

**GIARMATA AD 2.8.1 AERODROME LOCATION INDICATOR AND NAME –
LRTR GIARMATA**

GIARMATA AD 2.8.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	AD reference point coordinates and site at heliport	4548.35N 02120.16E
2.	Direction and distance from the town	6 NM NE TIMISOARA
3.	Elevation / Reference temperature	106 m (348 FT)
4.	MAG VAR / Annual rate of change	7,2' E
5.	Aerodrome Administration, address, phone, fax telex, AFS	Address: UM 01930 E Giarmata, loc. Ghiroda, Timiș County, ZIP 307200; Tel. +40 – (0)256 494 359 Fax. +40 – (0)256 494 357
6.	Types of traffic permitted (IFR/VFR)	IFR/VFR
7.	Remarks	Nil

GIARMATA AD 2.8.3 OPERATIONAL HOURS

1.	AD administration	08:00-16:00LT
2.	Customs and immigration	In cooperation with the customs office and the border crossing control point of Timișoara International Airport
3.	Health and sanitation	General medicine department 08:00-16:00LT
4.	AIS Briefing Office	Timișoara International Airport administration
5.	ATS Reporting Office	Timișoara International Airport administration
6.	MET Briefing Office	Timișoara International Airport administration
7.	ATS	Timișoara International Airport administration
8.	Fueling service	on request
9.	Handling	Nil
10.	Security	24/7
11.	De-icing	Nil
12.	Remarks	Nil

GIARMATA AD 2.8.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	1 truck; 1 forklift 3,5 t
2.	Fuel	Kerosen JET A1(on request F34/F35)
3.	Fuel facilities/capacity	Fuel truck 10.000 l ; fuel truck 5.000 l
4.	Oxygen	2 medical oxygen tubes x 12 l (150 atm)
5.	Oil stocking	700.000 l (7 tanks x 100.000 l)
6.	Power units	Aircraft startup and control TLD - 28 V / 115 V/400 Hz / 800 KW and GUINAULT 28 V / 115 V/400 Hz/1200 KW
7.	Storage space for visiting aircrafts	On request, only for small aircrafts and helicopters
8.	Aircraft movement	No
9.	Repairing facilities for visiting aircrafts	Nil
10.	Remarks	Nil

GIARMATA AD 2.8.5 PASSENGER FACILITIES

1.	Hotels	In Timisoara.
2.	Restaurants	In Timisoara.
3.	Transport	On request
4.	Medical facilities	Hospitals in Timisoara
5.	Bank/post office	In Timisoara.
6.	Tourism office	In Timisoara.
7.	Remarks	Nil

GIARMATA AD 2.8.6 RESCUE AND FIRE FIGHTING SERVICES

1.	Heliport category for fire fighting	1 firetruck (8000l) with water and foam
2.	Rescue equipment	Nil
3.	Capability for removal of disabled helicopter	Nil
4.	Remarks	Nil

GIARMATA AD 2.8.7 SEASONAL AVAILABILITY – CLEARING

1.	Types	Nil
2.	Cleaning priority	Nil
3.	Remarks	Nil

GIARMATA AD 2.8.8 APRONS, TAXIWAYS, CHECK LOCATIONS DATA

1.	Apron surface, strenght	Concrete , 34 PCN (unverified)
2.	Taxiways width, surface and strength	TWY D and TWY E 15 M, concrete
3.	ACL location and elevation	Nil
4.	INS check points	Nil
5.	Remarks	RWY turning bay: Location RWY 11 END Surface: concrete Dimensions: 100Mx27M Strenght: 45/R/D/W/T

GIARMATA AD 2.8.9 SURFACE MOVEMENT GUIDANCE AND MARKINGS

1.	Use of helicopter stand ID signs, TWY guide lines and visual docking/parking guidance system	TWY D and TWY E: yellow centerline marking
2.	TLOF and TWY markings	white letter H for parking positions
3.	Stop bars	TWY D

GIARMATA AD 2.8.10 AERODROME OBSTACLES

OBST ID	OBST type	OBST position	ELEV/HGT	Markings/ Type,colour	Remarks
1_A	Control tower	454837.7N 0211910.8E	453/111 FT	Marked / LGT R	
3_A	ANTENNA	454815.3N 0212119.9E	359/20 FT	Marked / LGT R	
8.1	NAVAID	454805.8N 0212218.9E	378/38 FT	Marked / -	
12	BUILDING	454746.7N 0211928.3E	434/111 FT	-/-	
14	WATER_TOWER	454748.9N 0211924.1E	466/141FT	-/-	

15	ANTENNA	454734.3N 0211912.9E	461/144 FT	Marked / LGT R
16	ANTENNA	454825.4N 0212116.5E	394/56 FT	Marked / LGT R
22_1	ANTENNA	454901.3N 0211843.1E	355/10 FT	Marked / LGT R
23	ANTENNA	454901.3N 0211843.1E	356/14 FT	Marked / LGT R
27	ANTENNA	454901.0N 0211843.0E	355/13 FT	Marked / LGT R
31	ANTENNA	454859.1N 0211841.8E	351/10 FT	Marked / LGT R
32	POLE	454858.8N 0211843.1E	351/10 FT	Marked / LGT R
36	BUILDING	454902.1N 0211843.3E	356/13 FT	Marked / LGT R
40	NAVAID	454904.7N 0211819.4E	388/49 FT	Marked / LGT R
53	ANTENNA	455107.0N 0211828.9E	533/76 FT	-/-
57	ANTENNA	455048.5N 0211833.8E	560/94 FT	Marked / LGT R
63	POLE	454751.7N 0211720.9E	473/147 FT	-/-
65	ANTENNA	455057.4N 0211914.6E	549/101 FT	Marked / LGT R
66	DOME	455031.7N 0211901.7E	498/92 FT	-/-
70	ANTENNA	454855.5N 0211911.7E	359/14 FT	Marked / LGT R
71	ANTENNA	454854.9N 0211915.4E	365/13 FT	Marked / LGT R
72	ANTENNA	454854.7N 0211915.1E	392/47 FT	Marked / LGT R
73	ANTENNA	454853.9N 0211920.9E	375/27 FT	Marked / LGT R
74	ANTENNA	454853.8N 0211921.4E	381/34 FT	Marked / LGT R
78	POLE	454852.0N 0211921.2E	364/18 FT	Marked / LGT R
79	ANTENNA	454825.5N 0212115.8E	375/37 FT	Marked / LGT R
81	POLE	454818.8N 0212111.4E	357/20 FT	Marked / LGT R
82	ANTENNA	454816.3N 0212115.8E	392/54 FT	Marked / LGT R
83	ANTENNA	454816.2N 0212115.4E	351/13 FT	Marked / LGT R
84	ANTENNA	454816.1N 0212115.6E	358/19 FT	Marked / LGT R
85	ANTENNA	454815.7N 0212144.0E	355/12 FT	Marked / LGT R
113a	NAVAID	454813.7N 0212142.6E	354/10 FT	Marked / LGT R
257	POLE	454839.6N 0211907.9E	412/71 FT	Marked / LGT R

266	POLE	454837.9N 0211910.2E	408/65 FT	Marked / LGT R
285	POLE	454836.4N 0211916.0E	414/72 FT	Marked / LGT R
299	POLE	454835.6N 0211919.4E	415/74 FT	Marked / LGT R
307	POLE	454834.7N 0211922.6E	411/70 FT	Marked / LGT R
309	POLE	454834.0N 0211925.3E	406/66 FT	Marked / LGT R
738	POLE	454739.4N 0211726.6E	473/151 FT	-/-
739	POLE	454744.8N 0211726.0E	485/152 FT	-/-
874	TREE	454824.8N 0212004.3E	428/85 FT	-/-
875	TREE	454825.0N 0212003.4E	425/81 FT	-/-
876	TREE	454825.1N 0212003.0E	423/78 FT	-/-
877	TREE	454825.4N 0212002.7N	425/80 FT	-/-
878	TREE	454825.4N 0212001.7E	428/83 FT	-/-
879	TREE	454825.8N 0212000.7E	425/81 FT	-/-
880	TREE	454825.8N 0212000.4E	420/75 FT	-/-
881	TREE	454825.9N 0212000.0E	421/76 FT	-/-
882	TREE	454826.0N 0211959.4E	427/83 FT	-/-
883	TREE	454826.9N 0211959.7E	440/96 FT	-/-
884	TREE	454827.1N 0211959.7E	440/96 FT	-/-
885	TREE	454826.7N 0211955.1E	434/89 FT	-/-
886	TREE	454828.0N 0211953.3E	440/93 FT	-/-
898	ANTENNA	454834.7N 0211908.4E	397/56 FT	-/ LGT R
901	TOWER	454839.7N 0211907.0E	410/69 FT	-/ LGT R
903	POLE	454840.8N 0211858.9E	402/61 FT	Marked/ LGT R
904	POLE	454839.6N 0211908.0E	412/71 FT	Marked/ LGT R
907	POLE	454757.5N 0211705.7E	462/133 FT	-/-
912	ANTENNA	455800.5N 0211257.6E	821/386 FT	Marked/ LGT R
913	ANTENNA	455802.6N 0211253.6E	819/383 FT	Marked/ LGT R
932	COOLING_TW R	454235.0N 0211154.7E	817/530 FT	Marked/ LGT R

933	COOLING_TW R	454231.7N 0211151.9E	815/528 FT	Marked/ LGT R
934	ANTENNA	454315.6N 0211519.5E	991/697 FT	Marked/ LGT R
935	ANTENNA	454118.1N 0214757.1E	1051/686 FT	Marked/ LGT R
936	ANTENNA	454119.8N 0214750.1E	1051/686 FT	Marked/ LGT R
937	COOLING_TW R	454226.1N 0211149.6E	912/624 FT	Marked/ -
960	TREE	454829.7N 0211955.7E	414/68 FT	-/-
964	TREE	454827.4N 0211945.6E	427/79 FT	-/-
967	TREE	454831.6N 0211938.1E	401/54 FT	-/-
968	TREE	454830.1N 0211932.2E	396/51 FT	-/-
969	TREE	454831.1N 0211925.0E	399/56 FT	-/-
970	TREE	454832.3N 0211921.2E	403/60 FT	-/-
971	TREE	454830.3N 0211917.5E	400/60 FT	-/-
972	TREE	454831.3N 0211916.6E	401/61 FT	-/-
982	TREE	454813.8N 0212055.5E	390/51 FT	-/-
983	TREE	454815.1N 0212053.1E	398/59 FT	-/-
985	TREE	454813.9N 0212054.2E	412/72 FT	-/-
986	TREE	454815.3N 0212052.4E	400/61 FT	-/-
989	TREE	454812.6N 0212053.6E	412/72 FT	-/-
991	TREE	454812.1N 0212053.0E	401/60 FT	-/-
993	TREE	454811.4N 0212052.2E	411/71 FT	-/-
995	TREE	454816.8N 0212046.7E	392/53 FT	-/-
1005	POLE	454807.9N 0211639.4E	467/139 FT	-/-
1006	POLE	454802.8N 0211652.4E	469/139 FT	-/-
1016	ANTENNA	454803.8N 0212215.8E	390/50 FT	Marked/ LGT R

GIARMATA AD 2.8.11 METEOROLOGICAL INFORMATION PROVIDED

1.	Associated MET office	Timișoara
2.	MET service hours	H24
3.	Office responsible for TAF preparation / period of validity / interval of issuance	LROM / 24H / 6H during operational hours
4.	Type of forecast/interval of issuance	NIL
5.	Briefing/consultation provided	Self-briefing

6.	Flight documentation / languages used	Charts, tabular form, abbreviated plain language text, weather report / Romanian, English
7.	Supplementary equipment available for providing information	Tel: +40-(0)256-295915 Fax: +40-(0)256-295915
8.	ATS units provided with information	Timișoara TWR

GIARMATA AD 2.8.12 RUNWAY PHYSICAL CHARACTERISTICS

R W Y	True BRG	L / W (m)	SURFAC E	THR coordinates	THR elevation (ft)	SW Y (m)	CWY (m)	Grass RWY
29	289.78°	3500/4 5	Asphalt	454816.24N 0212132.61E	344.3	-	200X300	2200/80
11	109,75°	3500/4 5	Asphalt	454854.57N 0211900.06E	342.9	-	200X300	2200/80

GIARMATA AD 2.8.13 DECLARED DISTANCES

RWY	TORA (m)	TODA (m)	ASDA (m)	LDA (m)
29	3500	3700	3500	3500
11	3500	3700	3500	3500

REDUCED DECLARED DISTANCES OF RWY:

RWY	TORA (m)	TODA (m)	ASDA (m)
29 TWY C	1614	1814	1614
11 TWYC	1920	2120	1920

GIARMATA AD 2.8.14 HELIPORTS

Heliport	Surface	Coordinates	Elevation m / ft	Marking	Lights
Foxtrot (F 1, 2, 3, 4, 5, 6, 7, 8)	Concrete	454831N 0211950E	103 / 338	NO	NO
Platform 1 South Delta	Concrete	454828N 0212022E	102 / 334	YES	YES
Platform 2 North Delta	Concrete	454829N 0212033E	102 / 334	YES	YES
Delta (H 1, 2, 3)	Concrete	454828N 0212025E	102 / 334	YES	YES
Echo West (E 1, 2, 3, 4)	Concrete	454823N 0212041E	102 / 334	YES	NO
Echo East (E 5, 6, 7, 8)	Concrete	454822N 0212049E	102 / 334	YES	NO

GIARMATA AD 2.8.15 APPROACH AND FATO LIGHTING

R W Y	APCH LGT LEN INTST	THR LGT colour WBAR	VASIS PAPI	TDZ LGT LEN	LENGHT OF CENTERLINE LIGHTS. INTERVAL, COLOR , INTENSITY	LENGHT OF THE LATERAL LIGHTS INTERVAL, COLOR ,	RWY END LIGH TS COL OR	OBS.
-------------	-----------------------------	------------------------------	---------------	-------------------	---	---	---------------------------------------	------

						INTENSITY		
29	ALSF II, 900m	Green WBAR	PAPI Left/ 3° (57FT)	White, 900m	2600m, 15 m, White,LIH 600m, 15m,Red/ White 300m,15m, Red, LIH	2900m, 60m, White, LIH 600m, 60m, Yellow, LIH	Red	Turn pad lights green
11	ALSF II, 900m LIH	Green WBAR	PAPI Stg. 3° (66FT)	White, 900m	2600m,15m, White,LIH 600m,15m, Red/ White , LIH, 300m, 15m, Red, LIH	2900m, 60m, White,LIH 600m, 60m, Yellow, LIH	Red	NIL

GIARMATA AD 2.8.16 OTHER LIGHTNING, SECONDARY POWER SUPPLY

1.	ABN/IBN location, characteristics and hours of operation	NIL
2.	LDI location and LGT Anemometer location and LGT	NIL 91°, 483 M THR 11, LGT. 271°, 445 M THR 29, LGT.
3.	TWY edge and centre line lighting	TWY D : blue edge lights; TWY E : blue edge lights;
4.	Secondary power supply /switch-over time	Secondary power supply to all lightings on AD. / 1 sec.
5.	Remarks	NIL

GIARMATA AD 2.8.17 ATS AIRSPACE

1.	Designation and lateral limits	Giramata MCTR delimited by following points: 455716N 0210806E – 454717N 0210258E – 453954N 0213226E – 454952N 0213732E – 455716N 0210806E
2.	Vertical limits	GND – 2500FT AMSL
3.	Airspace classification	C
4.	ATS unit call sign – language	CUART TWR English, Romanian
5.	Transition altitude	9000FT (2750M) AMSL

GIARMATA AD 2.8.18 ATS COMMUNICATIONS FACILITIES

Service designation	Call sign	Frequency VHF	Operational hours
TWR	CUART Tower	119.225A	As AD HR

GIARMATA AD 2.8.19 RADIO NAVIGATION AND LANDING AIDS

Type	Call sign	Frequency	Antenna site coordinates	Remarks
LOC 29 ILS CATIII	ITR	109.300 MHz	454859.1N 0211842.0E	Front course angle 3.12° No back course.
GP 29	-	332.000 MHz	454816.2N 0212115.7E	GP Angle 3° ILS RDH 56 FT
DME	ITR	109.300 MHz CH 30X	454816.3N 0212142.6E	
LOC 11 ILS CATIII	ITS	110.900 MHz CH 46X	454813.7N 0212142.6E	Front course angle 3.28° No back course.

GP 11	-	330.800 MHz	454854.7N 0211915.1E	GP Angle 3° ILS RDH 55 FT
DME	ITS	110.900 MHz CH 46X	454855.0N 0211915.4E	
NDB	TSR	408 KHZ	454904.75N 0211819.46E	286° MAG / 0.51 NM from THR 11
NDB	TIM	338 KHZ	454804.7N 0212218.4E	106° MAG / 0.57 NM from THR 29

GIARMATA AD 2.8.20 LOCAL AERODROME REGULATIONS

– NIL –

GIARMATA AD 2.8.21 NOISE ABATEMENT PROCEDURES

– NIL –

GIARMATA AD 2.8.22 FLIGHT PROCEDURES

– NIL –

GIARMATA AD 2.8.23 ADDITIONAL INFORMATION

List of waypoints:

DESIGNATOR/WP	LATITUDE	LONGITUDE
HITIS	454314N	0213553E
MOSNI	454321N	0211855E
BECIK	454914N	0210304E
PIKAS	455423N	0211953E
NW8	455429N	0210946E
WAC8	455139N	0210816E
SW8	454849N	0210651E
NW4	455314N	0211508E
SW4	454730N	0211213E
NE4	454942N	0212819E
SE4	454406N	0212528E
NE8	454827N	0213346E
EAC8	454535N	0213217E
SE8	454245N	0213046E

GIARMATA AD 2.8.24 CHARTS RELATED TO THE AERODROME

Aerodrome chart.....	A.D. 2.8-9-10
Fixed wing ground taxi chart.....	A.D. 2.8-11
Rotary wing taxi chart.....	A.D. 2.8-12-13
UAV ground taxi chart.....	A.D. 2.8-14
Giarmata MCTR.....	A.D. 2.8-15
North traffic pattern RWY29.....	A.D. 2.8-16
North traffic pattern RWY11.....	A.D. 2.8-17
South traffic pattern RWY29.....	A.D. 2.8-18
South traffic pattern RWY11.....	A.D. 2.8-19
North low level traffic pattern RWY29.....	A.D. 2.8-20
North low level traffic pattern RWY11.....	A.D. 2.8-21
VFR waypoints MCTR.....	A.D. 2.8-22