

**LRBM AD 2.1 AERODROME LOCATION INDICATOR AND NAME**  
**LRBM - BAI A MARE / Maramureş****LRBM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

|   |                                                                |                                                                                                                                                                                                                                                                                          |
|---|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | ARP coordinates and site at AD                                 | 473930N 0232758E, 099° GEO / 1250 M from THR 09                                                                                                                                                                                                                                          |
| 2 | Direction and distance from (city)                             | 279° GEO / 10 km from Baia Mare                                                                                                                                                                                                                                                          |
| 3 | Elevation/Reference temperature/mean low temperature           | 606 FT / 29.8°C / -13.0°C                                                                                                                                                                                                                                                                |
| 4 | Geoid undulation at AD ELEV PSN                                | 130 FT                                                                                                                                                                                                                                                                                   |
| 5 | MAG VAR/ Annual change                                         | 6° E (2020) / 7.2' E                                                                                                                                                                                                                                                                     |
| 6 | AD Operator, address, telephone, telefax, e-mail, AFS, website | AEROPORTUL INTERNAȚIONAL MARAMUREŞ R.A.,<br>Str. 66, Nr. 22, Tăuții Măgherauș, jud. Maramureş, cod poștal 437345<br>Tel: +40-(0)770-431771<br>Tel: +40-(0)262-293444<br>Fax: +40-(0)262-223394<br>E-mail: office@aimm.eu. Alternate: ground@aimm.eu<br>AFS: LRBMRAYD<br>Web: www.aimm.eu |
| 7 | Types of traffic permitted (IFR/VFR)                           | IFR/VFR                                                                                                                                                                                                                                                                                  |
| 8 | Remarks                                                        | Telephone numbers are available during LRBM AD operational hours only.<br>For operations out of operational hours, contact e-mail: ground@aimm.eu.                                                                                                                                       |

**LRBM AD 2.3 OPERATIONAL HOURS**

|    |                            |                                                                                                                                                       |
|----|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | AD Operator                | MON-FRI W: 0500-1700, S: 0400-1600;<br>SUN W: 0930-1330, S: 0830-1230.                                                                                |
| 2  | Customs and immigration    | As AD Operator                                                                                                                                        |
| 3  | Health and sanitation      | As AD Operator                                                                                                                                        |
| 4  | AIS Briefing Office        | As AD Operator (See GEN 3.1-5)                                                                                                                        |
| 5  | ATS Reporting Office (ARO) | As AD Operator (See ENR 1.10-3)                                                                                                                       |
| 6  | MET Briefing Office        | As AD Operator                                                                                                                                        |
| 7  | ATS                        | W: 0500-1700; S: 0400-1600                                                                                                                            |
| 8  | Fuelling                   | As AD Operator                                                                                                                                        |
| 9  | Handling                   | As AD Operator                                                                                                                                        |
| 10 | Security                   | As AD Operator                                                                                                                                        |
| 11 | De-icing                   | As AD Operator                                                                                                                                        |
| 12 | Remarks                    | Outside the operational hours of the AD, services listed above are available O/R, submitted to the AD and approved with at least 24 hours in advance. |

**LRBM AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |                                         |                                                                                                                                                                                                                                                                                                                                   |
|---|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Cargo-handling facilities               | 6 electric tractors, 26 baggage trailers, 1 air start unit, 1 air conditioning unit, 4 self-propelled passenger stairs, 4 self-propelled conveyorbelts, 3 mobile GPU 115/200V-400HZ and 28V, 1 lavatory service trailer, 1 potable-water trailer, 1 airport passenger/crew minibus, 1 lower deck loader, 2 ULD container dollies. |
| 2 | Fuel/oil types                          | JET A1 / NIL                                                                                                                                                                                                                                                                                                                      |
| 3 | Fuelling facilities/capacity            | 1 refueling truck 25000 litres, 22 litres/second                                                                                                                                                                                                                                                                                  |
| 4 | De-icing facilities                     | 2 de-icing units with heated water, heated SAE Type I fluid/water mixture and unheated SAE Type II fluid.                                                                                                                                                                                                                         |
| 5 | Hangar space for visiting aircraft      | NIL                                                                                                                                                                                                                                                                                                                               |
| 6 | Repair facilities for visiting aircraft | NIL                                                                                                                                                                                                                                                                                                                               |
| 7 | Remarks                                 | For details regarding refuelling and fuel rate contact fuel provider at phone no. +40-(0)757-031166.                                                                                                                                                                                                                              |

**LRBM AD 2.5 PASSENGER FACILITIES**

|   |                      |                                                                                                                                         |
|---|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Hotels               | In the city and neighborhood.                                                                                                           |
| 2 | Restaurants          | Snack bar on the airport, restaurants in the city and neighborhood.                                                                     |
| 3 | Transportation       | Taxis from the AD.                                                                                                                      |
| 4 | Medical facilities   | 1 ambulance on the airport, 1 first aid room on the airport, hospitals in the city.                                                     |
| 5 | Bank and Post Office | Banks and Post Offices in the city.                                                                                                     |
| 6 | Tourist Office       | Office in the city.<br>Tel: +40-(0)262-206113;<br>Fax: +40-(0)262-206114;<br>email: office@visitmaramures.ro;<br>www.visitmaramures.ro. |
| 7 | Remarks              | NIL                                                                                                                                     |

**LRBM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |                                                    |                                                                                                                                                                                                                      |
|---|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>AD category for fire fighting</i>               | Within AD HR: CAT 7.                                                                                                                                                                                                 |
| 2 | <i>Rescue equipment</i>                            | Rescue/cut-in equipment: 1 electrical portable rescue equipment, 1 powered rescue saw, 1 oscillating saw;<br>Ladders: 3 extension rescue ladders;<br>Rescue tool box: 1 set.                                         |
| 3 | <i>Capability for removal of disabled aircraft</i> | Maximum removal capability: code letter A aircraft, wingspan < 15 m.<br>Local Action Coordinator: +40-744-570731 (available 24/7)<br>Substitute: +40-770-431771 (available as AD Operator)<br>e-mail: ground@aimm.eu |
| 4 | <i>Remarks</i>                                     | NIL                                                                                                                                                                                                                  |

**LRBM AD 2.7 RUNWAY SURFACE CONDITION ASSESMENT AND REPORTING, AND SNOW PLAN**

|   |                                                            |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>Types of clearing equipment</i>                         | 2 snow blower, 1 tractor with blade, 2 snow plough with jet sweeper, 1 multi-function snow-clearing equipment with snow-blower, blade, sweeper and RWY deicing sprayer with liquid, 1 truck with RWY deicing sprayer with liquid and solid mixture.                                                                                                                                              |
| 2 | <i>Clearance priorities</i>                                | 1. RWY 09/27 and associated TWY to Apron<br>2. Apron                                                                                                                                                                                                                                                                                                                                             |
| 3 | <i>Use of material for movement area surface treatment</i> | Runway de-icer liquid used for RWY, TWYs and Apron de-icing is based on potassium formate (KFOR).<br>Runway de-icer solid used for RWY, TWYs and Apron de-icing is based on sodium formate (NAFO).                                                                                                                                                                                               |
| 4 | <i>Specially prepared winter runways</i>                   | NIL                                                                                                                                                                                                                                                                                                                                                                                              |
| 5 | <i>Remarks</i>                                             | Information on snow clearance is based of Runway Condition Report (RCR) and published in NOTAM (SNOWTAM) with respect of Global Reporting Format (GRF) method.<br>The RCR is continuously updated and forwarded to air traffic services and to aeronautical information services for transmission to the flight crew by SNOWTAM and radio broadcast. See also the snow plan in section AD 1.2.2. |

**LRBM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

|   |                                                         |                                                                                                                                                                                    |
|---|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>Apron designation, surface and strength</i>          | Designation: APRON<br>Surface: Concrete<br>Strength: 59/R/D/W/T                                                                                                                    |
| 2 | <i>Taxiway designation, width, surface and strength</i> | Designation: TWY A      TWY B      TWY C<br>Width: 18 M      18 M      18 M<br>Surface: Asphalt      Asphalt      Concrete<br>Strength: 59/R/D/W/T      59/R/D/W/T      60/R/D/W/T |
| 3 | <i>Altimeter checkpoint location and elevation</i>      | Location: APRON<br>Elevation: 597FT(182M)                                                                                                                                          |
| 4 | <i>VOR checkpoints</i>                                  | NIL                                                                                                                                                                                |
| 5 | <i>INS checkpoints</i>                                  | See AD 2.3-22                                                                                                                                                                      |
| 6 | <i>Remarks</i>                                          | INS points represent COCKPIT STOP POSITION of parked aircraft. TWY C is an apron taxiway.                                                                                          |

**LRBM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

|   |                                                                                                                      |                                                                                                                                                                                                                                                                                       |
|---|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands</i> | Aircraft stand ID signs: NIL.<br>TWY guide lines: provided for TWY A,B,C.<br>Visual docking guidance system of aircraft stands: NIL.<br>Visual parking guidance system of aircraft stands: aircraft stand markings and aircraft stand maneuvering guidance lights.                    |
| 2 | <i>RWY and TWY markings and LGT</i>                                                                                  | RWY: Designation, aiming point, marked.<br>THR, TDZ, centre line, edge line, runway end, marked and lighted.<br>TWY A, B: Enhanced centre line, marked;<br>Centre line, edge lines, holding position, marked and lighted.<br>TWY C: Centre line, edge line South, marked and lighted. |
| 3 | <i>Stop bars</i>                                                                                                     | TWY A, B: Stop bars and runway guard lights at holding position.<br>TWY A, B: Mandatory instruction marking at holding positions, enhanced taxiway centre line marking.                                                                                                               |
| 4 | <i>Remarks</i>                                                                                                       | Aircraft must follow stand guidelines with COCKPIT OVER THE CENTER LINE.                                                                                                                                                                                                              |

## LRBM AD 2.10 AERODROME OBSTACLES

| In Area 2               |                   |                         |            |                           |                                                                                            |
|-------------------------|-------------------|-------------------------|------------|---------------------------|--------------------------------------------------------------------------------------------|
| OBST ID/<br>Designation | OBST type         | OBST position           | ELEV/HGT   | Markings/<br>Type, colour | Remarks                                                                                    |
| a                       | b                 | c                       | d          | e                         | f                                                                                          |
| 47149_LRBM              | Wind indicator 09 | 473938.3N<br>0232706.6E | 584/26 FT  | MARKED/LGTD               | Electronic form of<br>obstacle data<br>sets for Area 2 are<br>available<br>(see GEN 3.1.6) |
| 47150_LRBM              | Antenna NFM-GP    | 473931.2N<br>0232707.9E | 582/24 FT  | MARKED/LGTD               |                                                                                            |
| 47151_LRBM              | Antenna ILS-GP    | 473930.9N<br>0232710.9E | 609/50 FT  | MARKED/LGTD               |                                                                                            |
| 47152_LRBM              | Antenna ILS-DME   | 473930.7N<br>0232711.0E | 579/20 FT  | MARKED/LGTD               |                                                                                            |
| 47159_LRBM              | Pole              | 473938.9N<br>0232714.0E | 598/36 FT  | LGTD                      |                                                                                            |
| 47160_LRBM              | Pole              | 473938.8N<br>0232714.7E | 598/36 FT  | LGTD                      |                                                                                            |
| 5844_LRBM               | Pole              | 473936.9N<br>0232732.2E | 582/9 FT   | LGTD                      |                                                                                            |
| 47166_LRBM              | Wind indicator 27 | 473923.0N<br>0232832.7E | 623/26 FT  | MARKED/LGTD               |                                                                                            |
| 47258_LRBM              | Fence             | 473941.6N<br>0232652.2E | 562/10 FT  | NIL                       |                                                                                            |
| 47254_LRBM              | Fence             | 473941.5N<br>0232654.7E | 562/10 FT  | NIL                       |                                                                                            |
| 47255_LRBM              | Fence             | 473941.6N<br>0232653.4E | 562/10 FT  | NIL                       |                                                                                            |
| 47256_LRBM              | Fence             | 473941.6N<br>0232652.9E | 562/10 FT  | NIL                       |                                                                                            |
| 47257_LRBM              | Fence             | 473941.6N<br>0232652.7E | 562/10 FT  | NIL                       |                                                                                            |
| 47259_LRBM              | Fence             | 473941.6N<br>0232651.6E | 562/10 FT  | NIL                       |                                                                                            |
| 47260_LRBM              | Fence             | 473941.6N<br>0232650.2E | 561/10 FT  | NIL                       |                                                                                            |
| 47061_LRBM              | Building          | 473928.6N<br>0232905.5E | 636/12 FT  | NIL                       |                                                                                            |
| 47060_LRBM              | Building          | 473928.4N<br>0232905.9E | 645/21 FT  | NIL                       |                                                                                            |
| 5192_LRBM               | Building          | 473929.4N<br>0232907.1E | 666/26 FT  | NIL                       |                                                                                            |
| 5193_LRBM               | Building          | 473928.8N<br>0232906.3E | 664/27 FT  | NIL                       |                                                                                            |
| 5194_LRBM               | Building          | 473927.6N<br>0232904.2E | 660/28 FT  | NIL                       |                                                                                            |
| 5164_LRBM               | Building          | 473927.7N<br>0232903.1E | 660/28 FT  | NIL                       |                                                                                            |
| 5755_LRBM               | Building          | 473929.3N<br>0232856.1E | 656/29 FT  | NIL                       |                                                                                            |
| 5905_LRBM               | Tree              | 473925.6N<br>0232855.6E | 640/19 FT  | NIL                       |                                                                                            |
| 5860_LRBM               | Pole              | 473921.3N<br>0233003.8E | 677/67 FT  | NIL                       |                                                                                            |
| 5933_LRBM               | Pole              | 473921.3N<br>0233003.8E | 681/68 FT  | NIL                       |                                                                                            |
| 47448_LRBM              | Pole              | 473806.7N<br>0233615.7E | 1021/82 FT | NIL                       |                                                                                            |
| 47449_LRBM              | Pole              | 473814.4N<br>0233623.3E | 1001/82 FT | NIL                       |                                                                                            |
| 47418_LRBM              | Pole              | 473803.9N<br>0233609.4E | 1027/85 FT | NIL                       |                                                                                            |
| 47417_LRBM              | Pole              | 473805.0N<br>0233624.0E | 1035/85 FT | NIL                       |                                                                                            |
| 47462_LRBM              | Pole              | 473752.4N<br>0233541.2E | 1000/85 FT | NIL                       |                                                                                            |

| a          | b        | c                       | d           | e   | f                                                                                          |
|------------|----------|-------------------------|-------------|-----|--------------------------------------------------------------------------------------------|
| 47474_LRBM | Pole     | 473757.1N<br>0233542.2E | 1004/85 FT  | NIL | Electronic form of<br>obstacle data<br>sets for Area 2 are<br>available<br>(see GEN 3.1.6) |
| 47473_LRBM | Pole     | 473757.0N<br>0233540.4E | 1003/85 FT  | NIL |                                                                                            |
| 47463_LRBM | Pole     | 473754.0N<br>0233548.1E | 1009/85 FT  | NIL |                                                                                            |
| 47471_LRBM | Pole     | 473800.5N<br>0233548.0E | 1011/85 FT  | NIL |                                                                                            |
| 47420_LRBM | Pole     | 473805.3N<br>0233600.3E | 1018/85 FT  | NIL |                                                                                            |
| 47464_LRBM | Pole     | 473757.2N<br>0233556.5E | 1017/85 FT  | NIL |                                                                                            |
| 47468_LRBM | Pole     | 473803.6N<br>0233555.0E | 1016/85 FT  | NIL |                                                                                            |
| 47467_LRBM | Pole     | 473803.2N<br>0233555.2E | 1017/85 FT  | NIL |                                                                                            |
| 47470_LRBM | Pole     | 473800.7N<br>0233546.8E | 1009/85 FT  | NIL |                                                                                            |
| 47422_LRBM | Pole     | 473806.0N<br>0233559.6E | 1018/85 FT  | NIL |                                                                                            |
| 47461_LRBM | Pole     | 473751.5N<br>0233539.2E | 998/85 FT   | NIL |                                                                                            |
| 47421_LRBM | Pole     | 473805.6N<br>0233559.9E | 1018/85 FT  | NIL |                                                                                            |
| 47419_LRBM | Pole     | 473804.1N<br>0233601.3E | 1020/85 FT  | NIL |                                                                                            |
| 47475_LRBM | Pole     | 473757.1N<br>0233544.0E | 1006/85 FT  | NIL |                                                                                            |
| 47466_LRBM | Pole     | 473802.8N<br>0233555.4E | 1017/85 FT  | NIL |                                                                                            |
| 47465_LRBM | Pole     | 473756.4N<br>0233556.9E | 1017/85 FT  | NIL |                                                                                            |
| 47460_LRBM | Pole     | 473752.4N<br>0233538.3E | 997/85 FT   | NIL |                                                                                            |
| 47469_LRBM | Pole     | 473804.1N<br>0233554.7E | 1015/85 FT  | NIL |                                                                                            |
| 47472_LRBM | Pole     | 473757.0N<br>0233538.3E | 1001/85 FT  | NIL |                                                                                            |
| 47423_LRBM | Pole     | 473808.5N<br>0233614.7E | 1026/92 FT  | NIL |                                                                                            |
| 47425_LRBM | Pole     | 473816.2N<br>0233622.2E | 1015/92 FT  | NIL |                                                                                            |
| 47424_LRBM | Pole     | 473810.1N<br>0233616.3E | 1017/92 FT  | NIL |                                                                                            |
| 4414_LRBM  | Building | 473849.9N<br>0233103.7E | 728/95 FT   | NIL |                                                                                            |
| 47446_LRBM | Pole     | 473818.0N<br>0233619.5E | 1016/98 FT  | NIL |                                                                                            |
| 47447_LRBM | Pole     | 473810.7N<br>0233613.6E | 1020/98 FT  | NIL |                                                                                            |
| 5919_LRBM  | Pole     | 473809.0N<br>0233612.3E | 1028/98 FT  | NIL |                                                                                            |
| 47406_LRBM | Pole     | 473802.1N<br>0233613.1E | 1046/102 FT | NIL |                                                                                            |
| 47407_LRBM | Pole     | 473802.9N<br>0233623.1E | 1055/102 FT | NIL |                                                                                            |
| 5898_LRBM  | Antenna  | 473902.9N<br>0233300.7E | 830/150 FT  | NIL |                                                                                            |
| 5896_LRBM  | Antenna  | 473917.1N<br>0233250.7E | 822/153 FT  | NIL |                                                                                            |
| 665_LRBM   | Building | 473919.1N<br>0233316.8E | 850/157 FT  | NIL |                                                                                            |
| 1537_LRBM  | Church   | 473859.3N<br>0233417.7E | 892/169 FT  | NIL |                                                                                            |
| 5603_LRBM  | Building | 473904.2N<br>0233413.2E | 889/172 FT  | NIL |                                                                                            |
| 5904_LRBM  | Antenna  | 473919.8N<br>0233431.4E | 897/173 FT  | NIL |                                                                                            |

| a          | b             | c                       | d            | e          | f                                                                                          |
|------------|---------------|-------------------------|--------------|------------|--------------------------------------------------------------------------------------------|
| 675_LRBM   | Church        | 473924.6N<br>0233320.6E | 861/177 FT   | NIL        | Electronic form of<br>obstacle data<br>sets for Area 2 are<br>available<br>(see GEN 3.1.6) |
| 1549_LRBM  | Church        | 473846.7N<br>0233422.5E | 1018/274 FT  | NIL        |                                                                                            |
| 11061_LRBM | Chimney       | 473910.3N<br>0233619.7E | 1934/1122 FT | LGTD FLG W |                                                                                            |
| 4982_LRBM  | Building      | 474053.9N<br>0233049.0E | 859/49 FT    | NIL        |                                                                                            |
| 4981_LRBM  | Building      | 474051.5N<br>0233045.4E | 841/49 FT    | NIL        |                                                                                            |
| 5125_LRBM  | Building      | 473944.2N<br>0232930.7E | 757/50 FT    | NIL        |                                                                                            |
| 104_LRBM   | Building      | 473953.3N<br>0232755.1E | 637/50 FT    | NIL        |                                                                                            |
| 11174_LRBM | Tree          | 473949.7N<br>0232851.7E | 690/50 FT    | NIL        |                                                                                            |
| 11175_LRBM | Tree          | 473950.3N<br>0232852.5E | 692/50 FT    | NIL        |                                                                                            |
| 94_LRBM    | Building      | 474158.2N<br>0232921.7E | 822/50 FT    | NIL        |                                                                                            |
| 5808_LRBM  | Building      | 473947.9N<br>0232932.3E | 761/50 FT    | NIL        |                                                                                            |
| 5906_LRBM  | Building      | 474037.2N<br>0233038.8E | 794/50 FT    | NIL        |                                                                                            |
| 5126_LRBM  | Building      | 473941.7N<br>0232932.7E | 750/50 FT    | NIL        |                                                                                            |
| 3009_LRBM  | Building      | 474119.0N<br>0233120.0E | 919/51 FT    | NIL        |                                                                                            |
| 2_LRBM     | Building      | 474052.7N<br>0233043.0E | 830/51 FT    | NIL        |                                                                                            |
| 39021_LRBM | Building      | 474240.3N<br>0233002.6E | 915/52 FT    | NIL        |                                                                                            |
| 8354_LRBM  | Building      | 474047.6N<br>0232717.5E | 723/52 FT    | NIL        |                                                                                            |
| 3_LRBM     | Building      | 474013.3N<br>0233038.6E | 744/52 FT    | NIL        |                                                                                            |
| 11097_LRBM | Tree          | 473911.0N<br>0232720.9E | 610/52 FT    | NIL        |                                                                                            |
| 47071_LRBM | Building      | 474052.1N<br>0233040.9E | 830/53 FT    | NIL        |                                                                                            |
| 32555_LRBM | Building      | 474127.1N<br>0233129.4E | 978/54 FT    | NIL        |                                                                                            |
| 11176_LRBM | Tree          | 473950.7N<br>0232853.1E | 699/55 FT    | NIL        |                                                                                            |
| 96_LRBM    | Building      | 474251.3N<br>0232719.5E | 1163/55 FT   | NIL        |                                                                                            |
| 47229_LRBM | Tree          | 473916.6N<br>0232837.8E | 620/55 FT    | NIL        |                                                                                            |
| 11178_LRBM | Control Tower | 473938.9N<br>0232803.0E | 655/56 FT    | LGTD       |                                                                                            |
| 3267_LRBM  | Building      | 474031.6N<br>0233422.7E | 918/56 FT    | NIL        |                                                                                            |
| 47223_LRBM | Tree          | 473909.2N<br>0232744.3E | 614/57 FT    | NIL        |                                                                                            |
| 47225_LRBM | Tree          | 473920.2N<br>0232832.1E | 632/57 FT    | NIL        |                                                                                            |
| 97_LRBM    | Building      | 474400.6N<br>0232637.0E | 1407/58 FT   | NIL        |                                                                                            |
| 47222_LRBM | Tree          | 473913.7N<br>0232806.2E | 620/59 FT    | NIL        |                                                                                            |
| 95_LRBM    | Building      | 474134.3N<br>0232701.5E | 868/59 FT    | NIL        |                                                                                            |
| 11177_LRBM | Tree          | 473951.1N<br>0232853.2E | 706/59 FT    | NIL        |                                                                                            |
| 11180_LRBM | Tree          | 473926.9N<br>0232726.9E | 627/59 FT    | NIL        |                                                                                            |
| 11182_LRBM | Tree          | 473925.7N<br>0232723.0E | 626/60 FT    | NIL        |                                                                                            |

| a          | b                 | c                       | d          | e    | f                                                                                          |
|------------|-------------------|-------------------------|------------|------|--------------------------------------------------------------------------------------------|
| 103_LRBM   | Building          | 473949.1N<br>0232931.2E | 770/60 FT  | NIL  | Electronic form of<br>obstacle data<br>sets for Area 2 are<br>available<br>(see GEN 3.1.6) |
| 4983_LRBM  | Building          | 474122.2N<br>0233126.8E | 946/60 FT  | NIL  |                                                                                            |
| 11145_LRBM | Chimney           | 473944.7N<br>0232931.9E | 772/60 FT  | NIL  |                                                                                            |
| 47227_LRBM | Tree              | 473927.0N<br>0232729.6E | 626/60 FT  | NIL  |                                                                                            |
| 11183_LRBM | Tree              | 473925.4N<br>0232721.2E | 625/60 FT  | NIL  |                                                                                            |
| 47228_LRBM | Tree              | 473923.8N<br>0232719.6E | 623/61 FT  | NIL  |                                                                                            |
| 47220_LRBM | Tree              | 473908.8N<br>0232723.3E | 618/61 FT  | NIL  |                                                                                            |
| 47224_LRBM | Tree              | 473915.6N<br>0232822.9E | 622/61 FT  | NIL  |                                                                                            |
| 47226_LRBM | Tree              | 473924.0N<br>0232756.7E | 645/64 FT  | NIL  |                                                                                            |
| 11181_LRBM | Tree              | 473926.5N<br>0232725.5E | 634/66 FT  | NIL  |                                                                                            |
| 47221_LRBM | Tree              | 473908.4N<br>0232735.3E | 621/67 FT  | NIL  |                                                                                            |
| 3010_LRBM  | Building          | 474128.3N<br>0233130.2E | 978/69 FT  | NIL  |                                                                                            |
| 4985_LRBM  | Building          | 474127.9N<br>0233129.9E | 976/69 FT  | NIL  |                                                                                            |
| 11146_LRBM | Tree              | 473936.0N<br>0232927.2E | 743/70 FT  | NIL  |                                                                                            |
| 11147_LRBM | Tree              | 474119.5N<br>0232530.2E | 1292/71 FT | NIL  |                                                                                            |
| 11179_LRBM | Antenna           | 473939.0N<br>0232803.0E | 671/72 FT  | NIL  |                                                                                            |
| 5831_LRBM  | Terminal Building | 473939.5N<br>0232800.5E | 671/72 FT  | LGTD |                                                                                            |
| 11168_LRBM | Tree              | 474201.1N<br>0232858.4E | 1407/72 FT | NIL  |                                                                                            |
| 11149_LRBM | Tree              | 474105.2N<br>0232823.6E | 1241/72 FT | NIL  |                                                                                            |
| 11150_LRBM | Tree              | 474037.4N<br>0232759.9E | 1146/74 FT | NIL  |                                                                                            |
| 11153_LRBM | Tree              | 474117.7N<br>0232945.2E | 1633/74 FT | NIL  |                                                                                            |
| 11169_LRBM | Tree              | 474213.5N<br>0232805.4E | 1781/75 FT | NIL  |                                                                                            |
| 11154_LRBM | Tree              | 474145.6N<br>0232943.9E | 1373/76 FT | NIL  |                                                                                            |
| 11152_LRBM | Tree              | 473950.8N<br>0232947.1E | 889/76 FT  | NIL  |                                                                                            |
| 4984_LRBM  | Building          | 474128.8N<br>0233130.6E | 982/77 FT  | NIL  |                                                                                            |
| 11148_LRBM | Pole              | 474120.0N<br>0232632.3E | 1447/78 FT | NIL  |                                                                                            |
| 11089_LRBM | Pole              | 474102.4N<br>0232857.0E | 776/85 FT  | NIL  |                                                                                            |
| 11098_LRBM | Tree              | 474000.5N<br>0232944.0E | 831/85 FT  | NIL  |                                                                                            |
| 5010_LRBM  | Church            | 474218.7N<br>0232926.5E | 912/86 FT  | NIL  |                                                                                            |
| 11100_LRBM | Pole              | 474018.9N<br>0233039.6E | 804/86 FT  | NIL  |                                                                                            |
| 4428_LRBM  | Church            | 474003.2N<br>0232830.7E | 703/89 FT  | NIL  |                                                                                            |
| 3008_LRBM  | Church            | 473946.7N<br>0233102.0E | 758/97 FT  | NIL  |                                                                                            |
| 5816_LRBM  | Building          | 473930.4N<br>0232954.1E | 702/98 FT  | NIL  |                                                                                            |
| 11070_LRBM | Pole              | 473809.1N<br>0232145.8E | 887/103 FT | NIL  |                                                                                            |

| a          | b       | c                       | d           | e           | f                                                                                          |
|------------|---------|-------------------------|-------------|-------------|--------------------------------------------------------------------------------------------|
| 11077_LRBM | Pole    | 473655.8N<br>0233506.1E | 1090/103 FT | NIL         | Electronic form of<br>obstacle data<br>sets for Area 2 are<br>available<br>(see GEN 3.1.6) |
| 105_LRBM   | Church  | 473951.9N<br>0232732.6E | 664/105 FT  | NIL         |                                                                                            |
| 4427_LRBM  | Church  | 473955.6N<br>0232756.3E | 684/108 FT  | NIL         |                                                                                            |
| 11155_LRBM | Tree    | 474037.3N<br>0233150.9E | 2204/115 FT | NIL         |                                                                                            |
| 11069_LRBM | Pole    | 473810.4N<br>0232146.6E | 909/120 FT  | NIL         |                                                                                            |
| 11071_LRBM | Pole    | 473803.0N<br>0232143.2E | 915/138 FT  | NIL         |                                                                                            |
| 11112_LRBM | Antenna | 473644.7N<br>0233507.4E | 1094/139 FT | NIL         |                                                                                            |
| 11136_LRBM | Pole    | 473737.7N<br>0233525.1E | 1034/154 FT | NIL         |                                                                                            |
| 5215_LRBM  | Church  | 473929.5N<br>0233324.6E | 846/163 FT  | NIL         |                                                                                            |
| 11111_LRBM | Antenna | 474017.7N<br>0232802.7E | 972/164 FT  | MARKED/LGTD |                                                                                            |
| 11078_LRBM | Pole    | 473655.1N<br>0233509.0E | 1164/165 FT | NIL         |                                                                                            |
| 2375_LRBM  | Church  | 473940.5N<br>0233450.1E | 918/183 FT  | NIL         |                                                                                            |
| 2420_LRBM  | Church  | 473931.2N<br>0233456.0E | 936/199 FT  | NIL         |                                                                                            |
| 11161_LRBM | Tower   | 473825.7N<br>0233117.8E | 893/263 FT  | NIL         |                                                                                            |
| 11544_LRBM | Antenna | 475118.0N<br>0225824.4E | 857/436 FT  | NIL         |                                                                                            |
| 11543_LRBM | Antenna | 475115.7N<br>0225829.8E | 853/436 FT  | NIL         |                                                                                            |
| 11545_LRBM | Pole    | 474855.0N<br>0231658.0E | 1326/381 FT | NIL         |                                                                                            |
| 11546_LRBM | Antenna | 475238.3N<br>0235634.6E | 1350/349 FT | NIL         |                                                                                            |

| In Area 3               |           |                         |               |                           |                                                                                            |
|-------------------------|-----------|-------------------------|---------------|---------------------------|--------------------------------------------------------------------------------------------|
| OBST ID/<br>Designation | OBST type | OBST position           | ELEV/HGT      | Markings/<br>Type, colour | Remarks                                                                                    |
| a                       | b         | c                       | d             | e                         | f                                                                                          |
| 47006_LRBM              | Building  | 473940.4N<br>0232756.5E | 616.9/27.8 FT | NIL                       | Electronic form of<br>obstacle data<br>sets for Area 3 are<br>available<br>(see GEN 3.1.6) |
| 5831_LRBM               | Building  | 473939.5N<br>0232800.5E | 671.3/71.6 FT | NIL                       |                                                                                            |
| 47007_LRBM              | Building  | 473938.6N<br>0232807.2E | 632.3/32.6 FT | LGTD                      |                                                                                            |
| 5167_LRBM               | Building  | 473937.6N<br>0232809.8E | 625.7/22.5 FT | NIL                       |                                                                                            |
| 47367_LRBM              | Fence     | 473939.5N<br>0232758.2E | 609.5/9.8 FT  | NIL                       |                                                                                            |
| 47172_LRBM              | Pole      | 473938.8N<br>0232757.6E | 638.9/43.0 FT | MARKED/LGTD               |                                                                                            |
| 47173_LRBM              | Pole      | 473938.5N<br>0232800.9E | 641.4/43.0 FT | MARKED/LGTD               |                                                                                            |
| 47174_LRBM              | Pole      | 473938.1N<br>0232804.3E | 641.2/41.3 FT | MARKED/LGTD               |                                                                                            |
| 47175_LRBM              | Pole      | 473937.3N<br>0232807.4E | 642.6/40.8 FT | MARKED/LGTD               |                                                                                            |
| 47215_LRBM              | Pole      | 473936.7N<br>0232810.7E | 624.9/22.3 FT | NIL                       |                                                                                            |
| 47216_LRBM              | Pole      | 473937.2N<br>0232809.5E | 623.2/19.5 FT | NIL                       |                                                                                            |
| 47154_LRBM              | PAPI 09   | 473935.8N<br>0232713.2E | 565.6/3.2 FT  | NIL                       |                                                                                            |

| a          | b       | c                       | d            | e   | f                                                                              |
|------------|---------|-------------------------|--------------|-----|--------------------------------------------------------------------------------|
| 47155_LRBM | PAPI 09 | 473936.1N<br>0232713.3E | 565.6/3.2 FT | NIL | Electronic form of obstacle data sets for Area 3 are available (see GEN 3.1.6) |
| 47156_LRBM | PAPI 09 | 473936.4N<br>0232713.3E | 565.6/3.1 FT | NIL |                                                                                |
| 47157_LRBM | PAPI 09 | 473936.7N<br>0232713.4E | 565.6/3.2 FT | NIL |                                                                                |
| 47162_LRBM | PAPI 27 | 473924.6N<br>0232826.3E | 604.0/3.8 FT | NIL |                                                                                |
| 47163_LRBM | PAPI 27 | 473924.8N<br>0232826.4E | 604.1/3.5 FT | NIL |                                                                                |
| 47164_LRBM | PAPI 27 | 473925.1N<br>0232826.4E | 604.1/3.0 FT | NIL |                                                                                |
| 47165_LRBM | PAPI 27 | 473925.4N<br>0232826.5E | 603.8/2.6 FT | NIL |                                                                                |

**LRBM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

|    |                                                                                       |                                                                            |
|----|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1  | Associated MET Office                                                                 | BAIA MARE                                                                  |
| 2  | Hours of service<br>MET Office outside hours                                          | As ATS<br>-                                                                |
| 3  | Office responsible for TAF preparation<br>Periods of validity<br>Interval of issuance | LROM<br>9 HR<br>3 HR, during aerodrome operational hours                   |
| 4  | Trend forecast<br>Interval of issuance                                                | NIL<br>-                                                                   |
| 5  | Briefing / consultation provided                                                      | Self-briefing; briefing/consultation on request (see row 8)                |
| 6  | Flight documentation<br>Language(s) used                                              | Charts, tabular form, abbreviated plain language text<br>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)262-276260<br>Fax: +40-(0)262-276260                           |
| 9  | ATS units provided with information                                                   | BAIA MARE TWR                                                              |
| 10 | Additional information (limitation of service, etc.)                                  | NIL                                                                        |

**LRBM AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations<br>RWY<br>NR | TRUE BRG                 | Dimensions<br>of RWY (M)   | Strength (PCN)<br>and surface of<br>RWY and SWY | THR coord<br>RWY end coord<br>THR geoid undulation                      | THR elevation and<br>highest elevation of<br>TDZ of precision<br>APP RWY | Slope of<br>RWY-SWY                                                                                                        |
|---------------------------|--------------------------|----------------------------|-------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1                         | 2                        | 3                          | 4                                               | 5                                                                       | 6                                                                        | 7                                                                                                                          |
| 09                        | 99.09°                   | 2150 x 45                  | 57/R/D/W/T<br>Asphalt                           | 473936.14N<br>0232658.77E<br>473925.13N<br>0232840.51E<br>GUND 129.3 FT | THR 555.3 FT<br>TDZ 581.0 FT                                             | 0.75% (595 M)<br>1.11% (424 M)<br>0.62% (240 M)<br>0.91% (217 M)<br>0.53% (285 M)<br>0.25% (181 M)<br>0.31% (208 M)        |
| 27                        | 279.11°                  | 2150 x 45                  | 57/R/D/W/T<br>Asphalt                           | 473925.13N<br>0232840.51E<br>473936.14N<br>0232658.77E<br>GUND 129.6 FT | THR 605.5 FT                                                             | -0.31% (208 M)<br>-0.25% (181 M)<br>-0.53% (285 M)<br>-0.91% (217 M)<br>-0.62% (240 M)<br>-1.11% (424 M)<br>-0.75% (595 M) |
| SWY<br>dimensions<br>(M)  | CWY<br>dimensions<br>(M) | Strip<br>dimensions<br>(M) | RESA<br>dimensions<br>(M)                       | Location and<br>description of ARST<br>system                           | OFZ                                                                      | Remarks                                                                                                                    |
| 8                         | 9                        | 10                         | 11                                              | 12                                                                      | 13                                                                       | 14                                                                                                                         |
| NIL                       | NIL                      | 2270 x 300                 | 90 x 90                                         | NIL                                                                     | Yes                                                                      | RWY 09 turn pad<br>Surface:Asphalt<br>Dimensions:<br>65 x 22 M<br>Strength:<br>57/R/D/W/T                                  |
| NIL                       | NIL                      | 2270 x 300                 | 240 x 90                                        | NIL                                                                     | NIL                                                                      | RWY 27 turn pad<br>Surface:Asphalt<br>Dimensions:<br>65 x 22 M<br>Strength:<br>57/R/D/W/T                                  |

**LRBM AD 2.13 DECLARED DISTANCES**

| <i>RWY designator</i> | <i>TORA<br/>(M)</i> | <i>TODA<br/>(M)</i> | <i>ASDA<br/>(M)</i> | <i>LDA<br/>(M)</i> | <i>Remarks</i> |
|-----------------------|---------------------|---------------------|---------------------|--------------------|----------------|
| 1                     | 2                   | 3                   | 4                   | 5                  | 6              |
| 09                    | 2150                | 2150                | 2150                | 2150               | NIL            |
| 27                    | 2150                | 2150                | 2150                | 2150               | NIL            |

**LRBM AD 2.14 APPROACH AND RWY LIGHTING**

| <i>RWY<br/>Designator</i> | <i>APCH<br/>LGT<br/>type<br/>LEN<br/>INTST</i> | <i>THR LGT<br/>colour<br/>WBAR</i> | <i>VASIS<br/>(MEHT)<br/>PAPI</i> | <i>TDZ, LGT<br/>LEN</i> | <i>RWY<br/>Centre<br/>Line LGT Length,<br/>spacing, colour,<br/>INTST</i>                    | <i>RWY<br/>edge LGT<br/>LEN, spacing,<br/>colour,<br/>INTST</i> | <i>RWY<br/>End LGT<br/>colour<br/>WBAR</i> | <i>SWY LGT<br/>LEN (M)<br/>colour</i> | <i>Remarks</i> |
|---------------------------|------------------------------------------------|------------------------------------|----------------------------------|-------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------|---------------------------------------|----------------|
| 1                         | 2                                              | 3                                  | 4                                | 5                       | 6                                                                                            | 7                                                               | 8                                          | 9                                     | 10             |
| 09                        | CAT II<br>900M<br>LIH                          | Green<br>Yes                       | PAPI<br>Left/3°<br>(52FT)        | 900M                    | 2150M, 15 M<br>FM 0M-1245M<br>White;<br>FM 1245M-1845M<br>Red/White;<br>FM 1845M<br>Red; LIH | 2150M, 60M<br>FM 0M-1560M<br>White;<br>FM 1560M<br>Yellow; LIH  | Red<br>-                                   | NIL                                   | NIL            |
| 27                        | NIL                                            | Green<br>NIL                       | PAPI<br>Left/3.6°<br>(53FT)      | NIL                     | 2150M, 15M<br>FM 0M-1250M<br>White;<br>FM 1250M-1850M<br>Red/White;<br>FM 1850M<br>Red; LIH  | 2150M, 60M<br>FM 0M-1550M<br>White;<br>FM 1550M<br>Yellow; LIH  | Red<br>-                                   | NIL                                   | NIL            |

**LRBM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |                                                                   |                                                                             |
|---|-------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1 | <i>ABN / IBN location, characteristics and hours of operation</i> | NIL                                                                         |
| 2 | <i>LDI location and LGT<br/>Anemometer location and LGT</i>       | LDI: NIL<br>Anemometer: 300M from THR 09, not lighted.                      |
| 3 | <i>TWY edge and centre line lighting</i>                          | Edge: TWY A, B<br>Edge: Apron TWY C, South only<br>Centre line: TWY A, B, C |
| 4 | <i>Secondary power supply/switch-over time</i>                    | Secondary power supply to all lighting at AD.<br>Switch-over time: 1 SEC    |
| 5 | <i>Remarks</i>                                                    | NIL                                                                         |

**LRBM AD 2.16 HELICOPTER LANDING AREA**

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

**LRBM AD 2.17 ATS AIRSPACE**

|   |                                           |                                                                                                                                                                                                                                                                                    |
|---|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <i>Designation and lateral limits</i>     | BAIA MARE CTR<br>474632N 0231117E - arc of circle centred at 473930N 0232758E (ARP) and radius 13.3 NM - 473642N 0230846E - 474140N 0230939E - 474702N 0230719E - 474632N 0231117E                                                                                                 |
| 2 | <i>Vertical limits</i>                    | SFC to FL55                                                                                                                                                                                                                                                                        |
| 3 | <i>Airspace classification</i>            | C                                                                                                                                                                                                                                                                                  |
| 4 | <i>ATS unit call sign<br/>Language(s)</i> | Baia Mare Tower<br>English, Romanian                                                                                                                                                                                                                                               |
| 5 | <i>Transition altitude</i>                | 4000 FT AMSL                                                                                                                                                                                                                                                                       |
| 6 | <i>Hours of applicability</i>             | W: 0500-1700; S: 0400-1600                                                                                                                                                                                                                                                         |
| 7 | <i>Remarks</i>                            | 1. CTR established during hours of operation of ATS. See NOTAMs for changes.<br>2. Outside hours of operation of ATS airspace classification is G.<br>3. Outside hours of operation of ATS it is recommended to monitor Baia Mare TWR FREQ and check on FIS FREQ about CTR status. |

**LRBM AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign       | Channel/<br>Frequency                                | SATVOICE | Logon address | Hours of operation           | Remarks                           |
|---------------------|-----------------|------------------------------------------------------|----------|---------------|------------------------------|-----------------------------------|
| 1                   | 2               | 3                                                    | 4        | 5             | 6                            | 7                                 |
| TWR                 | Baia Mare Tower | 118.855<br>118.100 MHz ALTN<br><br>121.500 MHz EMERG | NIL      | NIL           | W: 0500-1700<br>S: 0400-1600 | Exempted 8.33 kHz State aircraft. |

**LRBM AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aid,<br>MAG VAR<br>Type of<br>supported OPS<br>ILS classification<br>GBAS<br>classification<br>(For<br>VOR/ILS/MLS<br>give declination) | ID  | Frequency/<br>Channel  | Hours of<br>operation | Position of<br>transmitting<br>antenna<br>coordinates | ELEV of<br>DME<br>transmitting<br>antenna/<br>ELEV of GBAS<br>reference point | Service<br>volume<br>radius<br>from the<br>GBAS<br>reference<br>point | Remarks                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------|-----------------------|-------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 1                                                                                                                                               | 2   | 3                      | 4                     | 5                                                     | 6                                                                             | 7                                                                     | 8                                                                                                         |
| LOC 09<br>(6°E/2020)<br>ILS CAT II<br>(II.T.3)                                                                                                  | IBM | 109.300 MHz            | H24                   | 473924.4N<br>0232847.6E                               | -                                                                             | NIL                                                                   | Front course angle 5.22°.                                                                                 |
| GP 09                                                                                                                                           | -   | 332.000 MHz            | H24                   | 473930.9N<br>0232710.9E                               | -                                                                             | NIL                                                                   | GP Angle 3.0°.<br>ILS RDH 54.1 FT.                                                                        |
| DME 09                                                                                                                                          | IBM | 1054.000 MHz<br>CH 30X | H24                   | 473930.7N<br>0232711.0E                               | 600FT                                                                         | NIL                                                                   | NIL                                                                                                       |
| NDB (LO)                                                                                                                                        | BMR | 404 KHz                | H24                   | 474016.4N<br>0232045.5E                               | -                                                                             | NIL                                                                   | Coverage 100 NM (declared).                                                                               |
| NDB(LM)                                                                                                                                         | M   | 266 KHz                | H24                   | 473941.3N<br>0232609.3E                               | -                                                                             | NIL                                                                   | NIL                                                                                                       |
| GPS NPA                                                                                                                                         | -   | 1575.420 MHz           | H24                   | -                                                     | -                                                                             | -                                                                     | Transmitting antennas are satellite based. Maintained by the U.S. Department of Defense.                  |
| EGNOS LPV                                                                                                                                       | -   | 1575.420 MHz           | H24                   | -                                                     | -                                                                             | -                                                                     | Transmitting antennas are satellite based. Maintained by the European Satellite Services Provider - ESSP. |

**LRBM AD 2.20 LOCAL AERODROME REGULATIONS****1. Airport regulations**

1.1. On runway 09 and runway 27 backtrack of aircraft with code letter C (wingspan between 24 and 36 metres) is allowed only using the runway turn pad marking and lights at each runway end.

1.2. All aircraft stand markings and lights are designed for self-maneuvering operation and COCKPIT OVER THE CENTERLINE manner of following guidelines.

1.3. Aircraft guidance by visual signals on apron provided by a marshaller only O/R of the pilot in command.

1.4. ATC boundary line is located on apron accordingly to aerodrome chart. ATC boundary line is parallel to apron TWY C centerline and located 26M North from TWY C centerline.

**1. Reguli de aeroport**

1.1. Pe pista 09 și pe pista 27 întoarcerea aeronavelor cu litera de cod C (anvergura aripilor între 24 și 36 de metri) este permisă numai utilizând marcajele și luminile platformelor de întoarcere de la fiecare capăt de pistă.

1.2. Toate marcajele de platformă și luminile aeronautice aferente sunt proiectate pentru operare în regim self-maneuvering. Mișcarea aeronavelor se va face respectând principiul COCKPIT OVER THE CENTERLINE.

1.3. La solicitarea pilotului aeronavei, se poate asigura dirijare manuală operată de un dispecer.

1.4. Pe harta de aerodrom se găsește marcată limita de responsabilitate a organului de trafic aerian. Această limită este paralelă cu calea de rulare de platformă C și este situată la 26 de metri nord față de axul căii de rulare C.

**2. Standard Taxi Routes / Rutele standard de rulare la sol****2.1 Arrival information / Informații după aterizare**

| Arrival on       | Instruction given by ATC     |                                 |    |       |                | Taxiway to be followed | Remarks |
|------------------|------------------------------|---------------------------------|----|-------|----------------|------------------------|---------|
|                  |                              | Name of the Standard Taxi Route |    |       |                |                        |         |
| RWY 09<br>RWY 27 | Taxi via Standard taxi route | Arrival 1                       | To | Apron | stand number 1 | TWY A                  |         |
|                  |                              | Arrival 2                       |    |       | stand number 2 | TWY A,<br>TWY C        |         |
|                  |                              | Arrival 3                       |    |       | stand number 3 |                        |         |

**2.2 Departure information / Informații la decolare**

| Departure from | Instruction given by ATC     |                                 |                                   |   |                  | Taxiway to be followed | Remarks |
|----------------|------------------------------|---------------------------------|-----------------------------------|---|------------------|------------------------|---------|
|                |                              | Name of the Standard Taxi Route |                                   |   |                  |                        |         |
| Stand number 1 | Taxi via Standard Taxi Route | Departure 1                     | To runway holding position on TWY | A | RWY 09<br>RWY 27 | TWY A                  |         |
| Stand number 2 |                              | Departure 2                     |                                   |   |                  | TWY C,<br>TWY A        |         |
| Stand number 3 |                              | Departure 3                     |                                   |   |                  |                        |         |

**3. Parking Area For Helicopters / Zona de parcare pentru elicoptere**

After landing on runway 09/27 helicopters will perform ground taxiing or air-taxiing to the designated stand on apron using the taxiways.

On departure helicopters will perform ground taxiing or air-taxiing to runway 09/27 using the taxiways.

Helicopter parking on apron is permitted only at visual signals provided by a marshaller.

După aterizarea pe pista 09/27, elicopterele vor efectua rulare la sol sau rulare aeriană spre standul alocat pe platformă utilizând căile de rulare.

La plecare, elicopterele vor efectua rulare la sol sau rulare aeriană până la pista 09/27 utilizând căile de rulare.

Parcarea elicopterelor pe platformă este permisă numai la semnalele dispecerului sol.

**4. Apron - Taxiing During Winter Conditions / Platforma - rulare la sol în condiții de iarnă**

During winter conditions when the taxiways, stands centre line lights and taxi guide lines and lights are not visible, guidance and parking with visual signals will be provided by a marshaller.

În condiții de iarnă când luminile axului căilor de rulare și marcajele și luminile de ghidare la sol ale pozițiilor de parcare nu sunt vizibile, dirijarea și parcare se face la semnalele dispecerului sol.

**5. Helicopter Traffic - Limitations / Operarea elicopterelor – Limitări**

Helicopters landings and take-offs are permitted only on runway.

Helicopters landings straight to / take-offs straight from apron stand are not permitted.

Aterizările și decolările elicopterelor sunt permise numai pe pistă.

Aterizările elicopterelor direct spre / decolările direct din poziția de parcare pe platformă nu sunt permise.

**LRBM AD 2.21 NOISE ABATEMENT PROCEDURES**

See AD 1.1-3



## LRBM AD 2.22 FLIGHT PROCEDURES

### 1. Low visibility procedures - LVP

RWY 09, equipped with ILS approved for CAT II, will be used when visibility falls below 800 m and / or RVR is below 550 m to 300 m. In order to provide adequate protection of the ILS system, no vehicle or aircraft shall infringe the ILS sensitive areas when an arriving aircraft is within 2 NM of touchdown and has not completed its landing run.

Pilots will be informed by ATC when LVP are in progress and ATC will also provide details of any unavailability of equipment relevant to LVP.

Pilots will be informed by ATC when LVP are terminated.

The LVP preparation phase will start when:

- visibility falls below 1 500 m and/or
- RVR is at 800 m or lower and/or
- the ceiling is at or below 500 ft, and
- CAT II operations are expected within one hour.

The LVP operations phase will start when:

- RVR falls below 800 m or
- ceiling is at or below 200 ft.

The LVP procedures will be terminated when:

- RVR is greater than 800 m and
  - the ceiling is higher than 200 ft, and
  - a continuing improvement in these conditions is expected,
- or
- CAT II operations are no more expected after 30 minutes from the last landing or take-off.

For Low-Visibility Take-Off (LVTO) with an RVR less than 125 m, the ILS localiser signal does not meet the requirements for lateral guidance.

CAT II approach during normal operations is allowed; pilot must request it to ATC with minimum 20 minutes in advance prior the estimated time of landing.

### 1. Proceduri în condiții de vizibilitate redusă - LVP

Pista 09, echipată cu sistem ILS aprobat pentru CAT II, va fi utilizată atunci când vizibilitatea scade sub 800 m și / sau RVR scade sub 550 m până la 300 m. Pentru a asigura protecția adecvată a sistemului ILS, niciun vehicul sau aeronavă nu ar trebui să pătrundă în zonele sensibile ILS atunci când o aeronavă aflată în procedură de apropiere se află la mai puțin de 2 NM de pragul pistei și nu a finalizat rulajul după aterizare.

Piloții vor fi informați de către ATC atunci când sunt în desfășurare proceduri LVP iar ATC va furniza, de asemenea, detalii privind indisponibilitatea oricărui echipament relevant pentru LVP.

Piloții vor fi informați de către ATC când procedurile LVP sunt încheiate.

Faza de pregătire pentru LVP va începe atunci când:

- vizibilitatea scade sub 1 500 m și/sau
- RVR este de 800 m sau mai mic și/sau
- înălțimea plafonului este de 500 ft sau mai mică, și
- se anticipează operațiuni CAT II în următoarea oră.

Faza de operare LVP va începe atunci când:

- RVR scade sub 800 m sau
- înălțimea plafonului este de 200 ft sau mai mică.

Procedurile LVP se vor încheia atunci când:

- RVR este mai mare de 800 m și
  - înălțimea plafonului depășește 200 ft, și
  - se preconizează o îmbunătățire continuă a acestor condiții,
- sau
- nu se mai așteaptă operațiuni CAT II la 30 de minute după ultima aterizare sau decolare.

Pentru decolări în condiții de vizibilitate redusă (LVTO) cu un RVR mai mic de 125 m, semnalul locatorului ILS nu îndeplinește cerințele pentru asigurarea ghidajului lateral.

Apropierea CAT II în condiții normale de operare este permisă; pilotul trebuie să o solicite ATC cu minim 20 de minute înainte de ora estimată de aterizare.

**LRBM AD 2.23 ADDITIONAL INFORMATION**

There may be concentrations of birds on or near Maramures International Airport LRBM - Baia Mare.

Birds fly from the resting area (E of the airport) accross the runway to their feeding area near the river (W of the airport).

The lands are used by birds especially in spring and autumn. Height varies from 0 - 1500 ft (0 - 450 m) AGL.

The directions of movement of the birds are represented on chart AD 2.3-46 LRBM.

As far as practicable, aerodrome control will inform pilots of this bird activity and the estimated heights AGL.

During the above periods pilots of aircraft are advised to be careful when taking off and while approaching for landing and, where the design limitations of aircraft instalations permit, to operate landing lights in flight, within the terminal area and during take-off, approach-to-land and climb and descent procedures.

Dispersal activities include occasional playing back of distress calls from tape together with firing of shell crackers, supplemented by the use of electronic propane gas cannon.

Pot exista concentrații de păsări pe sau în apropierea Aeroportului Internațional Maramureș LRBM - Baia Mare.

Păsările se deplasează în zbor din zona de odihnă (est față de aeroport) peste pistă, spre zona lor de hrănire aflată lângă râu (vest față de aeroport).

Terenurile sunt folosite de păsări în special primăvara și toamna. Înălțimea zborului variază între 0 - 1500 ft (0 - 450 m) de la nivelul solului AGL.

Direcțiile de deplasare ale păsărilor sunt reprezentate pe harta AD 2.3-46 LRBM.

Pe cât posibil, turnul de control va informa piloții cu privire la activitatea păsărilor și înălțimea AGL de zbor a acestora.

În perioadele sus-menționate piloții aeronavelor sunt rugați să fie foarte atenți în timpul decolării și în timpul zborului de apropiere pentru aterizare și în plus, dacă instalațiile aeronavei o permit, să utilizeze luminile de aterizare în timpul zborului, în zonele de apropiere finală, de decolare și de apropiere, precum și la procedurile de urcare și de coborâre.

Activitățile de dispersie includ emiterea ocazională de sunete de pericol ale păsărilor înregistrate pe bandă, detonarea de petarde inclusiv efectuarea de trageri cu tunul electronic cu gaz propan.

**LRBM AD 2.24 CHARTS RELATED TO THE AERODROME**

|                                                            |           |
|------------------------------------------------------------|-----------|
| Aerodrome Chart - ICAO .....                               | AD 2.3-20 |
| Aircraft Parking/Docking Chart - ICAO .....                | AD 2.3-22 |
| Aerodrome Obstacle Chart - ICAO - Type A                   |           |
| RWY 09 / 27 .....                                          | AD 2.3-25 |
| Precision Approach Terrain Chart - ICAO                    |           |
| RWY 09 .....                                               | AD 2.3-28 |
| Standard Departure Charts - Instrument - ICAO              |           |
| RWY 09 .....                                               | AD 2.3-30 |
| RWY 27 .....                                               | AD 2.3-31 |
| Bird concentrations in the vicinity of the aerodrome ..... | AD 2.3-46 |
| Instrument Approach Charts - ICAO                          |           |
| ILS Y RWY 09 CAT A, B .....                                | AD 2.3-51 |
| ILS Z RWY 09 CAT C, D .....                                | AD 2.3-52 |
| RNP RWY 09 .....                                           | AD 2.3-71 |
| NDB W RWY 09 CAT A, B .....                                | AD 2.3-91 |
| NDB X RWY 09 CAT C, D .....                                | AD 2.3-92 |
| NDB Y RWY 09 CAT A, B .....                                | AD 2.3-93 |
| NDB Z RWY 09 CAT C, D .....                                | AD 2.3-94 |