned by pushing behind the start engine zone, marked by white/red line.
On departure from the parking area the aircraft will run to the runway using the TWY A delimited by the yellow markers.

După aterizare, aeronava va rula spre zona de parcare folosind TWY A şi va opri în dreptul indicatorului APRON. După oprirea motoarelor, aeronava va fi poziţionată prin împingere în spatele liniei de avioane (zona de pornire a motoarelor), marcată cu alb şi roşu.
La plecare din zona de parcare, aeronava va rula la pistă folosind TWY A delimitată de balizajul galben.

LRSP AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRSP AD 2.22 FLIGHT PROCEDURES

- NIL -

LRSP AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRSP AD 2.24 CHARTS RELATED TO THE AERODROME

LRSP AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRPT AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRPT - PITEŞTI / Geamăna

LRPT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	444903N 0245352E, runway centre
2	*Direction and distance from city*	4,5 km South from Piteşti
3	*Elevation/Reference temperature/Mean low temperature*	1011 FT / 23.6ºC / -
4	*Geoid undulation at AD ELEV PSN*	120 FT
5	*MAG VAR/Annual rate of change*	6ºE (2023) / 6.6'E
6	*AD Operator, address, telephone, telefax, e-mail, AFS, website*	Administration contact: Aeroclubul "Henri Coandă" - Piteşti, Comuna Bradu, Loc. Geamăna, Jud. Argeş Tel.: 0726.678.543 E-mail: pitesti@ar.ro Website: https://aeroclubulromaniei.ro/page/aerodrom-pitesti AFS: - SITA: -
7	*Types of traffic permitted (IFR/VFR)*	VFR
8	*Remarks*	NIL

LRPT AD 2.3 OPERATIONAL HOURS

1	*AD Operator*	W: MON-FRI 0715-1300 S: WED-SUN 0615-1400
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*	NIL
9	*Handling*	NIL
10	*Security*	NIL
11	*De-icing*	NIL
12	*Remarks*	NIL

LRPT AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	NIL
2	*Fuel/Oil types*	NIL
3	*Fuelling facilities/capacity*	NIL
4	*De-icing facilities*	NIL
5	*Hangar space for visiting aircraft*	897M^2, max. height 8 M after prior consultation with AD Operator
6	*Repair facilities for visiting aircraft*	PZL 104 Wilga, Glider, ZLIN 142, PS 28 CRUISER
7	*Remarks*	OPC (Operational Control) on 135.210

LRPT AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in Piteşti
2	*Restaurants*	Restaurants in Piteşti
3	*Transportation*	"Rent-a-car" service on request from Piteşti, Bus Piteşti - Geamăna, taxis from Piteşti
4	*Medical facilities*	Hospital in Piteşti
5	*Bank and Post Office*	In Geamăna and Piteşti
6	*Tourist Office*	Tourist Info-Center in Piteşti
7	*Remarks*	NIL

LRPT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	Within AD HR: CAT 2
2	*Rescue equipment*	One car, rescue equipment
3	*Capability for removal of disabled aircraft*	Tractor
4	*Remarks*	NIL

LRPT AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	*Types of clearing equipment*	Snow blower.
2	*Clearance priorities*	Snow blowing equipment is not used on grass surface.
3	*Remarks*	NIL

LRPT AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*		APRON			
		Surface:	Grass + concrete			
		Strength:	5700 kg			
2	*Taxiway designation, width, surface and strength*		TWY A	TWY B	TWY C	~~TWY D~~
		Width:	13M	13M	15M	~~13M~~
		Surface:	Grass	Grass	Grass	~~Grass~~
		Strength:	5700 kg	5700 kg	5700 kg	~~5700 kg~~
3	*ACL location and elevation*	NIL				
4	*VOR checkpoints*	NIL				
5	*INS checkpoints*	NIL				
6	*Remarks*	NIL				

LRPT 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*	Signals on holding points Taxi guides on TWY and RWY
2	*RWY and TWY markings and LGT*	RWY: - markings: (white) designation, THR, edge marked white - lights: NIL TWY: - markings: (yellow), orange-white cones - lights: NIL
3	*Stop bars and runway guard lights*	NIL
4	*Other runway protection measure*	NIL
5	*Remarks*	WDI, 80M north of RWY Signal area 12.6 x 12.6 M

LRPT AD 2.10 AERODROME OBSTACLES

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

LRPT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	*Associated MET Office*	NIL
2	*Hours of service* *MET Office outside hours*	- -
3	*Office responsible for TAF preparation* *Periods of validity* *Interval of issuance*	NIL - -
4	*Type of landing forecast* *Interval of issuance*	NIL 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

LRPT AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
05	053.02°	560 x 40	5700 Kg Grass	444857.61N 0245342.21E 444908.52N 0245402.57E GUND 120 FT	THR 1011 FT	-0.09%
23	233.02°	560 x 40	5700 Kg Grass	444908.52N 0245402.57E 444857.61N 0245342.21E GUND 120 FT	THR 1010 FT	0.09%

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	NIL	620 x 60	30 x 60	NIL	NIL	Starter extension for RWY 05 of the length 40 m
NIL	NIL	620 x 60	30 x 60	NIL	NIL	

LRPT AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
05	600	600	600	560	THR 05 displaced 40 m
23	560	560	560	560	NIL

LRPT AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRPT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lighting*	NIL
4	*Secondary power supply/switch-over time*	NIL
5	*Remarks*	NIL

LRPT AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO* *Geoid undulation*	NIL
2	*TLOF and/or FATO elevation M/FT*	NIL
3	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4	*True and MAG BRG of FATO*	NIL
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRPT AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	NIL

LRPT AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Channel/ Frequency*	*SATVOICE*	*Logon address*	*Hours of operation*	*Remarks*
1	2	3	4	5	6	7
NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRPT AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS/MLS (For VOR/ILS/ MLS, give VAR)	*ID*	*Frequency*	*Hours of operation*	*Site of transmitting antenna coordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	2	3	4	5	6	7
NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRPT AD 2.20 LOCAL AERODROME REGULATIONS

1. No airplanes in circuits when gliders are operating.
2. After landing, the aircraft will leave the runway on TWY A or TWY B. When leaving the TWY A or TWY B, aircraft will taxi on TWY C to the parking positions.
3.Aircraft parking:
Parking positions on APRON 1, 2, 3: nose-in parking position, for code letter „A” (maximum 11.5 m wingspan).

4. In situations of transiting the aerodrome area, aircraft operators will enter the aerodrome radio frequency indicated at LRPT AD 2.4 (line 7) in order to coordinate with other aircraft, in order to avoid collision with aircraft in the aerodrome area.
5. Operators are responsible for verifying information related to the operating schedule and operational availability of the aerodrome.
6. Reporting of movements on the aerodrome by private operators is done on the Pitești aerodrome website at: https://aeroclubulromaniei.ro/page/aerodrom-pitesti.

1. Fără aeronave în tur de pistă când operează planorul.
2. După aterizare, aeronava va părăsi pista pe TWY A sau TWY B. La ieșirea de pe TWY A sau TWY B, aeronava va rula pe TWY C până la pozițiile de parcare.
3.Parcarea aeronavelor:
Pozițiile de parcare de la APRON 1, 2 ,3: poziție de parcare nose in pentru aeronave cu litera de cod „A” (maximum 11.5 m anvergura aripilor).
4. În situații de tranzitare a zonei de aerodrom, operatorii de aeronave vor intra pe frecvența radio a aerodromului indicată la LRPT AD 2.4 (linia 7) în vederea coordonării cu celelalte aeronave, pentru a evita coliziunea cu aeronavele aflate în zona de aerodrom.
5. Operatorii sunt responsabili de verificarea informațiilor legate de programul de funcționare și disponibilitatea de operare a aerodromului.
6. Raportarea mișcărilor pe aerodrom, de către operatorii particulari se face pe site-ul aerodromului Pitești la adresa: https://aeroclubulromaniei.ro/page/aerodrom-pitesti.

LRPT AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRPT AD 2.22 FLIGHT PROCEDURES

- NIL -

LRPT AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRPT AD 2.24 CHARTS RELATED TO THE AERODROME

LRPT AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

AERODROME CHART - ICAO

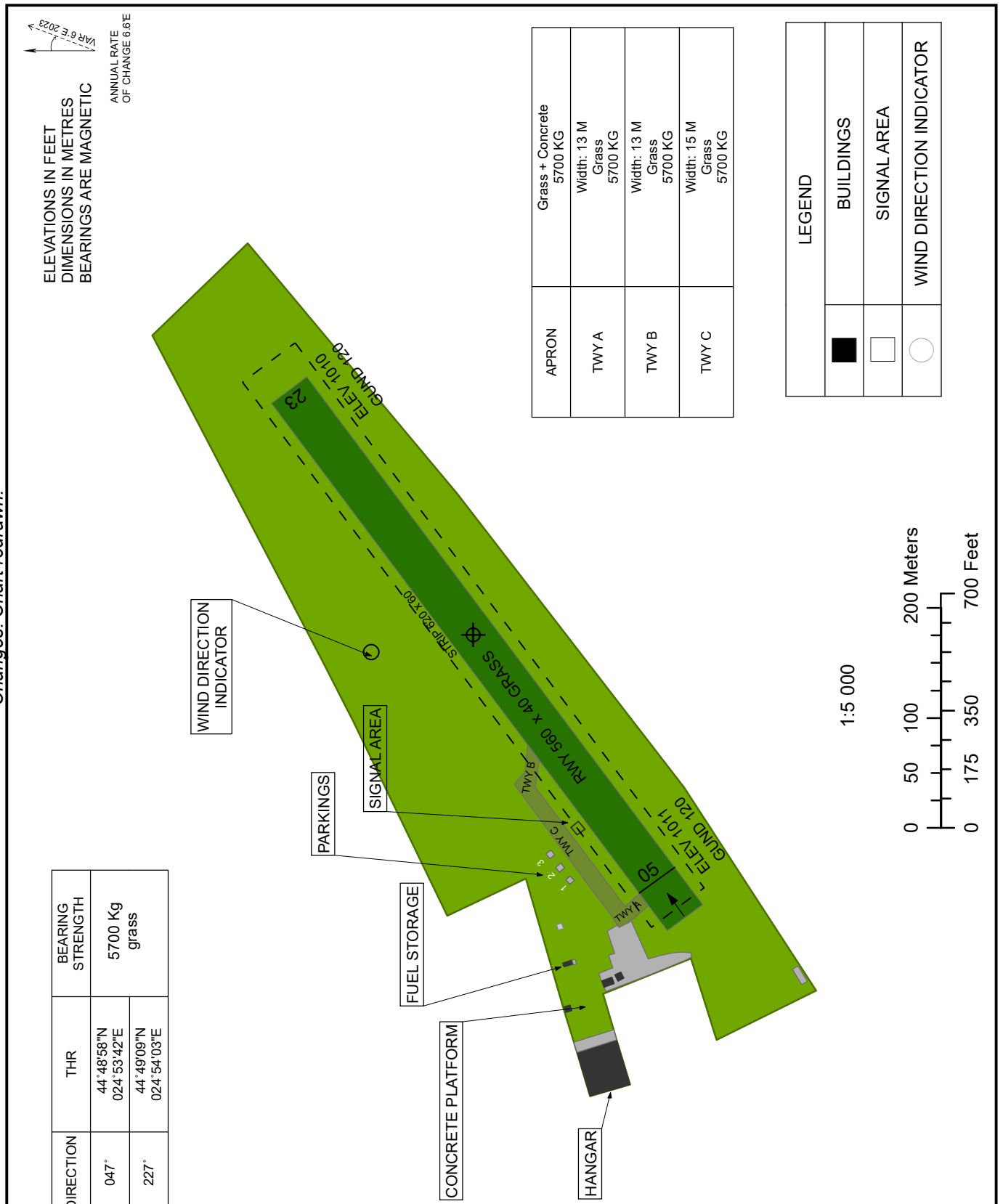
44° 49' 03" N
024° 53' 52" E

ELEV 1011FT

OPC 135.210

**PITEȘTI/
Geamăna (LRPT)**

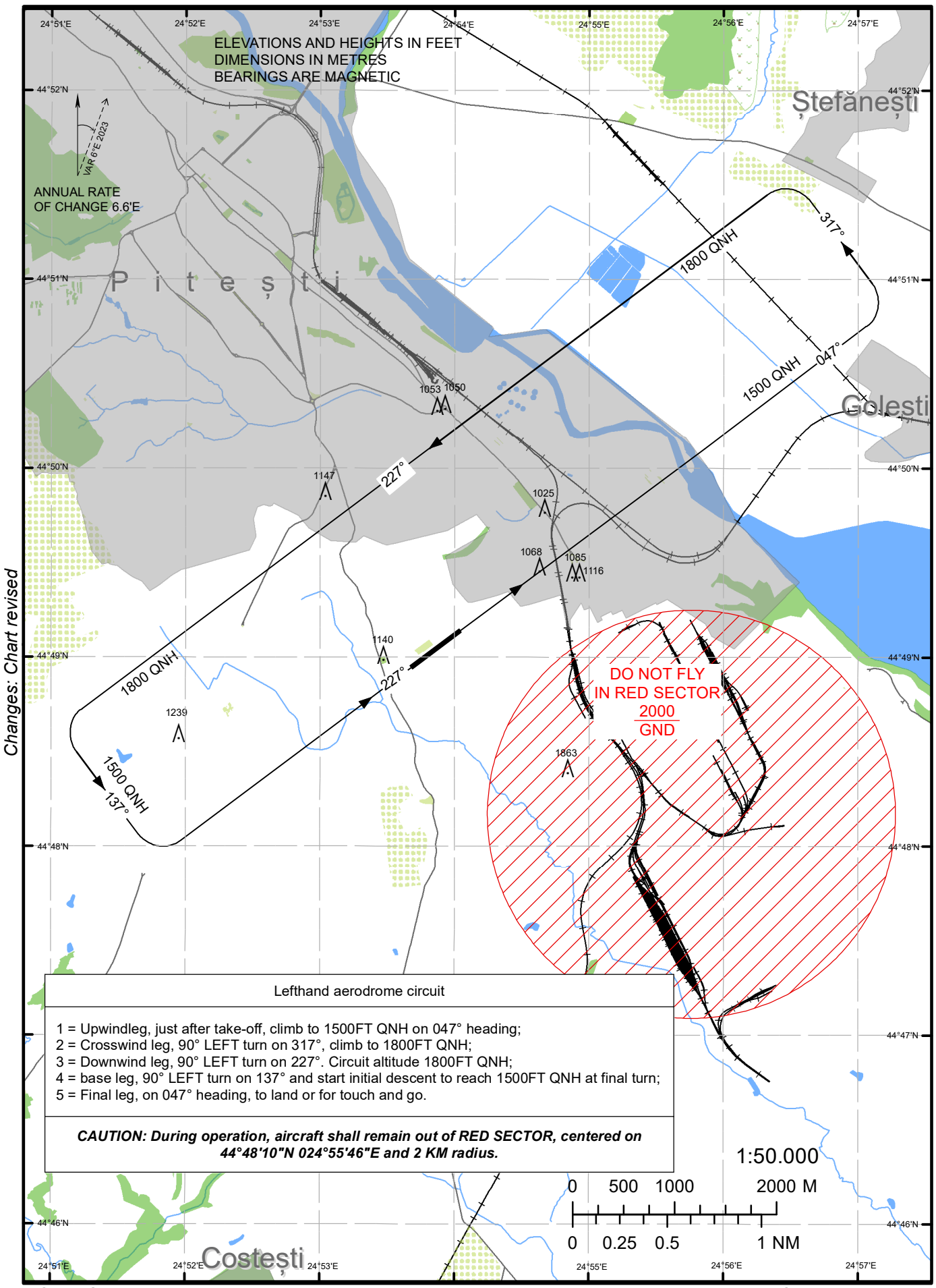
Changes: Chart redrawn.



VISUAL OPERATIONS CHART AD ELEV **1011 FT** **PITEȘTI / Geamăna (LRPT)**

RWY 05
Powered airraft aerodrome traffic circuit

OPC 135.210



Changes: Chart revised

Lefthand aerodrome circuit

1 = Upwindleg, just after take-off, climb to 1500FT QNH on 047° heading;
2 = Crosswind leg, 90° LEFT turn on 317°, climb to 1800FT QNH;
3 = Downwind leg, 90° LEFT turn on 227°. Circuit altitude 1800FT QNH;
4 = base leg, 90° LEFT turn on 137° and start initial descent to reach 1500FT QNH at final turn;
5 = Final leg, on 047° heading, to land or for touch and go.

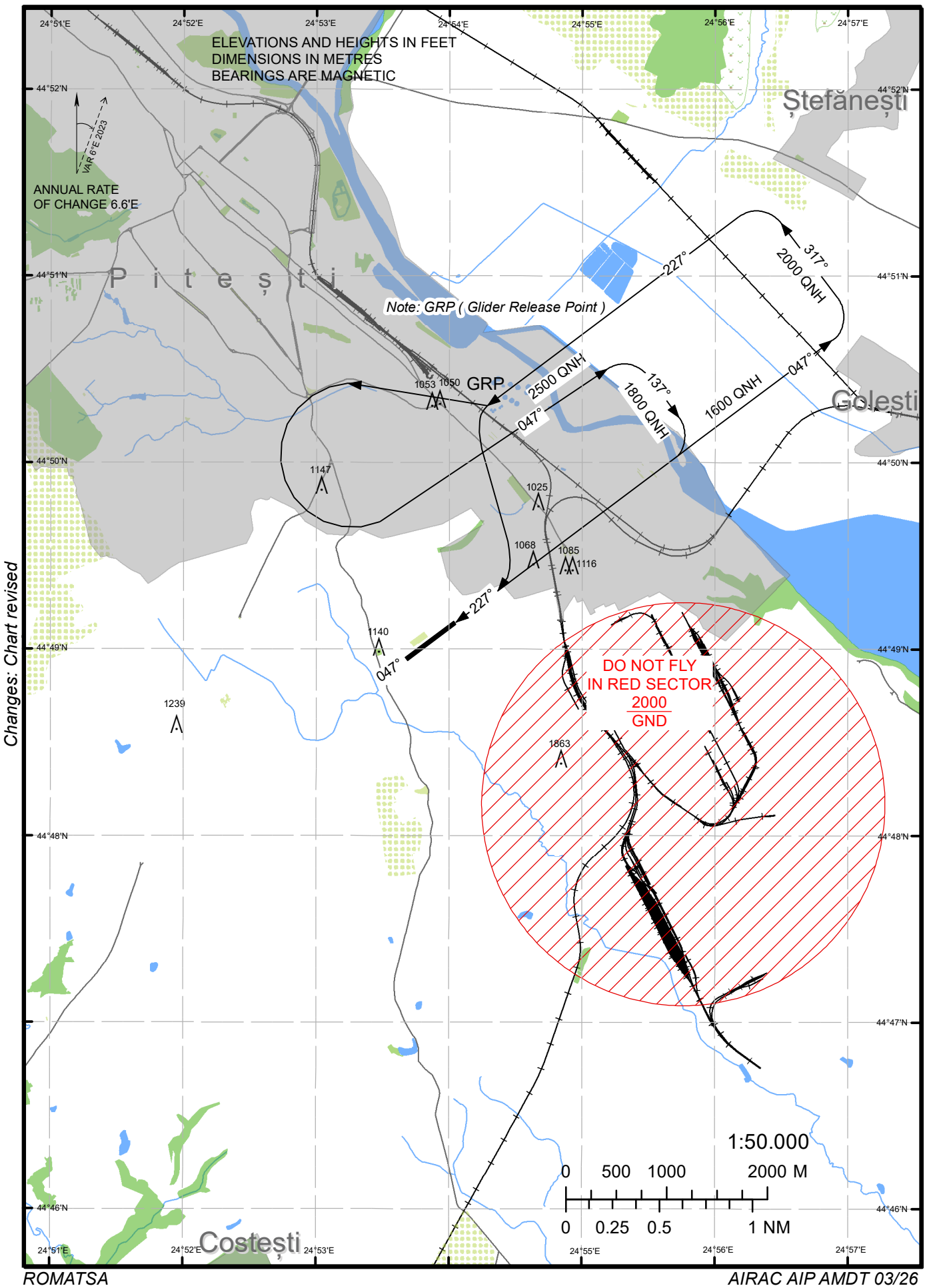
CAUTION: During operation, aircraft shall remain out of RED SECTOR, centered on 44°48'10"N 024°55'46"E and 2 KM radius.

1:50.000
0 500 1000 2000 M
0 0.25 0.5 1 NM

VISUAL OPERATIONS CHART AD ELEV **1011 FT** **PITEȘTI / Geamăna (LRPT)**

RWY 23
Glider aerodrome traffic circuit

OPC 135.210



Changes: Chart revised

LRDV AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
12	123.99°	700 x 40	5700 Kg Grass	455205.35N 0225744.52E 455152.67N 0225811.43E GUND 141FT	THR 618FT
30	303.99°	700 x 40	5700 Kg Grass	455152.67N 0225811.43E 455205.35N 0225744.52E GUND 141FT	THR 620FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
Nil	Nil	Nil	760 x 60	NIL	NIL
Nil	Nil	Nil	760 x 60	NIL	NIL

LRDV AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
12	700	700	700	700	NIL
30	700	700	700	700	NIL

LRDV AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRDV AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	NIL
2	LDI location and LGT Anemometer location and LGT	NIL
3	TWY edge and centre line lighting	NIL
4	Secondary power supply/switch-over time	NIL
5	Remarks	NIL

LRDV AD 2.16 HELICOPTER LANDING AREA

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

LRDV AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	NIL

LRDV AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Frequency*	*Hours of operation*	*Remarks*
1	2	3	4	5
NIL	NIL	NIL	NIL	NIL

LRDV AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS/MLS (For VOR/ILS/ MLS, give VAR)	*ID*	*Frequency*	*Hours of operation*	*Site of transmitting antenna coordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	2	3	4	5	6	7
NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRDV AD 2.20 LOCAL AERODROME REGULATIONS

- NIL -

LRDV AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRDV AD 2.22 FLIGHT PROCEDURES

- NIL -

LRDV AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRDV AD 2.24 CHARTS RELATED TO THE AERODROME

LRDV AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRCB AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
18	188.08°	790x40	5700 Kg Grass	461631.15N 0213624.98E	360 FT
36	008.07°	790x40	5700 Kg Grass	461605.82N 0213619.78E	362 FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0,15%	NIL	NIL	850 x 60	NIL	NIL
-0,15%	NIL	NIL	850 x 60	NIL	NIL

LRCB AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
18	790	790	790	790	NIL
36	790	790	790	790	NIL

LRCB AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN(M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
NIL									

LRCB AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lighting*	NIL
4	*Secondary power supply/switch-over time*	NIL
5	*Remarks*	NIL

LRCB AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO* *Geoid undulation*	NIL
2	*TLOF and/or FATO elevation M/FT*	NIL
3	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4	*True and MAG BRG of FATO*	NIL
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRCB AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	NIL

LRCB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Frequency*	*Hours of operation*	*Remarks*
1	2	3	4	5
NIL				

LRCB AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS give declination)	*ID*	*Frequency*	*Hours of operation*	*Site of transmitting antenna coordinates*	*Elevation of DME transmitting antenna (FT)*	*Remarks*
1	2	3	4	5	6	7
NIL						

LRCB AD 2.20 LOCAL AERODROME REGULATIONS

- NIL -

LRCB AD 2.21 NOISE ABATEMENT PROCEDURES

See AD 1.1-3

LRCB AD 2.22 FLIGHT PROCEDURES

- NIL -

LRCB AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRCB AD 2.24 CHARTS RELATED TO THE AERODROME

LRCB AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRBN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	*TRUE BRG*	*Dimensions of RWY (M)*	*Strength (PCN) and surface of RWY and SWY*	*THR coord RWY end coord THR geoid undulation*	*THR elevation and highest elevation of TDZ of precision APP RWY*	*Slope of RWY-SWY*
1	2	3	4	5	6	7
05	058.13°	790x20	5700 kg Grass	470923.72N 0243250.93E 470937.22N 0243322.79E GUND 99 FT	1303 FT	0% (400M) 1.40% (390M)
23	238.13°	790x20	5700 kg Grass	470937.22N 0243322.79E 470923.72N 0243250.93E GUND 99 FT	1322 FT	-1.40% (390M) 0% (400M)

SWY dimensions (M)	*CWY dimensions (M)*	*Strip dimensions (M)*	RESA dimensions *(M)*	Location and description of ARST system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	NIL	850 x 60	NIL	NIL	NIL	NIL
NIL	NIL	850 x 60	NIL	NIL	NIL	NIL

LRBN AD 2.13 DECLARED DISTANCES

RWY designator	*TORA (M)*	*TODA (M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	2	3	4	5	6
05	790	790	790	790	NIL
23	790	790	790	790	NIL

LRBN AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	*APCH LGT type LEN INTST*	*THR LGT colour WBAR*	*VASIS (MEHT) PAPI*	*TDZ, LGT LEN*	*RWY Centre Line LGT Length, spacing, colour, INTST*	*RWY edge LGT LEN, spacing, colour, INTST*	*RWY End LGT colour WBAR*	*SWY LGT LEN(M) colour*	*Remarks*
1	2	3	4	5	6	7	8	9	10
NIL									

LRBN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lighting*	NIL
4	*Secondary power supply/switch-over time*	NIL
5	*Remarks*	NIL

LRBN AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO* *Geoid undulation*	NIL
2	*TLOF and/or FATO elevation M/FT*	NIL
3	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4	*True and MAG BRG of FATO*	NIL
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRBN AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	NIL

LRBN AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Frequency*	*Hours of operation*	*Remarks*
1	2	3	4	5
NIL				

LRBN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS give declination)	*ID*	*Frequency*	*Hours of operation*	*Site of transmitting antenna coordinates*	*Elevation of DME transmitting antenna (FT)*	*Remarks*
1	2	3	4	5	6	7
NIL						

LRBN AD 2.20 LOCAL AERODROME REGULATIONS

AD without TWY. Direct access from APRON to RWY via grass strip.

LRBN AD 2.21 NOISE ABATEMENT PROCEDURES

See AD 1.1-3

LRBN AD 2.22 FLIGHT PROCEDURES

- NIL -

LRBN AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRBN AD 2.24 CHARTS RELATED TO THE AERODROME

LRBN AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRBA AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
04	043.61°	400 x 18	5700 kg Grass	441324.84N 0260710.38E 441334.22N 0260722.81E GUND 104 FT	THR 253 FT	0.1% (200M) -0.1% (200M)
22	223.61°	400 x 18	5700 kg Grass	441334.22N 0260722.81E 441324.84N 0260710.38E GUND 104 FT	THR 253FT	0.1% (200M) -0.1% (200M)

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	NIL	460 x 40	NIL	NIL	NIL	NIL
NIL	NIL	460 x 40	NIL	NIL	NIL	NIL

LRBA AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
04	400	400	400	400	NIL
22	400	400	400	400	NIL

LRBA AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
NIL									

LRBA AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lights*	NIL
4	*Secondary power supply/switch-over time*	NIL
5	*Remarks*	NIL

LRBA AD 2.16 HELICOPTER LANDING AREA

1	*Co-ordinates TLOF or THR of FATO*	NIL
2	*TLOF and/or FATO elevation M/FT*	NIL
3	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4	*True BRG of FATO*	NIL
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRBA AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	NIL

LRBA AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Channel/ Frequency*	*SATVOICE*	*Logon address*	*Hours of operation*	*Remarks*
1	2	3	4	5	6	7
NIL						

LRBA AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS give declination)	*ID*	*Frequency*	*Hours of operation*	*Position of transmitting antenna coordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	2	3	4	5	6	7
NIL						

LRBA AD 2.20 LOCAL AERODROME REGULATIONS

After landing the aircraft will run to the parking area located after the safety zone using any part of the runway and the safety zone in the vicinity of the wind direction indicator where on the alignment of the yellow line will stop the engines. After stopping the aircraft engines will maneuver on the ground by pushing and towing.
On departure from the parking area the aircraft will be positioned without motors front-aligned on the runway on the alignment of the yellow marking. The running to the runway will be done using the safety zones.

După aterizare, aeronava va rula spre zona de parcare situată după zona de siguranță, folosind orice parte a pistei și zona de siguranță în vecinătatea indicatorului direcției vântului unde pe aliniamentul liniei galbene va opri motoarele. După oprirea motoarelor aeronava va fi poziţionată pe teren prin împingere și remorcare.
La plecarea din zona de parcare, aeronava va fi poziționată fără motoare cu fata spre pista, pe aliniamentul marcajului galben. Rularea la pista se va face folosind zonele de siguranță.

LRBA AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRBA AD 2.22 FLIGHT PROCEDURES

- NIL -

LRBA AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRBA AD 2.24 CHARTS RELATED TO THE AERODROME

LRBA AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRCN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS give declination)	*ID*	*Frequency*	*Hours of operation*	*Position of transmitting antenna coordinates*	*Elevation of DME transmitting antenna*	*Remarks*
1	2	3	4	5	6	7
NIL						

LRCN AD 2.20 LOCAL AERODROME REGULATIONS

No more than 2 skydiver airplanes in the air.
The separation between drops must be minimum 3 minutes.
No more than 3 airplanes in circuits when gliders are operating.

Nu mai mult de două aeronave de paraşutişti în aer.
Separarea între lansări este de minim 3 minute.
Nu mai mult de 3 avioane în tur de pistă când operează planorul.

LRCN AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

LRCN AD 2.22 FLIGHT PROCEDURES

NIL

LRCN AD 2.23 ADDITIONAL INFORMATION

NIL

LRCN AD 2.24 CHARTS RELATED TO THE AERODROME

LRCN AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

NIL

LRCJ AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	C
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	Aerodrome located within CLUJ-NAPOCA CTR (see AD 2.7-9).

LRCJ AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Channel(s)*	*SATVOICE*	*Logon address*	*Hours of operation*	*Remarks*
1	2	3	4	5	6	7
NIL						

LRCJ AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	*ID*	*Frequency/ Channel*	*Hours of operation*	*Position of transmitting antenna coordinates*	*ELEV of DME transmitting antenna/ ELEV of GBAS reference point*	*Service volume radius from the GBAS reference point*	*Remarks*
1	2	3	4	5	6	7	8
NIL							

LRCJ AD 2.20 LOCAL AERODROME REGULATIONS

The aerodrome is authorized for take-off runway 26 and landing runway 08. Go around can only be performed on direction 08.
After landing, the aircraft will continue to run to the APRON area using TWY A and stop abeam of the holding position marking. After stopping the engines, the aircraft will be positioned by pushing in the area of the aircraft line / engine starting area, marked with a red and yellow line. When leaving the parking area for take-off, the aircraft will taxi to the holding position that is before taxiway A marked with yellow markings. It is forbidden to enter on the taxiway for any aircraft if another aircraft is taxiing after landing, in a circuit pattern on the base leg or on final for landing.

Dezmir aerodrome is located in CTR Cluj-Napoca, class C airspace, with horizontal and vertical limits described in AIP Romania, LRCL AD 2.17 ATS AIRSPACE.
For entry permission in the controlled airspace of CTR Cluj-Napoca, aircraft operating from Dezmir airfield shall submit a FPL and contact the Cluj Tower traffic unit from TWR Cluj (for communication channel see AD 2.7-9).

For entry permission inTMA NAPOC, class C airspace, with horizontal and vertical limits of the sectors described in AIP Romania, ENR 2. AIR TRAFFIC SERVICES AIRSPACE, it is necessary to submit a FPL and contact NAPOC Approach (for communication channel see AD 2.7-9).

VFR points and routes will be used for the purpose of planning VFR flights in the airspace of TMA NAPOC, as described in AIP Romania, ENR 3.3 Other routes and on the map ENR 6-70, NAPOC TMA VFR ROUTES.

Aerodromul este autorizat pentru decolare direcția 26 și aterizare pista 08. Ratarea aterizării poate fi executată doar pe direcția 08.
După aterizare aeronava va rula în continuarea pistei pe TWY A spre zona de APRON și se va opri în zona liniei de așteptare. După oprirea motoarelor, aeronava va fi poziționată prin împingere în zona liniei de avioane/zona de pornire a motoarelor, marcată cu linie roșie și galbenă. La plecarea din zona de parcare în vederea decolării, aeronava va rula până la linia de așteptare care se află înainte de calea de rulare A marcată cu balizaj galben. Se interzice intrarea pe calea de rulare pentru decolare a oricărei aronave dacă o altă aeronavă se află în rulaj după aterizare, în tur de pistă pe latura de bază sau pe finală în vederea aterizării.
Aerodromul Dezmir este situat în CTR Cluj-Napoca, spațiu aerian clasa C, cu limite orizontale și verticale descrise în AIP Romania, LRCL AD 2.17 ATS AIRSPACE.
Pentru permisiunea de intrare în spațiul aerian controlat al CTR Cluj-Napoca, aeronavele care operează de pe aerodromul Dezmir vor depune FPL și vor contacta unitatea de trafic Cluj Tower de la TWR Cluj (pentru canalul de comunicații vezi AD 2.7-9).
Pentru permisiunea de intrare în TMA NAPOC, spațiu aerian de clasă C, cu limitele orizontale și verticale ale sectoarelor descrise în AIP România, ENR 2. AIR TRAFFIC SERVICES AIRSPACE, este necesară depunerea unui FPL și contactarea NAPOC Approach (pentru canalul de comunicații vezi AD 2.7-9).
În scopul planificării zborurilor VFR în spațiul aerian al TMA NAPOC se vor utiliza punctele și rutele VFR, așa cum acestea sunt descrise în AIP Romania, ENR 3.3 Other routes și pe harta ENR 6-70, NAPOC TMA VFR ROUTES.

All flights are subject to ATC clearance except those evolving in restricted or segregated airspace areas.

It is forbidden to intersect the take-off / landing unway directions of Cluj Napoca International Airport (LRCL), located 1NM north of Dezmir airfield, without the prior authorization of the traffic unit from TWR Cluj. For flights in CTR Cluj-Napoca or TMA NAPOC it is mandatory to equip aircraft with SSR identification system and VHF air-ground communications in 8.33 kHz spacing.

Toate zborurile sunt subiect al autorizării ATC cu excepția celor care evoluează în zone de spațiu aerian restricționate sau segregate.
Este interzisă intersectarea direcțiilor de decolare/aterizare ale pistei Aeroportului Internațional Cluj Napoca (LRCL), situat la 1NM nord de aerodromul Dezmir, fără autorizarea prealabilă a unității de trafic de la TWR Cluj. Pentru zborurile în CTR Cluj-Napoca sau TMA NAPOC este obligatorie echiparea aeronavelor cu sistem de identificare SSR și comunicații aer-sol VHF în ecart 8.33 kHz.

LRCJ AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRCJ AD 2.22 FLIGHT PROCEDURES

- NIL -

LRCJ AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRCJ AD 2.24 CHARTS RELATED TO THE AERODROME

LRCJ AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRHR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	*ID*	*Frequency/ Channel*	*Hours of operation*	*Position of transmitting antenna coordinates*	*ELEV of DME transmitting antenna/ ELEV of GBAS reference point*	*Service volume radius from the GBAS reference point*	*Remarks*
1	2	3	4	5	6	7	8
NIL							

LRHR AD 2.20 LOCAL AERODROME REGULATIONS

NIL

LRHR AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

LRHR AD 2.22 FLIGHT PROCEDURES

NIL

LRHR AD 2.23 ADDITIONAL INFORMATION

NIL

LRHR AD 2.24 CHARTS RELATED TO THE AERODROME

LRHR AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

NIL

LRCW AD 2.23 ADDITIONAL INFORMATION

NIL

LRCW AD 2.24 CHARTS RELATED TO THE AERODROME

LRCW AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

NIL

LRIS AD 2.24 CHARTS RELATED TO THE AERODROME

LRIS AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRMS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
05	057.02°	795 x 40	5700 Kg Grass	463152.72N 0243129.86E 463206.74N 0243201.16E GUND 129FT	THR 1002 FT	0.14%
23	237.02°	795 x 40	5700 Kg Grass	463206.74N 0243201.16E 463152.72N 0243129.86E GUND 129FT	THR 1006 FT	-0.14%

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	NIL	855 x 60	30 x 60	NIL	NIL	NIL
NIL	NIL	855 x 60	30 x 60	NIL	NIL	NIL

LRMS AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
05	795	795	795	795	NIL
23	795	795	795	795	NIL

LRMS AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRMS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lighting*	NIL
4	*Secondary power supply/switch-over time*	NIL
5	*Remarks*	NIL

LRMS AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO*	NIL
2	*TLOF and/or FATO elevation M/FT*	NIL
3	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4	*True and MAG BRG of FATO*	NIL
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRMS AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	Aerodrome located within Târgu Mureș CTR (see LRTM AD 2.17 ATS AIRSPACE)

LRMS AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Channel/ Frequency*	*SATVOICE*	*Logon address*	*Hours of operation*	*Remarks*
1	2	3	4	5	6	7
NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRMS AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	*ID*	*Frequency / Channel*	*Hours of operation*	*Position of transmitting antenna coordinates*	*Elevation of DME transmitting antenna / ELEV of GBAS reference point*	*Service volume radius from the GBAS reference point*	*Remarks*
1	2	3	4	5	6	*7*	*8*
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRMS AD 2.20 LOCAL AERODROME REGULATIONS

Mureșeni aerodrome is located in Târgu Mureș CTR, class C airspace, with horizontal and vertical limits described in AIP Romania, LRTM AD 2.17 ATS AIRSPACE.
For entry permission in the controlled airspace of Târgu Mureș CTR, aircraft operating from Mureșeni airfield shall submit a FPL and contact the traffic unit from Târgu Mureș TWR (for communication channel see LRTM AD 2.18 ATS COMMUNICATION FACILITIES).

All flights are subject to ATC clearance except those evolving in restricted or segregated airspace areas.

It is forbidden to intersect the take-off / landing runway directions of TÂRGU MUREȘ/Transilvania-Târgu Mureș International Airport (LRTM), without the prior authorization of the traffic unit from Târgu Mureș TWR.
For flights in Târgu Mureș CTR it is mandatory to equip aircraft with SSR identification system and VHF airground communications in 8.33 kHz spacing.

Aerodromul Mureșeni este situat în CTR Târgu Mureș, spațiu aerian clasa C, cu limite orizontale și verticale descrise în AIP România, LRTM AD 2.17 ATS AIRSPACE.
Pentru permisiunea de intrare în spațiul aerian controlat al CTR Târgu Mureș, aeronavele care operează de pe aerodromul Mureșeni vor depune FPL și vor contacta unitatea de trafic de la TWR Târgu Mureș (pentru canalul de comunicații vezi LRTM AD 2.18 ATS COMMUNICATION FACILITIES).
Toate zborurile sunt subiect al autorizării ATC cu excepția celor care evoluează în zone de spațiu aerian restricționate sau segregate.
Este interzisă intersectarea direcțiilor de decolare/aterizare ale pistei Aeroportului Internațional TÂRGU MUREȘ/Transilvania-Târgu Mureș (LRTM), fără autorizarea prealabilă a unității de trafic de la TWR Târgu Mureș.
Pentru zborurile în CTR Târgu Mureș este obligatorie echiparea aeronavelor cu sistem de identificare SSR și comunicații aer-sol VHF în ecart 8.33 kHz.

LRMS AD 2.21 NOISE ABATEMENT PROCEDURES

-NIL-

LRMS AD 2.22 FLIGHT PROCEDURES

-NIL-

LRMS AD 2.23 ADDITIONAL INFORMATION

-NIL-

LRMS AD 2.24 CHARTS RELATED TO THE AERODROME

LRMS AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRCR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
17	177.57°	625 x 23	5700 Kg Grass	454101.14N 0254441.38E 454040.90N 0254442.61E GUND 124 FT	THR 1850 FT	1.46%
35	357.57°	625 x 23	5700 Kg Grass	454040.90N 0254442.61E 454101.14N 0254441.38E GUND 124 FT	THR 1880 FT	-1.46%

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	NIL	685 x 60	NIL	NIL	NIL	NIL
NIL	NIL	685 x 60	NIL	NIL	NIL	NIL

LRCR AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
17	625	625	625	625	NIL
35	625	625	625	625	NIL

LRCR AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRCR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lighting*	NIL
4	*Secondary power supply/switch-over time*	NIL
5	*Remarks*	NIL

LRCR AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO*	NIL
2	*TLOF and/or FATO elevation M/FT*	NIL
3	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4	*True and MAG BRG of FATO*	NIL
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRCR AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	Aerodrome located within Brașov CTR (see LRBV AD 2.17 ATS AIRSPACE)

LRCR AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Channel/ Frequency*	*SATVOICE*	*Logon address*	*Hours of operation*	*Remarks*
1	2	3	4	5	6	7
NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRCR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	*ID*	*Frequency / Channel*	*Hours of operation*	*Position of transmitting antenna coordinates*	*Elevation of DME transmitting antenna / ELEV of GBAS reference point*	*Service volume radius from the GBAS reference point*	*Remarks*
1	2	3	4	5	6	*7*	*8*
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRCR AD 2.20 LOCAL AERODROME REGULATIONS

AD without TWY. Direct access from APRON to RWY via grass strip.

AD fără TWY. Acces direct de la APRON către RWY folosind banda înierbată a pistei.

LRCR AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRCR AD 2.22 FLIGHT PROCEDURES

- NIL -

LRCR AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRCR AD 2.24 CHARTS RELATED TO THE AERODROME

LRCR AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

- NIL -

LRZN AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRZN – PIATRA NEAMȚ / Zănești-Neamț

LRZN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	465037N 0263331E, RWY center
2	*Direction and distance from city*	20km South from Piatra Neamț
3	*Elevation/Reference temperature/mean low temperature*	952FT / 29.2°C / -14.6°C
4	*Geoid undulation at AD ELEV PSN*	113 FT
5	*MAG VAR/ Annual rate of change*	7° E (2021) / 7' E
6	*AD Operator, address, telephone, telefax, telex, AFS*	Transtar SRL București, Sectorul 1, șoseaua București-Ploiești, Nr.172-176, Clădirea A, Corp A2, Camera 17, etaj 2 Tel: +40-(0)737-504759 e-mail: contact@aerodromzanesti.ro
7	*Types of traffic permitted (IFR/VFR)*	VFR
8	*Remarks*	NIL

LRZN AD 2.3 OPERATIONAL HOURS

1	*AD Operator*	HX
2	*Customs and immigration*	NIL
3	*Health and sanitation*	NIL
4	*AIS Briefing Office*	HX
5	*ATS Reporting Office (ARO)*	NIL
6	*MET Briefing Office*	NIL
7	*ATS*	NIL
8	*Fuelling*	NIL
9	*Handling*	NIL
10	*Security*	H24 / Surveillance Cameras and Alert System
11	*De-icing*	NIL
12	*Remarks*	Services available only on request submitted to the AD with 24 hours in advance

LRZN AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	NIL
2	*Fuel/Oil types*	NIL
3	*Fuelling facilities/capacity*	NIL
4	*De-icing facilities*	NIL
5	*Hangar space for visiting aircraft*	5 Hangars
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	Parking space in hangars only on request submitted to the AD with 24 hours in advance. OPC (Operational Control) on 131.765

LRZN AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in Piatra Neamț
2	*Restaurants*	Restaurants in Piatra Neamț
3	*Transportation*	Taxi service on request
4	*Medical facilities*	First aid and hospitals in Piatra Neamț
5	*Bank and Post Office*	ATM/Bank and Post Office in Piatra Neamț
6	*Tourist Office*	NIL
7	*Remarks*	NIL

LRZN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	CAT 1 on request
2	*Rescue equipment*	NIL
3	*Capability for removal of disabled aircraft*	NIL
4	*Remarks*	1 truck with 1000 l water and 150 l foam concentrate

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

1	*Types of clearing equipment*	NIL
2	*Clearance priorities*	NIL
3	*Use of material for movement area surface treatment*	NIL
4	*Specially prepared winter runways*	NIL
5	*Remarks*	NIL

LRZN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*	APRON Surface: Concrete Strength: 5700kg
2	*Taxiway designation, width, surface and strength*	TWY A Width: 20 M Surface: Grass Strength: 5700 kg
3	*ACL location and elevation*	NIL
4	*VOR checkpoints*	NIL
5	*INS checkpoints*	NIL
6	*Remarks*	NIL

LRZN 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: 01, 02, 03. TWY guide lines: NIL. Visual docking guidance systems at aircraft stands: NIL. Visual parking guidance system at aircraft stands: aircraft stand markings.
2	*RWY and TWY markings and LGT*	RWY: - markings: designation, THR, white edge markers - lights: THR, edge, END TWY: - markings: yellow edge markers - lights: edge
3	*Stop bars and runway guard lights*	NIL
4	*Other RWY protection measure*	Mandatory instruction signs on TWY A
5	*Remarks*	NIL

LRZN 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
NIL	NIL	NIL	NIL	NIL	NIL

In Area 3

OBST ID/ Designation	*OBST type*	*OBST position*	*ELEV/HGT*	*Markings/ Type, colour*	*Remarks*
a	b	c	d	e	f
NIL	NIL	NIL	NIL	NIL	NIL

LRZN 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* *Interval of issuance*	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

LRZN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
14	150.50°	900 x 20	5700kg Grass	465050.17N 0263320.54E 465024.80N 0263341.46E GUND 113 FT	THR 952 FT	- 0.42%
32	330.50°	900 x 20	5700kg Grass	465024.79N 0263341.45E 465050.16N 0263320.53E GUND 113 FT	THR 940 FT	0.42%

SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system	OFZ	Remarks
8	9	10	11	12	13	14
NIL	NIL	960 x 60	30 x 60	NIL	NIL	NIL
NIL	NIL	960 x 60	30 x 60	NIL	NIL	NIL

LRZN AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
14	900	900	900	900	NIL
32	900	900	900	900	NIL

LRZN AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
14	NIL	Green NIL	APAPI Left/3° (8 FT)	NIL	NIL	900M, 50M White, LIL	Red -	NIL	LED lights are exclusively used
32	NIL	Green NIL	APAPI Left/3° (8 FT)	NIL	NIL	900M, 50M White, LIL	Red -	NIL	LED lights are exclusively used

LRZN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	LDI: NIL Anemometer: NIL
3	*TWY edge and centre line lighting*	Edge: TWY A Center line: NIL
4	*Secondary power supply/switch-over time*	Secondary power supply to all lighting at AD. Switch-over time: 15 SEC
5	*Remarks*	NIL

LRZN AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO*	NIL
2	*TLOF and/or FATO elevation M/FT*	NIL
3	*TLOF and FATO area dimensions, surface, strength, marking*	NIL
4	*True and MAG BRG of FATO*	NIL
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRZN AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	NIL
2	*Vertical limits*	NIL
3	*Airspace classification*	NIL
4	*ATS unit call sign* *Language(s)*	NIL
5	*Transition altitude*	NIL
6	*Hours of applicability*	NIL
7	*Remarks*	NIL

LRZN AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	*Call sign*	*Channel/ Frequency*	*SATVOICE*	*Logon address*	*Hours of operation*	*Remarks*
1	2	3	4	5	6	7
NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRZN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	*ID*	*Frequency / Channel*	*Hours of operation*	*Position of transmitting antenna coordinates*	*Elevation of DME transmitting antenna / ELEV of GBAS reference point*	*Service volume radius from the GBAS reference point*	*Remarks*
1	2	3	4	5	6	*7*	*8*
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

LRZN AD 2.20 LOCAL AERODROME REGULATIONS

After landing, the aircraft will taxi to the APRON using TWY A and will park on one of the marked parking positions. Upon departure from the parking area, the aircraft will be repositioned by pushing, facing HOLDING POINT TWY A. After starting the engine, the aircraft will taxi to the runway using TWY A.

No more than 3 airplanes in circuits.

După aterizare, aeronava va rula spre APRON folosind TWY A și va parca pe una din pozițiile de parcare marcate. La plecare, aeronava va fi repoziționată prin împingere, cu fața către HOLDING POINT TWY A. După pornirea motorului, aeronava va rula la pista folosind TWY A.

Nu mai mult de 3 avioane în tur de pistă.

LRZN AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRZN AD 2.22 FLIGHT PROCEDURES

- NIL -

LRZN AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRZN AD 2.24 CHARTS RELATED TO THE AERODROME

LRZN AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

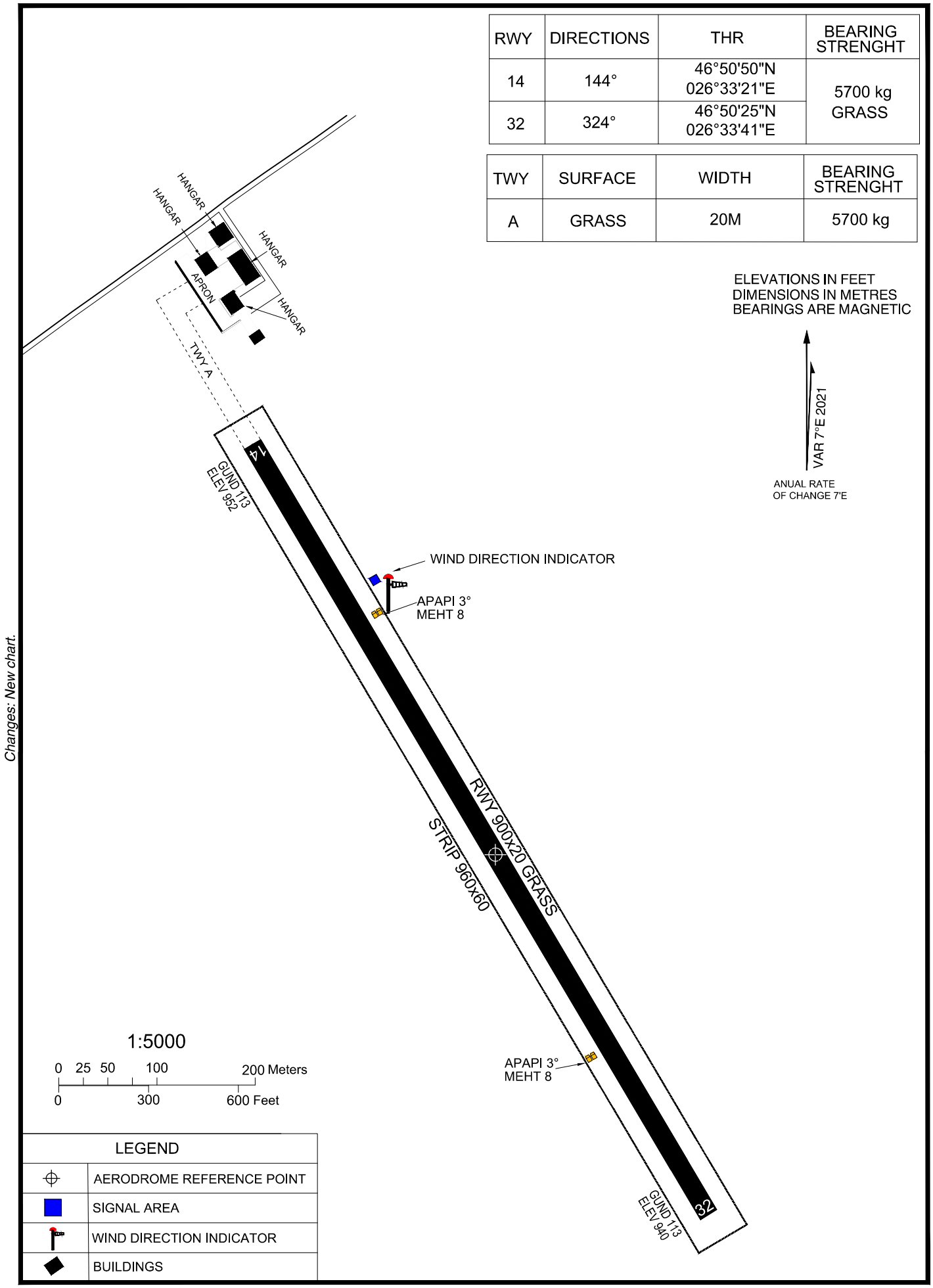
- NIL -

AERODROME CHART - ICAO 46° 50' 37" N 026° 33' 31" E **ELEV 952FT** OPC 131.765

PIATRA NEAMȚ / Zănești - Neamț (LRZN)

RWY	DIRECTIONS	THR	BEARING STRENGHT
14	144°	46°50'50"N 026°33'21"E	5700 kg GRASS
32	324°	46°50'25"N 026°33'41"E	

TWY	SURFACE	WIDTH	BEARING STRENGHT
A	GRASS	20M	5700 kg



Changes: New chart.

VISUAL OPERATIONS CHART

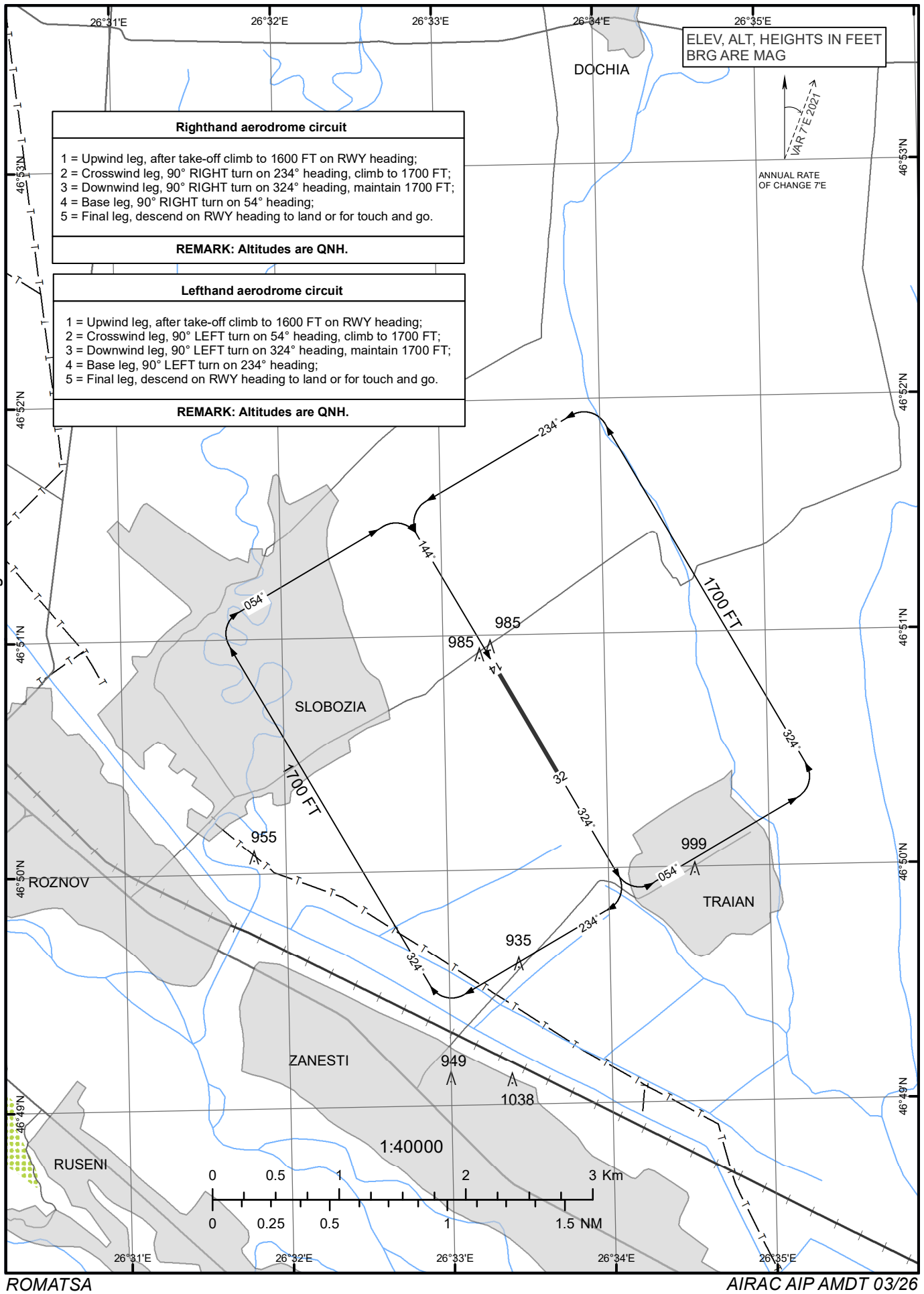
AD ELEV 952 FT

OPC 131.765

PIATRA NEAMT / Zanesti - Neamț (LRZN)

RWY 14/32

Aerodrome Traffic Circuit



Changes: New chart.