

LRTM AD 2.1 AERODROME LOCATION INDICATOR AND NAME
LRTM – TÂRGU MUREŞ / Transilvania – Târgu Mureş**LRTM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	462804N 0242445E Runway centre.
2	Direction and distance from city	225°, 14 km from Târgu Mureş.
3	Elevation/Reference temperature	963 FT / 22.6°C
4	Geoid undulation at AD ELEV PSN	129 FT
5	MAG VAR/ Annual rate of change	4°E (2009) / 2.4'E
6	AD Administration, address, telephone, telefax, telex, AFS	Aeroportul Târgu Mureş/Transilvania, cod 547612 Tel: + 40 - (0)265 - 232 738 / 328259 Telefax: + 40 - (0)265 - 263 050 Fax: + 40 - (0)265 - 328 257 e-mail: tmuresairport@rdslink.ro web: www.targumuresairport.ro AFS: LRTMRAYD SITA: TGMYDXH
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Nil

LRTM AD 2.3 OPERATIONAL HOURS

1	AD Administration	W: 0500 - 1700; S: 0400 - 1600
2	Customs and immigration	As AD Administration
3	Health and sanitation	As AD Administration
4	AIS Briefing Office	W: 0500 - 1700; S: 0400 - 1600
5	ATS Reporting Office (ARO)	W: 0500 - 1700; S: 0400 - 1600
6	MET Briefing Office	W: 0500 - 1700; S: 0400 - 1600
7	ATS	W: 0500 - 1700; S: 0400 - 1600
8	Fueling	As AD Administration
9	Handling	As AD Administration
10	Security	As AD Administration
11	De-icing	As AD Administration
12	Remarks	Outside the operational hours services are available O/R, submitted to the AD not later than 1200.

LRTM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	1 truck 1.5 t. up to 3 t handling possible; 2 conveyor belt truck up to 3,5t; 1 electric car with trolley up to 3 t, 1 GPU 28.5V, 1 GPU 115V-200V, 400Hz, 2 passenger stairs, 1 air starter.
2	Fuel/Oil types	T 1 kerosene / Nil
3	Fueling facilities/capacity	1 refueling trucks of 22.000 l, refueling rate: 450 l/min 1 refueling trucks of 7.000 l, refueling rate: 380 l/min
4	De-icing facilities	1 de-icing unit with fluid type II
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Handling services available within AD HR or by arrangement with the AD Administration.

LRTM AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotels in the city.
2	Restaurants	Bar and restaurant on the AD.
3	Transportation	Buses, taxis.
4	Medical facilities	First aid on the AD. Hospitals in the city.
5	Bank and Post Office	In the city.
6	Tourist Office	In the city.
7	Remarks	Nil

LRTM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Within AD HR: CAT 7
2	Rescue equipment	Yes
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Outside AD HR, fire fighting services are available on request, submitted to the AD not later than 1200.

LRTM AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	1 scrapper, 2 tractors with blade and brush, 1 urea spreading equipment and 1 runway deicing equipment with fluid SAFEWAY
2	Clearance priorities	1. RWY 07/25 2. Associated TWY to apron 3. Apron
3	Remarks	Information on snow clearance published from November - April in NOTAM (SNOWTAM). See also the snow plan in section AD 1.2.2.

LRTM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Concrete Strength: PCN 45 R/A/W/T
2	Taxiway width, surface and strength	Width: 23 M Surface: Concrete Strength: PCN 45 R/D/W/T
3	ACL location and elevation	Nil
4	VOR checkpoints	Nil
5	INS checkpoints	See AD 2.15-22
6	Remarks	RWY turning bay: Location THR 07 and THR 25 Strength : PCN 45 R/D/W/T

LRTM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Taxiing guidance signs at intersection with TWY and RWY, at holding positions. Guide lines on the apron. Nose-in guidance at aircraft stands.
2	RWY and TWY markings	RWY: Designation, THR, centre line, edges, marked as appropriate, aiming point, TDZ; TWY: Centre line, holding position at RWY/TWY intersections marked.
3	Stop bars	Red stop bar.
4	Remarks	Nil

LRTM AD 2.10 AERODROME OBSTACLES

In approach / TKOF areas			In circling area and at AD		Remarks
1			2		
RWY/Area affected	Obstacle type Elevation (FT) Markings/LGT	Coordinates	Obstacle type Elevation (FT) Markings/LGT	Coordinates	
a	b	c	a	b	
07/APCH 25/TKOF	TWR 1048 LGTD Mast/Water tower 1109 Nil Antenna 1074 Nil Church 1094 LGTD Antenna 1016 LGTD Building 1239 Nil Water tower 1078 Nil	462801.45N 0242523.37E 462843.15N 0242820.41E 462714.54N 0242147.47E 462734.55N 0242119.87E 462742.00N 0242252.74E 462858.40N 0242940.59E 462830.36N 0242507.06E	Building 1577 Nil Hill 1586 UNMARKED Building 1577 Nil Hill 1681 UNMARKED Building 1730 Nil Hill 1733 UNMARKED	462938.11N 0242441.60E 462848.75N 0242028.73E 463023.28N 0242529.93E 463124.87N 0242449.36E 463310.49N 0242316.46E 462524.45N 0242729.28E	Nil

1			2		3
a	b	c	a	b	
Building		462735.22N			Nil
1100		0242412.91E			
Nil					
Mast		462736.98N			
1076		0242606.62E			
Nil					
Hill		462848.75N			
1586		0242028.73E			
UNMARKED					
Hill		462812.47N			
1500		0241940.69E			
UNMARKED					
Hill		462747.27N			
1381		0241901.95E			
UNMARKED					
Mast		462708.03N			
1211		0242343.25E			
Nil					
Mast		462638.96N			
1397		0242349.32E			
Nil					
Mast		462656.35N			
1236		0242243.70E			
Nil					
Antenna		462835.97N			
1112		0242725.72E			
LGTD					
Antenna		462836.29N			
1104		0242726.15E			
LGTD					

LRTM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	TÂRGU MUREŞ
2	Hours of service	H24
	MET Office outside hours	-
3	Office responsible for TAF preparation	LROM
	Periods of validity	9 HR
4	Type of landing forecast	-
	Interval of issuance	-
5	Briefing / consultation provided	MET staff consultation, AWOS terminal
6	Flight documentation	Charts, tabular form, abbreviated plain language text
	Language(s) used	Romanian, English
7	Charts and other information available for briefing or consultation	On request: P ₈₅ , P ₇₀ , P ₅₀ , P ₄₀ , P ₃₀ , P ₂₅ , P ₂₀ , SWM
8	Supplementary equipment available for providing information	Tel./Fax: +40-(0)265-32 82 51
9	ATS units provided with information	TÂRGU MUREŞ TWR
10	Additional information (limitation of service, etc.)	Nil

LRTM AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR co-ordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
07	074.20°	2000 x 45	45 R/D/W/T Concrete	462755.01N 0242400.25E 462812.59N 0242530.19E GUND 129 FT	THR 963 FT
25	254.22°	2000 x 45	45 R/D/W/T Concrete	462812.53N 0242529.92E 462754.96N 0242359.98E GUND 129 FT	THR 963 FT
Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0% (1 000 M)	Nil	275 x 300	2120 x 300	Nil	Nil
0% (1 000 M)	Nil	240 x 300	2120 x 300	Nil	Nil

LRTM AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
07	2000	2300	2000	2000	Nil
25	2000	2300	2000	2000	Nil

LRTM 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	ALS CAT II 900 M	Green	PAPI 3.0°	White 900	300M, 30M, White, LIH 600M, 30M, Red/White, LIH FM 900M, 30M, White, LIH	1400M, 59M White, LIH 600M, 59M Yellow, LIH	Red -	Nil	Nil
25	Simplified ALS 420 M	Green	PAPI 3.0°	Nil	300M, 30M, White, LIH 600M, 30M, Red/White, LIH FM 900M, 30M, White, LIH	1400M, 59M White, LIH 600M, 59M Yellow, LIH	Red -	Nil	Nil

LRTM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	On the TWR building, H24.
2	LDI location and LGT Anemometer location and LGT	Nil 315°, 160 M from touch down point RWY 07.
3	TWY edge and centre line lighting	TWY edge blue. TWY centre line: green/yellow, green/green.
4	Secondary power supply/switch-over time	Secondary power supply to all lighting on the AD. Switch-over time 1 s.
5	Remarks	Nil

LRTM AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	Nil Nil
2	TLOF and/or FATO elevation MFT	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

LRTM AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Târgu Mureş CTR A circle, radius 10NM centred at 462804N 0242445E (ARP)
2	Vertical limits	SFC to 7500 FT STD
3	Airspace classification	Class C, Class G outside ATS operational hours
4	ATS unit call sign Language(s)	Târgu Mureş Tower English, Romanian
5	Transition altitude	4000 FT MSL
6	Remarks	Nil

LRTM AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Târgu Mureş Tower	125.900 MHZ	W: 0500 - 1700 S: 0400 - 1600	Nil
APP	Târgu Mureş Tower	125.900 MHZ	W: 0500 - 1700 S: 0400 - 1600	Nil

LRTM 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 (FT)	Remarks
1	2	3	4	5	6	7
NDB(LO)	TGM	428 KHz	H24	462648.9N 0241823.7E		251° MAG / 4 NM from THR 07
OM	Dashes	75 MHz	W:0500-1700 S:0400-1600	462649.0N 0241824.0E		251° MAG / 4 NM from THR 07
LM	D	373 KHz	W:0500-1700 S:0400-1600	462741.8N 0242252.6E		251° MAG / 0.81 NM from THR 07
MM	Dots Dashes	75 MHz	W:0500-1700 S:0400-1600	462741.8N 0242252.8E		251° MAG / 0.81 NM from THR 07
LLZ 07 4°E/2009 ILS CAT II	ITM	109.900 MHz	H24	462815.1N 0242543.3E		Front course angle 5.25° No back course
GP 07	-	332.800 MHz	H24	462754.4N 0242416.2E		GP Angle 3.0°, ILS RDH 54 FT
DME	ITM	CH 36X	H24	462754.2N 0242416.4E	1000	

LRTM AD 2.20 LOCAL TRAFFIC REGULATIONS

- NIL -

LRTM AD 2.21 NOISE ABATEMENT PROCEDURES

- See AD 1.1-3 -

LRTM AD 2.22 FLIGHT PROCEDURES

- NIL -

LRTM AD 2.23 ADDITIONAL INFORMATION

- NIL -

LRTM AD 2.24 CHARTS RELATED TO THE AERODROME

Aerodrome Chart - ICAO	AD 2.15-20
Aircraft Parking/Docking Chart - ICAO	AD 2.15-22
Aerodrome Obstacle Chart - ICAO - Type A	
RWY 07	AD 2.15-25
RWY 25	AD 2.15-26
Instrument Approach Charts - ICAO	
RWY 07 ILS - CAT A / B	AD 2.15-51
RWY 07 ILS - CAT C / D	AD 2.15-52
RWY 07 NDB - CAT A / B	AD 2.15-91
RWY 07 NDB - CAT C / D	AD 2.15-92