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Publication Date: **16 OCT 2025**

Effective Date: **27 NOV 2025**

AIRAC AIP AMDT
13
27 NOV 2025

AIRAC AIP AMENDMENT 13/25

I. **Content**

GEN - record of AIP Supplements updated.

AD - LROD - AD regulations updated.
- LRSV - low visibility procedures updated.
- LRCD - AD regulations updated.
- LRPW - change of operational hours.
- LRHR - update of RWY, TWY and APRON strength.
- LRCR - new VFR aerodrome BRASOV/Corona.

II.

Insert the following new pages and/or charts:		**Destroy the following pages and/or charts:**	
GEN 0.3-1	27 NOV 2025	GEN 0.3-1	30 OCT 2025
GEN 0.3-2	27 NOV 2025	GEN 0.3-2	30 OCT 2025
GEN 0.4-1	27 NOV 2025	GEN 0.4-1	30 OCT 2025
GEN 0.4-2	27 NOV 2025	GEN 0.4-2	30 OCT 2025
GEN 0.4-3	27 NOV 2025	GEN 0.4-3	30 OCT 2025
GEN 0.4-4	27 NOV 2025	GEN 0.4-4	30 OCT 2025
GEN 0.4-5	27 NOV 2025	GEN 0.4-5	30 OCT 2025
GEN 0.4-6	27 NOV 2025	GEN 0.4-6	30 OCT 2025
GEN 0.4-7	27 NOV 2025	GEN 0.4-7	30 OCT 2025
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GEN 2.2-17	27 NOV 2025	GEN 2.2-17	20 JUN 2019
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AD 2.2-51	27 NOV 2025	AD 2.2-51	30 OCT 2025
AD 2.2-52	27 NOV 2025	AD 2.2-52	30 OCT 2025

II.

Insert the following new pages and/or charts:		**Destroy the following pages and/or charts:**	
AD 2.11-9	27 NOV 2025	AD 2.11-9	04 SEP 2025
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III. **Amend RECORD OF AIP AMDT (GEN 0.2) accordingly.**

IV. **Information contained in the following NOTAM is incorporated in AIRAC AIP AMDT 13/25:**
A5225/25, A5232/25, A5372/25.

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 01/23	SATU MARE / Satu Mare Airport Local Aerodrome Regulations	AD 2.12	**from:** 23 FEB 2023 **to:** announced by NOTAM or SUP	
AIRAC 03/24	BUCUREȘTI FIR - Alexandru Odobescu wind farms under construction	ENR 5.4, AD 2.4, AD 2.5, AD 2.8	**from:** 28 NOV 2024 **to:** 30 NOV 2026 EST	
AIRAC 04/24	BUCUREȘTI FIR - Gurbănești wind farm under construction	ENR 5.4, AD 2.4, AD 2.5	**from:** 28 NOV 2024 **to:** 30 NOV 2026 EST	
AIRAC 05/24	BUCUREȘTI FIR - Hârlău wind farm under construction	ENR 5.4, AD 2.14	**from:** 28 NOV 2024 **to:** 30 NOV 2026 EST	
AIRAC 06/24	BUCUREȘTI FIR - Deleni 1 wind farm and Scobinți wind farm under construction	ENR 5.4, AD 2.10	**from:** 28 NOV 2024 **to:** 30 NOV 2026 EST	
AIRAC 08/24	BUCUREȘTI FIR - Casimcea 1 wind farm and Casimcea 2 wind farm under construction	ENR 5.4, AD 2.8	**from:** 28 NOV 2024 **to:** 30 NOV 2026 EST	
AIRAC 09/24	BUCUREȘTI FIR - Cerchezu wind farm under construction	ENR 5.4, ENR 6-2, AD 2.8	**from:** 26 DEC 2024 **to:** 30 DEC 2026 EST	
~~AIRAC 10/24~~	~~BUCUREȘTI FIR - Cobadin wind farm and Pietreni wind farm under construction~~	~~ENR 5.4, AD 2.8~~	~~**from:** 26 DEC 2024~~ ~~**to:** 30 NOV 2026 EST~~	~~AIRAC AIP SUP 18/25~~
01/25	CLUJ NAPOCA / Avram Iancu Airport, airport development charge.	GEN 4.1	**from:** 20 FEB 2025 **to:** 31 DEC 2028	
AIRAC 02/25	BUCUREȘTI FIR - Beidaud Eolian wind farm under construction	ENR 5.4, AD 2.8	**from:** 20 MAR 2025 **to:** 31 DEC 2026 EST	
03/25	BAIA MARE / Maramureş Airport, rescue and fire fighting services	AD 2.3	**from:** 20 MAR 2025 **to:** 31 DEC 2027 EST	
AIRAC 03/25	BUCUREȘTI FIR - Dumești and Românești Wind Farms under construction	ENR 5.4, AD 2.10	**from:** 17 APR 2025 **to:** 31 DEC 2026 EST	
04/25	BUCUREȘTI / Băneasa-Aurel Vlaicu Airport, temporary changes of charges.	GEN 4.1	**from:** 17 APR 2025 **to:** 31 DEC 2027	
AIRAC 07/25	BUCUREȘTI FIR - Schela MTS Wind Farm under construction	ENR 5.4, AD 2.10	**from:** 12 JUN 2025 **to:** 30 JUN 2027 EST	
AIRAC 08/25	BUCUREȘTI FIR - Beidaud 2 Wind Farm under construction	ENR 5.4, AD 2.17	**from:** 12 JUN 2025 **to:** 30 JUN 2027 EST	
AIRAC 09/25	BUCUREȘTI FIR - Siminoc Wind Farm under construction	ENR 5.4, AD 2.8	**from:** 10 JUL 2025 **to:** 31 DEC 2026 EST	
AIRAC 10/25	BUCUREȘTI FIR - Bărăganu Wind Farm under construction.	ENR 5.4, AD 2.8	**from:** 10 JUL 2025 **to:** 31 MAY 2027 EST	
AIRAC 12/25	BUCUREȘTI FIR - Cogealac Wind Farm under construction.	ENR 5.4, AD 2.8	**from:** 10 JUL 2025 **to:** 30 JUN 2027 EST	

1	2	3	4	5
AIRAC 13/25	BUCUREȘTI FIR - Cilibia 1, Cilibia 2 and Gălbinași Wind Farms under construction.	ENR 5.4, AD 2.4, AD 2.5, AD 2.8	**from:** 02 OCT 2025 **to:** 31 DEC 2027 EST	
AIRAC 14/25	BUCUREȘTI FIR - Țăndărei Solar wind farm under construction.	ENR 5.4, AD 2.4, AD 2.5, AD 2.8	**from:** 02 OCT 2025 **to:** 30 NOV 2026 EST	
AIRAC 15/25	BUCUREȘTI FIR - Chirnogeni Wind Farm under construction.	ENR 5.4, AD 2.8	**from:** 30 OCT 2025 **to:** 31 DEC 2027 EST	
AIRAC 16/25	BUCUREȘTI FIR - Rugăria Eolian wind farm under construction.	ENR 5.4, ENR 6-2, AD 2.2	**from:** 30 OCT 2025 **to:** 31 DEC 2026 EST	
05/25	IAȘI / Iași Airport, airport development charge.	GEN 4.1	**from:** 30 OCT 2025 **to:** 31 DEC 2025	
AIRAC 17/25	BUCUREȘTI FIR - Deleni Wind Farm under construction	ENR 5.4, AD 2.8	**from:** 27 NOV 2025 **to:** 31 DEC 2027 EST	
AIRAC 18/25	BUCUREȘTI FIR - Cobadin Wind Farm and Pietreni Wind Farm under construction	ENR 5.4, AD 2.8	**from:** 27 NOV 2025 **to:** 30 NOV 2026 EST	

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AD 2.15-92	15 MAY 2025	AD 2.17-7	03 OCT 2024	AD 2.25-1	16 AUG 2018
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AD 2.16-4	18 JUL 2019	AD 2.17-21	03 OCT 2024	AD 2.26-4	18 APR 2024
AD 2.16-5	18 JUL 2019	AD 2.17-22	03 OCT 2024	AD 2.26-20	11 JUL 2024
AD 2.16-6	05 OCT 2023	AD 2.17-25	03 OCT 2024	AD 2.26-40	18 APR 2024
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AD 2.16-8	10 JUL 2025	AD 2.17-51	17 APR 2025	AD 2.27-2	21 MAY 2020
AD 2.16-9	07 AUG 2025	AD 2.17-51a	17 NOV 2011	AD 2.27-3	21 MAY 2020
AD 2.16-10	07 AUG 2025	AD 2.17-81	17 APR 2025	AD 2.27-4	18 APR 2024
AD 2.16-11	07 AUG 2025	AD 2.17-81a	05 DEC 2019	AD 2.27-20	21 MAY 2020
AD 2.16-12	07 AUG 2025	AD 2.18-1	27 NOV 2025	AD 2.27-40	18 APR 2024
AD 2.16-13	07 AUG 2025	AD 2.18-2	15 JUL 2021	AD 2.28-1	25 JAN 2024
AD 2.16-14	07 AUG 2025	AD 2.18-3	15 JUL 2021	AD 2.28-2	10 AUG 2023
AD 2.16-15	30 NOV 2023	AD 2.18-4	27 NOV 2025	AD 2.28-3	22 FEB 2024
AD 2.16-20	07 AUG 2025	AD 2.18-5	27 NOV 2025	AD 2.28-4	10 AUG 2023
AD 2.16-20a	07 AUG 2025	AD 2.18-20	15 JUL 2021	AD 2.28-5	10 AUG 2023
AD 2.16-22	08 AUG 2024	AD 2.18-40	18 APR 2024	AD 2.28-20	25 JAN 2024
AD 2.16-25	27 FEB 2020	AD 2.19-1	27 NOV 2025	AD 2.28-40	25 JAN 2024
AD 2.16-26	27 FEB 2020	AD 2.19-2	27 NOV 2025	AD 2.29-1	31 OCT 2024
AD 2.16-28	18 JUL 2019	AD 2.19-3	28 DEC 2023	AD 2.29-2	03 OCT 2024
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AD 2.29-9	20 FEB 2025
AD 2.29-10	17 APR 2025
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AD 2.29-12	20 MAR 2025
AD 2.29-13	02 OCT 2025
AD 2.29-20	20 FEB 2025
AD 2.29-20a	20 FEB 2025
AD 2.29-22	20 FEB 2025
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AD 2.33-5	07 AUG 2025
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AD 2.33-40	07 AUG 2025
AD 2.34-1	04 SEP 2025
AD 2.34-2	04 SEP 2025
AD 2.34-3	04 SEP 2025
AD 2.34-4	04 SEP 2025
AD 2.34-20	04 SEP 2025
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AD 2.35-1	27 NOV 2025
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AD 3.6-4	07 AUG 2025
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AD 3.8-3	25 MAR 2021
AD 3.8-4	25 MAR 2021
AD 3.8-20	25 MAR 2021

OCT	Octombrie	OCT	October
OFZ	Zonă liberă de obstacole	OFZ	Obstacle free zone
OHD	Deasupra	OHD	Overhead
OM	Marker exterior	OM	Outer marker
OPA	Opac, givraj opac (ghiaţă albă)	OPA	Opaque, white type of ice formation
OPC	Control operaţional	OPC	Operational control
OPMET+	Informaţii meteorologice operaţionale	OPMET+	Operational meteorological (information)
OPN	Deschideţi, deschidere sau deschis	OPN	Open, opening or opened
OPR	Operator, operaţi, operativ, operează sau operaţional	OPR	Operator, operate, operative, operating or operational
OPS+	Operaţiuni	OPS+	Operations
O/R	La cerere	O/R	On request
ORD	Comandă	ORD	Order
OSV	Navă staţie oceanică	OSV	Ocean station vessel
OTP	Deasupra norilor	OTP	On top
OTS	Sistem de urmărire organizat	OTS	Organized track system
OUBD	Direcţie exterioară/de îndepărtare	OUBD	Outbound
OVC	Total acoperit	OVC	Overcast

- P -

P...	Zonă interzisă (urmată de identificare)	P...	Prohibited area (followed by identification)
PALS	Sistem iluminare apropiere de precizie	PALS	Precision approach lighting system
PANS	Proceduri pentru serviciile de navigaţie aeriană	PANS	Procedures for air navigation services
PAPI+	Indicator pantă apropiere de precizie	PAPI+	Precision approach path indicator
PAR++	Radar de apropiere de precizie	PAR++	Precision approach radar
PARL	Paralel	PARL	Parallel
PAX	Pasageri	PAX	Passenger(s)
PCD	Procedaţi sau procedând	PCD	Proceed or proceeding
PCN	Numărul de clasificare a pavajului	PCN	Pavement classification number
PCR	Rating de clasificare a pavajului	PCR	Pavement classification rating
PDG	Gradientul nominal al procedurii	PDG	Procedure design gradient
PL	Granule de gheaţă	PL	Ice pellets
PER	Performanţă	PER	Performance
PERM	Permanent	PERM	Permanent
PJE	Exerciţii de paraşutism	PJE	Parachute jumping exercise
PLA	Efectuaţi o apropiere la joasă înălţime	PLA	Practice low approach
PLN	Plan de zbor	PLN	Flight plan
PLVL	Nivelul actual	PLVL	Present level

PN	Preaviz necesar	PN	Prior notice required
PNR	Punct de neîntoarcere	PNR	Point of no return
PO	Turbioane de praf/nisip	PO	Dust/sand whirls (dust devils)
POB	Persoane la bord	POB	Persons on board
POSS	Posibil	POSS	Possible
PPI	Indicator de observare circulară	PPI	Plan position indicator
PPR	Autorizare prealabilă necesară	PPR	Prior permission required
PPSN	Poziția actuală	PPSN	Present position
PRFG	Aeroport acoperit parțial de ceață	PRFG	Aerodrome partially covered by fog
PRI	Primar	PRI	Primary
PRKG	Parcare	PRKG	Parking
PROB^{+}	Probabilitate	PROB^{+}	Probability
PROC	Procedură	PROC	Procedure
PROV	Provizoriu	PROV	Provisional
PS	Plus	PS	Plus
PSG	Trecere	PSG	Passing
PSN	Poziție	PSN	Position
PSP	Placă de oțel perforată	PSP	Pierced steel plank
PTN	Viraj în procedură	PTN	Procedure turn
PTS	Structură de rută polară	PTS	Polar track structure
PWR	Putere	PWR	Power

- Q -

QDM^{++}	Cap magnetic (vînt zero)	QDM^{++}	Magnetic heading (zero wind)
QDR	Relevment magnetic	QDR	Magnetic bearing
QFE^{++}	Presiune atmosferică raportată la cota aerodromului (sau la pragul pistei)	QFE^{++}	Atmospheric pressure at aerodrome elevation (or at runway threshold)
QFU	Orientarea magnetică a pistei	QFU	Magnetic orientation of runway
QNH^{++}	Calarea altimetrului pentru obținerea cotei când aeronava este la sol	QNH^{++}	Altimeter sub-scale setting to obtain elevation when on the ground
QTE	Relevment adevărat	QTE	True bearing
QUAD	Sector	QUAD	Quadrant

- R -

~~R~~	~~RVR (distanța vizuală în lungul pistei - în cod meteorologic)~~	~~R~~	~~RVR (Runway Visual Range - in meteorological code)~~
R	Roşu	R	Red
R...	Zonă de restricții (urmată de identificare)	R...	Restricted area (followed by identifiction)

5. List of aeronautical charts available
Lista hărţilor aeronautice produse

Those charts series marked by an asterisk form part of the AIP.

Title of series	*Scale*	*Name and/or number*	*Price (EUR)*
1	***2***	***3***	***4***
Instrument Approach Chart - ICAO*		**ARAD/Arad**	
(IAC)	1:500 000	LRAR ILS RWY 27 A/B	
	1:500 000	LRAR ILS RWY 27 C/D	
	1:500 000	LRAR VOR RWY 09	
	1:500 000	LRAR VOR RWY 27 A/B	
	1:500 000	LRAR VOR RWY 27 C/D	
		BACĂU/George Enescu	
	1:500 000	LRBC ILS X RWY 16	
	1:500 000	LRBC ILS Z RWY 16	
	1:500 000	LRBC ILS Y RWY 16	
	1:500 000	LRBC ILS Z RWY 34	
	1:500 000	LRBC ILS Y RWY 34	
	1:500 000	LRBC RNP RWY 16	
	1:500 000	LRBC RNP RWY 34	
	1:500 000	LRBC NDB Z RWY 16	
	1:500 000	LRBC NDB Y RWY 16	
	1:500 000	LRBC NDB Z RWY 34	
	1:500 000	LRBC NDB Y RWY 34	
		BAIA MARE/Maramureş	
	1:500 000	LRBM ILS Y RWY 09 A, B	
	1:500 000	LRBM ILS Z RWY 09 C, D	
	1:500 000	LRBM RNP RWY 09	
	1:500 000	LRBM NDB W RWY 09 A, B	
	1:500 000	LRBM NDB X RWY 09 C, D	
	1:500 000	LRBM NDB Y RWY 09 A, B	
	1:500 000	LRBM NDB Z RWY 09 C, D	
		BRAŞOV/Braşov-Ghimbav	
	1:500 000	LRBV ILS RWY 21	
	1:500 000	LRBV RNP Z RWY 03	
	1:500 000	LRBV RNP X RWY 21	
	1:500 000	LRBV RNP Y RWY 21	
	1:500 000	LRBV RNP Z RWY 21	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
	1:500 000	LRBS ILS RWY 07 A/B	
	1:500 000	LRBS ILS RWY 07 C/D	
	1:500 000	LRBS ILS RWY 25 A/B	
	1:500 000	LRBS ILS RWY 25 C/D	
	1:500 000	LRBS NDB RWY 07 A/B	
	1:500 000	LRBS NDB RWY 07 C/D	
	1:500 000	LRBS NDB RWY 25 A/B	
	1:500 000	LRBS NDB RWY 25 C/D	
		BUCUREŞTI/Henri Coandă	
	1:500 000	LROP ILS RWY 08R	
	1:500 000	LROP ILS RWY 08L	
	1:500 000	LROP ILS RWY 26R	
	1:500 000	LROP ILS RWY 26L	
	1:500 000	LROP NDB RWY 08R	
	1:500 000	LROP NDB RWY 08L	
	1:500 000	LROP NDB RWY 26R	
	1:500 000	LROP NDB RWY 26L	
		CLUJ-NAPOCA/Avram Iancu	
	1:500 000	LRCL ILS RWY 25	
	1:500 000	LRCL RNAV (GNSS) RWY 07	
	1:500 000	LRCL RNAV (GNSS) RWY 25	
	1:500 000	LRCL VOR RWY 07	
		CONSTANŢA/Mihail Kogălniceanu - Constanţa	
	1:500 000	LRCK ILS RWY 36	
	1:500 000	LRCK RNP RWY 18	
	1:500 000	LRCK RNP RWY 36	
	1:500 000	LRCK VOR RWY 18	
	1:500 000	LRCK VOR RWY 36	
		CRAIOVA/Craiova	
	1:500 000	LRCV ILS Z RWY 26	
	1:500 000	LRCV ILS Y RWY 26	
	1:500 000	LRCV RNP RWY 08	
	1:500 000	LRCV RNP RWY 26	
	1:500 000	LRCV VOR Z RWY 26	
	1:500 000	LRCV VOR Y RWY 26	
	1:500 000	LRCV VOR Z RWY 08	
	1:500 000	LRCV VOR Y RWY 08	

1	2	3	4
Instrument Approach Chart - ICAO*		**IAŞI/Iaşi**	
(IAC)	1:500 000	LRIA ILS Z RWY 14	
	1:500 000	LRIA ILS Y RWY 14	
	1:500 000	LRIA RNP RWY 14	
	1:500 000	LRIA RNP RWY 32	
	1:500 000	LRIA NDB Z RWY 14	
	1:500 000	LRIA NDB Y RWY 14	
	1:500 000	LRIA NDB Z RWY 32	
	1:500 000	LRIA NDB Y RWY 32	
		ORADEA/Oradea	
	1:500 000	LROD ILS Y RWY 19	
	1:500 000	LROD ILS Z RWY 19	
	1:500 000	LROD RNP RWY 19	
	1:500 000	LROD NDB Y RWY 19 A/B	
	1:500 000	LROD NDB Z RWY 19 C/D	
		SATU MARE/Satu Mare	
	1:500 000	LRSM ILS Y RWY 19 A/B	
	1:500 000	LRSM ILS Z RWY 19 C/D	
	1:500 000	LRSM RNP RWY 19	
	1:500 000	LRSM RNP RWY 01	
	1:500 000	LRSM VOR Y RWY 19 A/B	
	1:500 000	LRSM VOR Z RWY 19 C/D	
	1:500 000	LRSM VOR RWY 01	
		SIBIU/Sibiu	
	1:500 000	LRSB ILS RWY 27	
	1:500 000	LRSB NDB RWY 09	
		SUCEAVA/Ştefan Cel Mare-Suceava	
	1:500 000	LRSV ILS or LOC Z RWY 34	
	1:500 000	LRSV ILS or LOC Y RWY 34	
	1:500 000	LRSV RNP RWY 16	
	1:500 000	LRSV RNP RWY 34	
	1:500 000	LRSV VOR Z RWY 16	
	1:500 000	LRSV VOR Y RWY 16	
	1:500 000	LRSV VOR Z RWY 34	
	1:500 000	LRSV VOR Y RWY 34	
		TÂRGU MUREŞ/Transilvania-Târgu Mureş	
	1:500 000	LRTM ILS RWY 07 A/B	
	1:500 000	LRTM ILS RWY 07 C/D	
	1:500 000	LRTM NDB RWY 07 A/B	
	1:500 000	LRTM NDB RWY 07 C/D	
	1:500 000	LRTM NDB RWY 25 A/B	
	1:500 000	LRTM NDB RWY 25 C/D	
		TIMIŞOARA/Tarian Vuia	
	1:500 000	LRTR ILS RWY 11 A, B	
	1:500 000	LRTR ILS RWY 11 C, D	
	1:500 000	LRTR ILS RWY 29 A, B	
	1:500 000	LRTR ILS RWY 29 C, D	
	1:500 000	LRTR NDB RWY 11 A, B	
	1:500 000	LRTR NDB RWY 11 C, D	
	1:500 000	LRTR NDB RWY 29 A, B	
	1:500 000	LRTR NDB RWY 29 C, D	
		TULCEA/Delta Dunării	
	1:500 000	LRTC ILS RWY 34	
	1:500 000	LRTC VOR RWY 34	
Instrument Approach Chart*		**BRAŞOV/Braşov-Ghimbav**	
(IAC)	1:500 000	LRBV RNP RWY 03 Contingency	
Aerodrome Chart - ICAO*		**ARAD/Arad**	
(AC)	1:7 000	**ARAD/Charlie-Bravo Şiria**	
	1:20 000	**BACĂU/George Enescu**	
	1:15 000	**BAIA MARE/Maramureş**	
	1:5 000	**BISTRIŢA/Bistriţa**	
	1:20 000	**BRAŞOV/Braşov-Ghimbav**	
	1:5 000	**BRAŞOV/Sânpetru**	
	1:4 000	**BRAŞOV/Corona**	
		BUCUREŞTI/Băneasa-Aurel Vlaicu	
		BUCUREŞTI/Henri Coandă	
	1:10 000	**CARANSEBEŞ/Banat-Caransebeş**	
	1:5 000	**CISNĂDIE/Măgura**	
	1:6 000	**CLINCENI/Clinceni**	
	1:15 000	**CLUJ NAPOCA/Avram Iancu**	
	1:20 000	**CONSTANŢA/Mihail Kogălniceanu-Constanţa**	
		CRAIOVA/Craiova	
	1:5 000	**CRAIOVA/Craiova-Sud**	
	1:10 000	**DEVA/Săuleşti-Constantin Manolache**	
	1:5 000	**DEZMIR/Dezmir**	
	1:8 000	**GHEORGHENI/Remetea**	

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

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

AD 3. HELIPORTS

AD 1.3 INDEX TO AERODROMES AND HELIPORTS

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

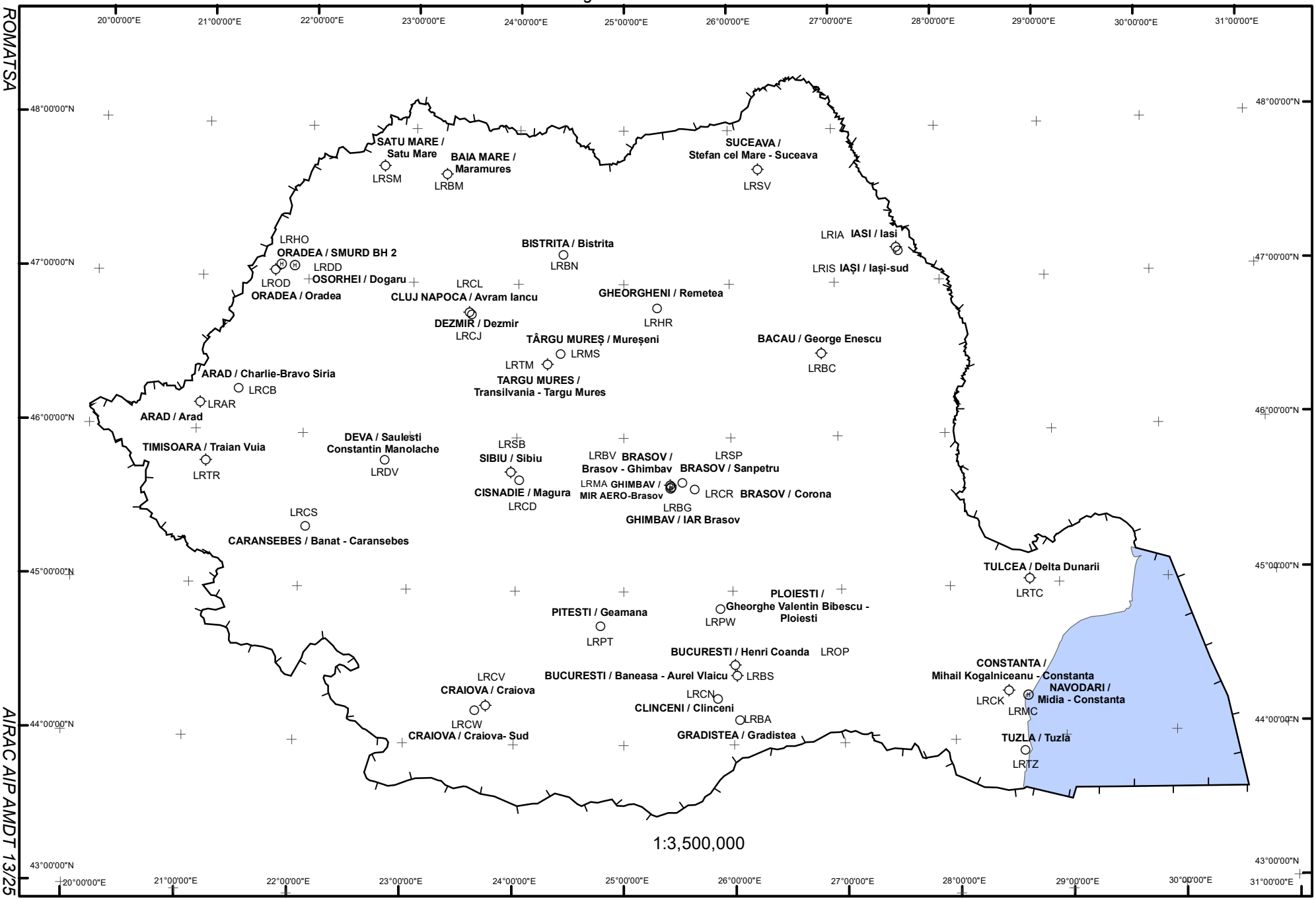
Remarks: (INTL) - *opened to international traffic only in certain circumstances;*
- for details, see AD section for each aerodrome.

1	2	3	4	5
ARAD/Charlie-Bravo Şiria LRCB	NTL	VFR	NS - P	AD 2.25
BISTRIŢA/Bistriţa LRBN	NTL	VFR	NS - P	AD 2.26
GRĂDIŞTEA/Grădiştea LRBA	NTL	VFR	NS - P	AD 2.27
CLINCENI/Clinceni LRCN	NTL	VFR	NS - P	AD 2.28
BRAŞOV/Braşov-Ghimbav LRBV	INTL - NTL	IFR - VFR	S - NS - P	AD 2.29
DEZMIR/Dezmir LRCJ	NTL	VFR	NS - P	AD 2.30
GHEORGHENI/Remetea LRHR	NTL	VFR	NS - P	AD 2.31
CRAIOVA/Craiova-Sud LRCW	NTL	VFR	NS - P	AD 2.32
IAȘI/Iași-Sud LRIS	NTL	VFR	NS - P	AD 2.33
TÂRGU MUREȘ/Mureșeni LRMS	NTL	VFR	NS - P	AD 2.34
BRAȘOV/Corona LRCR	NTL	VFR	NS - P	AD 2.35
Remarks: (INTL) - *opened to international traffic only in certain circumstances;* *- for details, see AD section for each aerodrome.*				

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

AERODROMES AND HELIPORTS - INDEX CHART

Changes: LRCR added.



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

Aerodrome name *Location indicator*	*Date of initial certification* *Data certificării iniţiale*	*Certificate validity* *Valabilitatea certificatului*	*Remarks* *Observaţii*
1	2	3	4
ARAD/Arad LRAR	15.04.2002	Unlimited	AD 2.1
ARAD/Charlie-Bravo Şiria LRCB	20.10.2014	01.11.2024	AD 2.25
BACĂU/George Enescu LRBC	01.09.2002	Unlimited	AD 2.2 Civ / Mil
BAIA MARE/Maramureş LRBM	10.07.2002	Unlimited	AD 2.3
BISTRIŢA/Bistriţa LRBN	23.03.2017	Unlimited	AD 2.26
BRAŞOV/Braşov-Ghimbav LRBV	09.12.2022	Unlimited	AD 2.29
BUCUREŞTI/Băneasa-Aurel Vlaicu LRBS	15.07.2002	Unlimited	AD 2.4
BUCUREŞTI/Henri Coandă LROP	30.04.2002	Unlimited	AD 2.5 Civ / Mil
CARANSEBEŞ/Banat-Caransebeş LRCS	29.05.2020	Unlimited	AD 2.6
CISNĂDIE/Măgura LRCD	23.06.2008	Unlimited	AD 2.18
CLINCENI/Clinceni LRCN	24.05.2016	Unlimited	AD 2.28
CLUJ NAPOCA/Avram Iancu LRCL	15.06.2002	Unlimited	AD 2.7
CONSTANŢA/Mihail Kogălniceanu-Constanţa LRCK	10.06.2002	Unlimited	AD 2.8 Civ / Mil
BRAȘOV/Corona LRCR	04.11.2022	Unlimited	AD 2.35
CRAIOVA/Craiova LRCV	25.04.2002	Unlimited	AD 2.9
CRAIOVA/Craiova-Sud LRCW	19.10.2011	Unlimited	AD 2.32
DEVA/Săuleşti-Constantin Manolache LRDV	13.10.2011	Unlimited	AD 2.24
DEZMIR/Dezmir LRCJ	04.01.2019	Unlimited	AD 2.30
GHEORGHENI/Remetea LRHR	26.04.2023	Unlimited	AD 2.31
GRĂDIŞTEA/Grădiştea LRBA	26.08.2019	Unlimited	AD 2.27
IAŞI/Iaşi LRIA	30.05.2002	Unlimited	AD 2.10
IAŞI/Iaşi-Sud LRIS	25.07.2011	Unlimited	AD 2.33
ORADEA/Oradea LROD	20.08.2002	Unlimited	AD 2.11
PITEŞTI/Geamăna LRPT	10.10.2011	Unlimited	AD 2.23
PLOIEŞTI/Gheorghe Valentin Bibescu - Ploieşti LRPW	26.07.2007	Unlimited	AD 2.19
SATU MARE/Satu Mare LRSM	10.07.2002	Unlimited	AD 2.12
Sânmihaiu German LRSG	07.12.2023	Unlimited	Not published

Aerodrome name *Location indicator*	*Date of initial certification* *Data certificării iniţiale*	*Certificate validity* *Valabilitatea certificatului*	*Remarks* *Observaţii*
1	2	3	4
SÂNPETRU/Sânpetru LRSP	22.02.2010	Unlimited	AD 2.21
SIBIU/Sibiu LRSB	30.07.2002	Unlimited	AD 2.13
SUCEAVA/Ştefan cel Mare-Suceava LRSV	01.09.2002	Unlimited	AD 2.14
TĂUŢII MĂGHERĂUŞ/Tăuţii-Măgherăuş LRMM	12.07.2016	Unlimited	Not published
TÂRGU MUREŞ/Mureşeni LRMS	26.05.2011	Unlimited	AD 2.34
TÂRGU MUREŞ/Transilvania-Târgu Mureş LRTM	20.06.2002	Unlimited	AD 2.15
TIMIŞOARA/Traian Vuia LRTR	01.10.2003	Unlimited	AD 2.16 Civ / Mil
TULCEA/Delta Dunării LRTC	03.10.2002	Unlimited	AD 2.17
TUZLA/Tuzla LRTZ	15.11.2004	Unlimited	AD 2.20
Zăneşti-Neamţ LRZN	01.08.2022	Unlimited	Not published

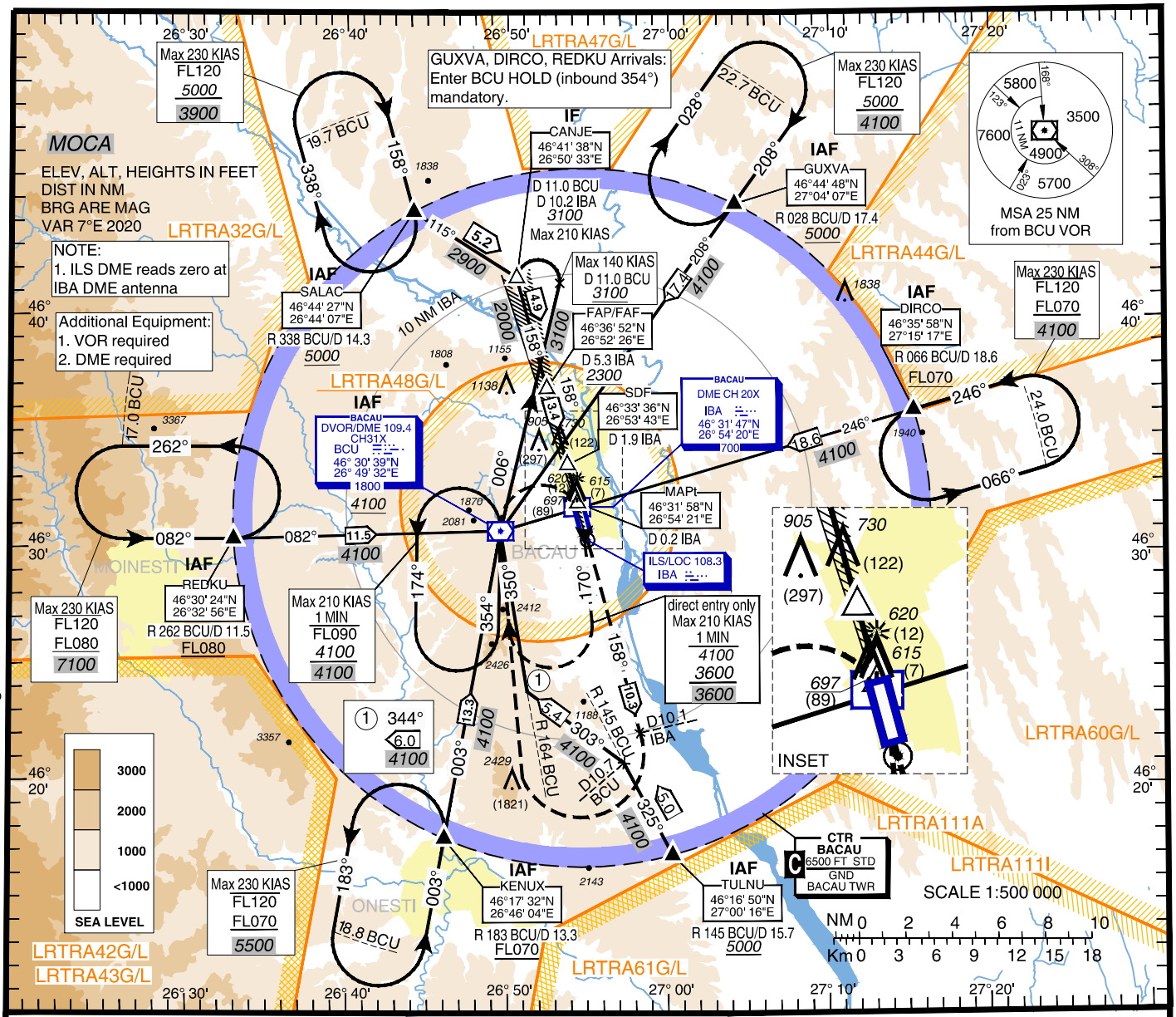
Heliport name *Location indicator*	*Date of initial certification* *Data certificării iniţiale*	*Certificate validity* *Valabilitatea certificatului*	*Remarks* *Observaţii*
1	2	3	4
BALC/Complex Vânătoare Fagu-Balc LRFB	07.08.2012	Unlimited	Not published
BUCUREŞTI/Spitalul Universitar de Urgenţă (SUUB)	03.12.2019	25.11.2024	Not published
BUCUREŞTI/West Gate LRWG	30.06.2014	20.07.2024	Not published
CONSTANŢA/Punct de Operare Aeromedicală SMURD LRCH	07.03.2016	Unlimited	Not published
GHIMBAV/IAR BRAŞOV LRBG	17.06.2009	15.12.2024	AD 3.2
GHIMBAV/MIR AERO-Braşov LRMA	26.10.2017	Unlimited	AD 3.6
Heliportul Spitalului Judeţean de Urgenţă Bistriţa - SMURD BN 1	16.08.2021	16.08.2024	Not published
Heliplatforma ANA	07.03.2022	10.09.2025	Not published

INSTRUMENT APPROACH CHART - ICAO

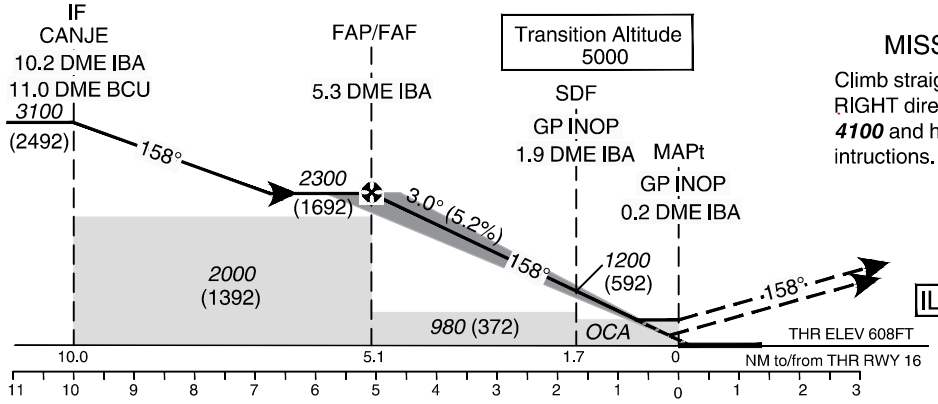
AERODROME ELEV. **608 ft**
HEIGHTS RELATED TO AD ELEV

BACAU TOWER 120.980
BACAU TOWER ALTN 118.600

BACĂU / George Enescu (LRBC)
ILS Z RWY 16



Changes: Note added, SALAC altitude.

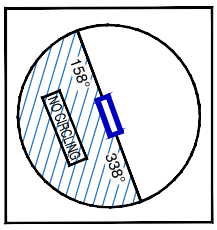


Transition Altitude 5000

MISSED APPROACH:

Climb straight ahead to D 10.1 IBA, then turn RIGHT direct to BCU DVOR/DME, climbing to ***4100*** and hold (inbound 350°) or follow ATC intructions.

ILS RDH 54



OCA (H)	MACG	A	B
CAT I	2.50%	*869* (261)	*879* (271)
	3.00%	*752* (144)	*762* (154)
CAT II	2.50%	*781* (173)	*797* (189)
	3.00%	*659* (51)	*675* (67)
GP INOP with SDF	2.50%	*930* (322)	
GP INOP w/o SDF	2.50%	*980* (372)	
Circling (1)		*1820*	

(1) Circling West of airport prohibited.

Timing not authorized for defining the MAPt.

GS	KIAS	70	90	100	120	140	160
FAF-MAPT 5.1 NM	min:s	4:22	3:24	3:04	2:33	2:11	1:55
Rate of descent(5.2%)	ft/min	372	478	531	637	744	850

Dist to IBA DME	NM	5	4	3	2	1
Altitudes (Heights)	FT	*2200* (1592)	*1880* (1272)	*1560* (952)	*1240* (632)	*930* (322)

For data tabulation see verso.

BACĂU / George Enescu (LRBC)
ILS Z RWY 16

AERONAUTICAL DATA TABULATION

ILS Z Approach to RWY 16 from GUXVA, DIRCO, TULNU, KENUX, REDKU, SALAC	
Fix/Point	**Coordinates**
GUXVA (IAF) **–** BRG 028.29° BCU / D 17.36 BCU	46°44'48.0" N 027°04'07.0" E
DIRCO (IAF) **–** BRG 066.17° BCU / D 18.55 BCU	46°35'58.0" N 027°15'17.0" E
TULNU (IAF) **–** BRG 144.69° BCU / D 15.70 BCU	46°16'50.0" N 027°00'16.0" E
KENUX (IAF) **–** BRG 183.38° BCU / D 13.34 BCU	46°17'32.0" N 026°46'04.0" E
REDKU (IAF) – BRG 261.82° BCU / D 11.47 BCU	46°30'24.0" N 026°32'56.0" E
SALAC (IAF) – BRG 337.90° BCU / D 14.30 BCU	46°44'27.0" N 026°44'07.0" E
CANJE (IF) – BRG 158.16° IBA / D 10.20 IBA / D 11.00 BCU	46°41'37.9" N 026°50'32.6" E
FAP/FAF (GP INOP) – BRG 158.16° IBA / D 5.25 IBA	46°36'51.8" N 026°52'25.6" E
SDF (GP INOP) – BRG 158.17° IBA / D 1.87 IBA	46°33'35.8" N 026°53'42.8" E
THR RWY 16 (MAPT GP INOP) – BRG 158.17° IBA / D 0.19 IBA	46°31'57.93" N 026°54'21.29" E
D 10.1 IBA – BRG 158.23° IBA / D 10.07 IBA	46°22'04.6" N 026°58'13.8" E
IBA DME	46°31'46.8" N 026°54'19.5" E
GP 16	46°31'46.9" N 026°54'19.8" E
IBA LOC	46°30'30.0" N 026°54'55.9" E
BCU DVOR/DME	46°30'39.3" N 026°49'32.0" E

Final approach descent angle: 3.00°

TEMPORARY RESERVED AREAS (TRA)			
Identification	Vertical limits	Identification	Vertical limits
LRTRA32G	GND – FL95	LRTRA47L	5000 FT AMSL – FL200
LRTRA32L	FL95 – FL200	LRTRA48G	GND – 5500 FT AMSL
LRTRA42G	GND – FL85	LRTRA48L	5500 FT AMSL – FL200
LRTRA42L	FL85 – FL200	LRTRA60G	GND – 5000 FT AMSL
LRTRA43G	GND – FL90	LRTRA60L	5000 FT AMSL – FL200
LRTRA43L	FL90 – FL200	LRTRA61G	GND – FL65
LRTRA44G	GND – 5000 FT AMSL	LRTRA61L	FL65 – FL200
LRTRA44L	5000 FT AMSL – FL200	LRTRA111A	FL65 – FL280
LRTRA47G	GND – 5000 FT AMSL	LRTRA111I	FL65 – FL280

RADIO COMMUNICATION FAILURE

a) If ILS Z RWY16 instrument approach procedure was assigned or received by ATC, set transponder 7600, proceed according assigned or designated ILS Z RWY16 instrument approach procedure. Descending shall be executed in accordance with vertical restrictions specified on chart.

b) If ILS Z RWY16 instrument approach procedure was not assigned or received by ATC, for arrivals via REDKU/ SALAC/ GUXVA/ DIRCO/ KENUX: set transponder 7600, proceed according to FPL to CTR entry point (REDKU/ SALAC/ GUXVA/ DIRCO/ KENUX) and hold at least 6 minutes, then continue to ILS Z RWY16 approach. Descending shall be executed in accordance with vertical restrictions specified on chart.

c) If ILS Z RWY16 instrument approach procedure was not assigned or received by ATC, for arrivals via TULNU: set transponder 7600, proceed according to FPL to CTR entry point TULNU (IAF), then BCU VOR and hold at least 6 minutes, then continue the ILS Z RWY 16 approach. Descending shall be executed in accordance with vertical restrictions specified on chart.

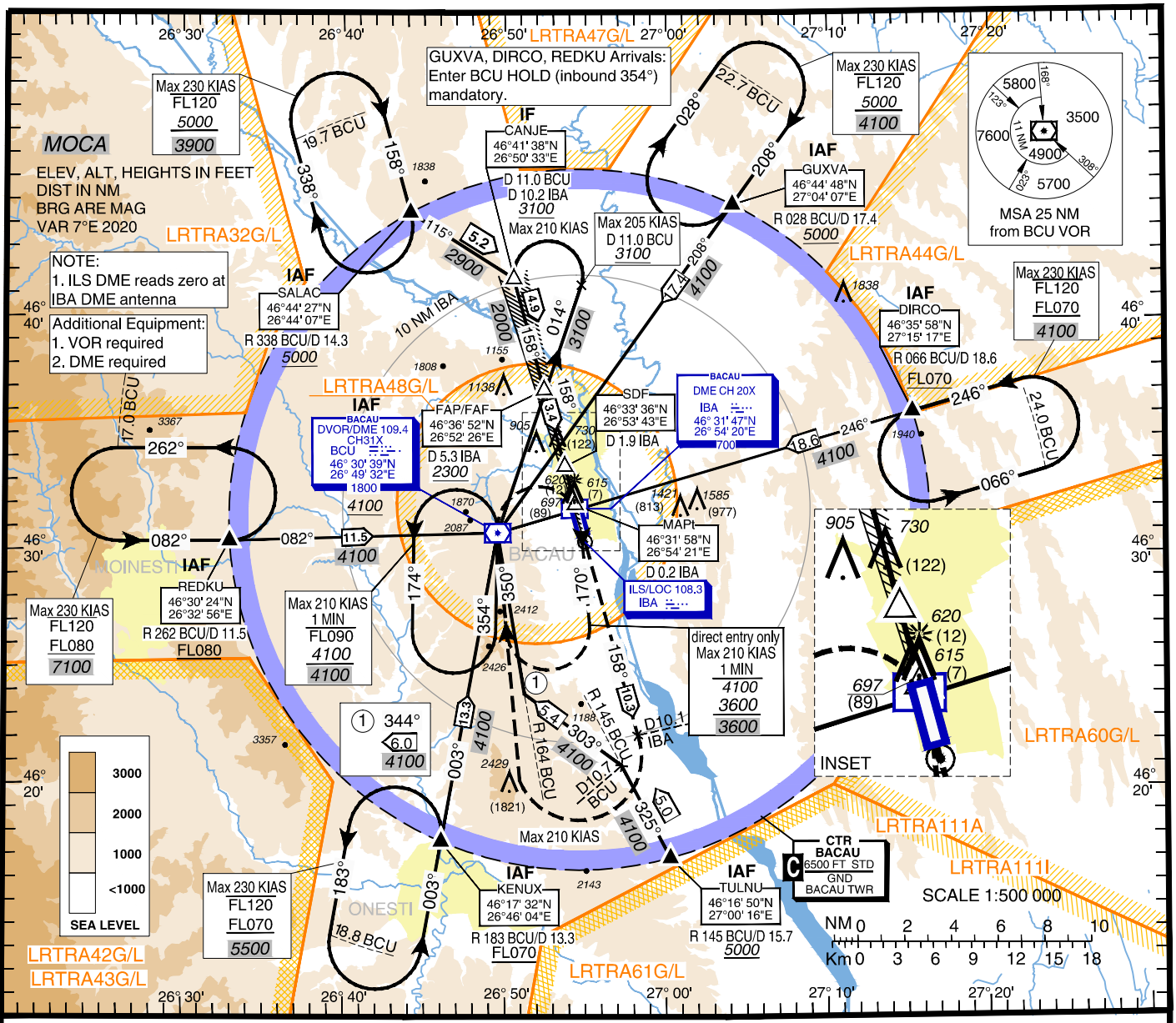
INSTRUMENT APPROACH CHART - ICAO

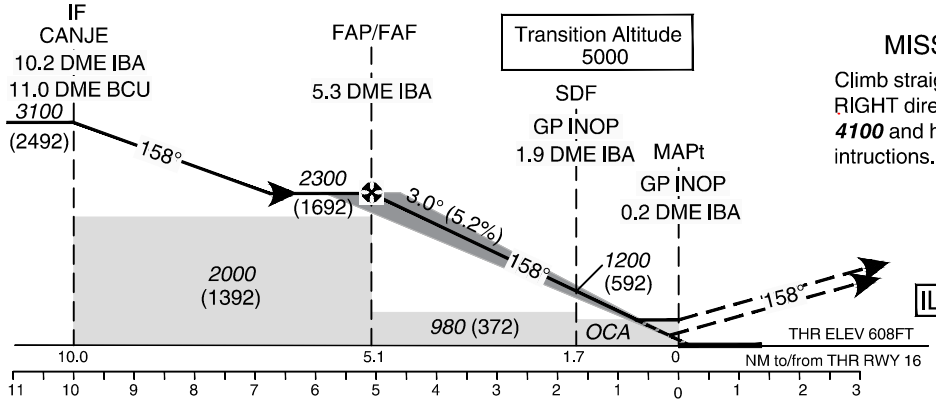
AERODROME ELEV. **608 ft**
HEIGHTS RELATED TO AD ELEV

BACAU TOWER 120.980
BACAU TOWER ALTN 118.600

BACĂU / George Enescu (LRBC)
ILS Y RWY 16

Changes: Note added, SALAC altitude.

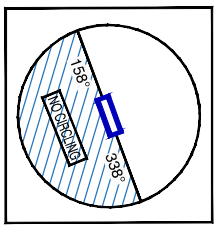




Transition Altitude 5000

MISSED APPROACH:

Climb straight ahead to D 10.1 IBA, then turn RIGHT direct to BCU DVOR/DME, climbing to ***4100*** and hold (inbound 350°) or follow ATC intructions.



ILS RDH 54

OCA (H)	MACG	C	D
CAT I	2.50%	*889* (281)	*899* (291)
	3.00%	*772* (164)	*781* (173)
CAT II	2.50%	*810* (202)	*823* (215)
	3.00%	*688* (80)	*701* (93)
GP INOP with SDF	2.50%	*930* (322)	
GP INOP w/o SDF	2.50%	*980* (372)	
Circling (1)		*1820*	*1980*

(1) Circling West of airport prohibited.

Timing not authorized for defining the MAPt.

GS	KIAS	70	90	100	120	140	160
FAF-MAPT 5.1 NM	min:s	4:22	3:24	3:04	2:33	2:11	1:55
Rate of descent(5.2%)	ft/min	372	478	531	637	744	850

Dist to IBA DME	NM	5	4	3	2	1
Altitudes (Heights)	FT	*2200* (1592)	*1880* (1272)	*1560* (952)	*1240* (632)	*930* (322)

For data tabulation see verso.

BACĂU / George Enescu (LRBC)
ILS Y RWY 16

AERONAUTICAL DATA TABULATION

ILS Y Approach to RWY 16 from GUXVA, DIRCO, TULNU, KENUX, REDKU, SALAC	
Fix/Point	**Coordinates**
GUXVA (IAF) **–** BRG 028.29° BCU / D 17.36 BCU	46°44'48.0" N 027°04'07.0" E
DIRCO (IAF) **–** BRG 066.17° BCU / D 18.55 BCU	46°35'58.0" N 027°15'17.0" E
TULNU (IAF) **–** BRG 144.69° BCU / D 15.70 BCU	46°16'50.0" N 027°00'16.0" E
KENUX (IAF) **–** BRG 183.38° BCU / D 13.34 BCU	46°17'32.0" N 026°46'04.0" E
REDKU (IAF) – BRG 261.82° BCU / D 11.47 BCU	46°30'24.0" N 026°32'56.0" E
SALAC (IAF) – BRG 337.90° BCU / D 14.30 BCU	46°44'27.0" N 026°44'07.0" E
CANJE (IF) – BRG 158.16° IBA / D 10.20 IBA / D 11.00 BCU	46°41'37.9" N 026°50'32.6" E
FAP/FAF (GP INOP) – BRG 158.16° IBA / D 5.25 IBA	46°36'51.8" N 026°52'25.6" E
SDF (GP INOP) – BRG 158.17° IBA / D 1.87 IBA	46°33'35.8" N 026°53'42.8" E
THR RWY 16 (MAPT GP INOP) – BRG 158.17° IBA / D 0.19 IBA	46°31'57.93" N 026°54'21.29" E
D 10.1 IBA – BRG 158.23° IBA / D 10.07 IBA	46°22'04.6" N 026°58'13.8" E
IBA DME	46°31'46.8" N 026°54'19.5" E
GP 16	46°31'46.9" N 026°54'19.8" E
IBA LOC	46°30'30.0" N 026°54'55.9" E
BCU DVOR/DME	46°30'39.3" N 026°49'32.0" E

Final approach descent angle: 3.00°

TEMPORARY RESERVED AREAS (TRA)			
Identification	Vertical limits	Identification	Vertical limits
LRTRA32G	GND – FL95	LRTRA47L	5000 FT AMSL – FL200
LRTRA32L	FL95 – FL200	LRTRA48G	GND – 5500 FT AMSL
LRTRA42G	GND – FL85	LRTRA48L	5500 FT AMSL – FL200
LRTRA42L	FL85 – FL200	LRTRA60G	GND – 5000 FT AMSL
LRTRA43G	GND – FL90	LRTRA60L	5000 FT AMSL – FL200
LRTRA43L	FL90 – FL200	LRTRA61G	GND – FL65
LRTRA44G	GND – 5000 FT AMSL	LRTRA61L	FL65 – FL200
LRTRA44L	5000 FT AMSL – FL200	LRTRA111A	FL65 – FL280
LRTRA47G	GND – 5000 FT AMSL	LRTRA111I	FL65 – FL280

RADIO COMMUNICATION FAILURE

a) If ILS Y RWY16 instrument approach procedure was assigned or received by ATC, set transponder 7600, proceed according assigned or designated ILS Y RWY16 instrument approach procedure. Descending shall be executed in accordance with vertical restrictions specified on chart.

b) If ILS Y RWY16 instrument approach procedure was not assigned or received by ATC, for arrivals via REDKU/ SALAC/ GUXVA/ DIRCO/ KENUX: set transponder 7600, proceed according to FPL to CTR entry point (REDKU/ SALAC/ GUXVA/ DIRCO/ KENUX) and hold at least 6 minutes, then continue to ILS Y RWY16 approach. Descending shall be executed in accordance with vertical restrictions specified on chart.

c) If ILS Y RWY16 instrument approach procedure was not assigned or received by ATC, for arrivals via TULNU: set transponder 7600, proceed according to FPL to CTR entry point TULNU (IAF), then BCU VOR and hold at least 6 minutes, then continue the ILS Y RWY 16 approach. Descending shall be executed in accordance with vertical restrictions specified on chart.

LROD 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
TWR	Oradea Tower	118.455 120.200 MHz ALTN 121.500 MHz EMERG	NIL	NIL	W: 0500-1900 S: 0400-1800	Exempted 8.33 kHz State aircraft.
APP	Oradea Tower	120.200 MHz	NIL	NIL	W: 0500-1900 S: 0400-1800	Procedural service

LROD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	ID	Frequency/ Channel	Hours of operation	Position of transmitting antenna coordinates	ELEV of DME transmitting antenna/ ELEV of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
LOC 19 6°E (2020) ILS CAT II (II.T.3)	IOD	109.500 MHz	H24	470031.5N 0215351.5E	-	NIL	Front course angle 4.19°
GP 19	-	332.600 MHz	H24	470149.5N 0215419.8E	-	NIL	GP angle 3° ILS RDH 52 FT
DME 19	IOD	CH 32X	H24	470149.3N 0215419.9E	500 FT	NIL	NIL
NDB(LO)	ORA	418 KHz	H24	470601.3N 0215526.9E	-	NIL	006° MAG/4.11 NM from THR 19 Coverage 100 NM (declared)
GPS NPA	-	1575.420 MHz	H24	-	-	NIL	Transmitting antennas are satellite based. Maintained by the U.S. Department of Defense.

LROD AD 2.20 LOCAL AERODROME REGULATIONS

1. Airport regulations / Reglementări de aeroport

1.1. Procedures for acceptance

(1) Prior to flight schedule, operators are asked to check the availability of ground handling services and parking space.

1.2. Taxiing the aircraft on the manoeuvring area

(1) Aircraft 180 DEG turn are only permitted on RWY END or INTERMEDIATE turn pads.

(2) Aircraft 180 DEG turn to the intermediate platform for take-off is prohibited. The platforms at the ends of the runway will be used for takeoff.

(3) Caution, comply with Oradea TWR instructions at the intermediate holding positions on TWY B and TWY C, otherwise an aircraft taxiing on TWY C and TWY B may collide with an aircraft holding at the runway holding position on TWY A.

1.3. Taxiing of aircraft on apron

(1) Taxiing of aircraft on apron shall be carried out under the direction of marshaller.

1.1. Proceduri de admisibilitate

(1) Înainte de programarea zborului, operatorii aerieni trebuie să verifice disponibilitatea serviciilor de handling şi a locului de parcare.

1.2. Rularea aeronavelor pe suprafața de manevră

(1) Întoarcerea aeronavelor cu 180 grade este permisă numai pe platformele de la capătul pistei sau pe cea intermediară.

(2) Întoarcerea aeronavelor cu 180 grade la platforma intermediară, pentru decolare, este interzisă. Pentru decolare se vor folosi platformele de la capetele pistei.

(3) Atenție, respectați indicațiile TWR Oradea la pozițiile intermediare de așteptate de pe TWY B și TWY C, în caz contrar o aeronavă ce rulează pe TWY C și TWY B poate intra în coliziune cu o aeronavă ce așteaptă la poziția de așteptare la pistă de pe TWY A.

1.3. Rularea aeronavelor pe platformă

(1) Rularea aeronavelor pe platformă se efectuează sub dirijarea dispecerului sol.

(2) Always the marshaller's signals prevail over the stand markings and guidance light.
(3) Speed on TWY C must be reduced as it is followed by a tight right junction with TWY D1.

1.4. Aircraft parking

(1) Parking positions on APRON 1:
- stands 01-02: parking position for code letter „C" aircraft (maximum 26.5 m wingspan)
- stands 03-04: parking position for code letter „C" aircraft (maximum 29 m wingspan)
- stands 05-10: parking position for code letter „C" aircraft (maximum 36.0 m wingspan).

(2) Parking positions on APRON 2:
- stands 01-04: nose-in parking position, for code letter „C" aircraft (maximum 36.0 m wingspan).

(3) Aircraft subject to an act of illegal intervention will be parked on runway holding position on TWY B, which will be closed to traffic.

1.5. Exiting the aircraft from the parking position

(1) The departure of the aircraft from the stands at APRON 1 is allowed by self-manoeuvring only with the direction of the aircraft provided by the ground dispatcher.
(2) The exit of the aircraft from the APRON 2 stands is done only by pushback.

1.6. Use of the aerodrome by aircraft exceeding the certified design characteristics of the aerodrome

1.6.1 General Information

The aircraft exceeding the certified design characteristics of the aerodrome that can operate at Oradea Airport are: A300 B4 600 Freighter (code letter D); A300 B4 600R Freighter (code letter D); A300 C4 600 Freighter (code letter D); A300 C4 600R Freighter (code letter D); A300 F4 600 Freighter (code letter D); A300 F4 600R Freighter (code letter D); A330 200 Freighter (code letter E); A330 300 Freighter (code letter E); B767 200F (SF and BCF) (code letter D); B767 300F (code letter D); B767 300F (SF and BCF) (code letter D).

The aircraft exceeding the certified design characteristics of the aerodrome, exemplified above, will operate only on the following surfaces:
- RWY;
- TWY E;
- TWY F;
- APRON 2.

1.6.2. Taxiing on the Movement Area.

Given the limited dimensions of the turn pads, TWY E, and APRON 2, aircraft will be towed from the runway to the parking position on APRON 2 and from the parking position to the runway as follows:

1.6.2.1. Operation of A300 B4 600 Freighter (code letter D); A300 B4 600R Freighter (code letter D); A300 C4 600 Freighter (code letter D); A300 C4 600R Freighter (code letter D); A300 F4 600 Freighter (code letter D); A300 F4 600R Freighter (code letter D); A330 200 Freighter (code letter E); A330 300 Freighter (code letter E); B767 200F (SF and BCF) (code letter D); B767 300F (code letter D); B767 300F (SF and BCF) (code letter D):

1.6.2.1.1. Aircraft Arrival:
- After landing, the aircraft will turn on the turn pads, taxiing at a reduced speed and using the maximum turning angle due to the small radius of the centerline marking;
- The aircraft will taxi up to the centerline marking of TWY E;
- While taxiing on the runway, Oradea TWR will instruct the pilot to stop at the beginning of the centerline marking of TWY E;

(2) Semnalele dispecerului de sol prevalează întotdeauna asupra marcajelor standului și luminilor de ghidare.
(3) Viteza de rulare pe TWY C trebuie să fie redusă deoarece este urmată de o intersecție strânsă la dreapta cu TWY D1.

1.4. Parcarea aeronavelor

(1) Pozițiile de parcare de la APRON 1:
- standuri 01-02: poziții de parcare pentru aeronave cu litera de cod „C" (maximum 26.5 m anvergura aripilor).
- standuri 03-04: poziții de parcare pentru aeronave cu litera de cod „C" (maximum 29 m anvergura aripilor).
- standuri 05-10: poziții de parcare pentru aeronave cu litera de cod „C" (maximum 36 m anvergura aripilor).

(2) Pozițiile de parcare de la APRON 2:
- standuri 01-04: poziții de parcare nose-in, pentru aeronave cu litera de cod „C" (maximum 36 m anvergura aripilor).

(3) Aeronavele supuse unui act de intervenţie ilicită vor fi parcate pe poziţia de aşteptare la pistă de pe TWY B, care va fi inchisă traficului.

1.5. Ieșirea aeronavelor din poziția de parcare

(1) Iesirea de la standurile de la APRON 1 a aeronavelor este permisă prin self-manoeuvring doar cu dirijarea aeronavei asigurată de dispecerul de sol.
(2) Iesirea de la standurile de la APRON 2 a aeronavelor se face numai prin pushback.

1.6. Utilizarea aerodromului de către aeronave care depășesc caracteristicile de proiectare

1.6.1 Generalități

Aeronavele ce depășesc caracteristicile de proiectare certificate ale aerodromului care pot opera pe Aeroportul Oradea sunt: A300 B4 600 Freighter (literă de cod D); A300 B4 600R Freighter (literă de cod D); A300 C4 600 Freighter; A300 C4 600R Freighter (literă de cod D); A300 F4 600 Freighter (literă de cod. D); A300 F4 600R Freighter (literă de cod D); A330 200 Freighter (literă de cod E); A330 300 Freighter (literă de cod E); B767 200F (SF și BCF) (literă de cod D); B767 300F (literă de cod D); B767 300F (SF și BCF) (literă de cod D).

Aeronavele ce depășesc caracteristicile de proiectare certificate ale aerodromului, exemplificate mai sus, vor opera doar pe următoarele suprafețe:
- RWY;
- TWY E;
- TWY F;
- APRON 2.

1.6.2. Rulajul pe suprafața de mișcare.

Având în vedere dimensiunile reduse ale platformelor de întoarcere, a TWY E și APRON 2, aeronavele vor fi tractate de la pistă până la poțiția de parcare de pe APRON 2 și de la poziția de parcare până la pistă după cum urmează:

1.6.2.1. Operarea aeronavelor A300 B4 600 Freighter(literă de cod D); A300 B4 600R Freighter(literă de cod D); A300 C4 600 Freighter; A300 C4 600R Freighter (literă de cod D); A300 F4 600 Freighter (literă de cod. D); A300 F4 600R Freighter (literă de cod D); A330 200 Freighter (literă de cod E); A330 300 Freighter (literă de cod E); B767 200F (SF și BCF) (literă de cod D); B767 300F (literă de cod D); B767 300F (SF și BCF) (literă de cod D):

1.6.2.1.1. Sosirea Aeronavei:
- După aterizare aeronava va întoarce pe platformele de întoarcere, rulând cu o viteză redusă și utilizând un unghi maxim de întoarcere, raza marcajului axial fiind mica;
- Aeronava va rula până la marcajul axial al TWY E;
- În timpul rulajului pe pistă TWR Oradea va instrui pilotul să oprească la începutul marcajului axial al TWY E;

- The aircraft will stop at the beginning of the centerline marking of TWY E;
- After the aircraft stops at the beginning of the centerline marking at the of TWY E, Oradea TWR will instruct the pilot to shut down the engines;
- The aircraft will shut down the engines and apply the brakes until coupling for towing;
- The surface of the runway, TWY E, TWY F, and APRON 2 will be closed with a NOTAM;
- After connection, the aircraft will be towed to the parking position.

1.6.2.1.2. Aircraft Departure:

- The aircraft will be towed from the parking position with engines off to the runway, up to the end area of the centre line marking of TWY E;
- In this area, the aircraft engines will be started;
- The aircraft will wait until Oradea TWR grants taxi clearance onto the runway after the surface is opened via NOTAM;
- The aircraft will turn on the turning pad at low speed, using the maximum turn angle, as the centre line marking radius is small;
- The aircraft will take off after Oradea TWR grants takeoff clearance.

1.6.3. Visual Slope:

Caution, the visual slope of the Precision Approach Path Indicator (PAPI) has been calculated taking into account the Boeing 737 Series 800 and Airbus A320 Series 200 aircraft.

1.6.4 Turn Pads:

- Be advised: turn pads (at RWY 01 END and at 520M before RWY 19 END) centre line marking does not ensure 180-degree turn;
- The centre line marking of the turn pads does not ensure the taxiing of A330-200F, A330-300F and B767-300F and B767-300F (SF and BCF) aircraft with the geometric center of the aircraft cabin aligned along the entire length of the marking; the aircraft must maintain a constant turning angle both while on the marking and when exiting it

- Aeronava va opri la începutul marcajului axial de intrare pe TWY E;
- După oprire aeronavei la începutul marcajului axial de intrare la TWY E, TWR Oradea va solicita pilotului oprirea motoarelor;
- Aeronava va opri motoarele și va acționa frânele până la cuplarea pentru tractare;
- Suprafața pistei, a TWY E, TWY F și APRON 2 se vor închide cu NOTAM;
- După cuplare, aeronava va fi tractată până la poziția de parcare;

1.6.2.1.2. Plecarea aeronavei:

- Aeronava va fi tractată de la poziția de parcare, cu motoarele oprite până la pistă, în zona de final a marcajului axial al TWY E;
- În această zonă motoarele aeronavei vor fi pornite;
- Aeronava va aștepta până când TWR Oradea va da aprobarea de rulaj pe pistă, după deschiderea suprafeței prin NOTAM;
- Aeronava va întoarce pe platforma de întoarcere cu viteză redusă utilizând un unghi de viraj maxim de întoarcere, raza marcajului axial fiind mica;
- Aeronava va decola după ce TWR Oradea va da aprobarea de decolare.

1.6.3. Panta vizuală:

Atenție, panta vizuală a Indicatorului traiectoriei de apropiere de precizie (PAPI) a fost calculată ținând cont de aeronaval Boeing 737 seria 800 și Airbus A320 seria 200.

1.6.4 Platformele de întoarcere:

- marcajul axial al platformelor de întoarcere (la capătul pistei 01 și la 520 m înainte de capătul pistei 19) nu asigură întoarcerea completă de 180 de grade;
- marcajul axial al platformelor de întoarcere nu asigură rulajul aeronavelor A330 seria 200F, A330 seria 300F și B767-300F și B767-300F (SF și BCF) cu centrul geometric al cabinei aeronavei pe întreaga lungime a marcajului, aeronavele trebuie sa utilizeze un unghi de virare constant atât pe marcaj cât și la ieșirea de pe acesta.

2. Standard Taxi Routes / Rutele Standard de Rulare

2.1. Arrival information

Arrival on	Instruction given by ATC					Taxiway to be followed	Remarks
	APRON		Name of the Standard Taxi Route				
RWY 01	APRON 1	Taxi via standard taxi route	Arrival 01A	To	Stands: 1-6	TWY B	NIL
			Arrival 01B		Stands: 7	TWY B - TWY C	
			Arrival 01C		Stands: 8-10	TWY B - TWY C - TWY D1	
			Arrival 01D		Stands: 1-5	TWY A - TWY B	
			Arrival 01E		Stand: 6	TWY A	
			Arrival 01F		Stand: 7	TWY A - TWY C	
			Arrival 01G		Stands: 8-10	TWY A - TWY C - TWY D1	
	APRON 2		Arrival 01H		Stands: 1	BACKTRACK RWY 01 - TWY E	
			Arrival 01I		Stands: 2-4	BACKTRACK RWY 01 TWY E - TWY F	
			Arrival 01J		Stands: 1	TWY E	
			Arrival 01K		Stands: 2-4	TWY E - TWY F	
RWY 19	APRON 1	Taxi via standard taxi route	Arrival 19A	To	Stands: 1-5	BACKTRACK RWY 19 - TWY A - TWY B	
			Arrival 19B		Stands: 6	BACKTRACK RWY 19 - TWY A	
			Arrival 19C		Stands: 7	BACKTRACK RWY 19 - TWY A - TWY C	
			Arrival 19D		Stands: 8-10	BACKTRACK RWY 19 - TWY A - TWY C - TWY D1	
	APRON 2		Arrival 19E		Stands: 1	BACKTRACK RWY 19 - TWY E	
			Arrival 19F		Stands: 2-4	BACKTRACK RWY 19 - TWY E - TWY F	
			Arrival 19G		Stands: 1	TWY E	
			Arrival 19H		Stands: 2-4	TWY E - TWY F	

2.2. Departure information

Departure from	Instruction given by ATC			Taxiway to be followed	Remarks
		Name of the Standard Taxi Route			
APRON 1	Taxi via standard taxi route	Departure 19A	From Stands: 1-5	TWY B - TWY A - BACKTRACK RWY 19	NIL
		Departure 19B	Stands: 1-5	TWY B	
		Departure 19C	Stands: 6	TWY B	
		Departure 19D	Stands: 6	TWY A - BACKTRACK RWY 19	
		Departure 19E	Stands: 7	TWY A - BACKTRACK RWY 19	
		Departure 19F	Stands: 7	TWY B	
		Departure 19G	Stands: 8-10	TWY D2 - TWY C - TWY A - BACKTRACK RWY 19	
		Departure 19H	Stands: 8-10	TWY D2 - TWY C - TWY B	
		Departure 01A	Stands: 1-5	TWY B - TWY A - BACKTRACK RWY 01	
		Departure 01B	Stands: 6	TWY A - BACKTRACK RWY 01	
		Departure 01C	Stands: 7	TWY A - BACKTRACK RWY 01	
		Departure 01D	Stands: 1-5	TWY B - TWY A - BACKTRACK RWY 01	
		Departure 01E	Stands: 8-10	TWY D2 - TWY C - TWY A - BACKTRACK RWY 01	
APRON 2	Taxi via standard taxi route	Departure 19I	From Stands: 1	TWY E - BACKTRACK RWY 19	
		Departure 19J	Stands: 2-4	TWY F - TWY E - BACKTRACK RWY 19	
		Departure 01F	Stands: 1	TWY E - BACKTRACK RWY 01	
		Departure 01G	Stands: 2-4	TWY F - TWY E - BACKTRACK RWY 01	

LROD AD 2.21 NOISE ABATEMENT PROCEDURES

See AD 1.1-3

LROD AD 2.22 FLIGHT PROCEDURES

1. LOW VISIBILITY PROCEDURES / PROCEDURI ÎN CONDIŢII DE VIZIBILITATE REDUSĂ

1. Description of facilities
1.1 Runway 19 is equipped with ILS and is authorised for CAT II operations (RVR not less than 300m).
1.2 Runway 19 approved for LVTO (RVR not less than 125m).

2. Criteria for the initiation and termination of LVP
2.1 The preparation phase will be triggered when the RVR is 800m (horizontal visibility 1500m) or the cloud ceiling/vertical visibility is 500ft and the initiation of CAT II operations is foreseen;
2.2 The initiation phase will be triggered when the value of RVR falls below 550m (horizontal visibility falls below 800m) or cloud ceiling/vertical visibility is 200ft or less;

2.3 LVP will be terminated when the value of RVR is greater than 800m (horizontal visibility is 1500m or higher) and cloud ceiling/vertical visibility is greater than 500ft and a continuing improvement of these conditions is anticipated

2.4 Take-off
LVTO will be triggered when the RVR is less than 550 m.

3. Details of runway exits
3.1 Runway connections with taxiways are equipped with green/yellow coded centerline lights.
3.2 Pilots will report "Runway Clear" only after the aircraft has passed the green/yellow light-coded segment of the centerline of taxiways A, B and E.

1. Descrierea facilităţilor
1.1 Pista 19 este echipată cu ILS şi este autorizată pentru desfăşurarea operaţiunilor CAT II (RVR nu mai mic de 300m).
1.2 Pista 19 autorizată pentru LVTO (RVR nu mai mic de 125m).

2. Criterii pentru iniţierea şi terminarea LVP
2.1 Faza de pregătire va fi declansata atunci când RVR are valoarea de 800m (vizibilitate orizontală 1500m) sau plafonul norilor/vizibilitate verticala este de 500ft şi sunt prevăzute declanşarea operaţiunilor CAT II;
2.2 Faza de iniţiere va fi declanşată atunci când valoarea RVR scade sub 550m (vizibilitatea orizontală scade sub 800m) sau plafonul norilor/vizibilitate verticala are valoare de 200ft sau mai puţin;
2.3 LVP vor fi încheiate atunci când valoarea RVR este mai mare de 800m (vizibilitate orizontală este 1500m sau mai mult) şi plafonul norilor/vizibilitate verticala este mai mare de 500ft şi este anticipată îmbunătăţirea continuă a acestor condiţii.
2.4 Decolarea
LVTO va fi declanşată atunci când RVR este mai mică de 550 m.

3. Detalii privind eliberarea pistei
3.1 Racordurile pistei cu căile de rulare sunt echipate cu lumini axiale codificate verde/galben.
3.2 Piloţii vor raporta "Pista liberă" numai după ce aeronava a depaşit segmentul codat cu lumini verde/galben al axului căilor de rulare A,B şi E.

AIRCRAFT PARKING/ DOCKING CHART - ICAO

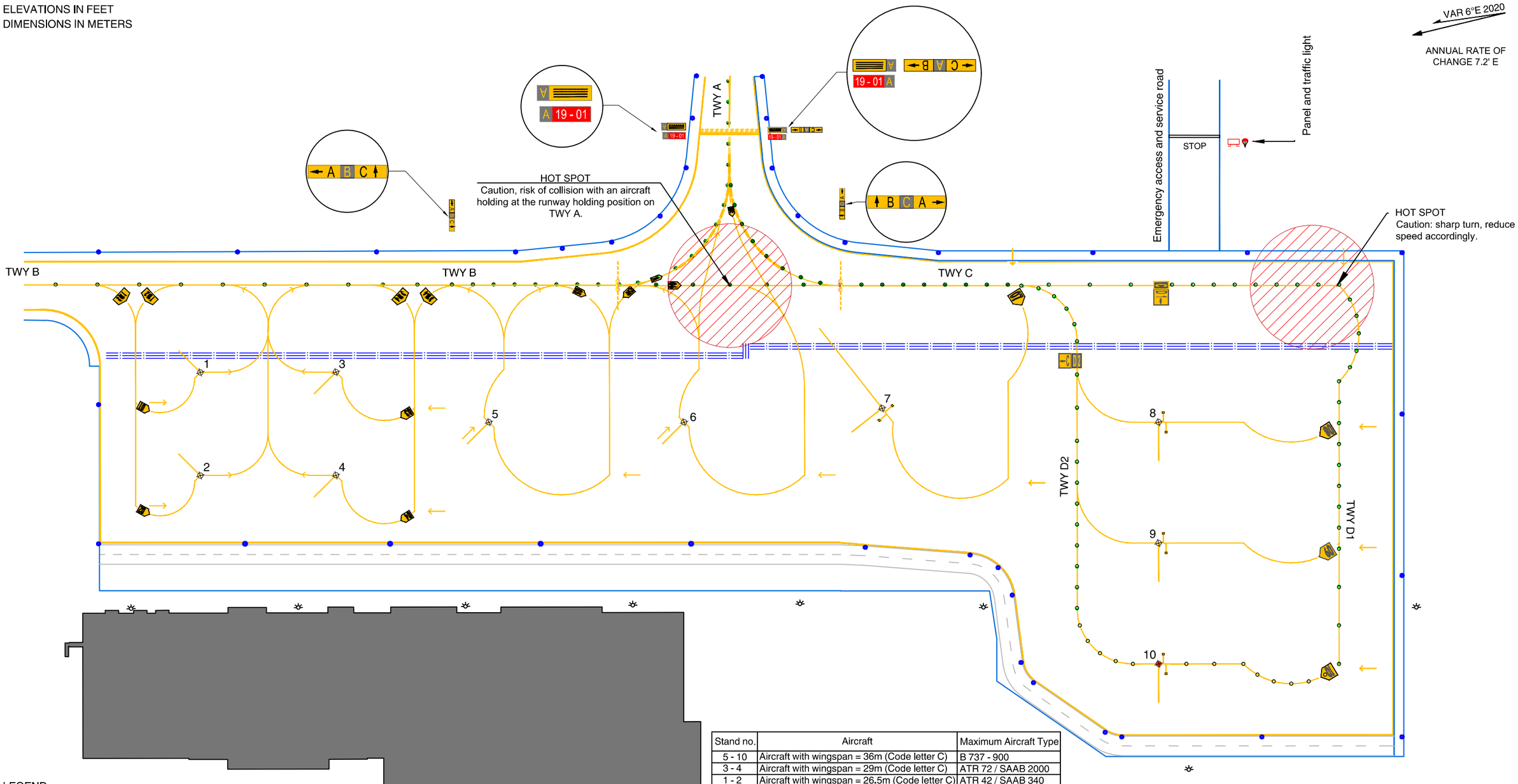
APRON ELEV 450FT

ORADEA TOWER 118.455
ORADEA TOWER ALTN 120.200

ORADEA / Oradea (LROD)
APRON 1

ELEVATIONS IN FEET
DIMENSIONS IN METERS

VAR 6°E 2020
ANNUAL RATE OF CHANGE 7.2' E



LEGEND:

TAXI GUIDANCE LINE	
INS POINTS	
TO AIRCRAFT STAND	
FLOODLIGHT	
MOVEMENT SURFACE BOUNDARY	
RUNWAY HOLDING POSITION	
ENHANCED TAXIWAY CENTRE LINE MARKING	
TAXIWAY AND APRON EDGE LIGHT	
TAXIWAY CENTERLINE LIGHT	
APRON BOUNDARY	
BUILDING	
HOT SPOT	

INS COORDINATES FOR AIRCRAFT STANDS

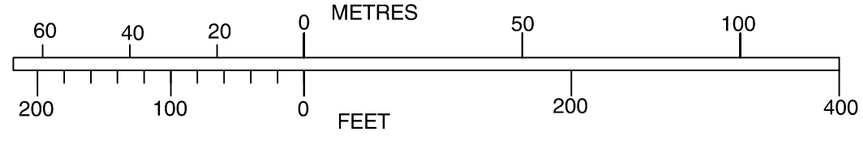
INS1	47°01'43.82"N	021°54'02.34"E
INS2	47°01'44.05"N	021°54'00.62"E
INS3	47°01'42.32"N	021°54'01.97"E
INS4	47°01'42.55"N	021°54'00.25"E
INS5	47°01'40.62"N	021°54'00.49"E
INS6	47°01'38.40"N	021°53'59.85"E
INS7	47°01'36.14"N	021°53'59.50"E
INS8	47°01'33.02"N	021°53'58.35"E
INS9	47°01'33.29"N	021°53'56.34"E
INS10	47°01'33.56"N	021°53'54.33"E

Stand no.	Aircraft	Maximum Aircraft Type
5 - 10	Aircraft with wingspan = 36m (Code letter C)	B 737 - 900
3 - 4	Aircraft with wingspan = 29m (Code letter C)	ATR 72 / SAAB 2000
1 - 2	Aircraft with wingspan = 26.5m (Code letter C)	ATR 42 / SAAB 340

Parking will be performed with marshaller assistance

TWY A: 18 M WIDE
TWY B: 18 M WIDE
TWY C: 18 M WIDE
TWY D1: 18 M WIDE
TWY D2: 18 M WIDE

BEARING STRENGTH FOR STANDS 65/R/C/W/T
BEARING STRENGTH FOR TWY A 62/R/C/W/T
BEARING STRENGTH FOR TWY B 62/R/C/W/T
BEARING STRENGTH FOR TWY C 65/R/C/W/T
BEARING STRENGTH FOR TWY D1 65/R/C/W/T
BEARING STRENGTH FOR TWY D2 65/R/C/W/T



Changes: HOT SPOT added.

LRSM 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
01	SALS 420M, LIH	Green -	PAPI Left/3° (46 FT)	Nil	1600M, 15M, White, LIH 600M, 15M, Red/White, LIH 300M, 15M, Red, LIH	1900M, 59M, White, LIH 600M, 59M, Yellow, LIH	Red -	NIL	LED lights are exclusively used for lighting systems described in columns 2,3,7,8
19	CAT II 900M, LIH	Green WBAR	PAPI Left/3° (49 FT)	White 900M	1600M, 15M, White, LIH 600M, 15M, Red/White, LIH 300M, 15M, Red, LIH	1900M, 59M, White, LIH 600M, 59M, Yellow, LIH	Red -	NIL	

LRSM 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 Anemometer at 150 M from THR 19, HJ.
3	*TWY edge and centre line lighting*	TWY edge blue omnidirectional lights LIL. TWY centre line green/green; yellow/green lights, 15M (7.5M) spacing.
4	*Secondary power supply/switch-over time*	Secondary power supply to all lighting at AD. Switch-over time: 1 SEC.
5	*Remarks*	NIL

LRSM AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates 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

LRSM AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	SATU MARE CTR 474738N 0222632E - FIR boundary - 474437N 0222510E - 473332N 0223120E - 472706N 0224758E - 472929N 0230730E - 474140N 0230939E - 475910N 0230200E - FIR boundary - 474738N 0222632E
2	*Vertical limits*	SFC to FL55
3	*Airspace classification*	C
4	*ATS unit call sign* *Language(s)*	Satu Mare Tower English, Romanian
5	*Transition altitude*	4000 FT (1200 M) AMSL
6	*Hours of aplicability*	W: 0500-1700 S: 0400-1600 Days of operation: MON-SAT
7	*Remarks*	1. CTR established during hours of operation of ATS. See NOTAMs for changes. 2. Outside hours of operation of ATS airspace classification is G. 3. Outside hours of operation of ATS it is recommended to monitor Satu Mare TWR FREQ and check on FIS FREQ about CTR status.

LRSM 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
TWR	Satu Mare Tower	119.655 118.800 MHz ALTN 121.500 MHz EMERG	NIL	NIL	W: 0500 - 1700 S: 0400 - 1600	Days of operation: Monday - Saturday Exempted 8.33 kHz State aircraft.
APP	Satu Mare Tower	118.800 MHz	NIL	NIL	W: 0500 - 1700 S: 0400 - 1600	Procedural service Days of operation: Monday - Saturday

LRSM AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	ID	Frequency / Channel	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna / ELEV of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
DVOR/DME (6°E/2020)	SAT	108.400 MHz (CH 21X)	H24	474338.7N 0225337.9E	500 FT	NIL	007° MAG / 0.8 NM from THR 19 Coverage 150 NM (assumed)
LOC 19 (6°E/2020) ILS CAT I (II.T.3)	ISM	110.950 MHz	H24	474123.7N 0225251.5E	-	NIL	Front course angle 4.31°
GP 19	-	330.650 MHz	H24	474241.1N 0225323.5E	-	NIL	GP Angle 3° ILS RDH 54 FT
DME 19	ISM	CH 46Y	H24	474240.9N 0225323.7E	400 FT	NIL	NIL
GPS NPA	-	1575.420 MHz	H24	-	-	NIL	Transmitting antennas are satellite based. Maintained by the U.S. Department of Defense.
EGNOS LPV	-	1575.420 MHz	H24	-	-	NIL	Transmitting antennas are satellite based. Maintained by the European Satellite Services Provider – ESSP.

LRSM AD 2.20 LOCAL AERODROME REGULATIONS

- NIL -

LRSM AD 2.21 NOISE ABATEMENT PROCEDURES

See AD 1.1-3

LRSM AD 2.22 FLIGHT PROCEDURES

- NIL -

SATU MARE / Satu Mare (LRSM)
RNP RWY 01

PROCEDURE CODING

Serial No	Path Descriptor	Waypoint ID	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (kts)	VPA/TCH (°/ft)	NAV SPEC
010	IF	TISAD	–	–	6.0 E	–	–	+FL060	–	–	RNP 1
020	TF	SM404	–	074 (080.3)	6.0 E	4.8	–	+FL050	–	–	RNP APCH
030	TF	PUBPE	–	097 (103.0)	6.0 E	5.0	–	+3200	–	–	RNP APCH
010	IF	JIBOU	–	–	6.0 E	–	–	+FL060	–	–	RNP 1
020	TF	SM403	–	272 (278.2)	6.0 E	7.4	–	+FL050	–	–	RNP APCH
030	TF	PUBPE	–	277 (283.0)	6.0 E	5.0	–	+3200	–	–	RNP APCH
010	IF	SOMET	–	–	6.0 E	–	–	+FL060	–	–	RNP 1
020	TF	SM403	–	212 (218.1)	6.0 E	14.2	–	+FL050	–	–	RNP APCH
030	TF	PUBPE	–	277 (283.0)	6.0 E	5.0	–	+3200	–	–	RNP APCH
010	IF	SAT	–	–	6.0 E	–	–	+FL060	–	–	RNP 1
020	TF	SM405	–	221 (227.3)	6.0 E	8.9	–	+FL050	–	–	RNP 1
030	TF	SM404	–	187 (192.8)	6.0 E	5.0	–	+FL050	–	–	RNP APCH
040	TF	PUBPE	–	097 (103.0)	6.0 E	5.0	–	+3200	–	–	RNP APCH
010	IF	PUBPE	–	–	6.0 E	–	–	+3200	–	–	RNP APCH
020	TF	SM402	–	007 (013.0)	6.0 E	5.0	–	@2100	–	–	RNP APCH
030	TF	RW01	Y	007 (013.1)	6.0 E	5.1	–	@464	–	-3.0/ 50	RNP APCH
040	TF	SM408	Y	007 (013.1)	6.0 E	8.0	–	–	-240	–	RNP APCH
050	DF	SAT	–	–	6.0 E	–	R	-FL060 +2400	–	–	RNP APCH
060	HM	SAT	–	221 (227.3)	6.0 E	–	L	-FL060 +2400	-230	–	RNP APCH

Path Descriptor	Waypoint ID	Inbound course °M (°T)	Leg distance	Timing(min.)/ Waypoint Distance (NM)	Turn direction	Minimum altitude	Maximum altitude	Speed limit	Navigation specification
HM	JIBOU	321 (326.4)	–	1/–	R	FL060	FL090	-250	RNAV 1
HM	TISAD	041 (046.8)	–	1/–	R	FL060	FL090	-250	RNAV 1

SATU MARE / Satu Mare (LRSM)
RNP RWY 01

LPV FAS DB

Input Data	
Parameters	Values
Operation Type	0
SBAS Provider	1 (EGNOS)
Airport Identifier	LRSM
Runway	01
Runway Letter	0 (None)
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier	E01A
LTP/FTP Latitude	474132.8720N
LTP/FTP Longitude	0225254.6380E
LTP/FTP Ellipsoidal Height (metres)	165.3
FPAP Latitude	474251.7160N
Delta FPAP Latitude (seconds)	78.8440
FPAP Longitude	0225321.7260E
Delta FPAP Longitude (seconds)	27.0880
Threshold Crossing Height	50.0
TCH Units Selector	0 (feet)
Glidepath Angle (degrees)	3.00
Course Width (metres)	105.00
Length Offset (metres)	0
HAL (metres)	40.0
VAL (metres)	50.0

Output Data	
Data Block	10 0D 13 12 0C 01 00 00 01 31 30 05 90 A6 77 14 DC DF D1 09 75 1A F8 67 02 A0 D3 00 F4 01 2C 01 64 00 C8 FA C1 72 17 46
Calculated CRC Value	C1721746

Required Additional Data	
Parameters	Values
ICAO Code	LR
LTP/FTP Orthometric Height (metres)	126.3

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/Mean low temperature*	1520 FT / 28.3°C / -17.4°C
4	*Geoid undulation*	138 FT
5	*MAG VAR/ Annual rate of change*	5°E (2010)
6	*AD Operator, address, telephone, telefax, e-mail, AFS, website*	Aeroportul International Sibiu Şos. Alba Iulia, nr. 73, Sibiu, cod 550052 Tel: +40-372 055 861 (Info) +40-372 055 862 (Office) Fax: +40-(0)269-253047 (operational) AFS: LRSBRAYD
7	*Types of traffic permitted (IFR/VFR)*	IFR/VFR
8	*Remarks*	NIL

LRSB AD 2.3 OPERATIONAL HOURS

1	*AD Operator*	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 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*	Cranes AVBL via contractor. Local Action Coordinator: +40-(0)732-650 905 for substitute: +40-(0)732-650 918 email: operations@sibiuairport.ro
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 UREA.
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:	PCN 110/R/D/W/T	PCN 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: PCN 110/R/D/W/T, TWY W, N: PCN 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 : PCN 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 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	*ID*	*Frequency / Channel*	*Hours of operation*	*Position of transmitting antenna coordinates*	*Elevation of DME transmitting antenna / ELEV of GBAS reference point*	*Service volume radius from the GBAS reference point*	*Remarks*
1	2	3	4	5	6	*7*	*8*
DVOR/DME (7°E/2020)	SCV	112.300 MHz CH 70X	H24	474020.4N 0262139.0E	1300 FT	NIL	Coverage 175NM (declared)
LOC 34 (7°E/2020) ILS CAT II (II.T.3)	ISV	110.100 MHz	H24	474159.4N 0262054.6E	NIL	NIL	Front course angle 5.19°
GP 34	-	334.400 MHz	H24	474053.3N 0262118.2E	NIL	NIL	GP angle 3.0° ILS RDH 54 FT
DME 34	ISV	CH 38X	H24	474053.4N 0262117.8E	1400 FT	NIL	NIL
GPS NPA	-	1575.420 MHz	H24	NIL	NIL	NIL	Transmitting antennas are satellite based. Maintained by the U.S. Department of Defense.
EGNOS LPV	-	1575.420 MHz	H24	NIL	NIL	NIL	Transmitting antennas are satellite based. Maintained by the European Satellite Services Provider - ESSP.

LRSV AD 2.20 LOCAL AERODROME REGULATIONS

1 Airport regulations

1.1 Procedures for acceptance

(1) Operations permitted only for aircraft with maximum code letter „D". Mandatory route for code letter "D" aircraft is: for arrivals: RWY - TWY B - INS 05, and for departures: INS 05 - TWY B - RWY.
(2) Prior to flight schedule, operators are asked to check the availability of ground handling services and parking space.
(3) The declared capacity of the airport is 200 passengers / hour which can determine delays for overlapping of the possible flights that land at the airport. Operators will take measures to program the flights to prevent these situations, otherwise the flights will be delayed.
(4) Changes in regular flight schedule are subject to prior permission of Airport Administration.
(5) Nominating LRSV as alternate airport shall be made only with Airport Administration permission.

1.2 Aircraft Ground Movement

(1) Pilots are requested to use minimum power when ground maneuvering.
(2) Backtrack of ACFT CAT B, C, D (ICAO Annex 14) is permitted only using RWY turning bays.
(3) Aircraft using parking stand 5 on APRON 1, in order to avoid the jet blast effect on people, aircraft and ground equipment, must perform taxiing on the apron with engine power as low as possible.

1 Reglementări de aeroport

1.1 Proceduri de admisibilitate

(1) Operaţiuni permise pentru aeronave care au maxim litera de cod „D". Ruta de rulare obligatorie pentru aeronavele de cod "D" este: pentru aterizări: RWY - TWY B - INS 05, iar pentru decolări: INS 05 - TWY B - RWY.
(2) Înainte de programarea zborului operatorul trebuie să verifice disponibilitatea locurilor de parcare şi a serviciilor handling.
(3) Capacitatea declarată a aeroportului este de 200 de pasageri / oră, ceea ce poate determina întârzieri pentru suprapunerea posibilelor zboruri care aterizează pe aeroport. Operatorii vor lua măsuri pentru a programa zborurile pentru a preveni aceste situații, în caz contrar zborurile vor întârzia.
(4) Modificări în programele de zbor ale operatorilor se pot face doar cu acordul administraţiei aeroportului.
(5) Desemnarea LRSV ca aeroport de rezervă se face doar cu acordul administraţiei aeroportului.

1.2 Miscarea la sol a aeronavei

(1) Pe perioada rulării la sol, piloților li se cere să tureze motoarele aeronavei la putere minimă.
(2) Backtrack pentru aeronavele de CAT B, C, D (ICAO Annex 14) folosind buzunarele de întoarcere ale RWY.
(3) Aeronavele care utilizează poziția de parcare 5 de pe APRON 1, pentru evitarea efectului suflului motoarelor asupra persoanelor, aeronavelor și echipamentelor la sol, vor efectua rulajul pe platformă cu turația motoarelor cât mai redusă posibil.

1.3 Helicopters operation - Limitations

(1) Helicopters have a designated parking position, on the Southern part of APRON 1.

(2) Suceava TWR will inform helicopters about the parking position allocated by the apron administrator.

(3) Helicopters:

a) will conduct the approach to the RWY and taxi from the RWY on TWY B to the designated parking position.

b) can taxi to the designated point on APRON 1 only when it is considered that the positioning and the generated air currents (air cushion) do not disrupt the safe performance of servicing activities, the other aircraft or vehicles on the apron.

1.4 Taxiing of aircraft on apron

(1) Taxiing of aircraft on apron shall be carried out under the direction of marshaller.

(2) Always the marshaller's signals prevail over the stand markings.

(3) Code letter D aircraft (wingspan between 36 m and 51.9 m) will only be parked at stand 5.

1.5 Aircraft parking

(1) Parking positions on APRON 1

- stands 01-04: nose-in parking positions for code letter „C" (maximum 36.0 m wingspan)
- stand 05 : parking position, for code letter „D" (maximum 52.0 m wingspan)

(2) Aircraft subject to an act of illegal intervention will be parked on the runway turning bay North area, which will be closed to traffic.

1.6 Aircraft exit from the stand

(1) Aircraft code letter minimum C shall exit from stand only by *pushback*.

(2) Aircraft code letter maximum B, or aircraft code letter C with turboprop engines are permitted to exit from stand by *self-manoeuvring* only with aircraft guidance provided by marshaller.

(3) Only by exception, aircraft are permitted to exit from stand by powerback in case of operational necessity. Marshalling with wingwalker is mandatory.

1.3 Operarea elicopterelor - Limitări

(1) Elicopterele au desemnată o poziție de parcare, în partea de sud APRON 1.

(2) TWR Suceava va informa elicopterele despre poziția de parcare alocată de către administratorul platformei.

(3) Elicopterele:

a) vor desfășura apropierea la RWY și vor rula de la RWY pe TWY B, către poziția de parcare alocată.

b) pot rula la punctul desemnat la APRON 1 numai atunci când se consideră că poziționarea și suflul generat (pernă de aer) nu perturbă desfășurarea în condiții de siguranță a activităților de deservire, celelalte aeronave sau vehicule aflate pe platformă.

1.4 Rularea aeronavei pe platformă

(1) Rularea aeronavelor pe platformă se efectuează sub dirijarea dispecerului sol.

(2) Semnalele dispecerului de sol prevalează întotdeauna asupra marcajelor standului.

(3) Aeronavele cu litera de cod D (anvergura aripilor între 36 m și 51,9 m) vor fi parcate numai la standul 5.

1.5 Parcarea aeronavelor

(1) Pozițiile de parcare de la APRON 1:

- standuri 01-04: poziții de parcare nose-in, pentru aeronave cu litera de cod „C" (maximum 36,0 m anvergura aripilor);
- stand 05:poziție de parcare pentru aeronave cu litera de cod „D" (maximum 52,0 m anvergura aripilor);

(2) Aeronavele supuse unui act de intervenţie ilicită vor fie parcate în zona buzunarului de Nord al pistei, care va fi închisă traficului.

1.6 Ieșirea aeronavelor din poziția de parcare

(1) Ieșirea de la stand a aeronavelor literă de cod minimum C se face numai prin *pushback*.

(2) Ieșirea de la stand a aeronavelor literă de cod maximum B, sau a aeronavelor literă de cod C cu motoare turbopropulsoare este permisă prin *self-manoeuvring* doar cu dirijarea aeronavei asigurată de dispecerul de sol.

(3) În mod excepţional, iesirea de la stand a aeronavelor este permisă prin *powerback* în caz de necesitate operaţională. Este obligatorie dirijarea aeronavei de dispecerul de sol asistat de wingwalker

LRSV AD 2.21 NOISE ABATEMENT PROCEDURES

On Ground

ATC will approve engine ground operation only at idle speed.

La sol

ATC va aproba folosirea la sol a motoarelor doar la relanti/idle power.

LRSV AD 2.22 FLIGHT PROCEDURES

1. LOW VISIBILITY PROCEDURES - LVP

1.1 Runway and associated equipment authorised for use under low visibility procedures

1.1.1 Runway 34 is equipped with ILS and is approved for CAT II operations (DH less than 60M, but not less than 30M; RVR not less than 300m).

1.1.2 The Runway is approved for LVTO on both directions, 16 and 34 respectively.

1. PROCEDURI ÎN CONDIŢII DE VIZIBILITATE REDUSĂ - LVP

1.1 Pista şi echipamentele asociate autorizate pentru utilizare în cadrul procedurilor de vizibilitate redusă

1.1.1 Pista 34 este echipată cu ILS şi autorizată pentru desfăşurarea operaţiunilor CAT II (DH mai mică de 60 m dar nu mai mică de 30 m, şi RVR nu mai mic de 300 m).

1.1.2 Pista este autorizată pentru LVTO pe ambele direcţii, respectiv 16 şi 34.

1.2 Defined meteorological conditions (criteria) under which initiation, use and termination of low visibility operations would be made

1.2.1. The preparation phase will be commenced when the RVR is 800m or cloud ceiling is 500ft and CAT II operations are expected.

1.2.2. The initiation phase will be commenced for:

a) Approach and landing, when the RVR falls below 550m or cloud ceiling is 200ft or less;

b) Take-off - LVTO, when RVR falls below 550m.

1.2.3. LVP will be terminated when RVR is greater than 800m and cloud ceiling is greater than 300ft and a continuing improvement of these conditions is expected.

1.3 Description of ground marking/lighting for use under low visibility procedures

1.3.1 Runway exits are equipped with green/yellow coded taxiway centerline lights.

1.4 Remarks

1.4.1. Taxiing from apron to TWY:
On request, taxiing from apron to runway holding position may be performed following the Marshaller signals, that will use red marshalling wands, until the intersection of the apron with taxiway A, from which point the aircraft will observe: the runway holding position, the STOP BAR and the taxiway`s green centerline lights.

1.4.2. Taxiing from TWY to Apron: On request, marshalling services will be provided by 2 marshallers/authorized ramp agents that will be positioned at an intermediate point of the route and at a safe distance. The aircraft will be guided to the allocated parking stand by using red marshalling wands.

1.4.3. During LVO procedures, backtrack of all aeroplanes after landing on RWY16/34 is permitted only using the turning bay.

1.4.4. Operations in simulated low visibility conditions may be requested by the pilot with at least 20 minutes prior the estimated time of departure (ETD) / estimated time of arrival (ETA).

1.4.5. In low visibility conditions, operations on Apron 2 and TWY D are forbiden.

1.2 Condiţii meteorologice stabilite (criterii) pentru pregătirea, utilizarea şi finalizarea procedurilor în condiţii de vizibilitate redusă

1.2.1. Faza de pregătire se va declanșa atunci când RVR are valoarea de 800m sau plafonul norilor este de 500ft și este prevăzută declanșarea procedurilor CAT II.

1.2.2. Faza operațională se va declanșa pentru:

a) Apropiere și aterizare, atunci când valoarea RVR scade sub 550m sau plafonul norilor are valoarea de 200ft sau mai puțin.

b) Decolare - LVTO, când RVR scade sub 550m.

1.2.3. Procedurile LVP vor înceta atunci când valoarea RVR crește peste 800m și plafonul norilor crește peste 300ft și este anticipată îmbunătățirea continuă a acestor condiții.

1.3 Detalii privind rularea

1.3.1 Racordurile pistei cu căile de rulare sunt echipate cu lumini axiale codificate verde/galben.

1.4 Observaţii

1.4.1. Rularea aeronavelor pe platforma spre TWY:
La cerere, în cazul rulării de la platformă spre poziția de așteptare la pistă, aeronava va fi dirijată de către Dispecer sol, utilizând bastoane luminoase de culoare roșie, până la intersecția platformei cu calea de rulare, punctul din care aeronava are în câmpul vizual: poziția de așteptare la pistă, iluminată cu STOP BAR și luminile verzi ale axialului căii de rulare.

1.4.2. Rularea aeronavelor pe platforma spre locul de parcare: Daca situația impune, Dispecerul dirijare la sol va fi dublat de un alt Dispecer sol, poziționat într-un punct intermediar al traseului de urmat, la o distanță de siguranță. Aeronava va fi ghidată până la poziția de parcare alocată, utilizând bastoane luminoase de culoare roșie.

1.4.3. În timpul procedurilor LVP, întoarcerea pe pistă a tuturor aeronavelor după aterizarea pe pista 16/34 este permisă numai utilizând platforma de întoarcere

1.4.4. Operarea în condiții simulate de vizibilitate redusă poate fi solicitată de către pilot cu minimum 20 min înainte de ora: minutul estimat de decolare (ETD) / ora: minutul estimat de aterizare (ETA).

1.4.5. În condiții de vizibilitate redusa, operarea pe platforma 2 și calea de rulare D sunt interzise.

LRSV AD 2.23 ADDITIONAL INFORMATION

(1) Warning Bird flocks

Bird flocks are flying within airport area during the whole year, but culminates between May and September. Usually their flight is crossing runway, heading from East to West and vice versa. Species more often observed and monitored: vulture, sparrow, starlings and occasionally seagulls and crows. Caution advised when taking-off and landing.

(2) Accidentally immobilized aircraft removal

2.1 Suceava Airport does not have equipment and machinery for removing aircraft accidentally immobilized on the movement surface and the adjacent safety areas.

2.2 Air Operators are responsible for the removal of aircraft accidentally immobilized on the movement surface and adjacent safety surfaces.

2.3 Suceava Airport can provide airlines with contact details of companies that have equipment and machinery necessary for removal operations

(1) Avertizare stoluri de păsări

Stolurile de păsări zboară în zona aeroportului pe tot parcursul anului, dar culminează în perioada Mai-Septembrie. În mod obişnuit, zborul lor traversează pista, îndreptându-se de la Est la Vest şi invers. Specii mai des observate şi monitorizate: vânturel, vrabie, grauri şi ocazional pescăruşi şi ciori. Se recomandă precauţie la decolare şi aterizare.

(2) Îndepărtare aeronave imobilizate accidental

2.1 Aeroportul Suceava nu dispune de echipamente şi utilaje de înlăturare a aeronavelor imobilizate accidental pe suprafaţa de mişcare şi benzile de siguranţă adiacente.

2.2 Operatorii Aerieni sunt răspunzători de înlăturarea aeronavelor imobilizate accidental pe suprafaţa de mişcare şi benzile de siguranţă adiacente.

2.3 Aeroportul Suceava poate pune la dispoziţie operatorilor aerieni date de contact ale firmelor ce deţin echipamente şi utilaje necesare operaţiunilor de îndepartare.

LRSV AD 2.24 CHARTS RELATED TO THE AERODROME

LRSV AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable

LRTC AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	*Associated MET Office*	TULCEA
2	*Hours of service* *MET Office outside hours*	As ATS
3	*Office responsible for TAF preparation* *Periods of validity* *Interval of issuance*	LROM 9 HR 3 HR, during aerodrome operational hours
4	*Type of landing forecast* *Interval of issuance*	NIL -
5	*Briefing / consultation provided*	Self-briefing; briefing/consultation on request (see row 8)
6	*Flight documentation* *Language(s) used*	Charts, tabular form, abbreviated plain language text Romanian, English
7	*Charts and other information available for briefing or consultation*	SWC, W/T Charts, SIGMET, METAR, TAF.
8	*Supplementary equipment available for providing information*	Tel: +40-(0)240-511420 Fax: +40-(0)240-511420
9	*ATS units provided with information*	TULCEA TWR
10	*Additional information (limitation of service, etc.)*	NIL

LRTC AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	*Dimensions of RWY (M)*	*Strength (PCN) and surface of RWY and SWY*	*THR coord RWY end coord THR geoid undulation*	*THR elevation and highest elevation of TDZ of precision APP RWY*	*Slope of RWY-SWY*
1	2	3	4	5	6	7
34	347.53°	2060 x 45	61/F/C/W/T Asphalt	450314.96N 0284301.80E 450417.99N 0284242.13E GUND 105 FT	THR 137.7 FT TDZ 175.2 FT	1.4% (517 M) 1.7% (544 M) 0.9% (306 M) 0.6% (693 M)
16	167.53°	2060 x 45	61/F/C/W/T Asphalt	450417.99N 0284242.13E 450312.83N 0284302.47E GUND 105 FT	THR 200.0 FT	-0.6% (693 M) -0.9% (306 M) -1.7% (544 M) -1.4% (517 M)

SWY dimensions (M)	*CWY dimensions (M)*	*Strip dimensions (M)*	RESA dimensions *(M)*	*Location and description of ARST system*	*OFZ*	*Remarks*
8	9	10	11	12	13	14
NIL	60 x 180	2180 x 280	228 x 150	NIL	NIL	Threshold displaced from the end of the runway by 67M. Slope on first quarter of RWY 34 exceeding 0.8%
NIL	285 x 180	2180 x 280	228 x 150	NIL	NIL	NIL

LRTC AD 2.13 DECLARED DISTANCES

RWY designator	*TORA (M)*	*TODA (M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	2	3	4	5	6
34	2060	2120	2060	1993	NIL
16	2060	2345	2060	2060	NIL

LRTC 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
34	ALS-II 900M, LIH	Green WBAR	PAPI Left/3° (48 FT)	White, 900M	1080M, 15M, White, LIH 600M, 15M, White/Red, LIH 313M, 15M, Red, LIH	1380M, 60M, White, LIH 613M, 60M, Yellow, LIH	Red -	NIL	RWY 34 edge red 67M can be seen only to approach 180° turn path lighting at THR 34
16	SALS 420M, LIH	Green WBAR	PAPI Left/3° (45 FT)	NIL	1153M, 15M, White, LIH 600M, 15M, White/Red, LIH 307M, 15M, Red, LIH	1453M, 60M, White, LIH 607M, 60M, Yellow, LIH	Red -	NIL	180° turn path lighting at THR 16

LRTC 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*	Landing direction indicator 337.5m FM THR 16 Landing direction indicator 337.5m FM THR 34 NIL
3	*TWY edge and centre line lighting*	TWY edge blue omnidirectional lights LIL, LED. TWY centre line green/green, yellow/green lights, LED.
4	*Secondary power supply/switch-over time*	Secondary power supply to all lighting on the AD; Switch-over time 1 SEC.
5	*Remarks*	NIL

LRTC 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

LRTC AD 2.17 ATS AIRSPACE

1	*Designation and lateral limits*	TULCEA CTR 451745N 0284737E - 450000N 0290557E - 444958N 0283922E - 445424N 0282723E - 451644N 0282959E - FIR boundary - 451745N 0284737E
2	*Vertical limits*	SFC to FL65
3	*Airspace classification*	C
4	*ATS unit call sign* *Language(s)*	Tulcea Tower English, Romanian
5	*Transition altitude*	3000 FT AMSL
6	*Hours of applicability*	W: 0530-1730 S: 0430-1630
7	*Remarks*	1. CTR established during hours of operation of ATS. See NOTAMs for changes. 2. Outside hours of operation of ATS airspace classification is G. 3. Outside hours of operation of ATS it is recommended to monitor Tulcea TWR FREQ and check on FIS FREQ about CTR status.

LRTC 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/TWR	Tulcea Tower	119.755 120.300 MHz ALTN 121.500 MHz EMERG	NIL	NIL	As ATS	Exempted 8.33 kHz State aircraft.

LRCD AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRCD - CISNĂDIE / Măgura

LRCD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	454414N 0240955E , Runway centre
2	*Direction and distance from city*	170°, 6 km from Sibiu / 023°, 3 km from Cisnădie
3	*Elevation/Reference temperature*	1524 FT (463.5 M) / 27.6°C
4	*Geoid undulation at AD ELEV PSN*	120 FT
5	*MAG VAR/ Annual rate of change*	6°E (2020) / 7'E
6	*AD Administration, address, telephone, telefax, e-mail, AFS, website*	SC ARIPILE MĂGURII, str. Şelimbărului nr.34, mun. Cisnădie, jud. Sibiu Tel: +40-(0)723-554792, +40-(0)744-574573 Fax: +40-(0)269-563373 E-mail: dancobuz@yahoo.com Website: - AFS: - SITA: -
7	*Types of traffic permitted (IFR/VFR)*	VFR
8	*Remarks*	NIL

LRCD AD 2.3 OPERATIONAL HOURS

1	*AD Administration*	HX
2	*Customs and immigration*	NIL
3	*Health and sanitation*	NIL
4	*AIS Briefing Office*	NIL
5	*ATS Reporting Office (ARO)*	NIL
6	*MET Briefing Office*	NIL
7	*ATS*	NIL
8	*Fuelling*	NIL
9	*Handling*	NIL
10	*Security*	H24
11	*De-icing*	NIL
12	*Remarks*	Aerodrome operated under PPR condition (Prior Permission Required) submited on WhatsApp (+40-(0)0723-554792). Services are available ON REQUEST submited with 24 hours in advance.

LRCD AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	NIL
2	*Fuel/Oil types*	NIL
3	*Fuelling facilities/capacity*	NIL
4	*De-icing facilities*	NIL
5	*Hangar space for visiting aircraft*	250 M^2, maximum height 4 M
6	*Repair facilities for visiting aircraft*	Ultralights
7	*Remarks*	OPC frequency 131.405 MHZ, call sign "Magura Dispatch"

LRCD AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels, hostels and motels in Sibiu and Cisnadie
2	*Restaurants*	Snack bar on the AD Catering services on request Restaurants in Sibiu and Cisnadie
3	*Transportation*	"Rent-a-car" service on request, taxis from Sibiu and Cisnădie
4	*Medical facilities*	Hospitals in Sibiu and Cisnădie
5	*Bank and Post Office*	In Sibiu and Cisnadie
6	*Tourist Office*	Tourist Info-Center on the AD
7	*Remarks*	NIL

LRCD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	Within AD HR : CAT 1
2	*Rescue equipment*	One car, rescue equipment, 350 l foam and dry chemical powder
3	*Capability for removal of disabled aircraft*	One car only for Ultralights
4	*Remarks*	Rescue and fire fighting services are available only ON REQUEST submited with 24 hours in advance . If the services are not available the flight operations can be done by taking the risks (on their own responsabily of the pilot).

LRCD AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	*Types of clearing equipment*	1 tractor with blade
2	*Clearance priorities*	1. RWY 14/32 2. TWYs A, B 3. APRONs A, B
3	*Remarks*	Information about snow clearance on request , available by phone

LRCD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*	Surface: Strength:	Grass + concrete 5700 kg	
2	*Taxiway designation, width, surface and strength*		TWY A	TWY B
		Width:	8 M	8 M
		Surface:	Grass	Grass
		Strength:	5700 kg	5700 kg
3	*ACL location and elevation*	NIL		
4	*VOR checkpoints*	NIL		
5	*INS checkpoints*	NIL		
6	*Remarks*	NIL		

LRCD 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 on TWY and RWY Signs at holding position
2	*RWY and TWY markings*	RWY: Designation, edge marked (red, yellow, white). TWY: Designation, edge marked.
3	*Stop bars*	NIL
4	*Remarks*	NIL

LRCD AD 2.10 AERODROME OBSTACLES

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

LRCD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

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

LRCD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
14	150.19°	600 x 22	5700Kg, Grass	454422.30N 0240947.85E — GUND 127 FT	THR 1517 FT
32	330.19°	600 x 22	5700 Kg, Grass	454405.43N 0241001.65E — GUND 127 FT	THR 1524 FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
1.2% (200 M)	-	-	660 x 60	NIL	NIL
-1.1% (150 M)	-	-	660 x 60	NIL	NIL

LRCD AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
14	600	600	600	600	NIL
32	600	600	600	600	NIL

LRCD AD 2.14 APPROACH AND RWY LIGHTING

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

LRCD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

LRCD AD 2.16 HELICOPTER LANDING AREA

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

LRCD AD 2.17 ATS AIRSPACE

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

LRCD AD 2.18 ATS COMMUNICATION FACILITIES

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

LRCD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

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

LRCD AD 2.20 LOCAL AERODROME REGULATIONS

Outside of scheduled hours, visiting aircraft may use the aerodrome at their own risk using the following self-maneuvering procedure:

1. Approach flight on TWR SIBIU frequency to the aerodrome ARP (454414N 0240955E) at 2500 FT QNH looking towards the signal area where the windsock and the mobile T are located.
2. Depending on the wind direction indicated by the windsock and the mobile T, choose landing direction with RWY 14/32 in service for landing headwind.
3. With RWY 32 in service, after landing the runway is vacated on TWY A (main) or B (backup) using guidance signs, the aircraft is taxied by engine to the red line marked on the ground before the APRON (A or B).
4. With RWY 14 in service, after landing the aircraft will backtrack then the runway is vacated on TWY A (main) or B (backup), the aircraft is taxied by engine to the red line marked on the ground before the APRON (A or B).
5. With the engine off, manually maneuver the aircraft to one of the parking positions indicated by the panels (A1 or A2, respectively B1 or B2).
6. Turn the aircraft with the nose into the wind and secure using the ground anchors and straps.
7. For departure, the aircraft is manually moved from the parking space to outside the APRON where the engine is started.
8. Taxi on taxiway A or B for RWY in use 14 or 32 (depending on the wind direction indicated by the windsock) so as to take-off with the headwind.
9. The line-up is performed after a careful check of the area so that there is no traffic or obstacles on the landing slope or RWY.

În afara orelor de program, aeronavele vizitatoare pot utiliza aerodromul pe propriul risc, utilizând următoarea procedură de auto-manevră:

1. Zbor de apropiere pe frecvența TWR SIBIU către ARP-ul aerodromului (454414N 0240955E) la 2500 FT QNH privind spre zona de semnalizare unde se află maneca de vânt și T-ul mobil.
2. În funcție de direcția vântului indicată, se alege directia de aterizare cu RWY 14/32 în serviciu pentru aterizarea cu vânt din față.
3. Cu RWY 32 în serviciu, după aterizare se eliberează pista pe TWY A (principală) sau B (de rezervă) folosind panourile de ghidare, aeronava este rulată cu motorul până la linia roșie marcată pe sol înainte de APRON (A sau B).
4. Cu RWY 14 în serviciu, după aterizarea aeronavei se executa back-track, apoi pista este eliberată pe TWY A (principală) sau B (de rezervă), aeronava este rulată cu motorul până la linia roșie marcată pe sol înainte de APRON (A sau B).
5. Cu motorul oprit, se manevrează manual aeronava către una dintre pozițiile de parcare indicate de panouri (A1 sau A2, respectiv B1 sau B2).
6. Se întoarce aeronava cu botul în direcția vântului și se fixează folosind ancorele și chingile de la sol.
7. Pentru plecare, aeronava este mutată manual din locul de parcare în afara APRON unde se pornește motorul.
8. Se rulează pe TWY A sau B pentru pista în serviciu 14 sau 32 (în funcție de direcția vântului indicată de mansa de vânt) astfel încât să se decoleze cu vânt din față.
9. Alinierea se efectuează după o verificare atentă a zonei, astfel încât să nu existe trafic sau obstacole pe panta de aterizare sau pe RWY.

LRCD AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRCD AD 2.22 FLIGHT PROCEDURES

- NIL -

LRCD AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRCD AD 2.24 CHARTS RELATED TO THE AERODROME

LRPW AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRPW - PLOIEŞTI / Gheorghe Valentin Bibescu - Ploieşti

LRPW AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	445525N 0255748E, runway center
2	*Direction and distance from city*	081°, 2 km from Ploiesti / 261°, 0.5 km from Strejnicu
3	*Elevation/Reference temperature/Mean low temperature*	573 FT / 29°C / -5°C
4	*Geoid undulation at AD ELEV PSN*	111 FT
5	*MAG VAR/ Annual rate of change*	6°E (2021) / 7'E
6	*AD Operator, address, telephone, telefax, e-mail, AFS, website*	AD G.V. Bibescu - Ploieşti, Village Strejnicu, No. 6, CP 107592, District Târguşoru Vechi, County Prahova, Romania Tel: +40-(0)244-482014 ~~Fax: +40-(0)244-482095~~ e-mail: info@aviationacademy.ro; aerodrome@aviationacademy.ro website: lrpw.ro
7	*Types of traffic permitted (IFR/VFR)*	VFR
8	*Remarks*	NIL

LRPW AD 2.3 OPERATIONAL HOURS

1	*AD Operator*	MON-FRI W: 0600-1400 S: 0400-1200 SAT and SUN at writing request within 48 hours before.
2	*Customs and immigration*	NIL
3	*Health and sanitation*	NIL
4	*AIS Briefing Office*	NIL
5	*ATS Reporting Office (ARO)*	NIL
6	*MET Briefing Office*	NIL
7	*ATS*	NIL
8	*Fuelling*	NIL
9	*Handling*	NIL
10	*Security*	NIL
11	*De-icing*	NIL
12	*Remarks*	NIL

LRPW AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	NIL
2	*Fuel/Oil types*	NIL
3	*Fuelling facilities/capacity*	NIL
4	*De-icing facilities*	NIL
5	*Hangar space for visiting aircraft*	1024M^2, maximum height 12.5 M
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	OPC (Operational Control) channel 131.455.

LRPW AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels and motels in the city.
2	*Restaurants*	Restaurants in the city.
3	*Transportation*	Taxies and rent-a-car in the city
4	*Medical facilities*	Hospitals in the city.
5	*Bank and Post Office*	In the city.
6	*Tourist Office*	In the city.
7	*Remarks*	NIL

LRPW AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

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

1	*Types of clearing equipment*	1 tractor with snow ploughs, 1 turbine, 1 towed sweepers
2	*Clearance priorities*	1. RWY 07/25 2. TWY 3. Apron 4. Heliport
3	*Use of material for movement area surface treatment*	NIL
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 1.2.2.

LRPW AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*	Surface: Strength:	Concrete 5700 Kg				
2	*Taxiway designation, width, surface and strength*	Designation: Width: Surface: Strength:	A 11 M Asphalt 5700 Kg	B 11 M Asphalt 5700 Kg	C 11 M Asphalt 5700 Kg	D 11 M Asphalt 5700 Kg	E 11 M Grass 5700 Kg
3	*ACL location and elevation*	Location: Elevation:	THR 07 573 FT	THR 25 565 FT			
4	*VOR checkpoints*	NIL					
5	*INS checkpoints*	See Aircraft Parking/Docking Chart, AD 2.19-22.					
6	*Remarks*	NIL					

LRPW 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 all intersections with TWYs and RWY and at all holding positions. Guide lines at apron. Nose-out guidance at aircraft stands. Parking assisted by marshallers at all parking stands (01-05).
2	*RWY and TWY markings and LGT*	RWY: - markings: color white - designation, THR, TDZ, centre line, RWY side stripes, aiming points; - lights: THR lights, end lights, edge lights. TWY: - markings: color yellow – Runway Holding Position (RHP) markings and enhanced centre line marking on TWY A, C, NO ENTRY markings on Exit TWY B, centre line, TWY designations, intermediate holding position and designation markings at TWYs intersections, taxiing guide lines (apron); - lights: blue edge, guard lights (LIH) at Runway Holding Position (RHP) on TWY A and TWY C and on the Exit TWY B. Stop bar at Runway Holding Position (RHP) on TWY A, TWY C and on the Exit TWY B.
3	*Stop bars and runway guard lights*	Red stop bars at all intersections of TWYs with RWY and NO ENTRY bar on TWY B.
4	*Other runway protection measures*	NIL
5	*Remarks*	See Aerodrome Ground Movement Chart, AD 2.19-21.

LRPW AD 2.10 AERODROME OBSTACLES

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

LRPW AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	*Associated MET Office*	BANEASA
2	*Hours of service* *MET Office outside hours*	H24
3	*Office responsible for TAF preparation* *Periods of validity* *Interval of issuance*	NIL
4	*Type of landing forecast* *Interval of issuance*	NIL
5	*Briefing / consultation provided*	Met staff consultation
6	*Flight documentation* *Language(s) used*	Charts, tabular form, abbreviated plain language text Romanian/English
7	*Charts and other information available for briefing or consultation*	On request
8	*Supplementary equipment available for providing information*	Tel: +40-(0)244-482478 Fax: +40-(0)244-482477
9	*ATS units provided with information*	NIL
10	*Additional information (limitation of service, etc.)*	NIL

LRPW AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	*Dimensions of RWY (M)*	*Strength (PCN) and surface of RWY and SWY*	*THR coord* *RWY end coord* *THR geoid undulation*	*THR elevation and highest elevation of TDZ of precision APP RWY*	*Slope of RWY-SWY*
1	2	3	4	5	6	7
07	080.66°	750 x 30	5700 kg Asphalt	445523.27N 0255731.49E 445527.22N 0255805.23E GUND 111 FT	THR 573 FT	-0.33%
25	260.66°	750 x 30	5700 kg Asphalt	445527.22N 0255805.23E 445523.27E 0255731.49E GUND 111 FT	THR 565 FT	0.33%

SWY dimensions (M)	*CWY dimensions (M)*	*Strip dimensions (M)*	*RESA dimensions (M)*	*Location and description of ARST system*	*OFZ*	*Remarks*
8	9	10	11	12	13	14
NIL	NIL	810 x 60	NIL	NIL	NIL	NIL
NIL	NIL	810 x 60	NIL	NIL	NIL	NIL

LRPW AD 2.13 DECLARED DISTANCES

RWY designator	*TORA (M)*	*TODA (M)*	*ASDA (M)*	*LDA (M)*	*Remarks*
1	2	3	4	5	6
07	750	750	750	750	NIL
25	750	750	750	750	NIL

LRPW 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
07	NIL	Green -	PAPI Left/3°	NIL	NIL	500 M, 50 M, White, LIH 250 M, 50 M, Yellow, LIH	Red -	NIL	NIL
25	NIL	Green -	PAPI Left/3°	NIL	NIL	500 M, 50 M, White, LIH 250 M, 50 M, Yellow, LIH	Red -	NIL	NIL

LRPW AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	*ABN / IBN location, characteristics and hours of operation*	NIL
2	*LDI location and LGT* *Anemometer location and LGT*	NIL
3	*TWY edge and centre line lighting*	TWY A, B, C, D Edge Blue.
4	*Secondary power supply/switch-over time*	Secondary power supply to all lighting on the AD, 15 sec.
5	*Remarks*	Apron floodlights and edges blue.

LRPW AD 2.16 HELICOPTER LANDING AREA

1	*Coordinates TLOF or THR of FATO* *Geoid undulation*	445544.20N 0255739.30E 111 FT
2	*TLOF and/or FATO elevation FT/M*	579 FT / 177 M
3	*TLOF and FATO area dimensions, surface, strength, marking*	24 x 24, concrete, 5700 kg, marking H and FATO
4	*True and MAG BRG of FATO*	093.21°/ 273.21°
5	*Declared distance available*	NIL
6	*APP and FATO lighting*	NIL
7	*Remarks*	NIL

LRPW AD 2.17 ATS AIRSPACE

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

LRPW AD 2.18 ATS COMMUNICATION FACILITIES

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

LRPW AD 2.19 RADIO NAVIGATION AND LANDING AIDS

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

LRPW AD 2.20 LOCAL AERODROME REGULATIONS

No more than 5 aircraft in aerodrome traffic circuit. Nu mai mult de 5 aeronave în tur de pistă.

LRPW AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRPW AD 2.22 FLIGHT PROCEDURES

- NIL -

LRHR AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRHR – GHEORGHENI / Remetea

LRHR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	464909N 0252442E, runway centre
2	*Direction and distance from city*	Located in the suburbs of Remetea, in its northern part, 5.3 km from the center of the village
3	*Elevation/Reference temperature/Mean low temperature*	2575 FT / 17,6 °C / -
4	*Geoid undulation at AD ELEV PSN*	129 FT
5	*MAG VAR/ Annual rate of change*	6°E (2021) / 6.6'E
6	*Name of AD operator, address, telephone and telefax numbers, e-mail address, AFS address, website address*	SC REMETE AIR FLY SRL Comuna Remetea, CF nr. 63123 Remetea, nr. cadastral 63123, Judet Harghita Tel: +40 759 990 289 E-mail:office@remeteairfly.ro
7	*Types of traffic permitted (IFR/VFR)*	VFR
8	*Remarks*	NIL

LRHR AD 2.3 OPERATIONAL HOURS

1	*AD Operator*	HX
2	*Customs and immigration*	NIL
3	*Health and sanitation*	NIL
4	*AIS Briefing Office*	NIL
5	*ATS Reporting Office (ARO)*	NIL
6	*MET Briefing Office*	NIL
7	*ATS*	NIL
8	*Fuelling*	NIL
9	*Handling*	NIL
10	*Security*	H24
11	*De-icing*	NIL
12	*Remarks*	Outside AD operational hours services are available on request, submitted to the AD not later than 24 hours in advance. Basic weather informations are available on request by the AD Operator.

LRHR AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	NIL
2	*Fuel/Oil types*	NIL
3	*Fuelling facilities/capacity*	NIL
4	*De-icing facilities*	NIL
5	*Hangar space for visiting aircraft*	NIL
6	*Repair facilities for visiting aircraft*	NIL
7	*Remarks*	OPC (Operational Control) on 131.460.

LRHR AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in Gheorgheni, Pensions in Remetea
2	*Restaurants*	Restaurants in Gheorgheni
3	*Transportation*	Bus from Gheorgheni to Remetea and return, taxi from Gheorgheni
4	*Medical facilities*	Hospital in Gheorgheni, Fist aid service in Remetea
5	*Bank and Post Office*	Remetea and Gheorgheni
6	*Tourist Office*	Tourist Info Center in Remetea and Gheorgheni
7	*Remarks*	NIL

LRHR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	Within AD HR: CAT 5.
2	*Rescue equipment*	One fire truck, foam, and dry chemical powder
3	*Capability for removal of disabled aircraft*	Tractor
4	*Remarks*	NIL

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

1	*Types of clearing equipment*	Unimog with plough, brush and spreader
2	*Clearance priorities*	1. RWY 09/27 2. TWY A, B 3. APRON 1, APRON 2 4. Other surfaces
3	*Use of material for movement area surface treatment*	Fluids and Solid materials used for RWY de/anti-icing
4	*Specially prepared winter runways*	NIL
5	*Remarks*	Information on RWY surface condition in Global Reporting Format is published by SNOWTAM. Other information on the progress of the snow removal and the conditions of the movement area: Tel.: +40 759 990 289

LRHR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	*Apron designation, surface and strength*	Designation Surface Strength	APRON 1 Concrete PCR 410/R/C/W/T	APRON 2 Concrete PCR 410/R/C/W/T
2	*Taxiway designation, width, surface and strength*	Designation Width Surface Strength	TWY A 18 M Concrete PCR 410/R/C/W/T	TWY B 15 M Concrete PCR 410/R/C/W/T
3	*Altimeter checkpoints location and elevation*	NIL		
4	*VOR checkpoints*	NIL		
5	*INS checkpoints*	NIL		
6	*Remarks*	In emergency situation, stand 1 is assigned as isolated aircraft position		

LRHR 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*	Guidance markings to each apron stand consist of a yellow continuous line. APRON 1: Stand 1 APRON 2: Stand 2, 3 Signals on holding points. Taxi guides on TWY and RWY.
2	*RWY and TWY markings and LGT*	RWY: -markings: Color white: Designation, center line, edges, aiming point, Color yellow: Turn pad markings; -lights: NIL TWY: -markings: Colour yellow: Centre line, edges, taxi holding position; -lights: NIL
3	*Stop bars and runway guard lights*	NIL
4	*Other RWY protection measure*	NIL
5	*Remarks*	NIL

LRHR 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
LRHR_1	ANTENNA	465409.7N 0252712.3E	2979/88 FT	NIL	NIL
LRHR_4	BUILDING	465008.4N 0252313.0E	2772/46 FT	NIL	NIL
LRHR_107	TREE	464850.9N 0252504.9E	2553/67 FT	NIL	NIL
LRHR_108	TREE	464850.3N 0252514.0E	2542/68 FT	NIL	NIL
LRHR_109	TREE	464850.2N 0252513.0E	2548/73 FT	NIL	NIL
LRHR_173	TREE	464850.0N 0252448.3E	2583/81 FT	NIL	NIL
LRHR_194	ANTENNA	465058.3N 0252823.6E	2909/104 FT	NIL	NIL
LRHR_248	POLE	465323.2N 0252902.6E	2926/111 FT	NIL	NIL

a	b	c	d	e	f
LRHR_250	POLE	465327.5N 0252913.4E	3190/117 FT	NIL	NIL
LRHR_251	POLE	465325.1N 0252909.8E	3071/94 FT	NIL	NIL
LRHR_252	POLE	465333.3N 0252921.8E	3317/117 FT	NIL	NIL
LRHR_338	POLE	464750.8N 0252412.3E	2677/73 FT	NIL	NIL
LRHR_361	POLE	464851.3N 0252509.7E	2560/75 FT	NIL	NIL
LRHR_751	NATURAL HIGHPOINT	464814.1N 0253151.0E	3127/ - FT	NIL	NIL
LRHR_800	NATURAL HIGHPOINT	465307.4N 0252947.9E	3632/66 FT	NIL	NIL
LRHR_896	NATURAL HIGHPOINT	465201.8N 0251919.6E	3721/98 FT	NIL	NIL
LRHR_910	NATURAL HIGHPOINT	464859.3N 0251820.4E	4974/115 FT	NIL	NIL
LRHR_912	NATURAL HIGHPOINT	464823.2N 0252146.2E	3553/82 FT	NIL	NIL
LRHR_913	NATURAL HIGHPOINT	464544.9N 0252043.7E	4601/115 FT	NIL	NIL
LRHR_914	NATURAL HIGHPOINT	464703.6N 0252049.4E	4094/98 FT	NIL	NIL

		In Area 3			
OBST ID/ Designation	*OBST type*	*OBST position*	*ELEV/HGT*	*Markings/ Type, colour*	*Remarks*
a	b	c	d	e	f
NIL	NIL	NIL	NIL	NIL	NIL

LRHR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

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

LRHR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

RWY Designator	*TRUE BRG*	*Dimensions of RWY (M)*	*Strength (PCR) and surface of RWY and SWY*	*THR coord RWY end coord THR geoid undulation*	*THR elevation and highest elevation of TDZ of precision APP RWY*	*Slope of RWY-SWY*
1	2	3	4	5	6	7
09	092.57°	1100 X 30	410/R/C/W/T Concrete	464910.15N 0252416.06E 464908.56N 0252507.91E GUND 129 FT	THR 2575 FT	-1,85% (40M) -1,35% (60M) -1,5% (120M) -1,65% (780M) -1,95% (100M)
27	272.56°	1100 X 30	410/R/C/W/T Concrete	464908.56N 0252507.91E 464910.15N 0252416.06E GUND 129 FT	THR 2513 FT	1,95% (100M) 1,65% (780M) 1,5 % (120M) 1,35% (60M) 1,85% (40M)

SWY dimensions (M)	*CWY dimensions (M)*	*Strip dimensions (M)*	*RESA dimensions (M)*	*Location and description of ARST system*	*OFZ*	*Remarks*
8	9	10	11	12	13	14
NIL	180 x 150	1220 x 140	120 x 60	NIL	NIL	NIL
NIL	NIL	1220 x 140	120 x 60	NIL	NIL	NIL

LRHR AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	1100	1280	1100	1100	NIL
27	1100	1100	1100	1100	NIL

LRHR AD 2.14 APPROACH AND RWY LIGHTING

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

LRHR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

LRHR AD 2.16 HELICOPTER LANDING AREA

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

LRHR AD 2.17 ATS AIRSPACE

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

LRHR AD 2.18 ATS COMMUNICATION FACILITIES

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

Changes: Bearing Strength.

AERODROME CHART - ICAO

46°49'09" N
025°24'42" E
ELEV 2575 FT

OPC 131.460

GHEORGHENI / Remetea (LRHR)

RWY	DIRECTION	THR	BEARING STRENGTH
09	086°	46°49'10"N 025°24'16"E	PCR 410/R/C/W/T
27	266°	46°49'09"N 025°25'08"E	PCR 410/R/C/W/T
HELIPORT			

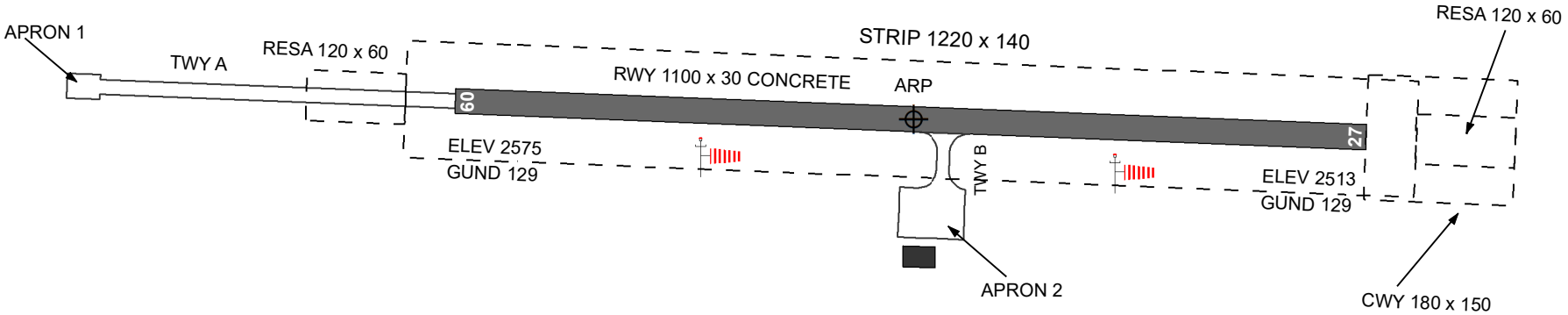
APRON	PCR 410/R/C/W/T CONCRETE
TWY	PCR 410/R/C/W/T CONCRETE

TAXIWAY A 18 m WIDE
TAXIWAY B 15 m WIDE

ELEVATIONS IN FEET
DIMENSIONS IN METRES

VAR 6°E 2021

ANNUAL RATE
OF CHANGE 6.6'E



1:8000

0 150 300 600 m

0 500 1,000 2,000 ft

LEGEND	
⊕	ARP
	WIND DIRECTION INDICATOR (WDI)
■	BUILDINGS

LRCR AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRCR - BRAȘOV / Corona

LRCR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	*ARP coordinates and site at AD*	454051N 0254442E, RWY centre.
2	*Direction and distance from city*	075°, 11 KM from Brașov
3	*Elevation/Reference temperature/mean low temperature*	1880 FT / 12.7°C / -17.5°C
4	*Geoid undulation at AD ELEV PSN*	124 FT
5	*MAG VAR/ Annual rate of change*	6°E (2022) / 7'E
6	*AD Operator, address, telephone, telefax, telex, AFS*	SC INMAACRO SRL SACELE, Str. AVRAM IANCU, nr. 86, jud. BV Mobil: (+4) 0722.361251 E-mail: dan.popescu@inmaacro.com
7	*Types of traffic permitted (IFR/VFR)*	VFR
8	*Remarks*	NIL

LRCR AD 2.3 OPERATIONAL HOURS

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

LRCR AD 2.4 HANDLING SERVICES AND FACILITIES

1	*Cargo-handling facilities*	NIL
2	*Fuel/Oil types*	NIL
3	*Fuelling facilities/capacity*	NIL
4	*De-icing facilities*	NIL
5	*Hangar space for visiting aircraft*	500 M^2 (for 6 ultralights), maximum entrance height 3.0 M.
6	*Repair facilities for visiting aircraft*	Only for ultralights.
7	*Remarks*	OPC on 131.490 Services are available on request submitted to the AD with 24 hours in advance.

LRCR AD 2.5 PASSENGER FACILITIES

1	*Hotels*	Hotels in Brașov, hostel & pension in Prejmer
2	*Restaurants*	Restaurants in Brașov / Snack bar on the AD / Catering services on request
3	*Transportation*	Local bus / Taxi / “Rent-a-car” service on request.
4	*Medical facilities*	In Brașov
5	*Bank and Post Office*	In Brașov
6	*Tourist Office*	InfoPoint at the AD
7	*Remarks*	NIL

LRCR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	*AD category for fire fighting*	CAT 2 / Within AD operational hours (on request)
2	*Rescue equipment*	One firetruck , rescue equipment, foam and dry chemical powder
3	*Capability for removal of disabled aircraft*	One car only for Ultralights
4	*Remarks*	NIL

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

1	*Types of clearing equipment*	1 tractor with blade
2	*Clearance priorities*	1. Access road 2. RWY 17/35 3. APRON
3	*Use of material for movement area surface treatment*	NIL
4	*Specially prepared winter runways*	NIL
5	*Remarks*	Information about snow clearance on request, available by phone.

LRCR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

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

LRCR 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*	Ground marking for stand 01
2	*RWY and TWY markings and LGT*	RWY -Markings : Designation -Lights : NIL
3	*Stop bars and runway guard lights*	NIL
4	*Other RWY protection measure*	NIL
5	*Remarks*	Direct access from APRON to RWY via grass strip

LRCR AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	*OBST type*	*OBST position*	*ELEV/HGT*	*Markings/ Type, colour*	*Remarks*
a	b	c	d	e	f
NIL	NIL	NIL	NIL	NIL	NIL

In Area 3					
OBST ID/ Designation	*OBST type*	*OBST position*	*ELEV/HGT*	*Markings/ Type, colour*	*Remarks*
a	b	c	d	e	f
NIL	NIL	NIL	NIL	NIL	NIL

LRCR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

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

LRCR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

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

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

LRCR AD 2.13 DECLARED DISTANCES

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

LRCR AD 2.14 APPROACH AND RWY LIGHTING

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

LRCR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

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

LRCR AD 2.16 HELICOPTER LANDING AREA

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

LRCR AD 2.17 ATS AIRSPACE

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

LRCR AD 2.18 ATS COMMUNICATION FACILITIES

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

LRCR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

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

LRCR AD 2.20 LOCAL AERODROME REGULATIONS

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

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

LRCR AD 2.21 NOISE ABATEMENT PROCEDURES

- NIL -

LRCR AD 2.22 FLIGHT PROCEDURES

- NIL -

LRCR AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRCR AD 2.24 CHARTS RELATED TO THE AERODROME

LRCR AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable

AERODROME CHART - ICAO

45˚40'51" N
025˚44'42" E

ELEV 1880 FT

OPC 131.490

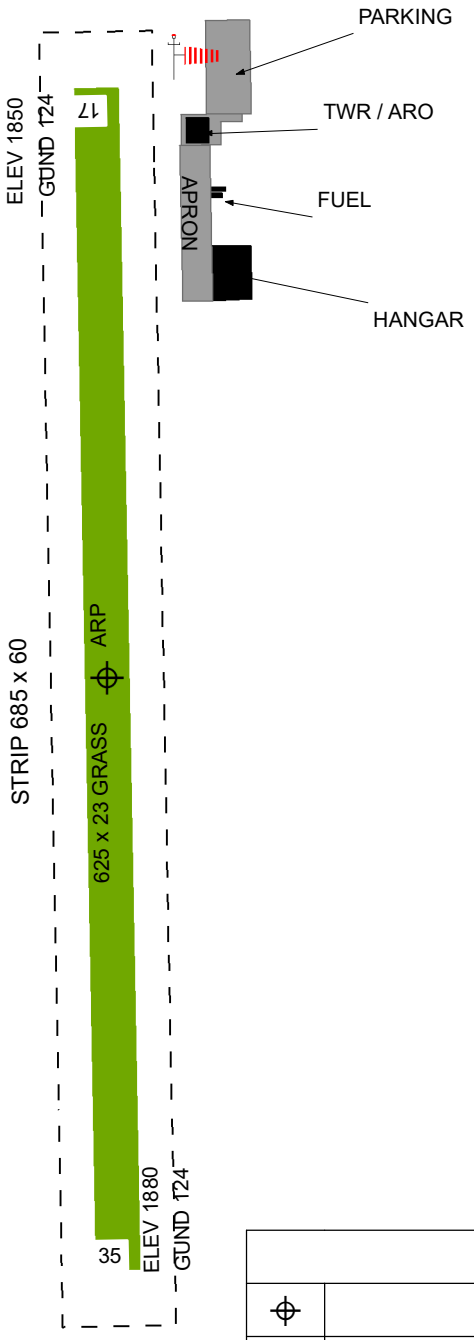
BRAȘOV / Corona (LRCR)

RWY	DIRECTION	THR	BEARING STRENGTH
17	171°	45°41'01"N 025°44'41"E	5700 KG GRASS
35	351°	45°40'41"N 025°44'43"E	
HELIPORT			

APRON	CONCRETE 5700 KG

ELEVATIONS IN FEET
DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC

VAR 6°E 2022
ANNUAL RATE OF CHANGE 7'E



LEGEND	
⊕	ARP
	WIND DIRECTION INDICATOR (WDI)
	RWY (GRASS)
	BUILDINGS
	PLATFORM (CONCRETE)

1:4000

0 50 100 200 Meters

0 200 400 800 Feet

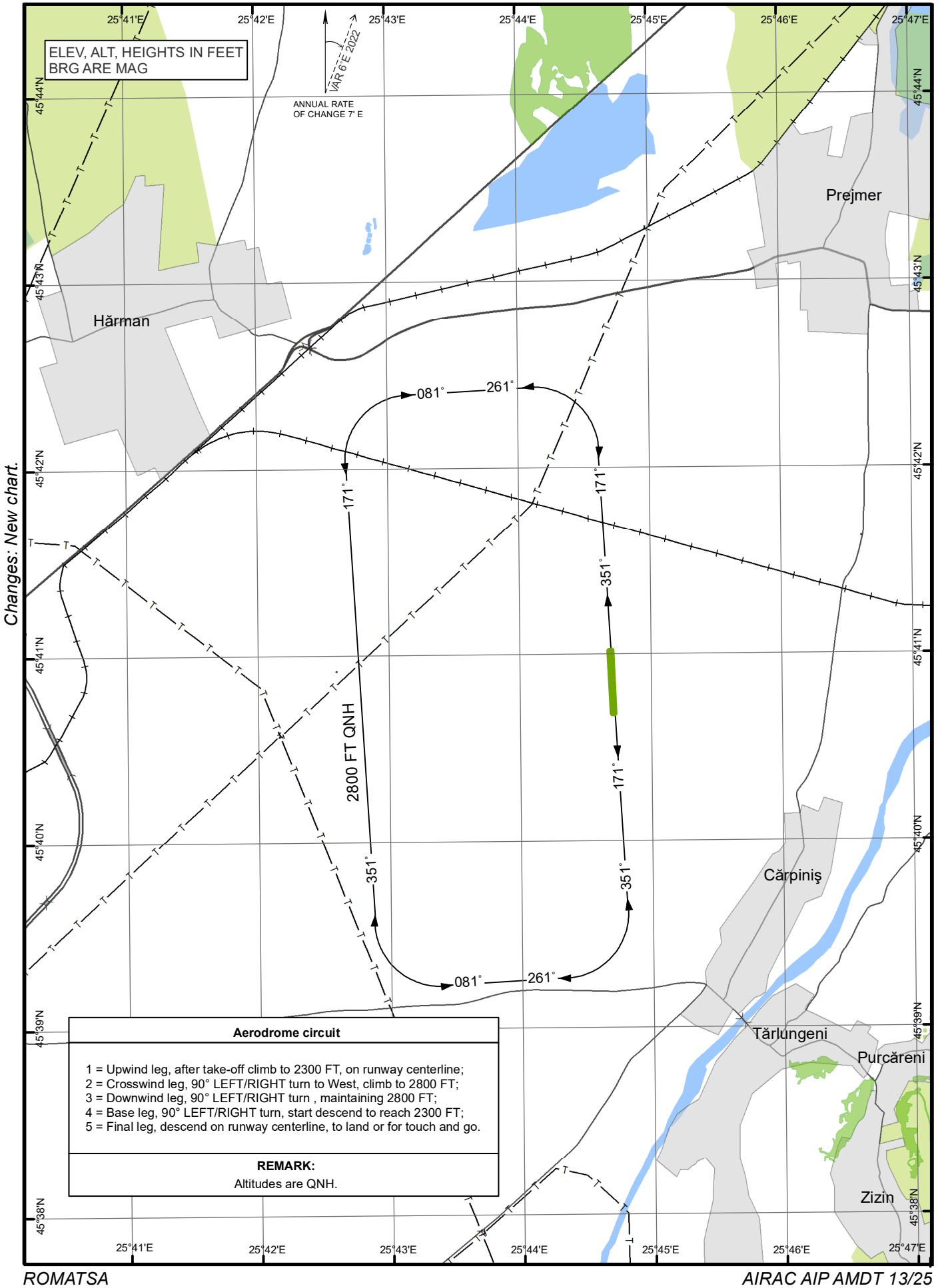
Changes: New chart.

VISUAL OPERATIONS CHART AD ELEV 1880 FT **BRAȘOV / Corona (LRCR)**

OPC 131.490

RWY 17/35

Aerodrome Traffic Circuit



Aerodrome circuit

1 = Upwind leg, after take-off climb to 2300 FT, on runway centerline;
2 = Crosswind leg, 90° LEFT/RIGHT turn to West, climb to 2800 FT;
3 = Downwind leg, 90° LEFT/RIGHT turn , maintaining 2800 FT;
4 = Base leg, 90° LEFT/RIGHT turn, start descend to reach 2300 FT;
5 = Final leg, descend on runway centerline, to land or for touch and go.

REMARK:
Altitudes are QNH.

Changes: New chart.