romatsa
romanian air traffic services administration
Headquarters
10. Ion Ionescu de la Brad Blvd., PO Box 18-90
013813 Bucharest, Romania
phone: (+4021) 208 31 00
fax: (+4021) 230 24 42
AFTN: LRBBRTYD
e-mail:romatsa.office@romatsa.ro
www.romatsa.ro

Aeronautical Information Management Unit
Tel: +40.21.232.56.99; Fax: +40.21.208.99.16; AFS: LRBBYOYX
Web: www.aisro.ro; E-mail: ais@aisro.ro; ais@romatsa.ro

Publication Date: **09 FEB 2023**

Effective Date: **23 MAR 2023**

AIRAC AIP AMDT
03
23 MAR 2023

AIRAC AIP AMENDMENT 03/23

I. **Content**

GEN - record of AIP Supplements updated;
- list of the hand amendments to the AIP updated.

II.

Insert the following new pages and/or charts:		**Destroy the following pages and/or charts:**	
GEN 0.3-1	23 MAR 2023	GEN 0.3-1	23 FEB 2023
GEN 0.4-1	23 MAR 2023	GEN 0.4-1	23 FEB 2023
GEN 0.4-2	23 MAR 2023	GEN 0.4-2	23 FEB 2023
GEN 0.4-3	23 MAR 2023	GEN 0.4-3	23 FEB 2023
GEN 0.4-4	23 MAR 2023	GEN 0.4-4	23 FEB 2023
GEN 0.4-5	23 MAR 2023	GEN 0.4-5	23 FEB 2023
GEN 0.4-6	23 MAR 2023	GEN 0.4-6	23 FEB 2023
GEN 0.4-7	23 MAR 2023	GEN 0.4-7	23 FEB 2023
GEN 0.5-1	23 MAR 2023	GEN 0.5-1	26 JAN 2023
GEN 0.5-2	23 MAR 2023	----------	
GEN 0.5-3	23 MAR 2023	----------	
GEN 2.1-1	23 MAR 2023	GEN 2.1-1	15 NOV 2004
GEN 2.1-2	23 MAR 2023	GEN 2.1-2	01 JAN 2023
GEN 4.1-4	23 MAR 2023	GEN 4.1-4	03 DEC 2020
GEN 4.1-15	23 MAR 2023	GEN 4.1-15	04 FEB 2016
GEN 4.1-15a	23 MAR 2023	----------	
AD 2.1-1	23 MAR 2023	AD 2.1-1	01 JAN 2022
AD 2.12-1	23 MAR 2023	AD 2.12-1	23 FEB 2023
AD 2.13-1	23 MAR 2023	AD 2.13-1	16 JUL 2020
AD 2.13-2	23 MAR 2023	AD 2.13-2	30 DEC 2021
AD 2.14-1	23 MAR 2023	AD 2.14-1	19 MAY 2022
AD 2.15-1	23 MAR 2023	AD 2.15-1	16 JUN 2022
AD 2.16-1	23 MAR 2023	AD 2.16-1	23 FEB 2023
AD 2.16-2	23 MAR 2023	AD 2.16-2	23 FEB 2023
AD 2.16-7	23 MAR 2023	AD 2.16-7	01 DEC 2022
AD 2.16-9	23 MAR 2023	AD 2.16-9	23 FEB 2023

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

AD 2.17-1	23 MAR 2023

Destroy the following pages and/or charts:

AD 2.17-1	24 MAR 2022

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

IV. **Hand amendments:**

See GEN 0.5 / 23 MAR 2023.

V. **Information contained in the following NOTAM is incorporated in AIRAC AIP AMDT 03/23:**

A4949/22, A4951/22, A4952/22, A4958/22, A4959/22, A5080/22, A5081/22, A5082/22, A5083/22, A5084/22, A5092/22, A0373/23, A0374/23, A0376/23.

END

GEN 0.3 RECORD OF AIP SUPPLEMENTS

No/Year	*Subject*	*AIP section(s) affected*	*Period of validity*	*Cancellation record*
1	**2**	**3**	**4**	**5**
AIRAC 02/18	BUCUREŞTI/Henri Coandă Airport SID/STAR suspended.	AD 2.5	**from:** 16 AUG 2018 **to:** announced by NOTAM or SUP	
~~AIRAC 04/22~~	~~CLUJ NAPOCA / Avram Iancu Work in progress for taxiway construction - Stage II~~	~~AD 2.7~~	~~**from:** 01 DEC 2022~~ ~~**to:** 22 MAR 2023~~	~~AIRAC AIP SUP 02/23~~
AIRAC 01/23	SATU MARE / Satu Mare Local Aerodrome Regulations	AD 2.20	**from:** 23 FEB 2023 **to:** announced by NOTAM or SUP	
AIRAC 02/23	CLUJ NAPOCA / Avram Iancu Work in progress for taxiway construction - Stage II	AD 2.7	**from:** 23 MAR 2023 **to:** announced by NOTAM or SUP	
AIRAC 03/23	TULCEA / Delta Dunării Work in progress for taxiway construction and apron - Stage II	AD 2.17	**from:** 23 MAR 2023 **to:** announced by NOTAM or SUP	
01/23	BAIA MARE / Maramureş Rescue and fire fighting services	AD 2.3	**from:** 23 MAR 2023 **to:** announced by NOTAM or SUP	

GEN 0.4 CHECKLIST OF AIP PAGES

Page	Date
PART 1-GENERAL(GEN)	
GEN 0	
GEN 0.1-1	15 JUL 2022
GEN 0.1-2	15 JUL 2022
GEN 0.1-3	15 JUL 2022
GEN 0.2-1	29 JAN 1998
GEN 0.2-2	29 JAN 1998
GEN 0.2-3	10 JUN 2004
GEN 0.2-4	02 AUG 2007
GEN 0.2-5	02 AUG 2007
GEN 0.2-6	25 MAR 2012
GEN 0.2-7	25 MAR 2012
GEN 0.2-8	10 NOV 2016
GEN 0.2-9	10 NOV 2016
GEN 0.2-10	20 MAY 2021
GEN 0.2-11	20 MAY 2021
GEN 0.3-1	23 MAR 2023
GEN 0.4-1	23 MAR 2023
GEN 0.4-2	23 MAR 2023
GEN 0.4-3	23 MAR 2023
GEN 0.4-4	23 MAR 2023
GEN 0.4-5	23 MAR 2023
GEN 0.4-6	23 MAR 2023
GEN 0.4-7	23 MAR 2023
GEN 0.5-1	23 MAR 2023
GEN 0.5-2	23 MAR 2023
GEN 0.5-3	23 MAR 2023
GEN 0.6-1	15 JUL 2022
GEN 0.6-2	15 JUL 2022
GEN 1	
GEN 1.1-1	24 FEB 2022
GEN 1.2-1	24 MAR 2022
GEN 1.2-2	24 MAR 2022
GEN 1.2-3	24 MAR 2022
GEN 1.2-4	24 MAR 2022
GEN 1.2-5	24 MAR 2022
GEN 1.2-6	01 DEC 2022
GEN 1.2-7	01 DEC 2022
GEN 1.2-8	01 DEC 2022
GEN 1.2-9	01 DEC 2022
GEN 1.2-10	24 MAR 2022
GEN 1.2-11	24 MAR 2022
GEN 1.2-12	24 MAR 2022
GEN 1.2-13	24 MAR 2022
GEN 1.2-14	24 MAR 2022
GEN 1.2-15	24 MAR 2022
GEN 1.3-1	23 JAN 2003
GEN 1.3-2	23 JAN 2003
GEN 1.4-1	29 JAN 1998
GEN 1.5-1	22 MAY 2021
GEN 1.5-2	22 MAY 2021
GEN 1.5-3	22 MAY 2021
GEN 1.6-1	01 JAN 2023
GEN 1.6-2	21 APR 2022
GEN 1.6-3	01 JAN 2023
GEN 1.6-4	21 APR 2022
GEN 1.6-5	21 APR 2022
GEN 1.6-6	01 JAN 2023
GEN 1.6-7	01 JAN 2023
GEN 1.6-8	01 JAN 2023
GEN 1.6-9	21 APR 2022
GEN 1.6-10	21 APR 2022
GEN 1.6-11	21 APR 2022
GEN 1.6-12	01 JAN 2023
GEN 1.6-13	21 APR 2022
GEN 1.6-14	21 APR 2022
GEN 1.6-15	01 JAN 2023
GEN 1.6-16	01 JAN 2023
GEN 1.6-17	01 JAN 2023
GEN 1.6-18	01 JAN 2023
GEN 1.6-19	01 JAN 2023
GEN 1.6-20	01 JAN 2023
GEN 1.6-21	01 JAN 2023
GEN 1.6-22	21 APR 2022
GEN 1.6-23	21 APR 2022
GEN 1.6-24	21 APR 2022
GEN 1.6-25	21 APR 2022
GEN 1.6-26	21 APR 2022
GEN 1.6-27	21 APR 2022
GEN 1.6-28	01 JAN 2023
GEN 1.6-29	01 JAN 2023
GEN 1.6-30	01 JAN 2023
GEN 1.6-31	21 APR 2022
GEN 1.6-32	01 JAN 2023
GEN 1.6-33	21 APR 2022
GEN 1.6-34	21 APR 2022
GEN 1.7-1	01 JAN 2023
GEN 1.7-2	01 JAN 2023
GEN 1.7-3	01 JAN 2023
GEN 1.7-4	21 APR 2022
GEN 1.7-5	01 JAN 2023
GEN 1.7-6	21 APR 2022
GEN 1.7-7	21 APR 2022
GEN 1.7-8	01 JAN 2023
GEN 1.7-9	21 APR 2022
GEN 1.7-10	21 APR 2022
GEN 1.7-11	01 JAN 2023
GEN 1.7-12	01 JAN 2023
GEN 1.7-13	01 JAN 2023
GEN 1.7-14	01 JAN 2023
GEN 1.7-15	01 JAN 2023
GEN 1.7-16	01 JAN 2023
GEN 1.7-17	01 JAN 2023
GEN 1.7-18	01 JAN 2023
GEN 1.7-19	01 JAN 2023
GEN 2	
GEN 2.1-1	23 MAR 2023
GEN 2.1-2	23 MAR 2023
GEN 2.2-1	30 MAR 2017
GEN 2.2-2	02 JUL 2010
GEN 2.2-3	02 JUL 2010
GEN 2.2-4	02 JUL 2010
GEN 2.2-5	02 JUL 2010
GEN 2.2-6	10 SEP 2020
GEN 2.2-7	10 SEP 2020
GEN 2.2-8	10 JUN 2004
GEN 2.2-9	10 SEP 2020
GEN 2.2-10	15 DEC 2019
GEN 2.2-11	30 APR 2015
GEN 2.2-12	02 JUL 2010
GEN 2.2-13	02 JUL 2010
GEN 2.2-14	28 MAR 2019
GEN 2.2-15	30 MAR 2017
GEN 2.2-16	02 JUL 2010
GEN 2.2-17	20 JUN 2019
GEN 2.2-18	02 JUL 2010
GEN 2.2-19	15 AUG 2019
GEN 2.2-20	02 JUL 2010
GEN 2.2-21	28 JAN 2021
GEN 2.2-22	02 JUL 2010
GEN 2.2-23	02 DEC 2021
GEN 2.2-24	15 JUL 2022
GEN 2.2-25	10 JUN 2004
GEN 2.2-26	02 JUL 2010
GEN 2.2-27	30 MAR 2017
GEN 2.3-1	19 JUL 2018
GEN 2.3-2	07 MAY 2009
GEN 2.3-3	26 MAR 2020
GEN 2.3-4	06 APR 2012
GEN 2.3-5	18 NOV 2010
GEN 2.4-1	11 AUG 2022
GEN 2.4-2	11 AUG 2022
GEN 2.5-1	28 MAR 2019
GEN 2.5-2	28 MAR 2019
GEN 2.6-1	29 JAN 1998
GEN 2.6-2	29 JAN 1998
GEN 2.7-1	11 AUG 2022
GEN 2.7-2	11 AUG 2022
GEN 2.7-3	11 AUG 2022
GEN 2.7-4	11 AUG 2022
GEN 2.7-5	11 AUG 2022
GEN 2.7-6	11 AUG 2022
GEN 2.7-7	11 AUG 2022
GEN 2.7-8	11 AUG 2022
GEN 2.7-9	11 AUG 2022
GEN 2.7-10	11 AUG 2022
GEN 2.7-11	11 AUG 2022
GEN 2.7-12	11 AUG 2022
GEN 2.7-13	11 AUG 2022
GEN 2.7-14	11 AUG 2022
GEN 2.7-15	11 AUG 2022
GEN 2.7-16	11 AUG 2022
GEN 2.7-17	11 AUG 2022
GEN 2.7-18	11 AUG 2022
GEN 3	
GEN 3.1-1	15 JUL 2022
GEN 3.1-2	15 JUL 2022

Page	Date
GEN 3.1-3	01 DEC 2022
GEN 3.1-4	15 JUL 2022
GEN 3.1-5	15 JUL 2022
GEN 3.1-6	15 JUL 2022
GEN 3.2-1	08 OCT 2020
GEN 3.2-2	08 OCT 2020
GEN 3.2-3	08 OCT 2020
GEN 3.2-4	25 MAR 2021
GEN 3.2-5	24 MAR 2022
GEN 3.2-6	11 AUG 2022
GEN 3.2-7	08 SEP 2022
GEN 3.2-8	15 JUL 2021
GEN 3.2-9	09 NOV 2017
GEN 3.2-10	24 FEB 2022
GEN 3.3-1	20 JUL 2017
GEN 3.3-2	15 SEP 2016
GEN 3.3-3	21 MAY 2020
GEN 3.4-1	10 SEP 2020
GEN 3.4-2	25 MAR 2021
GEN 3.4-3	25 MAR 2021
GEN 3.4-4	25 MAR 2021
GEN 3.4-5	10 SEP 2020
GEN 3.5-1	03 NOV 2022
GEN 3.5-2	10 SEP 2020
GEN 3.5-3	25 MAR 2021
GEN 3.5-4	01 MAR 2018
GEN 3.5-5	16 JUN 2022
GEN 3.5-6	22 APR 2021
GEN 3.6-1	17 SEP 2015
GEN 3.6-2	17 SEP 2015
GEN 3.6-3	17 SEP 2015
GEN 3.6-4	17 SEP 2015
GEN 4	
GEN 4.1-1	07 FEB 2013
GEN 4.1-2	06 APR 2012
GEN 4.1-3	03 DEC 2020
GEN 4.1-4	23 MAR 2023
GEN 4.1-5	16 JUN 2022
GEN 4.1-5a	30 DEC 2021
GEN 4.1-6	29 DEC 2022
GEN 4.1-6a	01 DEC 2022
GEN 4.1-7	08 SEP 2022
GEN 4.1-7a	25 MAR 2012
GEN 4.1-8	16 JUN 2022
GEN 4.1-8a	16 JUN 2022
GEN 4.1-8b	01 JAN 2023
GEN 4.1-9	16 JUN 2022
GEN 4.1-9a	16 JUN 2022
GEN 4.1-10	01 JAN 2017
GEN 4.1-11	01 JAN 2023
GEN 4.1-11a	21 APR 2022
GEN 4.1-11b	22 MAY 2021
GEN 4.1-12	08 OCT 2020
GEN 4.1-13	10 NOV 2016
GEN 4.1-14	16 JUN 2022
GEN 4.1-15	23 MAR 2023
GEN 4.1-15a	23 MAR 2023
GEN 4.1-16	05 DEC 2019
GEN 4.1-17	16 JUN 2022
GEN 4.1-17a	16 JUN 2022
GEN 4.1-18	16 JUL 2020
GEN 4.1-19	02 APR 2015
GEN 4.1-20	15 JUL 2021
GEN 4.2-1	01 JAN 2023
GEN 4.2-2	23 APR 2020
GEN 4.2-3	16 JUN 2022
GEN 4.2-4	10 SEP 2020
GEN 4.2-5	01 JAN 2015
GEN 4.2-6	01 JAN 2015
GEN 4.2-7	23 APR 2020
GEN 4.2-8	01 JAN 2015
GEN 4.2-9	01 JAN 2023
GEN 4.2-10	16 JUN 2022
GEN 4.2-11	10 SEP 2020
PART 2-EN-ROUTE(ENR)	
ENR 0	
ENR 0.6-1	29 JAN 1998
ENR 0.6-2	15 JUL 2021
ENR 1	
ENR 1.1-1	30 DEC 2021
ENR 1.1-2	30 DEC 2021
ENR 1.1-3	30 DEC 2021
ENR 1.2-1	20 MAY 2021
ENR 1.2-2	17 AUG 2017
ENR 1.2-3	24 MAY 2018
ENR 1.3-1	17 AUG 2017
ENR 1.3-2	23 FEB 2023
ENR 1.3-3	24 FEB 2022
ENR 1.3-4	24 FEB 2022
ENR 1.3-5	24 FEB 2022
ENR 1.3-6	15 JUL 2021
ENR 1.4-1	17 AUG 2017
ENR 1.4-2	24 MAY 2018
ENR 1.5-1	20 DEC 2007
ENR 1.5-2	10 NOV 2016
ENR 1.6-1	13 SEP 2018
ENR 1.6-2	22 SEP 2011
ENR 1.7-1	17 AUG 2017
ENR 1.7-2	17 AUG 2017
ENR 1.8-1	24 MAY 2018
ENR 1.8-2	15 NOV 1998
ENR 1.8-3	15 NOV 1998
ENR 1.8-4	15 FEB 2001
ENR 1.8-5	18 SEP 2014
ENR 1.9-1	28 APR 2016
ENR 1.9-2	28 APR 2016
ENR 1.9-3	28 APR 2016
ENR 1.9-4	28 APR 2016
ENR 1.9-5	15 AUG 2019
ENR 1.10-1	30 DEC 2021
ENR 1.10-2	01 DEC 2022
ENR 1.10-3	01 DEC 2022
ENR 1.10-4	30 DEC 2021
ENR 1.10-5	24 FEB 2022
ENR 1.10-6	30 DEC 2021
ENR 1.10-7	30 DEC 2021
ENR 1.10-8	30 DEC 2021
ENR 1.11-1	30 DEC 2021
ENR 1.12-1	17 AUG 2017
ENR 1.12-2	17 AUG 2017
ENR 1.12-3	17 AUG 2017
ENR 1.13-1	17 AUG 2017
ENR 1.14-1	28 MAR 2019
ENR 2	
ENR 2.1-1	28 FEB 2019
ENR 2.1-2	15 JUL 2021
ENR 2.1-3	28 FEB 2019
ENR 2.1-4	28 FEB 2019
ENR 2.1-5	24 FEB 2022
ENR 2.1-6	28 FEB 2019
ENR 2.1-7	28 FEB 2019
ENR 2.1-8	28 FEB 2019
ENR 2.2-1	15 AUG 1999
ENR 2.2-2	26 MAR 1999
ENR 2.2-3	23 FEB 2023
ENR 3	
ENR 3.1-1	11 MAR 2010
ENR 3.2-1	11 MAR 2010
ENR 3.3-1	15 JUL 2021
ENR 3.3-2	26 MAY 2016
ENR 3.3-3	15 JUL 2021
ENR 3.3-4	15 JUL 2021
ENR 3.3-5	15 JUL 2021
ENR 3.3-6	15 JUL 2021
ENR 3.3-7	15 JUL 2021
ENR 3.3-8	15 JUL 2021
ENR 3.3-9	15 JUL 2021
ENR 3.3-10	24 FEB 2022
ENR 3.3-11	15 JUL 2021
ENR 3.3-12	15 JUL 2021
ENR 3.3-13	15 JUL 2021
ENR 3.3-14	15 JUL 2021
ENR 3.3-15	15 JUL 2021
ENR 3.3-16	15 JUL 2021
ENR 3.3-17	15 JUL 2021
ENR 3.3-18	24 FEB 2022
ENR 3.3-19	15 JUL 2021
ENR 3.3-20	15 JUL 2021
ENR 3.3-21	15 JUL 2021
ENR 3.3-22	15 JUL 2021
ENR 3.4-1	07 FEB 2013
ENR 3.5-1	15 JUL 2021
ENR 3.5-2	15 JUL 2021
ENR 3.6-1	07 FEB 2013
ENR 4	
ENR 4.1-1	13 AUG 2020
ENR 4.1-2	05 DEC 2019
ENR 4.2-1	29 JAN 1998
ENR 4.3-1	28 AUG 2008
ENR 4.4-1	21 APR 2022
ENR 4.4-2	21 APR 2022
ENR 4.4-3	24 FEB 2022
ENR 4.4-4	21 APR 2022
ENR 4.4-5	24 FEB 2022
ENR 4.4-6	24 FEB 2022
ENR 4.4-7	24 FEB 2022
ENR 4.4-8	21 APR 2022
ENR 4.4-9	21 APR 2022
ENR 4.4-10	24 FEB 2022
ENR 4.5-1	23 OCT 2008

Page	Date
ENR 5	
ENR 5.1-1	29 JAN 1998
ENR 5.1-2	30 DEC 2021
ENR 5.1-3	11 DEC 2014
ENR 5.1-4	17 JUN 2021
ENR 5.1-5	17 JUN 2021
ENR 5.1-6	15 JUL 2021
ENR 5.1-7	15 JUL 2021
ENR 5.1-8	15 JUL 2021
ENR 5.1-9	15 JUL 2021
ENR 5.1-10	15 JUL 2021
ENR 5.1-11	15 JUL 2021
ENR 5.2-1	12 NOV 2015
ENR 5.2-2	23 MAY 2019
ENR 5.2-3	26 MAY 2016
ENR 5.2-4	12 NOV 2015
ENR 5.2-5	07 NOV 2019
ENR 5.2-6	10 NOV 2016
ENR 5.2-7	10 NOV 2016
ENR 5.2-8	12 NOV 2015
ENR 5.3-1	02 JUL 2010
ENR 5.4-1	18 JUL 2019
ENR 5.4-2	01 MAY 2014
ENR 5.4-3	01 MAY 2014
ENR 5.4-4	01 MAY 2014
ENR 5.4-5	18 JUL 2019
ENR 5.5-1	02 JUL 2010
ENR 5.6-1	30 DEC 2021
ENR 6	
ENR 6-2	24 FEB 2022
ENR 6-10	10 DEC 2015
ENR 6-11	07 NOV 2019
ENR 6-20	15 JUL 2021
ENR 6-21	10 NOV 2016
ENR 6-40	28 FEB 2019
ENR 6-51	29 DEC 2022
ENR 6-54	25 APR 2019
ENR 6-60	10 NOV 2016
ENR 6-70	15 JUL 2021
ENR 6-100	21 APR 2022
ENR 6-101	23 FEB 2023
PART 3-AERODROMES(AD)	
AD 0	
AD 0.6-1	02 JUL 2010
AD 0.6-2	02 JUL 2010
AD 0.6-3	02 JUL 2010
AD 0.6-4	25 FEB 2021
AD 0.6-5	25 FEB 2021
AD 0.6-6	25 FEB 2021
AD 0.6-7	25 FEB 2021
AD 0.6-8	25 FEB 2021
AD 0.6-9	25 FEB 2021
AD 0.6-10	25 FEB 2021
AD 0.6-11	25 FEB 2021
AD 0.6-12	25 FEB 2021
AD 0.6-13	25 FEB 2021
AD 0.6-14	25 FEB 2021
AD 0.6-15	25 FEB 2021
AD 0.6-16	25 FEB 2021
AD 0.6-17	25 MAR 2021
AD 1	
AD 1.1-1	10 JUN 2004
AD 1.1-2	08 APR 2010
AD 1.1-3	08 NOV 2018
AD 1.2-1	01 MAR 2018
AD 1.2-2	24 FEB 2022
AD 1.2-3	01 MAR 2018
AD 1.3-1	03 NOV 2022
AD 1.3-2	25 MAR 2021
AD 1.3-3	15 JUL 2021
AD 1.4-1	29 JAN 1998
AD 1.5-1	01 DEC 2022
AD 1.5-2	01 DEC 2022
AD 2	
AD 2.1-1	23 MAR 2023
AD 2.1-2	29 DEC 2022
AD 2.1-3	24 FEB 2022
AD 2.1-4	30 DEC 2021
AD 2.1-5	30 DEC 2021
AD 2.1-6	30 DEC 2021
AD 2.1-7	30 DEC 2021
AD 2.1-8	30 DEC 2021
AD 2.1-9	30 DEC 2021
AD 2.1-10	30 DEC 2021
AD 2.1-11	30 DEC 2021
AD 2.1-12	13 AUG 2020
AD 2.1-13	13 AUG 2020
AD 2.1-14	13 AUG 2020
AD 2.1-15	13 AUG 2020
AD 2.1-16	13 AUG 2020
AD 2.1-17	13 AUG 2020
AD 2.1-18	08 SEP 2022
AD 2.1-20	31 DEC 2020
AD 2.1-20a	08 OCT 2020
AD 2.1-22	10 SEP 2020
AD 2.1-25	10 SEP 2020
AD 2.1-26	10 SEP 2020
AD 2.1-29	05 FEB 2015
AD 2.1-31	24 FEB 2022
AD 2.1-32	24 FEB 2022
AD 2.1-33	24 FEB 2022
AD 2.1-34	24 FEB 2022
AD 2.1-35	24 FEB 2022
AD 2.1-36	24 FEB 2022
AD 2.1-37	24 FEB 2022
AD 2.1-38	24 FEB 2022
AD 2.1-45	24 FEB 2022
AD 2.1-46	08 SEP 2022
AD 2.1-53	15 JUL 2021
AD 2.1-53a	18 JUL 2019
AD 2.1-54	15 JUL 2021
AD 2.1-54a	18 JUL 2019
AD 2.1-81	15 JUL 2021
AD 2.1-81a	18 JUL 2019
AD 2.1-83	15 JUL 2021
AD 2.1-83a	18 JUL 2019
AD 2.1-84	15 JUL 2021
AD 2.1-84a	18 JUL 2019
AD 2.2-1	19 MAY 2022
AD 2.2-2	29 DEC 2022
AD 2.2-3	21 APR 2022
AD 2.2-4	21 APR 2022
AD 2.2-5	21 APR 2022
AD 2.2-6	21 APR 2022
AD 2.2-7	21 APR 2022
AD 2.2-8	21 APR 2022
AD 2.2-9	29 DEC 2022
AD 2.2-10	19 MAY 2022
AD 2.2-11	29 DEC 2022
AD 2.2-12	19 MAY 2022
AD 2.2-20	17 JUN 2021
AD 2.2-20a	25 MAR 2021
AD 2.2-22	21 APR 2022
AD 2.2-25	25 FEB 2021
AD 2.2-26	25 FEB 2021
AD 2.2-36	06 DEC 2018
AD 2.2-37	25 APR 2019
AD 2.2-46	21 APR 2022
AD 2.2-51	06 DEC 2018
AD 2.2-51a	07 DEC 2017
AD 2.2-91	06 DEC 2018
AD 2.2-91a	07 DEC 2017
AD 2.2-93	06 DEC 2018
AD 2.2-93a	07 DEC 2017
AD 2.3-1	15 JUL 2022
AD 2.3-2	01 DEC 2022
AD 2.3-3	21 MAY 2020
AD 2.3-4	21 MAY 2020
AD 2.3-5	21 MAY 2020
AD 2.3-6	21 MAY 2020
AD 2.3-7	21 MAY 2020
AD 2.3-8	21 MAY 2020
AD 2.3-9	21 MAY 2020
AD 2.3-10	28 MAR 2019
AD 2.3-11	15 AUG 2019
AD 2.3-12	15 AUG 2019
AD 2.3-13	01 DEC 2022
AD 2.3-14	01 DEC 2022
AD 2.3-20	21 MAY 2020
AD 2.3-20a	28 MAR 2019
AD 2.3-22	28 MAR 2019
AD 2.3-25	21 JUN 2018
AD 2.3-28	18 JUL 2019
AD 2.3-46	01 DEC 2022
AD 2.3-51	15 JUL 2021
AD 2.3-51a	28 MAR 2019
AD 2.3-52	15 JUL 2021
AD 2.3-52a	28 MAR 2019
AD 2.3-61	15 JUL 2021
AD 2.3-61a	18 JUL 2019
AD 2.3-62	15 JUL 2021
AD 2.3-62a	18 JUL 2019
AD 2.3-91	15 JUL 2021
AD 2.3-91a	28 MAR 2019
AD 2.3-92	15 JUL 2021
AD 2.3-92a	28 MAR 2019
AD 2.3-93	15 JUL 2021
AD 2.3-93a	28 MAR 2019
AD 2.3-94	15 JUL 2021
AD 2.3-94a	28 MAR 2019

Page	Date	Page	Date	Page	Date
AD 2.4-1	06 OCT 2022	AD 2.5-14	29 DEC 2022	AD 2.7-8	15 JUL 2021
AD 2.4-2	21 APR 2022	AD 2.5-15	07 NOV 2019	AD 2.7-9	15 JUL 2021
AD 2.4-3	21 APR 2022	AD 2.5-16	23 APR 2020	AD 2.7-10	21 APR 2022
AD 2.4-4	21 APR 2022	AD 2.5-17	23 APR 2020	AD 2.7-11	21 APR 2022
AD 2.4-5	17 JUN 2021	AD 2.5-18	17 JUN 2021	AD 2.7-12	21 APR 2022
AD 2.4-6	17 JUN 2021	AD 2.5-19	08 NOV 2018	AD 2.7-13	21 APR 2022
AD 2.4-7	17 JUN 2021	AD 2.5-20	29 DEC 2022	AD 2.7-14	21 APR 2022
AD 2.4-8	17 JUN 2021	AD 2.5-20a	22 APR 2021	AD 2.7-15	21 APR 2022
AD 2.4-9	17 JUN 2021	AD 2.5-20b	22 APR 2021	AD 2.7-20	08 OCT 2020
AD 2.4-10	17 JUN 2021	AD 2.5-21	29 DEC 2022	AD 2.7-20a	06 DEC 2018
AD 2.4-20	21 APR 2022	AD 2.5-22	21 MAY 2020	AD 2.7-21	08 OCT 2020
AD 2.4-20a	21 APR 2022	AD 2.5-22a	21 MAY 2020	AD 2.7-22	08 OCT 2020
AD 2.4-22	17 JUN 2021	AD 2.5-23	24 FEB 2022	AD 2.7-23	08 OCT 2020
AD 2.4-22a	21 APR 2022	AD 2.5-24	23 APR 2020	AD 2.7-25	09 SEP 2021
AD 2.4-25	08 NOV 2018	AD 2.5-25	13 SEP 2018	AD 2.7-26	15 JUL 2021
AD 2.4-26	08 NOV 2018	AD 2.5-26	22 APR 2021	AD 2.7-29	13 NOV 2014
AD 2.4-29	08 APR 2010	AD 2.5-28	08 DEC 2016	AD 2.7-30	26 JAN 2023
AD 2.4-30	25 APR 2019	AD 2.5-29	22 APR 2021	AD 2.7-30a	10 NOV 2016
AD 2.4-31	25 APR 2019	AD 2.5-30	23 APR 2020	AD 2.7-31	26 JAN 2023
AD 2.4-32	25 APR 2019	AD 2.5-31	23 APR 2020	AD 2.7-31a	10 NOV 2016
AD 2.4-33	25 APR 2019	AD 2.5-32	28 MAR 2019	AD 2.7-32	26 JAN 2023
AD 2.4-34	25 APR 2019	AD 2.5-33	28 MAR 2019	AD 2.7-32a	10 NOV 2016
AD 2.4-34a	01 JAN 2017	AD 2.5-34	23 APR 2020	AD 2.7-32b	10 NOV 2016
AD 2.4-35	25 APR 2019	AD 2.5-34a	25 JUN 2015	AD 2.7-33	26 JAN 2023
AD 2.4-35a	13 NOV 2014	AD 2.5-35	23 APR 2020	AD 2.7-33a	10 NOV 2016
AD 2.4-36	25 APR 2019	AD 2.5-35a	26 JUN 2014	AD 2.7-34	26 JAN 2023
AD 2.4-36a	07 FEB 2013	AD 2.5-36	28 MAR 2019	AD 2.7-34a	10 NOV 2016
AD 2.4-37	25 APR 2019	AD 2.5-36a	07 FEB 2013	AD 2.7-35	26 JAN 2023
AD 2.4-37a	01 JAN 2017	AD 2.5-37	28 MAR 2019	AD 2.7-35a	10 NOV 2016
AD 2.4-40	25 MAR 2021	AD 2.5-37a	26 JUN 2014	AD 2.7-36	26 JAN 2023
AD 2.4-41	07 NOV 2019	AD 2.5-40	23 APR 2020	AD 2.7-36a	10 NOV 2016
AD 2.4-45	07 NOV 2019	AD 2.5-45	07 NOV 2019	AD 2.7-37	26 JAN 2023
AD 2.4-51	25 APR 2019	AD 2.5-51	20 MAY 2021	AD 2.7-37a	23 MAY 2019
AD 2.4-51a	05 APR 2012	AD 2.5-51a	05 APR 2012	AD 2.7-45	26 JAN 2023
AD 2.4-52	25 APR 2019	AD 2.5-53	22 APR 2021	AD 2.7-45a	10 NOV 2016
AD 2.4-52a	05 APR 2012	AD 2.5-53a	05 APR 2012	AD 2.7-52	26 JAN 2023
AD 2.4-53	25 APR 2019	AD 2.5-55	22 APR 2021	AD 2.7-52a	10 NOV 2016
AD 2.4-53a	05 APR 2012	AD 2.5-55a	07 FEB 2013	AD 2.7-71	26 JAN 2023
AD 2.4-54	25 APR 2019	AD 2.5-57	28 MAR 2019	AD 2.7-71a	10 NOV 2016
AD 2.4-54a	05 APR 2012	AD 2.5-57a	05 APR 2012	AD 2.7-71b	10 NOV 2016
AD 2.4-91	25 APR 2019	AD 2.5-91	28 MAR 2019	AD 2.7-71c	10 NOV 2016
AD 2.4-91a	05 APR 2012	AD 2.5-91a	05 APR 2012	AD 2.7-72	26 JAN 2023
AD 2.4-92	25 APR 2019	AD 2.5-93	22 APR 2021	AD 2.7-72a	10 NOV 2016
AD 2.4-92a	05 APR 2012	AD 2.5-93a	05 APR 2012	AD 2.7-72b	10 NOV 2016
AD 2.4-93	25 APR 2019	AD 2.5-95	22 APR 2021	AD 2.7-72c	10 NOV 2016
AD 2.4-93a	10 DEC 2015	AD 2.5-95a	07 FEB 2013	AD 2.7-81	26 JAN 2023
AD 2.4-94	25 APR 2019	AD 2.5-97	28 MAR 2019	AD 2.7-81a	10 NOV 2016
AD 2.4-94a	10 DEC 2015	AD 2.5-97a	05 APR 2012	AD 2.8-1	15 JUL 2022
AD 2.5-1	24 MAR 2022	AD 2.6-1	25 FEB 2021	AD 2.8-2	29 DEC 2022
AD 2.5-2	24 FEB 2022	AD 2.6-2	25 FEB 2021	AD 2.8-3	05 DEC 2019
AD 2.5-3	28 MAY 2015	AD 2.6-3	07 OCT 2021	AD 2.8-4	05 DEC 2019
AD 2.5-4	22 APR 2021	AD 2.6-4	25 FEB 2021	AD 2.8-5	05 DEC 2019
AD 2.5-5	22 APR 2021	AD 2.6-20	07 OCT 2021	AD 2.8-6	05 DEC 2019
AD 2.5-6	22 APR 2021	AD 2.6-40	25 FEB 2021	AD 2.8-7	05 DEC 2019
AD 2.5-7	24 FEB 2022	AD 2.7-1	21 APR 2022	AD 2.8-8	05 DEC 2019
AD 2.5-8	24 FEB 2022	AD 2.7-2	21 APR 2022	AD 2.8-9	05 DEC 2019
AD 2.5-9	24 FEB 2022	AD 2.7-3	15 JUL 2021	AD 2.8-10	05 DEC 2019
AD 2.5-10	03 DEC 2020	AD 2.7-4	15 JUL 2021	AD 2.8-11	05 DEC 2019
AD 2.5-11	03 DEC 2020	AD 2.7-5	15 JUL 2021	AD 2.8-12	05 DEC 2019
AD 2.5-12	03 DEC 2020	AD 2.7-6	15 JUL 2021	AD 2.8-13	05 DEC 2019
AD 2.5-13	03 DEC 2020	AD 2.7-7	15 JUL 2021	AD 2.8-14	05 DEC 2019

Page	Date	Page	Date	Page	Date
AD 2.8-15	28 JAN 2021	AD 2.10-52a	25 MAY 2017	AD 2.13-7	30 DEC 2021
AD 2.8-16	28 JAN 2021	AD 2.10-91	17 JUN 2021	AD 2.13-8	30 DEC 2021
AD 2.8-17	20 MAY 2021	AD 2.10-91a	25 MAY 2017	AD 2.13-9	15 AUG 2019
AD 2.8-18	25 MAR 2021	AD 2.10-92	17 JUN 2021	AD 2.13-10	16 JUL 2020
AD 2.8-19	05 DEC 2019	AD 2.10-92a	25 MAY 2017	AD 2.13-20	24 MAR 2022
AD 2.8-20	15 AUG 2019	AD 2.10-93	08 SEP 2022	AD 2.13-20a	03 DEC 2020
AD 2.8-20a	15 AUG 2019	AD 2.10-93a	18 JUN 2020	AD 2.13-22	30 DEC 2021
AD 2.8-22	15 AUG 2019	AD 2.10-94	08 SEP 2022	AD 2.13-22a	03 APR 2014
AD 2.8-25	20 JUN 2019	AD 2.10-94a	18 JUN 2020	AD 2.13-25	26 APR 2018
AD 2.8-31	02 JAN 2020	AD 2.11-1	24 MAR 2022	AD 2.13-26	05 MAY 2011
AD 2.8-32	02 JAN 2020	AD 2.11-2	15 JUL 2021	AD 2.13-28	22 JUN 2017
AD 2.8-35	13 AUG 2020	AD 2.11-3	15 JUL 2021	AD 2.13-30	17 JUN 2021
AD 2.8-36	02 JAN 2020	AD 2.11-4	15 JUL 2021	AD 2.13-30a	10 NOV 2016
AD 2.8-45	30 JAN 2020	AD 2.11-5	15 JUL 2021	AD 2.13-31	17 JUN 2021
AD 2.8-45a	02 JAN 2020	AD 2.11-6	15 JUL 2021	AD 2.13-31a	10 NOV 2016
AD 2.8-52	15 AUG 2019	AD 2.11-7	15 JUL 2021	AD 2.13-33	17 JUN 2021
AD 2.8-52a	23 JUN 2016	AD 2.11-8	15 JUL 2021	AD 2.13-33a	10 NOV 2016
AD 2.8-81	15 AUG 2019	AD 2.11-9	08 SEP 2022	AD 2.13-34	17 JUN 2021
AD 2.8-81a	26 MAY 2016	AD 2.11-20	15 JUL 2021	AD 2.13-34a	10 NOV 2016
AD 2.8-82	15 AUG 2019	AD 2.11-20a	15 JUL 2021	AD 2.13-35	17 JUN 2021
AD 2.8-82a	26 MAY 2016	AD 2.11-22	07 NOV 2019	AD 2.13-35a	13 AUG 2020
AD 2.9-1	23 APR 2020	AD 2.11-23	07 NOV 2019	AD 2.13-36	17 JUN 2021
AD 2.9-2	14 SEP 2017	AD 2.11-25	15 JUL 2021	AD 2.13-36a	10 NOV 2016
AD 2.9-3	17 AUG 2017	AD 2.11-26	15 JUL 2021	AD 2.13-37	17 JUN 2021
AD 2.9-4	26 APR 2018	AD 2.11-28	08 SEP 2022	AD 2.13-37a	17 AUG 2017
AD 2.9-5	25 APR 2019	AD 2.11-51	07 NOV 2019	AD 2.13-45	17 JUN 2021
AD 2.9-6	22 SEP 2011	AD 2.11-51a	25 AUG 2011	AD 2.13-45a	17 AUG 2017
AD 2.9-20	15 AUG 2019	AD 2.11-52	07 NOV 2019	AD 2.13-51	17 JUN 2021
AD 2.9-20a	25 APR 2019	AD 2.11-52a	25 AUG 2011	AD 2.13-51a	08 NOV 2018
AD 2.9-22	25 APR 2019	AD 2.11-91	07 NOV 2019	AD 2.13-92	17 JUN 2021
AD 2.9-25	26 APR 2018	AD 2.11-91a	31 MAR 2016	AD 2.13-92a	10 NOV 2016
AD 2.9-51	25 APR 2019	AD 2.11-92	07 NOV 2019	AD 2.14-1	23 MAR 2023
AD 2.9-51a	23 JUN 2016	AD 2.11-92a	31 MAR 2016	AD 2.14-2	29 DEC 2022
AD 2.9-52	25 APR 2019	AD 2.12-1	23 MAR 2023	AD 2.14-3	11 AUG 2022
AD 2.9-52a	23 JUN 2016	AD 2.12-2	16 AUG 2018	AD 2.14-4	11 AUG 2022
AD 2.9-81	25 APR 2019	AD 2.12-3	10 SEP 2020	AD 2.14-5	11 AUG 2022
AD 2.9-81a	23 JUN 2016	AD 2.12-4	06 DEC 2018	AD 2.14-6	11 AUG 2022
AD 2.9-82	25 APR 2019	AD 2.12-5	07 NOV 2019	AD 2.14-7	11 AUG 2022
AD 2.9-82a	23 JUN 2016	AD 2.12-6	16 AUG 2018	AD 2.14-8	11 AUG 2022
AD 2.9-83	25 APR 2019	AD 2.12-20	25 APR 2019	AD 2.14-9	11 AUG 2022
AD 2.9-83a	23 JUN 2016	AD 2.12-20a	25 APR 2019	AD 2.14-20	11 AUG 2022
AD 2.10-1	31 DEC 2020	AD 2.12-22	25 APR 2019	AD 2.14-22	11 AUG 2022
AD 2.10-2	31 DEC 2020	AD 2.12-25	16 AUG 2018	AD 2.14-23	11 AUG 2022
AD 2.10-3	31 DEC 2020	AD 2.12-26	16 AUG 2018	AD 2.14-25	11 AUG 2022
AD 2.10-4	31 JAN 2019	AD 2.12-28	06 DEC 2018	AD 2.14-29	23 JUN 2016
AD 2.10-5	31 DEC 2020	AD 2.12-51	15 JUL 2021	AD 2.14-30	17 JUN 2021
AD 2.10-6	30 DEC 2021	AD 2.12-51a	16 AUG 2018	AD 2.14-30a	10 DEC 2015
AD 2.10-7	31 DEC 2020	AD 2.12-52	15 JUL 2021	AD 2.14-31	17 JUN 2021
AD 2.10-8	31 DEC 2020	AD 2.12-52a	16 AUG 2018	AD 2.14-31a	10 DEC 2015
AD 2.10-9	31 DEC 2020	AD 2.12-81	15 JUL 2021	AD 2.14-52	17 JUN 2021
AD 2.10-10	31 DEC 2020	AD 2.12-81a	16 AUG 2018	AD 2.14-52a	23 JUN 2016
AD 2.10-20	31 DEC 2020	AD 2.12-82	15 JUL 2021	AD 2.14-81	17 JUN 2021
AD 2.10-20a	31 DEC 2020	AD 2.12-82a	16 AUG 2018	AD 2.14-81a	10 DEC 2015
AD 2.10-22	31 DEC 2020	AD 2.12-83	15 JUL 2021	AD 2.14-82	17 JUN 2021
AD 2.10-25	16 OCT 2014	AD 2.12-83a	16 AUG 2018	AD 2.14-82a	10 DEC 2015
AD 2.10-28	31 JAN 2019	AD 2.13-1	23 MAR 2023	AD 2.15-1	23 MAR 2023
AD 2.10-30	17 JUN 2021	AD 2.13-2	23 MAR 2023	AD 2.15-2	03 NOV 2022
AD 2.10-31	17 JUN 2021	AD 2.13-3	15 AUG 2019	AD 2.15-3	30 DEC 2021
AD 2.10-51	17 JUN 2021	AD 2.13-4	15 AUG 2019	AD 2.15-4	30 DEC 2021
AD 2.10-51a	25 MAY 2017	AD 2.13-5	30 DEC 2021	AD 2.15-5	30 DEC 2021
AD 2.10-52	17 JUN 2021	AD 2.13-6	24 MAR 2022	AD 2.15-6	30 DEC 2021

Page	Date
AD 2.15-7	30 DEC 2021
AD 2.15-8	23 FEB 2023
AD 2.15-9	23 FEB 2023
AD 2.15-10	23 FEB 2023
AD 2.15-11	23 FEB 2023
AD 2.15-12	23 FEB 2023
AD 2.15-20	02 JAN 2020
AD 2.15-20a	30 DEC 2021
AD 2.15-22	23 MAY 2019
AD 2.15-23	30 DEC 2021
AD 2.15-25	23 MAY 2019
AD 2.15-26	23 MAY 2019
AD 2.15-29	07 APR 2011
AD 2.15-30	17 JUN 2021
AD 2.15-30a	10 NOV 2016
AD 2.15-31	17 JUN 2021
AD 2.15-31a	10 NOV 2016
AD 2.15-32	17 JUN 2021
AD 2.15-32a	10 NOV 2016
AD 2.15-34	17 JUN 2021
AD 2.15-34a	10 NOV 2016
AD 2.15-35	17 JUN 2021
AD 2.15-35a	10 NOV 2016
AD 2.15-36	17 JUN 2021
AD 2.15-36a	10 NOV 2016
AD 2.15-37	17 JUN 2021
AD 2.15-37a	10 NOV 2016
AD 2.15-45	17 JUN 2021
AD 2.15-45a	10 NOV 2016
AD 2.15-51	17 JUN 2021
AD 2.15-51a	10 NOV 2016
AD 2.15-52	17 JUN 2021
AD 2.15-52a	10 NOV 2016
AD 2.15-91	17 JUN 2021
AD 2.15-91a	10 NOV 2016
AD 2.15-92	17 JUN 2021
AD 2.15-92a	10 NOV 2016
AD 2.15-93	17 JUN 2021
AD 2.15-93a	10 NOV 2016
AD 2.15-94	17 JUN 2021
AD 2.15-94a	10 NOV 2016
AD 2.16-1	23 MAR 2023
AD 2.16-2	23 MAR 2023
AD 2.16-3	18 JUL 2019
AD 2.16-4	18 JUL 2019
AD 2.16-5	18 JUL 2019
AD 2.16-6	23 FEB 2023
AD 2.16-7	23 MAR 2023
AD 2.16-8	18 JUL 2019
AD 2.16-9	23 MAR 2023
AD 2.16-10	18 JUL 2019
AD 2.16-11	18 JUL 2019
AD 2.16-12	18 JUL 2019
AD 2.16-13	27 FEB 2020
AD 2.16-20	23 FEB 2023
AD 2.16-20a	07 NOV 2019
AD 2.16-22	23 FEB 2023
AD 2.16-25	27 FEB 2020
AD 2.16-26	27 FEB 2020
AD 2.16-28	18 JUL 2019
AD 2.16-29	18 JUL 2019
AD 2.16-30	24 FEB 2022
AD 2.16-31	24 FEB 2022
AD 2.16-32	24 FEB 2022
AD 2.16-33	24 FEB 2022
AD 2.16-34	24 FEB 2022
AD 2.16-35	24 FEB 2022
AD 2.16-36	24 FEB 2022
AD 2.16-36a	18 JUL 2019
AD 2.16-37	24 FEB 2022
AD 2.16-37a	18 JUL 2019
AD 2.16-45	24 FEB 2022
AD 2.16-51	15 JUL 2021
AD 2.16-51a	18 JUL 2019
AD 2.16-52	15 JUL 2021
AD 2.16-52a	18 JUL 2019
AD 2.16-53	15 JUL 2021
AD 2.16-53a	25 FEB 2021
AD 2.16-54	15 JUL 2021
AD 2.16-54a	25 FEB 2021
AD 2.16-91	15 JUL 2021
AD 2.16-91a	18 JUL 2019
AD 2.16-92	15 JUL 2021
AD 2.16-92a	18 JUL 2019
AD 2.16-93	15 JUL 2021
AD 2.16-93a	25 FEB 2021
AD 2.16-94	15 JUL 2021
AD 2.16-94a	25 FEB 2021
AD 2.17-1	23 MAR 2023
AD 2.17-2	23 FEB 2023
AD 2.17-3	28 JAN 2021
AD 2.17-4	28 JAN 2021
AD 2.17-5	28 JAN 2021
AD 2.17-6	28 JAN 2021
AD 2.17-7	28 JAN 2021
AD 2.17-8	28 JAN 2021
AD 2.17-9	28 JAN 2021
AD 2.17-10	28 JAN 2021
AD 2.17-11	28 JAN 2021
AD 2.17-12	28 JAN 2021
AD 2.17-13	28 JAN 2021
AD 2.17-20	05 DEC 2019
AD 2.17-20a	05 DEC 2019
AD 2.17-21	28 JAN 2021
AD 2.17-22	28 JAN 2021
AD 2.17-25	05 DEC 2019
AD 2.17-26	05 DEC 2019
AD 2.17-51	25 APR 2019
AD 2.17-51a	17 NOV 2011
AD 2.17-81	05 DEC 2019
AD 2.17-81a	05 DEC 2019
AD 2.18-1	15 JUL 2021
AD 2.18-2	15 JUL 2021
AD 2.18-3	15 JUL 2021
AD 2.18-4	15 JUL 2021
AD 2.18-20	15 JUL 2021
AD 2.18-40	15 JUL 2021
AD 2.19-1	29 DEC 2022
AD 2.19-2	29 DEC 2022
AD 2.19-3	29 DEC 2022
AD 2.19-4	15 JUL 2021
AD 2.19-20	29 DEC 2022
AD 2.20-1	03 NOV 2022
AD 2.20-2	03 NOV 2022
AD 2.20-3	05 FEB 2015
AD 2.20-4	01 APR 2019
AD 2.20-20	02 MAR 2017
AD 2.20-21	02 MAR 2017
AD 2.20-40	28 MAR 2019
AD 2.20-41	28 MAR 2019
AD 2.21-1	26 MAR 2020
AD 2.21-2	05 APR 2012
AD 2.21-3	05 APR 2012
AD 2.21-4	28 JAN 2021
AD 2.21-20	19 JUL 2018
AD 2.21-40	19 JUL 2018
AD 2.23-1	15 DEC 2019
AD 2.23-2	04 FEB 2016
AD 2.23-3	23 JUL 2015
AD 2.23-4	28 MAR 2019
AD 2.23-20	31 JAN 2019
AD 2.23-40	28 MAR 2019
AD 2.23-41	28 MAR 2019
AD 2.24-1	27 FEB 2020
AD 2.24-2	30 MAR 2017
AD 2.24-3	30 MAR 2017
AD 2.24-4	30 MAR 2017
AD 2.24-20	19 JUL 2018
AD 2.24-40	19 JUL 2018
AD 2.25-1	16 AUG 2018
AD 2.25-2	16 AUG 2018
AD 2.25-3	16 AUG 2018
AD 2.25-4	16 AUG 2018
AD 2.25-20	16 AUG 2018
AD 2.25-40	16 AUG 2018
AD 2.26-1	25 MAR 2021
AD 2.26-2	16 AUG 2018
AD 2.26-3	16 AUG 2018
AD 2.26-4	16 AUG 2018
AD 2.26-20	08 OCT 2020
AD 2.26-40	08 OCT 2020
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	21 MAY 2020
AD 2.27-20	21 MAY 2020
AD 2.27-40	21 MAY 2020
AD 2.28-1	16 JUL 2020
AD 2.28-2	16 JUL 2020
AD 2.28-3	16 JUL 2020
AD 2.28-4	16 JUL 2020
AD 2.28-20	16 JUL 2020
AD 2.28-40	16 JUL 2020
AD 3	
AD 3.2-1	22 APR 2021
AD 3.2-2	22 APR 2021
AD 3.2-3	30 APR 2015
AD 3.2-4	26 AUG 2010
AD 3.2-20	22 APR 2021
AD 3.2-40	22 APR 2021
AD 3.3-1	04 JUN 2009
AD 3.3-2	07 JUN 2007

Page	Date	Page	Date	Page	Date
AD 3.3-3	30 APR 2015				
AD 3.3-4	30 APR 2015				
AD 3.3-20	25 JUN 2015				
AD 3.5-1	11 AUG 2022				
AD 3.5-2	11 AUG 2022				
AD 3.5-3	11 AUG 2022				
AD 3.5-4	11 AUG 2022				
AD 3.5-20	11 AUG 2022				
AD 3.6-1	13 SEP 2018				
AD 3.6-2	13 SEP 2018				
AD 3.6-3	13 SEP 2018				
AD 3.6-4	13 SEP 2018				
AD 3.6-20	13 SEP 2018				
AD 3.7-1	13 AUG 2020				
AD 3.7-2	13 AUG 2020				
AD 3.7-3	03 NOV 2022				
AD 3.7-4	13 AUG 2020				
AD 3.7-20	03 NOV 2022				
AD 3.7-40	13 AUG 2020				
AD 3.7-40a	13 AUG 2020				
AD 3.8-1	25 MAR 2021				
AD 3.8-2	25 MAR 2021				
AD 3.8-3	25 MAR 2021				
AD 3.8-4	25 MAR 2021				
AD 3.8-20	25 MAR 2021				

GEN 0.5 LIST OF HAND AMENDMENTS TO THE AIP

AIP page(s) Affected	Amendment text	Introduced by AIP Amendment NO
1	2	3
ENR 6-2 24 FEB 2022	AMA value in quadrilateral defined by SW corner 460000N and 0230000E correct and read 8200 instead of 8000	AIRAC 01/23 26 JAN 2023
ENR 6-2 24 FEB 2022	AMA value in quadrilateral defined by SW corner: 46N and 021E, correct and read 3800 instead of 3700; 46N and 022E, correct and read 8200 instead of 8100; 45N and 020E, correct and read 2600 instead of 1500; 45N and 021E, correct and read 7400 instead of 4400.	AIRAC 03/23 23 MAR 2023
ENR 6-2 24 FEB 2022	AMA value in quadrilateral defined by SW corner: 47N and 022E correct and read 4900 instead of 4300; 47N and 023E correct and read 6800 instead of 5800; 46N and 024E correct and read 7000 instead of 5500; 45N and 023E correct and read 10400 instead of 10300.	AIRAC 03/23 23 MAR 2023
ENR 6-2 24 FEB 2022	AMA value in quadrilateral defined by SW corner: 43N and 027E correct and read 3600 instead of 1700; 43N and 028E correct and read 2300 instead of 1900; 43N and 029E correct and read 1200 instead of 1000; 43N and 030E correct and read 1200 instead of 1000; 44N and 030E correct and read 1200 instead of 1000.	AIRAC 03/23 23 MAR 2023
AD 2.1-31/32/33/34 AD 2.1-35/36/37/38	LRAR SID/STAR charts, AMA value in quadrilateral defined by SW corner: 4600N and 02130E, correct and read 3800 instead of 3700; 4600N and 02200E, correct and read 5300 instead of 4600; 4530N and 02000E, new value 1500; 4530N and 02130E, correct and read 3000 instead of 2400; 4530N and 02200E, correct and read 7100 instead of 5500; 4530N and 02230E, correct and read 8200 instead of 5000; 4500N and 02100E, correct and read 3200 instead of 1700; 4500N and 02130E, correct and read 7400 instead of 5000; 4500N and 02200E, correct and read 9300 instead of 7000.	AIRAC 03/23 23 MAR 2023
AD 2.1-31/32/33/34 AD 2.1-35/36/37/38 AD 2.1-53/54/81/83/84	LRAR SID/STAR/IAC charts: - MSA W SECTOR, correct and read 1700FT instead of 1600FT; - MSA NE SECTOR, correct and read limits 179-279 3800FT instead of limits 179-269 3600FT; - MSA SE SECTOR, correct and read limits 279-012 3200FT instead of limits 269-012 3100FT.	AIRAC 03/23 23 MAR 2023
AD 2.7-30/31/32/33 AD 2.7-34/35/36/37	LRCL SID/STAR charts, AMA value in quadrilateral defined by SW corner: 4700N and 02230E, correct and read 4900 instead of 4300; 4700N and 02300E, correct and read 4900 instead of 3900; 4700N and 02330E, correct and read 5100 instead of 3700; 4700N and 02400E, correct and read 8200 instead of 5900; 4700N and 02430E, correct and read 9500 instead of 8300; 4630N and 02230E, correct and read 8200 instead of 8100; 4630N and 02300E, correct and read 8200 instead of 7800; 4630N and 02330E, correct and read 6300 instead of 4300; 4630N and 02400E, correct and read 3400 instead of 2900; 4630N and 02430E, correct and read 7000 instead of 5500; 4600N and 02230E, correct and read 8200 instead of 8100; 4600N and 02330E, correct and read 6400 instead of 6200; 4600N and 02400E, correct and read 3400 instead of 3100; 4600N and 02430E, correct and read 5100 instead of 3500; 4530N and 02230E, correct and read 8200 instead of 5000; 4530N and 02300E, correct and read 9100 instead of 8800; 4530N and 02330E, correct and read 9500 instead of 9400; 4530N and 02400E, correct and read 10400 instead of 9800.	AIRAC 03/23 23 MAR 2023

1	2	3
AD 2.8-31/32/35/36	LRCK SID/STAR charts, AMA value in quadrilateral defined by SW corner: 4500N and 02700E, correct and read 3300 instead of 2400; 4500N and 02730E, correct and read 1800 instead of 1400; 4500N and 02800E, correct and read 2700 instead of 2600; 4500N and 02830E, correct and read 2500 instead of 2200; 4430N and 02700E, correct and read 1800 instead of 1300; 4430N and 02730E, correct and read 1900 instead of 1700; 4430N and 02830E, correct and read 2700 instead of 2400; 4430N and 02900E, correct and read 1900 instead of 1300; 4400N and 02900E, new value 1200; 4330N and 02800E, correct and read 2100 instead of 1900; 4330N and 02830E, correct and read 1800 instead of 1600; 4330N and 02900E, new value 1200.	AIRAC 03/23 23 MAR 2023
AD 2.8-31/32/36	LRCK SID/STAR charts, AMA value in quadrilateral defined by SW corner 4330N and 02730E, new value 2200.	AIRAC 03/23 23 MAR 2023
AD 2.10-30/31/51/52 AD 2.10-91/92/93/94	LRIA SID/IAC charts, correct and read omnidirectional MSA SECTOR 2900 instead of 2300/2400/2900.	AIRAC 03/23 23 MAR 2023
AD 2.13-30/31/33/34 AD 2.13-35/36/37	LRSB SID/STAR charts, AMA value in quadrilateral defined by SW corner: 4700N and 02230E, correct and read 4900 instead of 4300; 4700N and 02300E, correct and read 4900 instead of 3900; 4700N and 02330E, correct and read 5100 instead of 3700; 4700N and 02400E, correct and read 8200 instead of 5900; 4700N and 02430E, correct and read 9500 instead of 8300; 4630N and 02230E, correct and read 8200 instead of 8100; 4630N and 02300E, correct and read 8200 instead of 7800; 4630N and 02330E, correct and read 6300 instead of 4300; 4630N and 02400E, correct and read 3400 instead of 2900; 4630N and 02430E, correct and read 7000 instead of 5500; 4600N and 02230E, correct and read 8200 instead of 8100; 4600N and 02330E, correct and read 6400 instead of 6200; 4600N and 02400E, correct and read 3400 instead of 3100; 4600N and 02430E, correct and read 5100 instead of 3500; 4530N and 02230E, correct and read 8200 instead of 5000; 4530N and 02300E, correct and read 9100 instead of 8800; 4530N and 02330E, correct and read 9500 instead of 9400; 4530N and 02400E, correct and read 10400 instead of 9800.	AIRAC 03/23 23 MAR 2023
AD 2.13-30/31/33/34 AD 2.13-35/36/37/51/92	LRSB SID/STAR/IAC charts: - MSA NW SECTOR, correct and read limits 086-175 6500FT instead of limits 087-176 6400FT; - MSA NE SECTOR, correct and read limits 175-263 4200FT instead of limits 176-267 4200FT; - MSA SE SECTOR, correct and read limits 263-355 10400FT instead of limits 267-356 10400FT; - MSA SW SECTOR, correct and read limits 355-086 9500FT instead of limits 356-087 9400FT.	AIRAC 03/23 23 MAR 2023
AD 2.15-30/31/32 AD 2.15-34/35/36/37	LRTM SID/STAR charts, AMA value in quadrilateral defined by SW corner: 4700N and 02230E, correct and read 4900 instead of 4300; 4700N and 02300E, correct and read 4900 instead of 3900; 4700N and 02330E, correct and read 5100 instead of 3700; 4700N and 02400E, correct and read 8200 instead of 5900; 4700N and 02430E, correct and read 9500 instead of 8300; 4630N and 02230E, correct and read 8200 instead of 8100; 4630N and 02300E, correct and read 8200 instead of 7800; 4630N and 02330E, correct and read 6300 instead of 4300; 4630N and 02400E, correct and read 3400 instead of 2900; 4630N and 02430E, correct and read 7000 instead of 5500; 4600N and 02230E, correct and read 8200 instead of 8100; 4600N and 02330E, correct and read 6400 instead of 6200; 4600N and 02400E, correct and read 3400 instead of 3100; 4600N and 02430E, correct and read 5100 instead of 3500; 4530N and 02230E, correct and read 8200 instead of 5000; 4530N and 02300E, correct and read 9100 instead of 8800; 4530N and 02330E, correct and read 9500 instead of 9400; 4530N and 02400E, correct and read 10400 instead of 9800.	AIRAC 03/23 23 MAR 2023

1	2	3
AD 2.15-30/31/32/34 AD 2.15-35/36/37/51 AD 2.15-52/91/92/93/94	LRTM SID/STAR/IAC charts: - MSA W SECTOR, correct and read 5400FT instead of 4700FT; - MSA NE SECTOR, correct and read 5200FT instead of 4600FT.	AIRAC 03/23 23 MAR 2023
AD 2.16-30/31/32/33 AD 2.16-34/35/36/37	LRTR SID/STAR charts, AMA value in quadrilateral defined by SW corner: 4600N and 02130E, correct and read 3800 instead of 3700; 4600N and 02200E, correct and read 5300 instead of 4600; 4530N and 02000E, new value 1500; 4530N and 02130E, correct and read 3000 instead of 2400; 4530N and 02200E, correct and read 7100 instead of 5500; 4530N and 02230E, correct and read 8200 instead of 5000; 4500N and 02100E, correct and read 3200 instead of 1700; 4500N and 02130E, correct and read 7400 instead of 5000; 4500N and 02200E, correct and read 9300 instead of 7000.	AIRAC 03/23 23 MAR 2023

GEN 2. TABLES AND CODES

GEN 2.1 MEASURING SYSTEM, AIRCRAFT MARKINGS, HOLIDAYS

GEN 2.1.1 Units of measurement

The table of units of measurement shown below will be used by aeronautical stations within BUCUREŞTI FIR for air and ground operations.

GEN 2.1.2 Temporal Reference System

General

The Gregorian Calendar and Coordinated Universal Time (UTC) are used in civil aviation as the temporal reference system. Reporting of time is expressed to the nearest minute, e.g. 12:40:35 is reported as 1241.

In the AIP and associated publications, the expression "summer period" will indicate that part of the year in which "daylight saving time" is in force. The other part of the year will be named the "winter period".
In Romania, the local time for summer and winter periods is as follows:

a) winter period - UTC + 2 hours.
b) summer period - UTC + 3 hours.

The "summer period" will be introduced every year on the last Sunday in MAR at 0300 (local time) which will become 0400 (local time). The "winter period" it is applied from 0400 (local time) of the last Sunday in OCT which will become 0300 (local time). Times applicable during the "summer period" are given in brackets.

GEN 2.1.3 Horizontal Reference System

1. ***Name/designation of datum***

All published geographical coordinates indicating latitude and longitude are expressed in terms of the World Geodetic System -1984 (WGS-84) geodetic reference datum.

2. ***Area of application***

The area of application for the published geographical coordinates coincides with the area of responsibility of the Aeronautical Information Service, i.e. the entire territory of Romania as well as the airspace over the high seas encompassed by the BUCUREŞTI FIR in accordance with the regional air navigation agreement.

For measurement of	*Units used, (Equivalent I.S.Units)*
Distance used in navigation, position reporting, etc. - generally in excess of 2 nautical miles	Nautical Miles and tenths, (km)
Relatively short distances such as those relating to aerodromes (e.g. runway lengths)	Metres
Altitudes, elevations and heights	Feet, (m)
Horizontal speed including wind speed	Knots, (km/h)
Vertical speed	Feet per minute, (m/s)
Wind direction for landing and taking off	Degrees Magnetic
Wind direction except for landing and taking off	Degrees True
Visibility including runway visual range	Kilometres or metres
Altimeter setting	Hectopascal, (mb / mm col. Hg.)
Temperature	Degrees Celsius, (Centigrades)
Weight	Metric tonnes or Kilogrammes
Time	Hours and minutes, beginning at midnight UTC

GEN 2. TABELE ŞI CODURI

GEN 2.1 SISTEMUL DE MĂSURĂ, ÎNSEMNELE AERONAVELOR, ZILE NELUCRĂTOARE

GEN 2.1.1 Unităţi de măsură

Unităţile de măsură folosite pentru operaţiunile aeriene şi la sol în FIR BUCUREŞTI sunt date în tabelul de mai jos.

GEN 2.1.2 Sistemul de referinţă temporal

Generalităţi

În aviaţia civilă se foloseşte calendarul Gregorian şi ora UTC ca sistem de referinţă temporal. La comunicarea orei se foloseşte minutul întreg cel mai apropriat. De exemplu: 12h 40' 35" se comunică 1241.

În documentele de informare aeronautică, expresia "perioada de vară" va indica acea parte a anului în care este valabilă "ora de vară". Cealaltă perioadă se va numi "perioadă de iarnă".
În România, timpul local pentru perioada de vară şi pentru perioada de iarnă este după cum urmează:

a) perioada de iarnă - UTC + 2 ore.
b) perioada de vară - UTC + 3 ore.

Ora de vară se aplică de la ora 0300 (timp local) a ultimei duminici din luna martie, care va deveni ora 0400 (timp local). Ora de iarnă se aplică de la ora 0400 (timp local) a ultimei duminici din luna OCT, care va deveni ora 0300 (timp local).

GEN 2.1.3 Sistemul de referinţă orizontal

1 ***Numele/identificatorul sistemului de referinţă geodetic***

Toate coordonatele publicate indicând latitudinea şi longitudinea sunt exprimate în termenii sistemului de referinţă geodetic WGS-84.

2 ***Zona de aplicare***

Zona de aplicare pentru coordonatele publicate coincide cu zona de responsabilitate a Serviciului de Informare Aeronautică, adică întreg teritoriul României precum şi spaţiul aerian de deasupra mării inclus în FIR BUCUREŞTI, conform înţelegerilor privind navigaţia aeriană regională.

Elementul măsurat	*Unitate de măsură, (unităţi de măsură echivalente conform S.I.)*
Distanţa folosită în navigaţie, rapoarte de poziţie, etc. - în general depăşind două mile nautice	Mile Nautice şi zecimi, (km)
Distanţe relativ scurte, ex. distanţele pe un aeroport, etc	Metri
Altitudini, înălţimi, cote	Picioare, (m)
Viteza orizontală şi viteza vântului	Noduri, (km/h)
Viteza verticală	Picioare / minut, (m/s)
Direcţia vântului pentru decolare/aterizare	Grade în raport cu Nordul magnetic
Direcţia vântului în afara condiţiilor de decolare/aterizare	Grade în raport cu Nordul adevărat
Vizibilitatea, inclusiv cea de-a lungul pistei	Kilometri sau metri
Reglaj altimetric	Hectopascali, (mb / mm col. Hg.)
Temperatura	Grade Celsius, (Centigrade)
Greutatea	Tone sau Kilograme
Timpul	Ore şi minute, miezul nopţii UTC

3. ***Use of an asterisk to identify published geographical coordinates***

An asterisk (*) will be used to identify those published geographical co-ordinates which do not meet the requirements of WGS-84 Programme. Specifications for determination and reporting of WGS-84 co-ordinates are given in ICAO Annex 11, Chapter 2 and in ICAO Annex 14, Volumes I and II, Chapter 2.

GEN 2.1.4 Vertical Reference System

The vertical reference system used in Romania is Black Sea 75 (MN75). It corresponds to mean sea level (MSL).

GEN 2.1.5 Aircraft nationality and registration marks

The nationality marks for aircraft registered in civil aviation of Romania are:

- the flag of Romania;
- the group of letters YR.

The group of letters is followed by a hyphen and a group of three letters forming the registration marks given to each aircraft (e.g. YR - IMA)

GEN 2.1.6 Public holidays

Name	*Date/Day*
New Year's Day	1, 2 January
Union Day	24 January
Good Friday	14 April
Easter	16, 17 April
Labour Day	1 May
Children's Day	1 June
Pentecost	04, 05 June
The Dormition of the Theotokos	15 August
Saint Andrew - the First Called, Patron of Romania	30 November
National Day	1 December
Christmas	25, 26 December

Note.- Some administrative services may not be available and banks and other institutions may not be open on the following days:

TO BE DEVELOPED

3 ***Utilizarea simbolului asterisc (*) pentru identificarea coordonatelor geografice publicate***

Simbolul asterisc (*) va fi utilizat pentru identificarea acelor coordonate geografice publicate care nu îndeplinesc cerinţele Programului WGS-84. Specificaţii pentru determinarea şi raportarea coordonatelor WGS-84 sunt date în Anexa 11 OACI, Capitolul 2 şi în Anexa 14 OACI, Volumul I şi II, Capitolul 2

GEN 2.1.4 Sistemul de referinţă vertical

Sistemul de referință vertical utilizat în România este Marea Neagră 75 (MN75). Acesta corespunde nivelului mediu al mării (MSL).

GEN 2.1.5 Însemnele de naţionalitate şi marca de ordine

Însemnele de naţionalitate pentru aeronavele înmatriculate în aviaţia civilă din România sunt:

- pavilionul României;
- grupa de litere YR.

Grupa de litere - YR - este urmată de linie şi grupa de litere care formează marca de ordine atribuită fiecărei aeronave în parte. Exemplu: YR - IMA

GEN 2.1.6 Zile libere

Nume	*Data/Ziua*
Anul Nou	1, 2 Ianuarie
Ziua Unirii Principatelor Române	24 Ianuarie
Vinerea Mare	14 Aprilie
Sărbătoarea de Paşti	16, 17 Aprilie
Ziua Muncii	1 Mai
Ziua Copilului	1 Iunie
Sărbătoarea de Rusalii	04, 05 Iunie
Adormirea Maicii Domnului	15 August
Sfântul Apostol Andrei cel Întâi chemat, Ocrotitorul României	30 Noiembrie
Ziua Naţională	1 Decembrie
Sărbătoarea de Crăciun	25, 26 Decembrie

Notă.- Anumite servicii administrative precum şi unele instituţii sau bănci pot fi închise după cum urmează:

TO BE DEVELOPED

BACĂU / George Enescu (LRBC)

1. Landing Charge
UNIT RATE: 3.00 EURO / tonne

2. Lighting charge
UNIT RATE: 1.60 EURO / tonne

3. Parking charge
UNIT RATE: 0.08 EURO / tonne / hour

4. Passengers service
UNIT RATE: 3.50 EURO / passenger
SECURITY CHARGE: 1.80 EURO / passenger

5. Other charges
NIL

6. Discounts
6.1 Landing charge
Additional conditions associated with the landing charge for airlines that perform regular flights:

Number of landings/month	Discounts [%]
4 – 8	5
9 – 12	10
13 – 16	15
17 – 20	20
21 – 24	25
25 – 29	30
30 – 33	35
34 – 38	40
39 – 42	45
≥ 43	50

6.2 Lighting charge
Additional conditions associated with the lighting charge for airlines that perform regular flights:

Number of landings/month	Discounts [%]
100-110	5
111-120	10
121-130	15
131-140	20
141-150	25
151-160	30
161-170	35
171-180	40
181-190	45
≥ 190	50

6.3 Passengers service
Additional conditions associated with the passenger service charge:

No. of passengers / year	Discounts [%]
240001-260000	5
260001-280000	10
280001-300000	15
300001-320000	20
320001-340000	25
340001-360000	30
360001-380000	35
380001-400000	40
400001-420000	45
≥ 420000	50

Discounts are only applied to the payment amount remaining after deducting the fees set independently by the airport: the fees charged for the surveillance of objectives necessary for the safety of passengers.

BACĂU / George Enescu (LRBC)

1. Tariful de aterizare
NIVELUL UNITAR AL TARIFULUI: 3.00 EURO / tonă

2. Tariful de iluminare
NIVELUL UNITAR AL TARIFULUI: 1.60 EURO / tonă

3. Tariful de staţionare
NIVELUL UNITAR AL TARIFULUI: 0.08 EURO / tonă / oră

4. Servicii pentru pasageri
NIVELUL UNITAR AL TARIFULUI: 3.50 EURO / pasager
TARIF DE SECURITATE: 1.80 EURO / pasager

5. Alte tarife
NIL

6. Reduceri
6.1 Tariful de aterizare
Condiţii suplimentare asociate tarifului de aterizare pentru companii aeriene care efectuează zboruri regulate:

Nr de aterizări/lună	Reducere aplicată [%]
4 – 8	5
9 – 12	10
13 – 16	15
17 – 20	20
21 – 24	25
25 – 29	30
30 – 33	35
34 – 38	40
39 – 42	45
≥ 43	50

6.2 Tariful de iluminare
Condiţii suplimentare asociate tarifului de iluminare pentru companii aeriene care efectuează zboruri regulate:

Nr de aterizări/lună	Reducere aplicată [%]
100-110	5
111-120	10
121-130	15
131-140	20
141-150	25
151-160	30
161-170	35
171-180	40
181-190	45
≥ 190	50

6.3 Servicii pentru pasageri
Condiții suplimentare asociate tarifului de servicii pentru pasageri:

Nr de pasageri/an	Reducere aplicată [%]
240001-260000	5
260001-280000	10
280001-300000	15
300001-320000	20
320001-340000	25
340001-360000	30
360001-380000	35
380001-400000	40
400001-420000	45
≥ 420000	50

Reducerile se aplică doar la suma rămasă de plată după scăderea tarifelor stabilite independent de aeroport: tarifele colectate pentru supravegherea obiectivelor necesare siguranţei pasagerilor.

SUCEAVA / Ştefan cel Mare - Suceava (LRSV)

1. Landing Charge
UNIT RATE: 3.00 EURO / tonne - scheduled flights
6.00 EURO / tonne – cargo / non-scheduled flights

2. Lighting charge
UNIT RATE: 2.50 EURO / tonne / landing / take-off

3. Parking charge
UNIT RATE: 0.20 EURO / tonne / hour for ACFT with MOTW between 0 and 25 tonnes
0.10 EURO / tonne / hour for ACFT with MOTW greater than 25 tonnes

4. Passengers service
UNIT RATE: 3.50 EURO / boarded passenger
SECURITY CHARGE: 1.00 EURO / passenger
TRANSIT: 3.00 EURO / passenger
TRANSFER: 3.00 EURO / passenger

5. Other charges
Charge for persons with reduced mobility
UNIT RATE: 0.27 EURO / embarked passenger

6. Exemptions
NIL

7. Reductions
SCHEDULED FLIGHTS: flights to and from the Suceava "Ștefan cel Mare" Airport, operated with regularity, following a pre-established timetable, year-round or for periods shorter than 1 year, which are repeated with an obvious systematic frequency, and the tickets for these flights are available for public individual purchase, directly from the air operator and/or from its authorized agents.
NON-SCHEDULED FLIGHTS: flights operated under other conditions than scheduled flights, including those pursuant to a charter contract and on regular basis.

7.1 Landing Charge
For air operators that perform scheduled flights, depending on the number of landings performed monthly, discounts are applied for the landing charge, as follows:

Discount (%)	No. of landings / month
35	65-69
40	70-74
45	75-79
50	≥ 80

7.2 Lighting Charge
For air operators that perform scheduled flights, depending on the number of movements performed monthly, discounts are applied for the lighting charge, as follows:

Discount (%)	No. of movements / month
10	130-139
20	140-149
30	150-159
40	≥160

7.3. Parking charge
This charge is levied for each parking hour or fraction of hour, except the first 3 hours after landing. The fraction of hour is established at 15 minutes.

SUCEAVA / Ştefan cel Mare - Suceava (LRSV)

1. Tariful de aterizare
NIVELUL UNITAR AL TARIFULUI: 3.00 EURO / tonă - zboruri regulate
6.00 EURO / tonă - cargo/zboruri neregulate

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

3. Tariful de staţionare
NIVELUL UNITAR AL TARIFULUI: 0.20 EURO / tonă / oră pentru aeronave cu MOTW între 0-25 tone
0.10 EURO / tonă / oră pentru aeronave cu MOTW mai mare de 25 tone

4. Servicii pentru pasageri
NIVELUL UNITAR AL TARIFULUI: 3.50 EURO / pasager îmbarcat
TARIF DE SECURITATE: 1.00 EURO / pasager
TRANZIT: 3.00 EURO / pasager
TRANSFER: 3.00 EURO / pasager

5. Alte tarife
Tarif pentru pasageri cu mobilitate redusă
NIVELUL UNITAR AL TARIFULUI: 0.27 EURO / pasager îmbarcat

6. Scutiri
NIL

7. Reduceri
ZBORURI REGULATE: zboruri către și de la Aeroportul „Ştefan cel Mare” Suceava, operate cu regularitate, după un orar prestabilit, pe parcursul unui an sau pe perioade mai scurte de 1 an, care se repetă cu o frecvență sistematică evidentă, iar biletele pentru fiecare din aceste zboruri sunt puse la dispoziția publicului pentru achiziționare individuală în mod direct de la operatorul aerian și/sau prin agenți autorizați.
ZBORURI NEREGULATE reprezintă zborurile operate în alte condiții decât zborurile regulate, inclusiv acele zboruri efectuate utilizând o aeronavă închiriată în regim charter și operate cu o anumită regularitate.

7.1 Tariful de aterizare
Pentru operatorii aerieni care efectuează zboruri regulate, în funcție de numărul de aterizări efectuate lunar, se aplică reduceri pentru tariful de aterizare, astfel:

Reducere (%)	Nr.de aterizări / lună
35	65-69
40	70-74
45	75-79
50	≥ 80

7.2 Tariful de iluminare
Pentru operatorii aerieni care efectuează zboruri regulate, in funcție de numărul de mișcări efectuate lunar, se aplică reduceri pentru tariful de iluminare astfel:

Reducere (%)	Nr.de miscări pe lună
10	130-139
20	140-149
30	150-159
40	≥160

7.3 Tariful de stationare
Tariful se percepe pentru fiecare oră sau fracţiune de oră de staţionare a aeronavei pe aeroport, cu excepţia primelor 3 ore după aterizare. Fracţiunea de oră se stabileşte la 15 minute.

7.4 Passengers service

For air operators that perform scheduled flights, depending on the volume of passenger traffic per month, discounts are applied for the passenger service charge, as follows:

Total number of passengers per month	Discount (%)
15.000 – 20.000	40
20.001 – 28.000	45
≥28.001	50

NOTE:

The discount is applied to the amount remaining after deducting the charge collected for the supervision of the objectives necessary for the safety of passengers in accordance with the Order of the Minister of Transport no. 7 of 2014.

7.4 Servicii pentru pasageri

Pentru operatorii aerieni care efectuează zboruri regulate, în funcție de volumul de trafic de pasageri pe lună, se aplică reduceri pentru tariful de servicii pentru pasageri, astfel:

Număr total pasageri pe lună	Reducere (%)
15.000 – 20.000	40
20.001 – 28.000	45
≥28.001	50

NOTĂ:

Reducerea se aplică la suma rămasă după deducerea tarifelor colectate pentru supravegherea obiectivelor necesare siguranţei pasagerilor în conformitate cu Ordinul Ministrului Transporturilor nr. 7 din 2014.

AD 2. AERODROMES

LRAR AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRAR - ARAD / Arad

LRAR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	461036N 0211543E RWY centerline.
2	*Direction and distance from city*	3 km West from Arad
3	*Elevation/Reference temperature/mean low temperature*	353 FT (108 M) / 31.0°C / -11.0°C
4	*Geoid undulation at AD ELEV PSN*	140 FT
5	*MAG VAR/ Annual rate of change*	5°E (2019) / 7.0'E
6	*AD Administration, address, telephone, telefax, telex, AFS*	Aeroportul Arad, Arad, România Tel: +40-(0)257-339010 Fax: +40-(0)257-254482 Email: office@aradairport.ro Website: www.aeroportularad.ro Tel: +40-(0)257-254440 Ground Ops Fax: +40-(0)257-254546 Ground Ops Email: ground.op@aradairport.ro AFS: LRARRAYD SITA: ARWAAXH
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	NIL

LRAR AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	H24
2	*Customs and immigration*	H24
3	*Health and sanitation*	H24
4	*AIS Briefing Office*	H24
5	*ATS Reporting Office (ARO)*	H24
6	*MET Briefing Office*	H24
7	*ATS*	H24
8	*Fuelling*	H24
9	*Handling*	H24
10	*Security*	H24
11	*De-icing*	H24
12	*Remarks*	NIL

LRAR AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	747m^2 of storage, dangerous good room, cargo equipments.
2	*Fuel/Oil types*	Fuel: Kerosene TH type JET A1 AVGAZ 100LL Oil: NIL
3	*Fuelling facilities/capacity*	1 refueling truck 14 t
4	*De-icing facilities*	1 de-icing unit with fluid type I and II.
5	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	NIL

LRAR AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in the city.
2	*Restaurants*	Snack bar on the airport, restaurants in the city.
3	*Transportation*	Taxi from the AD.
4	*Medical facilities*	First aid at AD. Hospitals in the city.
5	*Bank and Post Office*	In the city.
6	*Tourist Office*	In the city.
7	*Remarks*	NIL

LRAR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	CAT 7
2	*Rescue equipment*	1 truck of 9000l, 1 truck of 5000l, foam and dry chemical powder.
3	*Capability for removal of disabled aircraft*	Only for code letter B aircraft, wingspan < 24 m. Air Operation Office: +40-(0)257-254440.
4	*Remarks*	NIL

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

1	*Types of clearing equipment*	2 trucks with snow plough or snow blower, 2 tractors with snow plough, RWY deicer spreader.
2	*Clearance priorities*	1. RWY 09/27 2. TWY A 3. APRON 2 4. APRON 1
3	*Use of material for movement area surface treatment*	KAC RWYcleaning de-icing fluid.
4	*Specially prepared winter runways*	NIL
5	*Remarks*	RCR is used for reporting assessed condition through the issuance of SNOWTAM, when necessary. RWY CC are assessed according GRF and transmitted to pilots by TWR Arad. Regarding information on snow clearance published, see the snow plan in section AD 1.2.

LRAR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*		APRON 1	APRON 2
		Surface:	Asphalt	Concrete
		Strength:	6/R/C/W/T	41/R/C/W/T
2	*Taxiway designation, width, surface and strength*		TWY A	
		Width:	18 M	
		Surface:	Concrete	
		Strength:	28/R/C/W/T	
3	*ACL location and elevation*	INS Apron 1 and Apron 2, elevation 352 FT.		
4	*VOR checkpoints*	NIL		
5	*INS checkpoints*	See AD 2.1-22		
6	*Remarks*	NIL		

LRAR 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: 1, 2, 3, 4 and 5. Taxi to stands using TWY A and apron guide lines. Self parking procedures: Stop aircraft at yellow when STOP marking is in line pilot eye at an angle of 90º to the lead in line. Contingency procedures: parking guidance can be provided by marshaller in case of abnormal situation.
2	*RWY and TWY markings and LGT*	RWY: - markings: Designation, THR, TDZ, centre line, edges, aiming point. - lights: THR, centre line, TDZ, edge, END. TWY A: - markings: centre line, holding position marked, enhanced centre line. - lights: centre line, edge.
3	*Stop bars and runway guard lights*	Stop bars lights, guard lights on TWY A.
4	*Other RWY protection measure*	NIL
5	*Remarks*	THR 27 displaced 180M, turn pad on RWY END 27 - markings: centre line, edge line. - lights: centre line, edge, turn pad lights green.

LRAR 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
2	WATER_TOWER	461030.2N 0211414.2E	425/76 FT	- / -	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
7	POLE	461128.0N 0211611.1E	437/89 FT	- / -	
8	OTHER	461016.8N 0211708.7E	459/104 FT	- / -	
12	DOME	461013.5N 0211841.9E	508/144 FT	- / -	
13	WATER_TOWER	461011.2N 0211829.1E	495/132 FT	- / -	
18	OTHER	461029.6N 0211647.6E	381/30 FT	- / -	
20	ANTENNA	461026.2N 0211906.5E	574/205 FT	Marked / LGT R	
25	TOWER	461320.8N 0211943.7E	1023/668 FT	- / -	
26	ANTENNA	461214.8N 0211423.0E	525/172 FT	- / -	
27	ANTENNA	461212.7N 0211905.9E	603/241 FT	- / -	
28	ANTENNA	461554.7N 0213949.6E	1958/395 FT	- / -	
29	ANTENNA	455802.6N 0211253.6E	819/386 FT	Marked / LGT R	
30	ANTENNA	455800.5N 0211257.6E	821/381 FT	Marked / LGT R	
102	NAVAID	461038.2N 0211606.7E	371/20 FT	- / LGT R	
103	NAVAID	461038.0N 0211606.8E	409/58 FT	Marked / LGT R	
105	OTHER	461038.7N 0211603.8E	383/27 FT	- / LGT R	
106	OTHER	461037.7N 0211610.5E	366/14 FT	Marked / LGT R	
210	POLE	461149.6N 0211611.5E	448/100 FT	- / -	
212	POLE	461134.5N 0211611.2E	439/90 FT	- / -	
213	ANTENNA	460907.3N 0211822.5E	496/137 FT	Marked / -	
215	POLE	460851.4N 0211752.5E	478/106 FT	- / -	
216	POLE	460857.7N 0211755.9E	465/102 FT	- / -	
217	POLE	460905.0N 0211760.0E	465/102 FT	- / -	
218	POLE	460908.3N 0211744.8E	464/102 FT	- / -	
219	POLE	460919.0N 0211748.5E	463/102 FT	- / -	
220	POLE	460924.6N 0211800.4E	485/102 FT	- / -	
222	TOWER	460943.8N 0211705.9E	463/105 FT	- / -	
223	TOWER	460944.2N 0211701.9E	496/138 FT	- / -	
224	WASTERWATER_SYSTEM	461021.7N 0211706.3E	414/56 FT	- / -	
225	ANTENNA	461025.3N 0211734.3E	426/72 FT	Marked / -	
226	ANTENNA	461105.3N 0211817.8E	543/186 FT	Marked / LGT R	
227	ANTENNA	461106.8N 0211821.4E	532/176 FT	Marked / LGT R	
228	BUILDING	461212.5N 0211451.8E	470/114 FT	- / -	
229	DOME	461119.6N 0211801.9E	438/84 FT	- / -	

LRSM AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRSM - SATU MARE / Satu Mare

LRSM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	474212N 0225308E Runway center.
2	*Direction and distance from city*	14 km South from Satu Mare
3	*Elevation/Reference temperature/mean low temperature*	413 FT / 30.4°C / -13.8°C
4	*Geoid undulation at AD ELEV PSN*	128 FT
5	*MAG VAR/ Annual rate of change*	5°E (2017) / 7.2'E
6	*AD Administration, address, telephone, telefax, e-mail, AFS, website*	Aeroportul Satu Mare Satu Mare, Şos. Satu Mare - Zalău, km 9.5. Tel: +40-(0)261-768640; +40-(0)261-768846 Fax: +40-(0)261-768776 AFS: LRSMRAYD
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	NIL

LRSM AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	W: 0500 - 1700; S: 0400 - 1600 Days of operation: Monday - Saturday
2	*Customs and immigration*	As AD Administration
3	*Health and sanitation*	As AD Administration
4	*AIS Briefing Office*	NIL
5	*ATS Reporting Office (ARO)*	As AD Administration
6	*MET Briefing Office*	As AD Administration
7	*ATS*	As AD Administration
8	*Fuelling*	As AD Administration
9	*Handling*	As AD Administration
10	*Security*	H24
11	*De-icing*	As AD Administration
12	*Remarks*	Outside these hours, services are available O/R. Request to be submitted to the AD with 24 hours in advance.

LRSM AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	2 tractors, 6 carts, 1 loading belt, 1 forklift
2	*Fuel/Oil types*	JET A1 / NIL
3	*Fuelling facilities/capacity*	JET A1 - 1 refueling truck 20000 l
4	*De-icing facilities*	1 de-icing unit with 600l water and 400l fluid type II
5	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	Handling services available within AD hours, or by arrangement with the AD.

LRSM AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in the city.
2	*Restaurants*	Snack bar on the airport, restaurants in the city.
3	*Transportation*	Buses, taxis from the AD.
4	*Medical facilities*	First aid at AD. Hospitals in the city.
5	*Bank and Post Office*	Bank and Post Office in the city.
6	*Tourist Office*	In the city.
7	*Remarks*	NIL

LRSM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	Within AD HR: CAT 5, O/R CAT 7 not later than 24 hours before.
2	*Rescue equipment*	NIL
3	*Capability for removal of disabled aircraft*	NIL
4	*Remarks*	NIL

LRSM AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	*Types of clearing equipment*	1 snow blower, 2 snow ploughs, 1 snow brush, 1 brush
2	*Clearance priorities*	1. RWY 01/19 and associated TWY to Apron 2. Apron 3. ACFT stands
3	*Remarks*	Information on snow clearance published from November-April in NOTAM (SNOWTAM). See also the snow plan in section AD 1.2.2

LRSM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*	Surface: Strength:	Concrete PCN 61/R/C/W/T		
2	*Taxiway designation, width, surface and strength*	Width: Surface: Strength:	23 M Concrete PCN 61/R/C/W/T		
3	*ACL location and elevation*	Location: Elevation:	Apron 407FT(124M)	THR01 413FT(126M)	THR19 406FT(124M)
4	*VOR checkpoints*	NIL			
5	*INS checkpoints*	See AD 2.12-22			
6	*Remarks*	RWY turning bay:	Location: THR 01, THR 19 Surface: Asphalt Dimensions: 100 M x 15 M Strength: PCN 61/R/C/W/T		

LRSM 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*	Taxiing guidance signs at intersection with TWY. Mandatory instructions markings. Guide lines at apron.
2	*RWY and TWY markings*	RWY: Designation, THR, TDZ, centre line, edges, aiming point; TWY: Centre line, holding position at TWY/RWY intersection, edges marked;
3	*Stop bars*	Red stop bar on TWY A
4	*Remarks*	NIL

LRSM 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
6	Antenna	474243.6N 0225324.3E	425/21 FT	MARKED/LGTD R	
8	Antenna	475115.4N 0225829.6E	856/446 FT	NIL	
9	Antenna	475117.8N 0225824.3E	862/452 FT	NIL	
10	Antenna	474240.8N 0225312.0E	414/9 FT	MARKED/LGTD R	
11	Antenna	474240.4N 0225311.2E	439/35 FT	MARKED/LGTD R	
12	Antenna	474239.9N 0225311.0E	440/36 FT	MARKED/LGTD R	

LRSB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LRSB - SIBIU / Sibiu

LRSB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	454709N 0240508E Runway centre.
2	*Direction and distance from city*	270°, 3 km from Sibiu.
3	*Elevation/Reference temperature*	1520 FT / 27.7°C
4	*Geoid undulation*	138 FT
5	*MAG VAR/ Annual rate of change*	5°E (2010)
6	*AD Administration, address, telephone, telefax, e-mail, AFS, website*	Aeroportul International Sibiu Şos. Alba Iulia, nr. 73, Sibiu, cod 550052 Tel: +40-(0)269-253135 Fax: +40-(0)269-253131; +40-(0)269-253047 AFS: LRSBRAYD
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	NIL

LRSB AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	H24
2	*Customs and immigration*	H24
3	*Health and sanitation*	H24
4	*AIS Briefing Office*	H24
5	*ATS Reporting Office (ARO)*	H24
6	*MET Briefing Office*	H24
7	*ATS*	H24
8	*Fueling*	H24
9	*Handling*	H24
10	*Security*	H24
11	*De-icing*	H24
12	*Remarks*	NIL

LRSB AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	5 tractor for equipments, 20 trailers, 1 dollies pallet, 3 self-propeller conveyor-belt loader, 4 self-propeller stairs, 2 tractable stairs, 1 highloader, 1 forklift.
2	*Fuel/Oil types*	Kerosene JET A1 / NIL AVGAS 100LL / NIL
3	*Fueling facilities/capacity*	Kerosene JET A1: 1 refueling truck of 20t / storage depot of 100 m^3 AVGAS 100LL: 1 unit 8m^3
4	*De-icing facilities*	Two units with liquid killfrost type ABC II plus minimal rate 120L/min
5	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	3 GPU units 115V and 28V~~, 1 GPU unit with 28V~~ 1 self-propeller lavatory service vehicle, 1 tractable lavatory service unit 1 self-propeller portable water vehicle, 1 tractable potable water unit 1 cabin/engine heater equipment 1 air start unit

LRSB AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in the city.
2	*Restaurants*	Restaurant, snack bar on the AD, HO
3	*Transportation*	Buses, taxis and airport shuttle bus.
4	*Medical facilities*	1 ambulance and first aid on the AD. Hospitals in the city
5	*Bank and Post Office*	In the city.
6	*Tourist Office*	At the AD.
7	*Remarks*	NIL

LRSB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	Within AD HR: CAT 7.
2	*Rescue equipment*	1 rescue equipment type HOLMATRO
3	*Capability for removal of disabled aircraft*	NIL
4	*Remarks*	NIL

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

1	*Types of clearing equipment*	2 trucks with brush, blade and snowblower, 1 autospreader de-icing, 1 truck with brush and snowblower, 3 small trucks with blade, cup and spreader de-icing.
2	*Clearance priorities*	1. RWY 09/27 2. TWY 3. Apron
3	*Use of material for movement area surface treatment*	Generic fluids and solid materials used for runway de/anti-icing are KAC (sodium formate) and NAAC (ammonium nitrate).
4	*Specially prepared winter runways*	NIL
5	*Remarks*	Information about Runway surface condition in Global Reporting Format published by SNOWTAM. See also the snow plan in section AD 1.2.

LRSB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*	APRON 1 APRON 2 Surface: Concrete Concrete Strength: 110/R/D/W/T 56/R/D/W/T
2	*Taxiway designation, width, surface and strength*	Width: TWY E: 25 M ; TWY W, N: 18 M Surface: Concrete Strength: TWY E: 110/R/D/W/T, TWY W, N: 56/R/D/W/T
3	*ACL location and elevation*	Location: APRON1 Elevation: 1451 FT
4	*VOR checkpoints*	NIL
5	*INS checkpoints*	See Aircraft parking chart AD 2.13-22
6	*Remarks*	RWY turning bay: Location THR 09 and THR 27 Surface: Concrete Dimensions: 15M x 100M Strength : 110/R/D/W/T

LRSB 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*	Taxiing guidance signs at intersection with TWY and RWY, at holding positions; guide lines on the apron.
2	*RWY and TWY markings and LGT*	RWY - markings: color white; designation, THR, TDZ, centre line, aiming point, edges, RWY end marked as appropriate. - lights: runway edges lights, THR lights, runway end lights, wing bar lights, runway centerline lights, TDZ lights on RWY 27, STOPWAY lights on RWY 09. TWY E, W - markings: color yellow; centre line, runway holding position, edges, enhanced centerline, runway designator marking. - lights: centerline lights, taxiway edges lights, stop bar lights, runway guard lights. TWY N - markings: color yellow; centre line, edges. - lights: centerline lights, taxiway edges lights.
3	*Stop bars*	Red stop bars at all intersections of TWYs with RWY.
4	*Remarks*	Illuminated wind direction indicators are located adjacent to TDZ of RWY 27 and RWY 09.

LRSV AD 2.1 AERODROME LOCATION INDICATOR AND NAME

LRSV - SUCEAVA / Ştefan cel Mare - Suceava

LRSV AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	474111N 0262116E Runway center.
2	*Direction and distance from city*	8 km East from Suceava
3	*Elevation//Reference temperature/ Mean low temperature*	1375 FT / 27.1°C / -13.2°C
4	*Geoid undulation at AD ELEV PSN*	112 FT
5	*MAG VAR /Annual rate of change*	6°E (2015) / 7'E
6	*AD Administration, address, telephone, telefax, e-mail, AFS, website*	Aeroportul SUCEAVA / Ştefan cel Mare - Suceava, Romania Tel.: +40-(0)230-529999; +40-(0)230-529962 +40-(0)230-529621 Fax: +40-(0)230-529999; +40-(0)230-529621 AFS: LRSVRAYD E-mail: office@aeroportsuceava.ro Web: www.aeroportsuceava.ro
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	NIL

LRSV AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	H24
2	Customs and immigration	As AD Administration
3	*Health and sanitation*	As AD Administration.
4	*AIS Briefing Office*	H24, see GEN 3.1-5.
5	*ATS Reporting Office (ARO)*	H24, see ENR 1.10-2.
6	*MET Briefing Office*	H24
7	*ATS*	H24
8	*Fuelling*	As AD Administration.
9	*Handling*	As AD Administration.
10	*Security*	H24
11	*De-icing*	As AD Administration
12	*Remarks*	NIL

LRSV AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	2 baggage tractors, 20 baggage carts, 2 GPU 28,5 VDC units, 2 GPU 115 VAC/400Hz & 28,5 VDC, 1 air starter unit, 1 aircraft heater, 1 self propelled lavatory service vehicle, 1 self propelled potable water vehicle, 3 towed passenger stair, 1 self propelled telescopic passenger stair, 2 self propelled conveyor belt loader, 1 aircraft towing/push-back tractor, 1 ambulift.
2	*Fuel/Oil types*	JET A1, AVGAS / NIL
3	*Fuelling facilities/capacity*	Refueling equipments: JET A1 - 810 L/min. AVGAS - 80-100 L/min Storage: JET A1 - 50000 L AVGAS - 35000 L
4	*De-icing facilities*	2 de-icing/anti-icing vehicles with type II liquid.
5	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	NIL

LRSV AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in the city.
2	*Restaurants*	Snack bar on the airport, restaurants in the city.
3	*Transportation*	Buses, taxis from the AD, rent-a-car office at the AD.
4	*Medical facilities*	Ambulance and first aid on the AD. Hospitals in the city.
5	*Bank and Post Office*	In the city.
6	*Tourist Office*	In the city.
7	*Remarks*	NIL

LRSV AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

LRSV AD 2.7 RUNWAY SURFACE CONDITION ASSESMENT AND REPORTING, AND SNOW PLAN

1	*Types of clearing equipment*	3 snow plough with brush and sweeper blower, 1 tractor with plough, brush and spreader for solid de-icing materials, 1 tractor with spreader for liquid de-icing materials, 3 snow blowers.
2	*Clearance priorities*	Fire station, TWY A, TWY B towards RWY, Apron 1, TWY D, APRON 2 and other TWY and surfaces.
3	*Use of material for movement area surface tratment*	LSRV is using KFOR and UREA as deicing substances.
4	*Specially prepared winter runways*	NIL
5	*Remarks*	Information about Runway surface condition in Global Reporting Format published by SNOWTAM. See also the snow plan in section AD 1.2.

LRSV AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*		APRON 1	APRON 2
		Surface:	Concrete	Concrete
		Strength:	73/R/A/W/T	5.7 t
2	*Taxiway designation, width, surface and strength*	Width:	TWY A, B, C:	23 M
			TWY D:	10.5 M
		Surface:	TWY A, B:	Asphalt
			TWY C:	Concrete
		Strength:	TWY A, B:	110/F/C/W/T
			TWY C:	73/R/A/W/T
			TWY D:	5.7 t
3	*ACL location and elevation*	NIL		
4	*VOR checkpoints*	NIL		
5	*INS checkpoints*	INS1: 474112.86N 0262105.06E INS2: 474112.50N 0262103.32E INS3: 474111.43N 0262105.70E INS4: 474111.08N 0262103.95E INS5: 474109.36N 0262105.61E INS6: 474106.91N 0262106.71E INS5A: 474107.18N 0262106.36E INS7: 474117.40N 0262058.89E INS8: 474116.17N 0262059.64E		
6	*Remarks*	RWY turning bay:	Location: THR 16, THR 34 Surface: Asphalt Dimensions: 117 M x 33 M Strength: 110/F/C/W/T	

LRSV 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*	Taxiing guidance signs at intersection with TWY, guide lines on the apron. Mandatory instructions Marshaller signals.
2	*RWY and TWY markings and LGT*	RWY: - markings: designation, THR, TDZ, centre line, edge lines, aiming point. - lights: THR, center line, TDZ, Edge, END, displaced THR. TWY A, B: - markings: centre line, holding position , edge line. - lights: edge, center line. TWY C: - markings: centre line, edge line. - lights: edge on East Side. TWY D: - markings: centre line, holding position, edge line, intermediate holding position. - lights: edge, intermediate holding position.
3	*Stop bars*	Red stop bar on TWY A Red stop bar on TWY B
4	*Other runway protection measures*	Mandatory instruction signs on TWY A, B, C, D.
5	*Remarks*	THR 34 displaced 420 m

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

LRTM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	462804N 0242445E Runway centre.
2	*Direction and distance from city*	225°, 14 km from Târgu Mureş.
3	*Elevation/Reference temperature/Mean low temperature*	963 FT / 29.6°C / -14.4°C
4	*Geoid undulation at AD ELEV PSN*	129 FT
5	*MAG VAR/ Annual rate of change*	5°E (2015) / 2.4'E
6	*AD Administration, address, telephone, telefax, e-mail, AFS, website*	Aeroportul Târgu Mureş/Transilvania, Loc. Vidrasău, Oraş Ungheni, cod 547612 Tel: + 40-(0)265-328888 (Office) + 40-(0)265-328259 (Information) Telefax: + 40-(0)265-263050 (Operations) + 40-(0)265-328258 (Handling) Fax: + 40-(0)265-328257 (Office) e-mail: office@transylvaniaairport.ro operations@transylvaniaairport.ro handling@transylvaniaairport.ro web: www.transylvaniaairport.ro AFS: LRTMRAYD SITA: TGMYDXH
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	Helicopter flights permitted.

LRTM AD 2.3 OPERATIONAL HOURS

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

LRTM AD 2.4 HANDLING SERVICES AND FACILITIES

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

LRTM AD 2.5 PASSENGER FACILITIES

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

LRTM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

LRTM AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

LRTM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

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

LRTM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

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

LRTM AD 2.10 AERODROME OBSTACLES

In Area 2

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

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 / 31.2°C / -11.2°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, 307210 Ghiroda, România Call Center: + 40-(0)256-386089 Fax: + 40-(0)256-490705 Tel/Fax Dispecerat: + 40-(0)256-493123 e-mail: office@aerotim.ro AFS: LRTRRAYD SITA: TSRAP8X Website: www.aerotim.ro
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	For operational (OPS) requests, use e-mail dispatch@aerotim.ro (H24).

LRTR AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	H24
2	*Customs and immigration*	H24
3	*Health and sanitation*	H24
4	*AIS Briefing Office*	H24, see GEN 3.1-5.
5	*ATS Reporting Office (ARO)*	H24, see ENR 1.10-2.
6	*MET Briefing Office*	H24
7	*ATS*	H24
8	*Fuelling*	H24
9	*Handling*	H24
10	*Security*	H24
11	*De-icing*	H24
12	*Remarks*	Notification, on requested services, shall be 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.
4	*Remarks*	NIL

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

1	*Types of clearing equipment*	1 snow blower, 3 tractors with snow ploughs, 2 trucks/plugs/spreaders for liquid/solid de-icing materials
2	*Clearance priorities*	1. RWY 11/29 including RWY 11 END turn pad and access road from the fire station. 2. TWY's A, B, C and L. 3. Apron.
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: Concrete Strength: 35/R/B/W/T
2	*Taxiway designation, width, surface and strength*	Width: 23 M (A,B,L), 33 M (C) Surface: Asphalt (A,B), Concrete (C,L) Strength: 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: At Apron. Elevation: 341 FT / 104 M
4	*INS checkpoints*	INS: See AD 2.16-22
5	*Remarks*	RWY turning bay: Location: RWY 11 END Surface: Concrete Dimensions: 100 M x 27 M Strength: 45/R/D/W/T TWY P – available for towed aircrafts only. TWY D and TWY E – available for military traffic only.

LRTR AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

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

LRTR 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
11	ALSF II 900M LIH	Green WBAR	PAPI Left/3° (66 FT)	White, 900M	2600M, 15M, White, LIH 600M, 15M, Red/White, LIH, 300M, 15M, Red, LIH	2900M, 60M, White, LIH 600M, 60M, Yellow, LIH	Red -	NIL	Turn pad lights Green
29	ALSF II 900M LIH	Green WBAR	PAPI Left/3° (57 FT)	White, 900M	2600M, 15M, White, LIH 600M, 15M, Red/White, LIH, 300M, 15M, Red, LIH	2900M, 60M, White, LIH 600M, 60M, Yellow, LIH	Red -	NIL	RWY 29, LED lights used in the full length of the ALS

LRTR 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 91°, 483 M THR 11, LGT. 271°, 445 M THR 29, LGT.
3	*TWY edge and centre line lighting*	TWY A: centre line green/yellow 15M/7.5M, RWY holding position, blue edge lights. TWY B (exit only): centre line green/yellow 15M/7.5M, blue edge lights. TWY C: centre line green/yellow 15M/7.5M, RWY holding position, blue edge lights. TWY L: centre line green 15M , blue edge lights. Intensity 10, 30, 100 %.
4	*Secondary power supply/switch-over time*	Secondary power supply to all lighting on the AD. Switch-over time 1 sec.
5	*Remarks*	Apron floodlights

LRTR AD 2.16 HELICOPTER LANDING AREA

1	*Co-ordinates TLOF or THR of FATO* *Geoid undulation*	NIL 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

LRTR AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	TIMIŞOARA CTR 455716N 0210806E - 454717N 0210258E - 453954N 0213226E - 454952N 0213732E - 455716N 0210806E
2	*Vertical limits*	GND to 2500 FT AMSL
3	*Airspace classification*	C
4	*ATS unit call sign* *Language(s)*	Timişoara TWR English, Romanian
5	*Transition altitude*	9000 FT (2750 M) AMSL
6	*Hours of applicability*	H24
7	*Remarks*	NIL

LRTR 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
APP	Arad Approach	123.530 126.350 MHz ALTN	NIL	NIL	H24	Exempted 8.33 kHz State aircraft.
TWR	Timişoara Tower	120.105 129.450 MHz ALTN 121.500 MHz EMERG	NIL	NIL	H24	NIL
Ground control	Timişoara Ground	121.600 MHz	NIL	NIL	H24	NIL
ATIS	Timişoara ATIS	123.125 MHz	NIL	NIL	H24	NIL

LRTR 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
LOC 29 (5°E/2017) ILS CAT III	ITR	109.300 MHz	H24	454859.1N 0211842.0E		Front course angle 3,12°, No back course.
GP 29	-	332.000 MHz	H24	454816.2N 0212115.7E		GP Angle 3°, ILS RDH 56 FT
DME	ITR	109.300 MHz CH 30X	H24	454816.3N 0212115.9E	400 FT	
LOC 11 (5°E/2017) ILS CAT III	ITS	110.900 MHz	H24	454813.7N 0212142.6E		Front course angle 3,28°, No back course.
GP 11	-	330.800 MHz	H24	454854.7N 0211915.1E		GP Angle 3°, ILS RDH 55 FT
DME	ITS	110.900 MHz CH 46X	H24	454855.0N 0211915.4E	300 FT	
NDB(LM)	TIM	338 KHz	H24	454804.7N 0212218.4E		106° MAG / 0.57 NM from THR 29
NDB(LO)	TA	378 KHz	H24	455012.6N 0211354.7E		286° MAG / 3.73 NM from THR 11
NDB(LM)	TSR	408 KHz	H24	454904.75N 0211819.46E		286° MAG / 0.51 NM from THR 11 Coverage 50NM (declared)

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 Parking of aircraft at the stand is performed according to the signals of marshaller.

Aircraft may leave nose-in positions (01-07, and 09-14) by the aid of pushback equipment, or using self power back.

When LVP are in operations self power back is not permitted.

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 Parcarea aeronavelor la standuri se face cu respectarea semnalelor marshallerului.

Aeronavele vor ieşi din poziţiile nose-in (01-07 şi 09-14) cu ajutorul echipamentului de tractare/împingere aeronave, sau prin propulsie proprie.

În perioada aplicării procedurilor de vizibilitate redusă, ieşirea din poziţia de parcare prin propulsie proprie, nu este permisă.

2. Standard Taxi Routes / Rutele Standard de Rulare

2.1 Arrival information

Arrival on	Instruction given by ATC				Taxiway to be followed	Remarks: Only for this aircraft category (in compliance with Annex 14 ICAO)
		Name of the Standard Taxi Route				
RWY 11 or RWY 29	Taxi via standard taxi route	Arrival 1A	To Apron	Stand number 1…14	TWY A	a/c Cat A, B, C, D (wing span < 52m)
		Arrival 1B			TWY B	a/c Cat A, B, C, D (wing span < 52m) and ACN ≤ 37
		Arrival 1C			TWY C, TWY L	a/c Cat A, B, C (wing span < 36m)

2.2 Departure Information

Departure from	Instruction given by ATC					Taxiway to be followed	Remarks: Only for this aircraft category (in compliance with Annex 14 ICAO)
		Name of the Standard Taxi Route					
Apron	Taxi via standard taxi route	Departure 1A	To holding point	A	RWY 11	TWY A	a/c Cat A,B,C,D (wing span<52m)
		Departure 1B		C		TWY L, TWY C, turn left, taxi to the end of RWY and line-up THR	a/c Cat A,B,C (wing span<36m)
Apron	Taxi via standard taxi route	Departure 1C	To holding point	A	RWY 29	TWY A, turn right, taxi to the end of RWY and line-up THR	a/c Cat A,B,C,D (wing span<52m)
		Departure 1D		C		TWY L, TWY C, turn right, taxi to the end of RWY and line-up THR	a/c Cat A,B,C (wing span<36m)

LRTR AD 2.21 NOISE ABATEMENT PROCEDURES

See AD 1.1-3

LRTC AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRTC - TULCEA / Delta Dunării

LRTC AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP co-ordinates and site at AD*	450346N 0284252E Runway centre.
2	*Direction and distance from city*	13 km South from Tulcea.
3	*Elevation/Reference temperature/Mean low temperature*	200 FT / 30.9°C / -11.4°C
4	*Geoid undulation at AD ELEV PSN*	105 FT
5	*MAG VAR/ Annual rate of change*	6°E (2019) / 7.2'E
6	*AD Administration, address, telephone, telefax, e-mail, AFS, website*	R. A. AEROPORTUL "DELTA DUNĂRII" TULCEA, Şos. Tulcea-Constanţa Km 15, OP nr.1, CP 76, Loc. Tulcea, Judeţul Tulcea, România Tel: +40-(0)240-512910; +40-(0)240-513552 Fax: +40-(0)240-511040; Tel/Fax TWR: +40-(0)240-511581 AFS: LRTCRAYD e-mail: office@aeroportul-tulcea.ro; ops@ aeroportul-tulcea.ro; handling@aeroportul-tulcea.ro web: www.aeroportul-tulcea.ro
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	NIL

LRTC AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	W: 0530 - 1730; S: 0430 - 1630
2	*Customs and immigration*	H24
3	*Health and sanitation*	H24
4	*AIS Briefing Office*	See GEN 3.1-5
5	*ATS Reporting Office (ARO)*	See ENR 1.10-2
6	*MET Briefing Office*	As AD Administration
7	*ATS*	As AD Administration
8	*Fuelling*	W: 0530 - 1730; S: 0430 - 1630
9	*Handling*	As AD Administration
10	*Security*	As AD Administration
11	*De-icing*	W: 0530 - 1730; S: 0430 - 1630
12	*Remarks*	Outside the operational hours services are available O/R, submitted to the AD not later than 1300.

LRTC AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	1 truck 1.5 t, 1 tractor 5 t, 1 GPU 115V AC 400HZ/28V DC/90KVA type GPU-4090-T-CUP, 1 GPU 28V DC/20KVA type GPU-600-S 6883 A-2, 1 ASU type ASU-600-150, 1 ACE type ACE302-H-cup, 1 water supply type WSC 300, 1 lavatory equipment type LSC 100/300, 1 towbar type DPTB 033/B737, 1 towbar AN24/AN26, 1 conveyor belt A/C type NBL, 1 passenger stair type DANGE-PPS 30, 2 passenger stairs (H.max 4.9m H.min 2.8m), 1 towing tractor type TMX-150/12t, 10 baggage carts type BT 1500, 1 follow-me car, one airport surface friction tester ASFT/T10.
2	*Fuel/Oil types*	Kerosene JET A1, AVGAS 100LL/NIL
3	*Fuelling facilities/capacity*	Store house fuel/100t for JET A1, 30t FOR avgas 100LL. Skid on apron JET A1/200L per min. Skid on apron AVGASS 100LL/200L per min.
4	*De-icing facilities*	1 de-icing/anti-icing unit type Typhoon: capacity of de-icing tank 3500L, capacity of anti-icing tank 1800L, maximum working height 13.35M, fluid type II.
5	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	NIL

LRTC AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in the city.
2	*Restaurants*	Snack bar on the AD.
3	*Transportation*	Buses and minibuses at AD.
4	*Medical facilities*	First aid on the AD. Hospitals in the city.
5	*Bank and Post Office*	In the city.
6	*Tourist Office*	In the city.
7	*Remarks*	NIL

LRTC AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	Within AD HR: CAT 7
2	*Rescue equipment*	According to ICAO Airport Services Manual, Table 5.2
3	*Capability for removal of disabled aircraft*	1 tractor, B 737, A-320, A-321
4	*Remarks*	NIL

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

1	*Types of clearing equipment*	1 snow blower, 1 plough, 1 spreader for liquid de-icing materials, 1 equipment with brush.
2	*Clearance priorities*	1. RWY 34 2. TWY 3. Apron
3	*Use of material for movement area surface treatment*	Generic fluids and solid materials used for runway de/anti-icing are KAC (potassium acetate fluids) and NAAC (sodium acetate solids).
4	*Specially prepared winter runways*	NIL
5	*Remarks*	Information about Runway surface condition in Global Reporting Format published by SNOWTAM. See also the snow plan in section AD 1.2.

LRTC AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*	Surface: Strength:	Concrete 54/R/C/W/T Stands 1, 2, 3 71/R/C/W/T Stands 4, 5
2	*Taxiway designation, width, surface and strength*	Width: Surface: Strength:	TWY A: 24 M TWY B: 18 M TWY A, TWY B: Concrete TWY A: 52/R/C/W/T TWY B: 54/R/C/W/T
3	*ACL location and elevation*	NIL	
4	*VOR checkpoints*	NIL	
5	*INS checkpoints*	INS1: 450354.83N 0284259.00E INS2: 450352.49N 0284259.73E INS3: 450351.84N 0284259.87E INS4: 450350.16N 0284302.68E INS5: 450349.19N 0284302.98E	
6	*Remarks*	RWY turning bay:	Location: THR 16, THR 34 Surface: Asphalt Dimensions: 100 M x 20 M Strength:THR 16 - 61/F/C/W/T THR 34 - 135/F/C/W/T

LRTC 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*	Taxiing guidance signs at intersections with TWY, guide lines on the apron. Mandatory instructions markings. Self manoeuvring is in operation for Stands numbered 1-5.
2	*RWY and TWY markings and LGT*	RWY: - markings: designation, THR, TDZ, centre line, aiming point, edges, RWY end. - lights: runway edges lights, THR lights, runway end lights, wing bar lights, runway centerline lights, TDZ lights on RWY 34. TWY: - markings: centre line, runway holding position, edges, enhanced centerline, runway designator marking. - lights: centerline lights, taxiway edges lights, stop bar lights, runway guard lights.
3	*Stop bars*	Red stop bar and runway guard lights at holding position.
4	*Remarks*	THR 34 displaced 67 M.