

AD 2. AERODROMES**LRAR AD 2.1 AERODROME LOCATION INDICATOR AND NAME****LRAR - ARAD / Arad****LRAR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	461036N 0211543E RWY centerline.
2	Direction and distance from city	3 km West from Arad
3	Elevation/Reference temperature/mean low temperature	353 FT (108 M) / 31.0°C / -11.0°C
4	Geoid undulation at AD ELEV PSN	140 FT
5	MAG VAR/ Annual rate of change	5°E (2019) / 7.0'E
6	AD Operator, address, telephone, telefax, telex, AFS	Aeroportul Arad, Arad, România Tel: +40-722111998; +40-(0)257-339010 Fax: +40-(0)257-254482 Email: office@aradairport.ro Website: www.aeroportularad.ro Tel: +40-(0)257-254440 Ground Ops Fax: +40-(0)257-254546 Ground Ops Email: ground.op@aradairport.ro AFS: LRARRAYD SITA: ARWAAXH
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	NIL

LRAR AD 2.3 OPERATIONAL HOURS

1	AD Operator	H24
2	Customs and immigration	H24
3	Health and sanitation	H24
4	AIS Briefing Office	H24, see GEN 3.1-5
5	ATS Reporting Office (ARO)	H24, see ENR 1.10-3
6	MET Briefing Office	H24
7	ATS	W: 0500-1700; S: 0400-1600
8	Fuelling	H24
9	Handling	H24
10	Security	H24
11	De-icing	H24
12	Remarks	Outside the operational hours of ATS services are available O/R, submitted to the AD Operator with at least 24 hours in advance.

LRAR AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	747m ² of storage, dangerous good room, cargo equipments.
2	Fuel/Oil types	Fuel: Kerosene TH type JET A1 AVGAZ 100LL Oil: NIL
3	Fuelling facilities/capacity	1 refueling truck 14 t, 1 refueling truck 10 t, 1 refueling truck 19 t
4	De-icing facilities	1 de-icing unit with fluid type I and II.
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

LRAR AD 2.5 PASSENGER FACILITIES

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

LRAR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 7
2	Rescue equipment	1 truck of 12000 l water, 1590 l foam and 250 kg dry chemical. 1 truck of 8000 l water, 1000 l foam and 250 kg dry chemical. 1 Mobile Command Control: pick-up truck 4x4.
3	Capability for removal of disabled aircraft	Only for code letter B aircraft, wingspan < 24 m. Air Operation Office: +40-(0)257-254440.
4	Remarks	NIL

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

1	Types of clearing equipment	1 truck with snow plough, snow blower and deicer spreader.
2	Clearance priorities	1. RWY 09/27 2. TWY A 3. APRON 2 4. TWY B 5. APRON 1
3	Use of material for movement area surface treatment	KAC RWY cleaning de-icing fluid.
4	Specially prepared winter runways	NIL
5	Remarks	RCR is used for reporting assessed condition through the issuance of SNOWTAM, when necessary. RWY CC are assessed according GRF and transmitted to pilots by TWR Arad. Regarding information on snow clearance published, see the snow plan in section AD 1.2.2.

LRAR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron designation, surface and strength	APRON 1 Surface: Asphalt Strength: 6/R/C/W/T	APRON 2 Concrete 41/R/C/W/T
2	Taxiway designation, width, surface and strength	TWY A Width: 18 M Surface: Concrete Strength: 55/R/C/W/T	TWY B 12 M Asphalt 6/R/C/W/T
3	ACL location and elevation	INS Apron 1 and Apron 2, elevation 352 FT.	
4	VOR checkpoints	NIL	
5	INS checkpoints	See AD 2.1-22	
6	Remarks	NIL	

LRAR AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

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

LRAR AD 2.10 AERODROME OBSTACLES

In Area 2					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
2	WATER TOWER	461030.2N 0211414.2E	425/ 76 FT	- / NIL	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
7	POLE	461128.0N 0211611.1E	437/ 89 FT	- / -	
8	OTHER	461016.8N 0211708.7E	459/ 104 FT	- / -	
12	BUILDING	461013.5N 0211841.9E	508/ 144 FT	- / -	
13	WATER TOWER	461011.2N 0211829.1E	495/ 132 FT	- / -	
20	ANTENNA	461026.2N 0211906.5E	574/ 205 FT	Marked / LGT R	
25	TOWER	461320.8N 0211943.7E	1023/ 668 FT	- / -	
26	ANTENNA	461214.8N 0211423.0E	525/ 172 FT	- / -	
27	ANTENNA	461212.7N 0211905.9E	603/ 241 FT	- / -	
28	ANTENNA	461554.7N 0213949.6E	1958/ 395 FT	- / -	
29	ANTENNA	455802.6N 0211253.6E	819/ 386 FT	Marked / LGT R	
30	ANTENNA	455800.5N 0211257.6E	821/ 381 FT	Marked / LGT R	
102	NAVAID	461038.2N 0211606.7E	371/ 20 FT	- / LGT R	
103	NAVAID	461038.0N 0211606.8E	409/ 58 FT	Marked / LGT R	
105	OTHER	461038.7N 0211603.8E	383/ 27 FT	- / LGT R	
106	OTHER	461037.7N 0211610.5E	366/ 14 FT	Marked / LGT R	
210	POLE	461149.6N 0211611.5E	448/ 100 FT	- / -	
212	POLE	461134.5N 0211611.2E	439/ 90 FT	- / -	
213	ANTENNA	460907.3N 0211822.5E	496/ 137 FT	Marked / -	
215	POLE	460851.4N 0211752.5E	478/ 106 FT	- / -	
216	POLE	460857.7N 0211755.9E	465/ 102 FT	- / -	
217	POLE	460905.0N 0211800.0E	465/ 102 FT	- / -	
218	POLE	460908.3N 0211744.8E	464/ 102 FT	- / -	
219	POLE	460919.0N 0211748.5E	463/ 102 FT	- / -	
220	POLE	460924.6N 0211800.4E	485/ 102 FT	- / -	
222	TOWER	460943.8N 0211705.9E	463/ 105 FT	- / -	



a	b	c	d	e	f
223	TOWER	460944.2N 0211701.9E	496/ 138 FT	- / -	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
224	WASTERWATER SYSTEM	461021.7N 0211706.3E	414/ 56 FT	- / -	
225	ANTENNA	461025.3N 0211734.3E	426/ 72 FT	Marked / -	
226	ANTENNA	461105.3N 0211817.8E	543/ 186 FT	Marked / LGT R	
227	ANTENNA	461106.8N 0211821.4E	532/ 176 FT	Marked / LGT R	
228	BUILDING	461212.5N 0211451.8E	470/ 114 FT	- / -	
229	DOVE	461119.6N 0211801.9E	438/ 84 FT	- / -	
230	BUILDING	461122.0N 0211802.1E	494/ 136 FT	- / -	
231	BUILDING	461118.3N 0211813.8E	478/ 117 FT	- / -	
232	BUILDING	461116.9N 0211812.4E	481/ 126 FT	- / -	
233	BUILDING	461109.1N 0211805.9E	435/ 75 FT	- / -	
234	WATER TOWER	461120.5N 0211849.3E	540/ 183 FT	- / -	
235	OTHER	461127.1N 0211944.5E	491/ 131 FT	- / -	
237	DOVE	461100.3N 0211929.2E	545/ 179 FT	- / -	
238	ANTENNA	461055.8N 0211953.7E	559/ 194 FT	Marked / LGT R	
239	TOWER	461056.9N 0212001.8E	547/ 192 FT	- / -	
248	ANTENNA	460944.8N 0211924.3E	479/ 125 FT	- / -	
249	ANTENNA	460947.1N 0211923.8E	486/ 127 FT	- / -	
250	BUILDING	460949.1N 0211922.8E	474/ 116 FT	- / -	
251	BUILDING	460950.7N 0211922.2E	468/ 115 FT	- / -	
252	BUILDING	460952.9N 0211921.2E	475/ 116 FT	- / -	
253	BUILDING	460954.5N 0211920.5E	468/ 115 FT	- / -	
254	BUILDING	460956.8N 0211919.5E	474/ 114 FT	- / -	
256	ANTENNA	461018.1N 0211914.9E	508/ 146 FT	- / -	
257	OTHER	461031.7N 0211908.9E	517/ 155 FT	- / -	
258	OTHER	461031.8N 0211903.8E	484/ 123 FT	- / -	
259	BUILDING	461038.9N 0211912.2E	526/ 165 FT	- / -	
260	BUILDING	461020.8N 0211856.0E	537/ 176 FT	- / -	
261	BUILDING	461000.7N 0211842.2E	492/ 135 FT	- / -	
262	POLE	460945.8N 0211804.9E	474/ 115 FT	- / -	
263	POLE	460941.5N 0211804.8E	469/ 110 FT	- / -	
264	BUILDING	460836.2N 0212000.7E	494/ 121 FT	- / -	
265	BUILDING	461100.9N 0211929.2E	550/ 188 FT	- / -	
266	WATER TOWER	461120.4N 0211849.9E	523/ 165 FT	- / -	
267	TOWER	461055.7N 0212003.1E	521/ 160 FT	- / LGT R	
268	TOWER	461056.6N 0212002.5E	545/ 184 FT	- / LGT R	
269	TOWER	461056.9N 0212001.8E	542/ 181 FT	- / LGT R	
270	TOWER	461320.5N 0211934.6E	886/ 532 FT	- / -	
272	ANTENNA	461014.5N 0211957.3E	538/ 105 FT	- / -	
321	ELECTRICAL SYSTEM	461031.4N 0211647.8E	374/ 22 FT	- / LGT R	
322	ELECTRICAL SYSTEM	461031.4N 0211647.8E	374/ 22 FT	- / LGT R	
323	ELECTRICAL SYSTEM	461031.5N 0211647.8E	374/ 22 FT	- / LGT R	
324	ELECTRICAL SYSTEM	461031.5N 0211647.8E	374/ 22 FT	- / LGT R	
325	ELECTRICAL SYSTEM	461031.6N 0211646.4E	373/ 21 FT	- / LGT R	
326	ELECTRICAL SYSTEM	461031.5N 0211646.4E	373/ 21 FT	- / LGT R	
327	ELECTRICAL SYSTEM	461031.5N 0211646.4E	373/ 21 FT	- / LGT R	
328	ELECTRICAL SYSTEM	461031.4N 0211646.4E	373/ 21 FT	- / LGT R	
329	ELECTRICAL SYSTEM	461031.5N 0211645.0E	371/ 19 FT	- / LGT R	
330	ELECTRICAL SYSTEM	461031.6N 0211645.0E	371/ 20 FT	- / LGT R	
331	ELECTRICAL SYSTEM	461031.6N 0211645.0E	371/ 20 FT	- / LGT R	
332	ELECTRICAL SYSTEM	461031.7N 0211645.0E	371/ 19 FT	- / LGT R	
333	ELECTRICAL SYSTEM	461031.8N 0211643.6E	369/ 18 FT	- / LGT R	
334	ELECTRICAL SYSTEM	461031.7N 0211643.6E	369/ 18 FT	- / LGT R	
335	ELECTRICAL SYSTEM	461031.7N 0211643.6E	369/ 18 FT	- / LGT R	
336	ELECTRICAL SYSTEM	461031.6N 0211643.6E	369/ 18 FT	- / LGT R	
337	ELECTRICAL SYSTEM	461031.9N 0211642.3E	367/ 16 FT	- / LGT R	
338	ELECTRICAL SYSTEM	461031.8N 0211642.3E	367/ 16 FT	- / LGT R	
339	ELECTRICAL SYSTEM	461031.8N 0211642.2E	367/ 17 FT	- / LGT R	
340	ELECTRICAL SYSTEM	461031.7N 0211642.2E	367/ 16 FT	- / LGT R	
341	ELECTRICAL SYSTEM	461032.0N 0211640.9E	366/ 15 FT	- / LGT R	
342	ELECTRICAL SYSTEM	461031.9N 0211640.9E	366/ 15 FT	- / LGT R	
343	ELECTRICAL SYSTEM	461031.9N 0211640.8E	366/ 15 FT	- / LGT R	
344	ELECTRICAL SYSTEM	461031.8N 0211640.8E	366/ 15 FT	- / LGT R	
345	ELECTRICAL SYSTEM	461032.0N 0211639.5E	365/ 13 FT	- / LGT R	
346	ELECTRICAL SYSTEM	461032.0N 0211639.5E	365/ 14 FT	- / LGT R	
347	ELECTRICAL SYSTEM	461031.9N 0211639.4E	365/ 14 FT	- / LGT R	
348	ELECTRICAL SYSTEM	461031.9N 0211639.5E	365/ 14 FT	- / LGT R	
349	ELECTRICAL SYSTEM	461032.1N 0211638.1E	363/ 11 FT	- / LGT R	
350	ELECTRICAL SYSTEM	461032.1N 0211638.1E	363/ 12 FT	- / LGT R	
351	ELECTRICAL SYSTEM	461032.0N 0211638.1E	363/ 11 FT	- / LGT R	
352	ELECTRICAL SYSTEM	461032.0N 0211638.1E	363/ 12 FT	- / LGT R	
353	ELECTRICAL SYSTEM	461032.1N 0211636.7E	362/ 10 FT	- / LGT R	
354	ELECTRICAL SYSTEM	461032.2N 0211636.7E	361/ 10 FT	- / LGT R	
355	ELECTRICAL SYSTEM	461032.1N 0211636.7E	362/ 11 FT	- / LGT R	
356	ELECTRICAL SYSTEM	461032.2N 0211636.7E	362/ 11 FT	- / LGT R	
10286	BUILDING	461032.7N 0211410.1E	401/ 57 FT	- / -	
10363	POLE	461018.9N 0211647.9E	404/ 50 FT	- / -	
10366	POLE	461019.4N 0211649.4E	407/ 53 FT	- / -	
10368	POLE	461020.2N 0211650.7E	412/ 58 FT	- / -	
10369	POLE	461021.0N 0211652.2E	416/ 62 FT	- / LGT R	
10370	POLE	461021.8N 0211653.7E	412/ 58 FT	- / -	
10372	POLE	461023.8N 0211655.6E	396/ 42 FT	- / -	
10373	POLE	461025.1N 0211656.0E	391/ 37 FT	- / -	

a	b	c	d	e	f
10374	POLE	461026.4N 0211656.4E	393/ 39 FT	- / -	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
10375	POLE	461027.6N 0211656.6E	391/ 37 FT	- / -	
10376	POLE	461028.8N 0211655.9E	375/ 20 FT	- / -	
10377	POLE	461029.5N 0211654.5E	373/ 20 FT	- / -	
10378	POLE	461029.1N 0211654.0E	387/ 32 FT	- / LGT R	
10379	POLE	461028.9N 0211652.7E	386/ 32 FT	- / -	
10380	POLE	461028.1N 0211651.8E	386/ 32 FT	10380	
10381	POLE	461028.0N 0211650.5E	389/ 35 FT	10381	
10383	POLE	461027.1N 0211651.6E	387/ 32 FT	- / -	
10384	POLE	461026.9N 0211650.8E	389/ 34 FT	- / -	
10386	POLE	461026.0N 0211651.8E	387/ 32 FT	- / -	
10387	POLE	461026.1N 0211650.5E	387/ 32 FT	- / -	
10388	POLE	461025.7N 0211651.2E	389/ 34 FT	- / -	
10390	POLE	461025.0N 0211652.1E	387/ 32 FT	- / -	
10391	POLE	461025.0N 0211650.6E	386/ 32 FT	- / -	
10392	POLE	461024.6N 0211651.5E	388/ 34 FT	- / -	
10403	POLE	461017.9N 0211653.2E	404/ 49 FT	- / -	
10556	POLE	461018.0N 0211653.4E	404/ 49 FT	- / -	
10557	POLE	461016.8N 0211653.4E	406/ 52 FT	- / -	
10558	POLE	461016.8N 0211653.6E	406/ 52 FT	- / -	
10563	POLE	461015.7N 0211653.6E	408/ 54 FT	- / -	
10564	POLE	461015.7N 0211653.8E	408/ 54 FT	- / -	
10566	POLE	461014.6N 0211653.8E	411/ 57 FT	- / -	
10567	POLE	461014.6N 0211654.0E	411/ 57 FT	- / -	
10568	POLE	461013.9N 0211653.4E	405/ 51 FT	- / -	
10569	POLE	461013.5N 0211654.0E	413/ 59 FT	- / -	
10570	POLE	461013.5N 0211654.2E	413/ 59 FT	- / -	
10571	POLE	461012.8N 0211653.5E	407/ 53 FT	- / -	
10572	POLE	461012.3N 0211654.1E	415/ 61 FT	- / -	
10573	POLE	461012.3N 0211654.3E	415/ 61 FT	- / -	
10574	POLE	461011.7N 0211653.7E	409/ 54 FT	- / -	
10575	POLE	461011.2N 0211654.2E	416/ 62 FT	- / -	
10576	POLE	461011.2N 0211654.4E	416/ 62 FT	- / -	
10577	POLE	461010.1N 0211654.4E	417/ 62 FT	- / -	
10578	POLE	461010.1N 0211654.6E	417/ 62 FT	- / -	
10579	POLE	461008.9N 0211654.5E	416/ 62 FT	- / -	
10580	POLE	461008.9N 0211654.7E	416/ 62 FT	- / -	
10581	POLE	461007.8N 0211654.6E	417/ 63 FT	- / -	
10582	POLE	461007.8N 0211654.8E	418/ 63 FT	- / -	
10583	POLE	461027.2N 0211650.2E	381/ 27 FT	- / -	
10584	POLE	461028.2N 0211649.9E	381/ 27 FT	- / -	
10585	POLE	461029.1N 0211650.2E	385/ 31 FT	- / -	
10589	POLE	461031.3N 0211649.5E	375/ 23 FT	- / LGT R	
10591	POLE	461031.3N 0211650.5E	372/ 21 FT	- / LGT R	
10592	POLE	461032.3N 0211650.0E	373/ 22 FT	- / LGT R	
10595	POLE	461033.5N 0211648.8E	384/ 33 FT	- / -	
10598	POLE	461034.6N 0211648.4E	384/ 33 FT	- / -	
10600	POLE	461034.4N 0211649.3E	384/ 33 FT	- / -	
10601	POLE	461035.7N 0211648.1E	385/ 34 FT	- / -	
10603	POLE	461035.4N 0211649.0E	385/ 34 FT	- / -	
10604	POLE	461036.4N 0211648.6E	386/ 35 FT	- / -	
10613	POLE	461041.1N 0211645.8E	408/ 57 FT	- / -	
10614	POLE	461041.2N 0211646.0E	408/ 57 FT	- / -	
10615	POLE	461042.2N 0211645.2E	410/ 59 FT	- / -	
10616	POLE	461042.3N 0211645.4E	410/ 59 FT	- / -	
10617	POLE	461043.2N 0211644.5E	410/ 59 FT	- / -	
10618	POLE	461043.3N 0211644.7E	410/ 60 FT	- / -	
10619	POLE	461044.2N 0211643.8E	410/ 62 FT	- / LGT R	
10620	POLE	461044.3N 0211644.0E	410/ 62 FT	- / LGT R	
10621	POLE	461045.2N 0211643.0E	409/ 61 FT	- / -	
10622	POLE	461045.3N 0211643.2E	409/ 61 FT	- / -	
10623	POLE	461046.2N 0211642.2E	408/ 60 FT	- / -	
10624	POLE	461046.3N 0211642.3E	408/ 60 FT	- / -	
10625	POLE	461047.1N 0211641.3E	406/ 58 FT	- / -	
10626	POLE	461047.2N 0211641.4E	406/ 58 FT	- / -	
10627	POLE	461048.0N 0211640.3E	403/ 55 FT	- / -	
10628	POLE	461048.1N 0211640.5E	403/ 55 FT	- / -	
10629	POLE	461048.9N 0211639.3E	401/ 53 FT	- / -	
10630	POLE	461049.0N 0211639.5E	401/ 53 FT	- / -	
10631	POLE	461049.8N 0211638.3E	399/ 51 FT	- / -	
10632	POLE	461049.9N 0211638.4E	399/ 51 FT	- / -	
10633	POLE	461050.6N 0211637.2E	399/ 51 FT	- / -	
10634	POLE	461050.7N 0211637.3E	399/ 51 FT	- / -	
10635	POLE	461051.5N 0211636.1E	397/ 50 FT	- / -	
10636	POLE	461051.5N 0211636.2E	397/ 50 FT	- / -	
10637	POLE	461052.2N 0211634.9E	398/ 50 FT	- / -	
10638	POLE	461052.3N 0211635.0E	398/ 50 FT	- / -	
10639	POLE	461053.7N 0211632.4E	397/ 50 FT	- / -	
10640	POLE	461053.8N 0211632.5E	397/ 50 FT	- / -	
10641	POLE	461029.9N 0211652.9E	372/ 20 FT	- / LGT R	
10642	POLE	461030.4N 0211651.5E	371/ 20 FT	- / LGT R	
10661	POLE	461054.3N 0211631.0E	397/ 50 FT	- / -	
10662	POLE	461054.4N 0211631.2E	397/50 FT	- / -	

a	b	c	d	e	f
10663	POLE	461055.0N 0211629.7E	397/ 49 FT	- / -	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
10664	POLE	461055.1N 0211629.8E	397/ 49 FT	- / -	
10675	POLE	461058.0N 0211621.0E	397/ 50 FT	- / -	
10676	POLE	461058.1N 0211621.1E	397/ 50 FT	- / -	
10677	POLE	461058.3N 0211619.5E	398/ 50 FT	- / -	
10678	POLE	461058.5N 0211619.5E	398/ 50 FT	- / -	
10679	POLE	461058.7N 0211617.9E	398/ 51 FT	- / -	
10680	POLE	461058.8N 0211618.0E	398/ 51 FT	- / -	
10681	POLE	461058.9N 0211616.3E	399/ 52 FT	- / -	
10682	POLE	461059.1N 0211616.4E	399/ 52 FT	- / -	
10683	POLE	461059.2N 0211614.7E	400/ 52 FT	- / -	
10684	POLE	461059.3N 0211614.8E	400/ 52 FT	- / -	
10685	POLE	461059.4N 0211613.1E	402/ 54 FT	- / -	
10686	POLE	461059.5N 0211613.2E	402/ 54 FT	- / -	
10687	POLE	461059.5N 0211611.4E	403/ 55 FT	- / -	
10688	POLE	461059.7N 0211611.4E	403/ 55 FT	- / -	
10689	POLE	461059.6N 0211609.9E	403/ 56 FT	- / -	
10690	POLE	461059.8N 0211609.9E	403/ 56 FT	- / -	
10691	POLE	461059.7N 0211608.3E	404/ 57 FT	- / -	
10692	POLE	461059.8N 0211608.3E	404/ 57 FT	- / -	
10693	POLE	461059.7N 0211606.6E	405/ 57 FT	- / -	
10694	POLE	461059.9N 0211606.6E	405/ 57 FT	- / -	
10695	POLE	461059.8N 0211605.0E	406/ 59 FT	- / -	
10696	POLE	461059.9N 0211605.0E	406/ 59 FT	- / -	
10697	POLE	461059.8N 0211603.4E	407/ 59 FT	- / -	
10698	POLE	461059.9N 0211603.4E	407/ 59 FT	- / -	
10699	POLE	461059.8N 0211601.8E	409/ 61 FT	- / -	
10700	POLE	461059.9N 0211601.8E	409/ 61 FT	- / -	
10701	POLE	461059.8N 0211600.1E	410/ 62 FT	- / -	
10702	POLE	461100.0N 0211600.1E	410/62 FT	- / -	
10703	POLE	461059.8N 0211558.5E	410/ 64 FT	- / -	
10704	POLE	461100.0N 0211558.5E	410/64 FT	- / -	
10705	POLE	461059.9N 0211556.9E	410/ 64 FT	- / -	
10706	POLE	461100.0N 0211556.9E	410/ 64 FT	- / -	
10707	POLE	461059.9N 0211555.2E	410/ 65 FT	- / LGT R	
10708	POLE	461100.0N 0211555.2E	410/ 65 FT	- / LGT R	
10709	POLE	461059.9N 0211553.6E	408/ 63 FT	- / -	
10710	POLE	461100.0N 0211553.6E	408/ 63 FT	- / -	
10711	POLE	461100.0N 0211552.0E	406/62 FT	- / -	
10712	POLE	461100.0N 0211552.0E	406/ 62 FT	- / -	
10713	POLE	461059.9N 0211550.4E	405/ 60 FT	- / -	
10714	POLE	461100.1N 0211550.4E	405/ 60 FT	- / -	
10715	POLE	461100.0N 0211548.7E	403/59 FT	- / -	
10716	POLE	461100.1N 0211548.7E	403/ 59 FT	- / -	
10717	POLE	461100.0N 0211547.1E	402/57 FT	- / -	
10718	POLE	461100.1N 0211547.1E	402/ 57 FT	- / -	
10719	POLE	461100.0N 0211545.4E	400/55 FT	- / -	
10720	POLE	461100.1N 0211545.4E	400/ 55 FT	- / -	
10721	POLE	461100.0N 0211543.8E	398/ 54 FT	- / -	
10722	POLE	461100.1N 0211543.8E	398/54 FT	- / -	
10723	POLE	461100.0N 0211542.2E	396/ 52 FT	- / -	
10724	POLE	461100.2N 0211542.2E	396/ 52 FT	- / -	
10725	POLE	461100.0N 0211540.6E	395/ 51 FT	- / -	
10726	POLE	461100.2N 0211540.6E	395/ 51 FT	- / -	
10727	POLE	461100.1N 0211538.9E	395/ 50 FT	- / -	
10728	POLE	461100.2N 0211538.9E	395/ 50 FT	- / -	
10729	POLE	461100.1N 0211537.3E	395/ 50 FT	- / -	
10730	POLE	461100.2N 0211537.3E	395/ 50 FT	- / -	
10731	POLE	461100.1N 0211535.7E	395/ 50 FT	- / -	
10732	POLE	461100.2N 0211535.7E	395/ 50 FT	- / -	
10733	POLE	461100.1N 0211534.1E	395/ 51 FT	- / -	
10734	POLE	461100.3N 0211534.1E	395/ 51 FT	- / -	
10735	POLE	461100.1N 0211532.4E	396/ 50 FT	- / -	
10736	POLE	461100.3N 0211532.4E	396/ 50 FT	- / -	
10737	POLE	461100.2N 0211530.8E	397/ 49 FT	- / -	
10744	POLE	461100.3N 0211519.4E	401/ 53 FT	- / -	
10745	POLE	461100.4N 0211519.4E	401/ 53 FT	- / -	
10746	POLE	461100.3N 0211521.0E	401/ 53 FT	- / -	
10747	POLE	461100.4N 0211521.0E	401/ 53 FT	- / -	
10753	POLE	461100.3N 0211517.8E	401/ 53 FT	- / -	
10754	POLE	461100.5N 0211517.8E	401/ 53 FT	- / -	
10755	POLE	461100.3N 0211516.1E	401/ 54 FT	- / -	
10756	POLE	461100.5N 0211516.1E	401/ 54 FT	- / -	
10757	POLE	461100.4N 0211514.5E	401/ 53 FT	- / -	
10758	POLE	461100.5N 0211514.5E	401/ 53 FT	- / -	
10763	POLE	461100.4N 0211512.8E	400/ 52 FT	- / -	
10764	POLE	461100.5N 0211512.9E	400/ 52 FT	- / -	
10765	POLE	461100.4N 0211511.2E	399/ 52 FT	- / -	
10766	POLE	461100.5N 0211511.2E	399/ 52 FT	- / -	
10767	POLE	461100.4N 0211509.6E	399/ 52 FT	- / -	
10768	POLE	461100.6N 0211509.6E	399/ 52 FT	- / -	
10769	POLE	461100.5N 0211508.0E	398/ 51 FT	- / -	
10770	POLE	461100.6N 0211508.0E	398/ 51 FT	- / -	

a	b	c	d	e	f
10771	POLE	461100.5N 0211506.3E	397/ 50 FT	- / -	Electronic form of obstacle data sets for Area 2 are available (see GEN 3.1.6)
10772	POLE	461100.6N 0211506.3E	397/ 49 FT	- / -	
10773	POLE	461100.5N 0211504.7E	397/ 51 FT	- / -	
10774	POLE	461100.7N 0211504.7E	397/ 51 FT	- / -	
10775	POLE	461100.6N 0211503.1E	397/ 52 FT	- / -	
10776	POLE	461100.7N 0211503.1E	397/ 51 FT	- / -	
10777	POLE	461100.7N 0211501.4E	396/ 51 FT	- / -	
10778	POLE	461100.8N 0211501.5E	396/ 50 FT	- / -	
10779	POLE	461100.8N 0211459.8E	395/ 49 FT	- / -	
10781	POLE	461101.0N 0211458.2E	395/ 50 FT	- / -	
10782	POLE	461101.1N 0211458.2E	395/ 50 FT	- / -	
10783	POLE	461101.1N 0211456.6E	394/ 50 FT	- / -	
10784	POLE	461101.2N 0211456.6E	394/ 50 FT	- / -	
10809	POLE	461102.0N 0211440.8E	395/ 50 FT	- / -	
10810	POLE	461102.0N 0211439.4E	396/ 52 FT	- / -	
10811	POLE	461102.0N 0211438.0E	398/ 54 FT	- / -	
10812	POLE	461102.1N 0211436.7E	401/ 56 FT	- / -	
10829	POLE	461107.0N 0211432.4E	406/ 61 FT	- / -	
10830	POLE	461107.9N 0211433.8E	414/ 69 FT	- / -	
10831	POLE	461108.3N 0211433.2E	415/ 71 FT	- / -	
10832	POLE	461106.4N 0211431.3E	417/ 72 FT	- / -	
10833	POLE	461105.7N 0211430.1E	417/ 72 FT	- / -	
10834	POLE	461106.1N 0211429.6E	416/ 71 FT	- / -	
10835	POLE	461106.8N 0211430.8E	417/ 73 FT	- / -	
10836	POLE	461107.2N 0211431.6E	416/ 72 FT	- / -	
10837	POLE	461107.5N 0211430.6E	394/ 50 FT	- / -	
10838	POLE	461107.7N 0211430.7E	394/ 50 FT	- / -	
10839	POLE	461108.1N 0211429.2E	394/ 50 FT	- / -	
10840	POLE	461108.3N 0211429.3E	394/ 50 FT	- / -	
10841	POLE	461108.7N 0211427.8E	395/ 50 FT	- / -	
10842	POLE	461108.9N 0211427.9E	395/ 50 FT	- / -	
10843	POLE	461109.4N 0211426.4E	395/ 50 FT	- / -	
10844	POLE	461109.5N 0211426.5E	395/ 50 FT	- / -	
10845	POLE	461110.0N 0211425.1E	395/ 51 FT	- / -	
10846	POLE	461110.1N 0211425.2E	395/ 51 FT	- / -	
10850	POLE	461107.8N 0211425.7E	396/ 52 FT	- / -	
10851	POLE	461106.9N 0211425.8E	400/ 55 FT	- / -	
10852	POLE	461102.2N 0211416.9E	402/ 58 FT	- / -	
10853	POLE	461101.2N 0211416.9E	408/ 63 FT	- / -	
10854	POLE	461102.1N 0211415.1E	395/ 51 FT	- / -	
10855	POLE	461101.1N 0211415.2E	405/ 61 FT	- / -	
10856	POLE	461102.1N 0211413.6E	399/ 55 FT	- / -	
10857	POLE	461101.2N 0211413.5E	403/ 59 FT	- / -	
10858	POLE	461102.2N 0211418.3E	406/ 61 FT	- / -	
10859	POLE	461101.2N 0211418.4E	409/ 65 FT	- / -	
10860	POLE	461101.3N 0211411.9E	401/ 56 FT	- / -	
10861	POLE	461102.2N 0211412.1E	397/ 53 FT	- / -	
10927	SIGN	461101.5N 0211419.0E	404/ 60 FT	- / -	
10929	SIGN	461101.7N 0211418.9E	403/ 58 FT	- / -	
11059	POLE	461030.3N 0211649.9E	374/ 22 FT	- / LGT R	
11063	POLE	461032.4N 0211649.2E	375/ 24 FT	- / -	
11065	POLE	461033.3N 0211649.7E	375/ 24 FT	- / -	
11071	POLE	461036.8N 0211647.8E	382/ 31 FT	- / -	
11092	OTHER	461028.2N 0211628.2E	370/ 18 FT	Marked / -	
11093	OTHER	461035.7N 0211456.5E	362/ 15 FT	Marked / -	
11124	ANTENNA	461029.7N 0211647.6E	383/ 29 FT	- / LGT R	
11130	ANTENNA	461029.2N 0211649.5E	374/ 20 FT	- / -	
11132	ANTENNA	461040.5N 0211443.5E	363/ 17 FT	- / LGT R	
11133	ANTENNA	461038.4N 0211443.2E	363/ 17 FT	- / LGT R	
11134	ANTENNA	461020.0N 0211639.6E	423/ 68 FT	Marked / LGT R	
11135	ANTENNA	461018.1N 0211639.4E	403/ 51 FT	Marked / LGT R	
11136	ANTENNA	461116.8N 0211414.1E	415/ 71 FT	- / -	
11137	BRIDGE	460932.5N 0211756.7E	632/ 280 FT	- / LGT R	

In Area 3					
OBST ID/ Designation	OBST type	OBST position	ELEV/HGT	Markings/ Type, colour	Remarks
a	b	c	d	e	f
397	ELECTRICAL SYS	461032.8N 0211631.1E	354.8/ 3.0 FT	- / LGT R	Electronic form of obstacle data sets for Area 3 are available (see GEN 3.1.6)
400	ELECTRICAL SYS	461032.2N 0211631.1E	354.8/ 3.0 FT	- / LGT R	
401	ELECTRICAL SYS	461032.4N 0211631.1E	354.8/ 3.0 FT	- / LGT R	
402	ELECTRICAL SYS	461032.5N 0211631.1E	354.8/ 3.0 FT	- / LGT R	
403	ELECTRICAL SYS	461032.1N 0211631.0E	354.9/ 3.0 FT	- / LGT R	
404	ELECTRICAL SYS	461032.5N 0211631.1E	354.8/ 2.7 FT	- / LGT R	
405	ELECTRICAL SYS	461032.9N 0211631.2E	354.9/ 2.8 FT	- / LGT R	
406	ELECTRICAL SYS	461032.2N 0211631.1E	354.8/ 3.0 FT	- / LGT R	
407	ELECTRICAL SYS	461038.1N 0211456.8E	349.8/ 2.3 FT	- / LGT R	
408	ELECTRICAL SYS	461039.1N 0211456.9E	349.5/ 2.3 FT	- / LGT R	
409	ELECTRICAL SYS	461038.0N 0211456.8E	349.8/ 2.3 FT	- / LGT R	
410	ELECTRICAL SYS	461038.2N 0211456.8E	349.6/ 2.0 FT	- / LGT R	
411	ELECTRICAL SYS	461037.9N 0211456.7E	349.8/ 2.4 FT	- / LGT R	
412	ELECTRICAL SYS	461039.2N 0211456.9E	349.3/ 2.3 FT	- / LGT R	



a	b	c	d	e	f
413	ELECTRICAL SYS	461038.9N 0211456.9E	349.6/ 2.3 FT	- / LGT R	Electronic form of obstacle data sets for Area 3 are available (see GEN 3.1.6)
414	ELECTRICAL SYS	461039.3N 0211456.9E	349.2/ 2.2 FT	- / LGT R	
415	ELECTRICAL SYS	461038.3N 0211456.8E	349.8/ 2.2 FT	- / LGT R	
416	ELECTRICAL SYS	461039.0N 0211456.9E	349.5/ 2.2 FT	- / LGT R	
10106	BUILDING	461020.5N 0211637.0E	361.2/ 9.2 FT	- / -	
10134	BUILDING	461021.8N 0211640.4E	384.1/ 31.6 FT	- / LGT R	
10137	BUILDING	461021.8N 0211643.1E	384.1/ 32.3 FT	- / LGT R	
10164	BUILDING	461021.8N 0211638.4E	385.5/ 32.3 FT	- / -	
10187	BUILDING	461019.7N 0211637.2E	361.8/ 9.2 FT	- / -	
10199	BUILDING	461018.0N 0211633.8E	361.6/ 8.6 FT	- / -	
10208	BUILDING	461017.5N 0211635.2E	378.3/ 25.5 FT	- / -	
10209	BUILDING	461017.2N 0211634.8E	378.3/ 25.5 FT	- / -	
10212	BUILDING	461017.7N 0211627.9E	363.5/ 11.2 FT	- / -	
10230	BUILDING	461019.7N 0211617.7E	391.3/ 39.4 FT	- / LGT R	
10238	BUILDING	461020.1N 0211614.4E	391.3/ 39.3 FT	- / LGT R	
10301	OTHER	461034.4N 0211621.5E	356.2/ 3.3 FT	- / -	
10302	OTHER	461034.7N 0211621.5E	356.0/ 4.1 FT	- / -	
10303	OTHER	461035.1N 0211621.6E	355.7/ 3.6 FT	- / -	
10304	OTHER	461035.4N 0211621.6E	355.5/ 3.5 FT	- / -	
10305	OTHER	461035.7N 0211621.6E	355.8/ 4.0 FT	- / -	
10306	OTHER	461036.0N 0211621.7E	356.0/ 4.3 FT	- / -	
10307	OTHER	461035.0N 0211609.0E	355.5/ 3.5 FT	Marked / -	
10308	OTHER	461035.0N 0211607.6E	355.3/ 3.3 FT	Marked / -	
10309	OTHER	461035.1N 0211606.2E	355.6/ 3.5 FT	Marked / -	
10310	OTHER	461036.1N 0211605.7E	355.3/ 3.8 FT	- / -	
10311	OTHER	461035.8N 0211605.7E	355.3/ 3.6 FT	- / -	
10312	OTHER	461035.4N 0211605.6E	355.6/ 3.7 FT	- / -	
10313	OTHER	461035.2N 0211604.8E	355.6/ 3.7 FT	Marked / -	
10314	OTHER	461035.3N 0211603.4E	354.9/ 3.1 FT	Marked / -	
10315	OTHER	461035.4N 0211602.0E	355.3/ 3.6 FT	Marked / -	
10318	POLE	461021.0N 0211610.6E	374.5/ 22.8 FT	- / -	
10319	POLE	461021.0N 0211611.3E	374.5/ 22.8 FT	- / -	
10320	POLE	461020.8N 0211611.8E	374.5/ 22.8 FT	- / -	
10321	POLE	461020.7N 0211612.4E	374.5/ 22.8 FT	- / -	
10322	POLE	461021.0N 0211610.8E	362.4/ 10.7 FT	- / -	
10328	OTHER	461035.5N 0211600.6E	354.3/ 3.0 FT	Marked / -	
10329	OTHER	461035.6N 0211559.2E	354.5/ 3.3 FT	Marked / -	
10330	OTHER	461035.7N 0211557.8E	354.5/ 3.3 FT	Marked / -	
10331	OTHER	461035.8N 0211556.4E	354.3/ 3.4 FT	Marked / -	
10332	OTHER	461035.8N 0211555.0E	353.9/ 3.0 FT	Marked / -	
10333	OTHER	461036.0N 0211552.3E	353.9/ 3.6 FT	Marked / -	
10334	OTHER	461036.1N 0211550.9E	353.5/ 3.6 FT	Marked / -	
10335	OTHER	461036.2N 0211549.5E	352.9/ 3.0 FT	Marked / -	
10336	OTHER	461036.4N 0211548.0E	352.8/ 3.5 FT	Marked / -	
10337	OTHER	461036.4N 0211548.1E	352.8/ 3.7 FT	Marked / -	
10404	OTHER	461034.2N 0211549.2E	353.1/ 3.0 FT	Marked / -	
10405	OTHER	461034.1N 0211550.6E	353.1/ 2.9 FT	Marked / -	
10406	OTHER	461034.0N 0211552.0E	353.4/ 3.0 FT	Marked / -	
10407	OTHER	461033.9N 0211553.4E	353.8/ 3.3 FT	Marked / -	
10408	OTHER	461033.8N 0211554.8E	354.1/ 3.5 FT	Marked / -	
10409	OTHER	461033.7N 0211556.2E	354.1/ 3.3 FT	Marked / -	
10410	OTHER	461033.7N 0211557.6E	353.2/ 2.5 FT	Marked / -	
10411	OTHER	461033.5N 0211559.0E	354.2/ 3.3 FT	Marked / -	
10412	OTHER	461033.4N 0211600.3E	354.6/ 3.3 FT	Marked / -	
10413	OTHER	461033.4N 0211601.7E	354.8/ 3.5 FT	Marked / -	
10414	OTHER	461033.3N 0211603.1E	354.2/ 3.3 FT	Marked / -	
10415	OTHER	461033.2N 0211604.5E	354.4/ 3.1 FT	Marked / -	
10416	OTHER	461033.1N 0211605.9E	354.9/ 3.3 FT	Marked / -	
10417	OTHER	461033.0N 0211607.3E	355.4/ 3.8 FT	Marked / -	
10418	OTHER	461032.8N 0211610.1E	355.4/ 3.7 FT	Marked / -	
10419	OTHER	461032.5N 0211615.7E	355.7/ 4.2 FT	Marked / -	
10420	OTHER	461032.4N 0211617.0E	355.8/ 3.9 FT	Marked / -	
10421	OTHER	461032.3N 0211618.4E	355.6/ 3.7 FT	Marked / -	
10422	OTHER	461032.0N 0211624.0E	355.7/ 3.3 FT	Marked / -	
10423	OTHER	461031.9N 0211624.1E	355.5/ 3.3 FT	Marked / -	
10424	OTHER	461026.2N 0211631.8E	355.1/ 4.0 FT	Marked / -	
10521	FENCE	461022.2N 0211604.9E	357.4/ 6.6 FT	- / -	
10522	FENCE	461019.7N 0211619.5E	358.6/ 6.6 FT	- / -	
10523	FENCE	461019.5N 0211620.6E	358.2/ 6.6 FT	- / -	
10525	FENCE	461024.9N 0211549.1E	357.0/ 7.9 FT	- / -	
10527	FENCE	461024.6N 0211549.1E	358.6/ 7.9 FT	- / -	
10528	FENCE	461025.0N 0211545.3E	357.7/ 7.9 FT	- / -	
10529	FENCE	461025.4N 0211542.2E	358.0/ 7.9 FT	- / -	
10534	FENCE	461027.7N 0211528.5E	356.9/ 7.9 FT	- / -	
10548	FENCE	461017.4N 0211633.8E	360.8/ 6.6 FT	- / -	
10549	FENCE	461017.5N 0211632.9E	359.6/ 6.6 FT	- / -	
10550	FENCE	461016.4N 0211632.4E	361.0/ 6.6 FT	- / -	
10551	FENCE	461016.5N 0211631.3E	361.4/ 6.6 FT	- / -	
10552	FENCE	461016.6N 0211630.5E	359.2/ 6.6 FT	- / -	
10554	FENCE	461017.5N 0211629.6E	359.4/ 6.6 FT	- / -	
10555	FENCE	461018.0N 0211629.7E	359.2/ 6.6 FT	- / -	
10643	POLE	461021.1N 0211639.8E	386.5/ 32.2 FT	- / -	
10931	OTHER	461037.2N 0211458.2E	350.3/ 3.3 FT	- / -	
10932	OTHER	461036.9N 0211502.0E	351.0/ 3.6 FT	- / -	

a	b	c	d	e	f
10933	OTHER	461036.0N 0211518.6E	350.9/ 3.0 FT	- / -	Electronic form of obstacle data sets for Area 3 are available (see GEN 3.1.6)
10934	OTHER	461035.7N 0211521.1E	351.2/ 3.5 FT	- / -	
10935	OTHER	461031.6N 0211625.1E	355.0/ 3.5 FT	- / -	
10936	OTHER	461028.2N 0211629.8E	353.9/ 3.4 FT	- / -	
10937	OTHER	461029.1N 0211632.5E	354.5/ 2.9 FT	- / -	
10938	OTHER	461026.0N 0211631.3E	354.0/ 3.3 FT	- / -	
10939	OTHER	461026.0N 0211631.3E	353.9/ 3.3 FT	- / -	
10940	OTHER	461026.8N 0211633.6E	355.3/ 3.0 FT	- / -	
10941	OTHER	461026.8N 0211633.7E	355.2/ 3.5 FT	- / -	
10942	OTHER	461023.8N 0211632.9E	354.4/ 3.9 FT	- / -	
10943	OTHER	461034.6N 0211458.2E	352.5/ 6.2 FT	- / -	
10945	OTHER	461021.8N 0211636.7E	383.5/ 31.1 FT	- / LGT R	
10946	OTHER	461021.1N 0211637.0E	380.1/ 27.5 FT	- / LGT R	
10980	OTHER	461038.9N 0211511.0E	350.5/ 3.3 FT	- / LGT R	
10981	OTHER	461039.2N 0211511.0E	350.5/ 3.8 FT	- / LGT R	
10982	OTHER	461039.5N 0211511.1E	350.5/ 4.1 FT	- / LGT R	
10983	OTHER	461039.8N 0211511.1E	350.3/ 4.0 FT	- / LGT R	
11040	OTHER	461026.0N 0211636.3E	355.5/ 3.0 FT	- / LGT R	
11042	OTHER	461025.9N 0211638.4E	355.5/ 3.2 FT	- / LGT R	
11044	OTHER	461025.9N 0211641.6E	354.7/ 2.2 FT	- / LGT R	
11086	OTHER	461022.0N 0211641.0E	376.4/ 22.1 FT	- / LGT R	Marked / -
11087	OTHER	461021.9N 0211642.1E	376.4/ 22.1 FT	- / LGT R	
11088	OTHER	461021.9N 0211643.2E	376.3/ 21.9 FT	- / LGT R	
11089	OTHER	461021.8N 0211637.9E	383.5/30.6 FT	- / LGT R	
11092	OTHER	461028.2N 0211628.2E	370.3/ 17.7 FT	Marked / -	
11094	OTHER	461036.4N 0211546.7E	352.9/ 3.3 FT	Marked / -	
11095	OTHER	461036.5N 0211545.3E	352.9/ 3.5 FT	Marked / -	
11096	OTHER	461036.6N 0211544.0E	353.3/ 4.0 FT	Marked / -	
11097	OTHER	461036.7N 0211542.6E	352.3/ 2.9 FT	Marked / -	
11098	OTHER	461036.7N 0211541.2E	352.8/ 3.7 FT	Marked / -	
11099	OTHER	461036.8N 0211539.8E	352.3/ 3.3 FT	Marked / -	
11100	OTHER	461034.8N 0211539.5E	352.8/ 3.7 FT	Marked / -	
11101	OTHER	461034.7N 0211540.9E	352.6/ 3.4 FT	Marked / -	
11102	OTHER	461034.6N 0211542.3E	352.6/ 3.3 FT	Marked / -	
11103	OTHER	461034.5N 0211543.6E	352.8/ 3.3 FT	Marked / -	
11104	OTHER	461034.5N 0211545.0E	353.2/ 3.5 FT	Marked / -	
11105	OTHER	461034.4N 0211546.4E	353.3/ 3.5 FT	Marked / -	
11106	OTHER	461034.3N 0211547.8E	353.1/ 3.1 FT	Marked / -	
11110	ANTENNA	461022.4N 0211638.5E	417.4/ 65.5 FT	Marked / LGT R	Marked / -
11111	ANTENNA	461019.0N 0211621.5E	382.0/ 27.3 FT	- / -	
11112	ANTENNA	461019.7N 0211636.7E	400.4/ 48.1 FT	- / -	
11113	ANTENNA	461019.6N 0211636.6E	404.4/ 52.1 FT	- / -	
11114	ANTENNA	461019.7N 0211636.4E	410.0/ 57.6 FT	- / -	
11115	ANTENNA	461019.5N 0211635.8E	409.5/ 57.1 FT	- / LGT R	
11116	ANTENNA	461019.3N 0211636.0E	406.1/ 53.7 FT	- / -	
11117	ANTENNA	461019.2N 0211635.4E	408.9/ 56.5 FT	- / -	
11118	ANTENNA	461019.0N 0211635.5E	399.6/ 47.2 FT	- / -	
11119	ANTENNA	461018.7N 0211634.8E	411.6/ 59.3 FT	- / -	
11120	ANTENNA	461018.6N 0211634.9E	405.4/ 53.1 FT	- / -	
11122	ANTENNA	461017.7N 0211634.4E	387.6/ 33.2 FT	- / -	
11123	ANTENNA	461016.9N 0211634.1E	415.5/ 61.2 FT	- / -	
11125	ANTENNA	461032.7N 0211500.3E	362.1/ 14.7 FT	- / -	
11126	ANTENNA	461032.3N 0211501.4E	375.6/ 26.6 FT	- / -	
11127	ANTENNA	461032.3N 0211501.6E	363.6/ 14.7 FT	- / -	
11128	ANTENNA	461032.5N 0211501.6E	366.8/ 17.7 FT	- / -	
11129	ANTENNA	461032.6N 0211503.4E	389.3/ 42.2 FT	- / LGT R	
11153	FENCE	461018.6N 0211626.0E	358.6/ 6.6 FT	- / -	Marked / -
11154	FENCE	461019.1N 0211623.0E	357.9/ 6.6 FT	- / -	
11200	FENCE	461028.7N 0211522.3E	357.7/ 7.9 FT	- / -	

LRAR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	ARAD
2	Hours of service MET Office outside hours	As ATS -
3	Office responsible for TAF preparation Periods of validity Interval of issuance	LROM 9 HR 3 HR, during aerodrome operational hours
4	Type of landing forecast Interval of issuance	NIL -
5	Briefing / consultation provided	Self-briefing; briefing/consultation on request (see row 8)
6	Flight documentation Language(s) used	Charts, Tabular form, abbreviated plain language text Romanian, English
7	Charts and other information available for briefing or consultation	SWC, W/T Charts, SIGMET, METAR, TAF.
8	Supplementary equipment available for providing information	Tel: +40-(0)257-281532 Fax: +40-(0)257-281532
9	ATS units provided with information	ARAD TWR
10	Additional information (limitation of service, etc.)	NIL

LRAR AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coord RWY end coord THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
09	095.28°	2000 x 45	41/R/C/W/T Concrete	461038.57N 0211456.86E 461033.14N 0211621.34E GUND 141 FT	THR 345 FT	0.1%
27	275.30°	2000 x 45	41/R/C/W/T Concrete	461033.14N 0211621.34E 461038.57N 0211456.86E GUND 143 FT	THR 351 FT	-0.1%
SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of ARST system		Remarks
8	9	10	11	12	OFZ	14
NIL	NIL	2120 x 300	220 x 90	NIL	Yes	The transverse slopes of the RWY are not symmetrical along the RWY length. Certain determined values do not fall within the 1-1.5% limits.
NIL	500 x 180	2120 x 300	240 x 90	NIL	Yes	

LRAR AD 2.13 DECLARED DISTANCES

RWY designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	1820	1820	1820	1820	NIL
27	2000	2500	2000	1820	NIL

LRAR AD 2.14 APPROACH AND RWY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour, INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
09	CAT I 720 M LIH	Green	PAPI Left/3°	NIL	900M, 15M, White, LIH 600M, 15M, White/Red, LIH 300M, 15M, Red, LIH	1200M, 60M, White, LIH 600M, 60M, Yellow, LIH	Red	NIL	NIL
27	CAT II 570 M LIH	Green	PAPI Left/3°	900 M LIH	1100M, 15M, White, LIH 600M, 15M, White/Red, LIH 300M, 15M, Red, LIH	1400M, 60M, White, LIH 600M, 60M, Yellow, LIH	Red	NIL	TURN PAD LIH GREEN

LRAR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN / IBN location, characteristics and hours of operation	NIL
2	LDI location and LGT Anemometer location and LGT	NIL NIL
3	TWY edge and centre line lighting	TWY A: edge lights, blue, LED, centre line, green lights and alternate green-yellow exit to TWY A, LED, stop bar, red lights, LED.
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at AD, switch-over time 1 SEC.
5	Remarks	Lighting panels "NO ENTRY".

LRAR AD 2.16 HELICOPTER LANDING AREA

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

LRAR AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	ARAD CTR 461630N 0210625E - 461453N 0213131E - 460420N 0213007E - 460617N 0205955E - 461559N 0210113E - FIR BOUNDARY - 461630N 0210625E
2	Vertical limits	GND TO 2500 FT AMSL
3	Airspace classification	C
4	ATS unit call sign Language(s)	Arad Tower English, Romanian
5	Transition altitude	9000 FT (2750 M) AMSL
6	Hours of applicability	W: 0500-1700; S: 0400-1600
7	Remarks	1. CTR established during hours of operation of ATS. See NOTAMs for changes. 2. Outside hours of operation of ATS airspace classification is G. 3. Outside hours of operation of ATS it is recommended to monitor Arad TWR FREQ and check on FIS FREQ about CTR status.

LRAR AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Channel/ Frequency	SATVOICE	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
TWR	Arad Tower	118.230 130.200 MHz ALTN	NIL	NIL	H24	Exempted 8.33 kHz State aircraft.
APP	Arad Approach	121.500 MHz EMERG 123.530 126.350 MHz ALTN	NIL	NIL	H24	Exempted 8.33 kHz State aircraft.

LRAR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR Type of supported OPS ILS classification GBAS classification (For VOR/ILS/MLS give declination)	ID	Frequency / Channel	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna / ELEV of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
1	2	3	4	5	6	7	8
DVOR/DME (5°E/2017)	ARD	109.000 MHz CH 27X	H24	461102.7N 0210837.0E	400 FT	NIL	Coverage 175 NM (assumed)
LOC 27 (5°E/2017) ILS CAT II (II.T.3)	IAD	110.700 MHz	H24	461039.4N 0211443.8E	-	NIL	Front course angle 5.8°. No back course
GP 27	-	330.200 MHz	H24	461038.0N 0211606.8E	-	NIL	GP Angle 3°. ILS RDH 54 FT.
DME 27	IAD	- CH 44X	H24	461038.2N 0211606.7E	400 FT	NIL	NIL
DME	LGI	1091.000 MHz CH 67X	H24	454311.0N 0215942.0E	800 FT	NIL	Coverage 100 NM (declared) Unusable in sector 065°-180°
DME	CNI	1127.000 MHz CH 103X	H24	454258.0N 0205427.0E	300 FT	NIL	Coverage 100 NM (declared)
DME	SAC	1072.000 MHz CH 48X	H24	453345.9N 0214323.9E	1300 FT	NIL	Coverage 100 NM (assumed)
DME	SIR	1117.000 MHz CH 93X	H24	461554.9N 0213949.5E	1800 FT	NIL	Coverage 100 NM (assumed)
NDB (LM)	TSR	408 KHz	H24	454904.8N 0211819.5E	-	NIL	Coverage 50 NM (declared)

LRAR AD 2.20 LOCAL AERODROME REGULATIONS

1. Standard Taxi Routes / Rutele Standard de Rulare

1.1 Arrival Information

Arrival on	Instruction given by ATC				Taxiway to be followed	Remarks
		Name of the Standard Taxi Route				
RWY 27	After landing backtrack, report RWY vacated and follow TWY A	ARR 27	To	APRON 2	Via TWY A	Follow TWY A centre line to the stand and report marshaller in sight. Standard taxi routes applied also for helicopters operations.
				APRON 1	Via TWY A & TWY B	
RWY 27	After landing backtrack, report RWY vacated and	ARR 27	To	APRON 2	Via TWY A	Only for LVO. Follow TWY A centre line light and report marshaller in sight.
RWY 09	After landing report RWY vacated and follow TWY A	ARR 09	To	APRON 2	Via TWY A	Follow TWY A centre line to the stand and report marshaller in sight. Standard taxi routes applied also for helicopters operations.
RWY 09	After landing report RWY vacated and follow TWY A	ARR 09	To	APRON 1	Via TWY A & TWY B	Follow TWY A centre line to the stand and report marshaller in sight. Standard taxi routes applied also for helicopters operations.

1.2 Departure Information

Departure from	Instruction given by ATC				Taxiway to be followed	Remarks
		Name of the Standard Taxi Route				
APRON 2	Taxi via standard taxi route	DEP 27	To holding position	RWY 27	Via TWY A	Follow TWY A centre line & light to RWY holding position. Standard taxi routes applied also for helicopters operations.
APRON 1	Taxi via standard taxi route	DEP 27	To holding position	RWY 27	Via TWY A & TWY B	Follow TWY A centre line & light to RWY holding position. Standard taxi routes applied also for helicopters operations.
APRON 2	Taxi to holding point RWY 27 to TWY A	DEP 27	To RWY 27		Via TWY A	Only for LVO. Follow TWY A centre line & light to RWY holding position.
APRON 2	Taxi via standard taxi route	DEP 09	To holding position	RWY 09	Taxi approved via TWY A to holding position, enter in line up RWY 09.	Follow TWY A centre line & light to RWY holding position. Standard taxi routes applied also for helicopters operations.
APRON 1	Taxi via standard taxi route	DEP 09	To holding position	RWY 09	Taxi approved via TWY A & TWY B to holding position, enter in line up RWY 09	Follow TWY A centre line & light to RWY holding position. Standard taxi routes applied also for helicopters operations.

2. Airport regulations / Reguli de aeroport

2.1 Before landing on airport or before filling LRAR as alternate for aircraft with maximum ACN higher than 41 for rigid pavements subgrades code C operators are required to contact airport administration for permission to operate on aerodrome.

2.2 TWY B and Apron 1 are exclusively for aircraft max code B.

2.3 Helicopter landing and take-off are carried out using the maneuvering surface of Arad Airport.

2.1 Înainte de operarea pe aeroport sau înainte de a declara LRAR ca aeroport de rezervă, pentru aeronavele cu ACN mai mare decât 41 pentru suprafață rigidă categoria C operatorii sunt obligați să ia legătura cu administrația aeroportului pentru obținerea permisiunii de a opera pe aerodrom.

2.2 TWY B și Apron 1 sunt utilizate doar de aeronave cu litera de cod max B.

2.3 Aterizarea și decolarea elicopterelor se efectuează folosind suprafața de manevră a Aeroportului Arad.

LRAR AD 2.21 NOISE ABATEMENT PROCEDURES

See AD 1.1-3

LRAR AD 2.22 FLIGHT PROCEDURES

1. P-RNAV REQUIREMENTS

RNAV SID and STAR procedures within ARAD TMA are based on DME-DME sensors and designed in accordance with RNAV-1 (P-RNAV) criteria. RNAV-1 (P-RNAV) approval is required to conduct these procedures without additional restrictions.

RNAV-1 (P-RNAV) approved aircraft operators shall insert designator "P" in Item 10 of the flight plan according to ICAO Doc 7030 Regional Supplementary Procedures.

Expect direct routing/shortcuts by ATC whenever possible (especially during off-peak hours). The turn to final approach is usually performed by radar vectors to expedite traffic handling and for separation reasons.

On both RWY directions, tactical points for non-standard shorter approach are established: for arrival Arad RWY 09 – WPT AR111, for arrivals Arad RWY 27 – WPT AR211. These points may be used only after request/approval of air crews.

Vertical planning information: air crews should plan for possible descent clearance in accordance with vertical restrictions specified on STAR charts. Actual descent clearance will be as directed by ATC.

In case a published climb gradient can not be respected, air crews should request non-standard departure before startup.

1. CERINȚE P-RNAV

În TMA Arad, procedurile SID și STAR RNAV sunt bazate pe senzori DME/DME și sunt proiectate în conformitate cu criteriile RNAV-1 (P-RNAV). Este necesară deținerea unei aprobări pentru operațiuni RNAV-1 (P-RNAV) pentru a utiliza aceste proceduri fără restricții suplimentare.

Operatorii aeronavelor certificați RNAV-1 (P-RNAV) trebuie să insereze indicatorul "P" în câmpul 10 al planului de zbor în conformitate cu Doc. OACI 7030 – Proceduri regionale suplimentare.

ATC poate autoriza rute directe/mai scurte ori de câte ori este posibil (în special în afara perioadelor de vârf). Interceptarea direcției apropierii finale se face de obicei prin vectorizare radar pentru a facilita traficul, precum și în scopul asigurării eşalonării.

Pe ambele direcții ale pistei sunt stabilite puncte tactice pentru apropieri non-standard mai scurte: pentru sosiri Arad RWY 09 – WPT AR111, pentru sosiri Arad RWY 27 – WPT AR211. Aceste puncte pot fi utilizate doar după solicitare/aprobare de către pilot.

Informații privind planificarea profilului vertical: se recomandă ca pilotul să planifice profilul având în vedere o posibilă autorizare de coborâre în conformitate cu restricțiile de altitudine precizate pe hărțile STAR. ATC va da o autorizare de coborâre actualizată.

În cazul în care un gradient de urcare publicat nu poate fi respectat, se recomandă ca pilotul să solicite o plecare non-standard înainte de pornirea motoarelor.

2. RADIO COMMUNICATION FAILURE PROCEDURE FOR IFR FLIGHTS

a) General procedure when no STARs are in use

Set transponder to 7600 and continue flight at the last flight level/altitude assigned by ATC to ARD VOR/DME. Descend in holding pattern over ARD VOR/DME, then execute an instrument approach procedure.

b) Communication failure procedure when conducting a P-RNAV or conventional SID

Set transponder to 7600. Continue on assigned and acknowledged SID. After 2 minutes climb to FPL flight level. If being vectored, continue on assigned heading for 2 minutes, then proceed direct to last SID (WPT or REP, as appropriate) climbing to FPL flight level.

c) Communication failure procedure when conducting a P-RNAV STAR

If STAR was assigned and acknowledged by air crew, set transponder to 7600, continue with FPL and assigned STAR, then execute an instrument approach procedure and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2 minutes from setting 7600.

If STAR was assigned and acknowledged by air crew and vectoring was initiated, set transponder to 7600 and continue on assigned heading and last cleared and acknowledged altitude for 2 minutes from setting 7600. Then proceed direct FAP/FAF and execute an instrument approach procedure and land. Descending shall be executed in accordance with vertical restrictions specified on chart.

If STAR was not assigned, set transponder to 7600, proceed according to FPL and FPL STAR, execute an instrument approach procedure and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2 minutes from setting 7600. If landing is not possible execute missed approach and proceed to FAP/FAF of most convenient RWY, execute an instrument approach procedure and land.

d) Communication failure procedure when conducting a CONVENTIONAL STAR

If STAR was assigned and acknowledged by air crew, set transponder to 7600, continue with FPL and assigned STAR, then execute an instrument approach procedure and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2 minutes from setting 7600.

If STAR was assigned and acknowledged by air crew and vectoring was initiated, set transponder to 7600 and continue on assigned heading and last cleared and acknowledged altitude for 2 minutes from setting 7600. Then proceed direct ARD VOR/DME and execute an instrument approach procedure and land. Descending shall be executed in accordance with vertical restrictions specified on chart.

If STAR was not assigned, set transponder to 7600, proceed according to FPL and FPL STAR, execute an instrument approach procedure and land. Descending shall be executed in accordance with vertical restrictions specified on chart after 2 minutes from setting 7600.

2. PROCEDURA PENTRU ZBORURI IFR ÎN CAZUL ÎNTRERUPERII COMUNICAȚIILOR RADIO

a) Procedura generală pentru cazul când nu sunt disponibile rute STAR

Setați transponderul 7600 și continuați zborul la ultimul FL/altitudine alocat de ATC către ARD VOR/DME. Coborâți în procedura de așteptare ARD VOR/DME, apoi executați o procedură de apropiere instrumentală.

b) Procedura pentru cazul întreruperii comunicațiilor în timpul executării unei rute SID convenționale sau P-RNAV

Setați transponderul 7600. Continuați pe ruta SID alocată și confirmată. După 2 minute urcați la nivelul de zbor prevăzut în FPL. În cazul vectorizării, continuați pe capul alocat timp de 2 minute, apoi procedați direct către ultimul punct semnificativ al rutei SID, urcând la nivelul de zbor prevăzut în FPL.

c) Procedura pentru întreruperea comunicațiilor în timpul executării unei rute STAR P-RNAV

În cazul în care ruta STAR a fost alocată și confirmată de pilot, setați transponderul 7600, continuați conform FPL și rutei STAR alocate, apoi executați o procedură de apropiere instrumentală și aterizați. Coborârea trebuie executată în conformitate cu restricțiile verticale precizate pe hartă, după 2 minute de la setarea 7600.

În cazul în care ruta STAR a fost alocată și confirmată de pilot și a fost inițiată vectorizarea, setați transponderul 7600 și continuați pe capul alocat și ultima altitudine autorizată și confirmată timp de 2 minute de la setarea 7600. Apoi procedați direct către FAF/FAP și executați o procedură de apropiere instrumentală și aterizați. Coborârea trebuie executată în conformitate cu restricțiile verticale precizate pe hartă.

În cazul în care ruta STAR nu a fost alocată, setați transponderul 7600, procedați conform FPL și rutei STAR inclusă în FPL, executați o procedură de apropiere instrumentală, apoi aterizați. Coborârea trebuie executată în conformitate cu restricțiile verticale precizate pe hartă, după 2 minute de la setarea 7600. Dacă aterizarea nu este posibilă, executați procedura de întrerupere a apropierii și procedați către FAF/FAP al pistei celei mai convenabile, executați o procedură de apropiere instrumentală și aterizați.

d) Procedura pentru întreruperea comunicațiilor pe timpul executării unei rute STAR convenționale

În cazul în care o rută STAR a fost alocată și confirmată de pilot, setați transponderul 7600, continuați conform FPL și rutei STAR alocate, apoi executați o procedură de apropiere instrumentală și aterizați. Coborârea trebuie executată în conformitate cu restricțiile verticale precizate pe hartă, după 2 minute de la setarea 7600.

În cazul în care ruta STAR a fost alocată și confirmată de pilot și a fost inițiată vectorizarea, setați transponderul 7600 și continuați pe capul alocat și ultima altitudine autorizată și confirmată timp de 2 minute de la setarea 7600. Apoi procedați direct către ARD VOR/DME, executați o procedură de apropiere instrumentală și aterizați. Coborârea trebuie executată în conformitate cu restricțiile verticale precizate pe hartă.

În cazul în care ruta STAR nu a fost alocată, setați transponderul 7600, procedați conform FPL și rutei STAR incluse în FPL, executați o procedură de apropiere instrumentală și aterizați. Coborârea trebuie executată în conformitate cu restricțiile verticale precizate pe hartă, după 2 minute de la setarea 7600.

3. LOW VISIBILITY PROCEDURES

1. Description of facilities

1.1 Runway 27 is equipped with ILS and is approved for CAT II (RVR not less than 350M) operations. Runway 27 is approved for LVTO.

2. Criteria for the initiation and termination of LVP

2.1 Approach and landing

a) The preparation phase will be implemented when horizontal visibility falls below 1500m or RVR tendency is 800m or ceiling is 500ft.

b) The operations phase will be commenced when the RVR falls below to 550m (visibility falls below 800m) or ceiling is below 200ft.

c) LVP will be terminated when RVR is greater than 800m and ceiling is greater than 500ft and a continuing improvement in these conditions is anticipated.

2.2 Take-off

a) LVP operations will be provided when requested by an aircraft operator to conduct LVTO when the RVR is below 550m.

b) If LVP operations are not in force, LVTO must be requested a minimum of 30 minutes in advance to permit the appropriate preparations.

3. Details of the runway release

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

3.2 Pilots shall report "RUNWAY VACCATED" only after the aircraft passed the green/yellow light-coded taxiway centerline light section of taxiway A.

4. Any ground movement restrictions

4.1 Aircraft movements on manoeuvring area to/from RWY 27/09 should be made using the Standard Taxi- Routes.

4.2 Upon receiving taxi clearance, aircraft must only proceed when a green centreline path is illuminated.

4.3 During LVTO, taxiing is normally restricted to one aircraft movement at a time. Operation of vehicles on the manoeuvring area is not permitted when LVTO is in progress.

4.4 Stop Bar lights are permanently switched on in LVP conditions.

5. Description of LVP

5.1 Pilots will be informed by RTF when the LVP are in force.

5.2 Critical and sensitive ILS GP and LOC areas are protected during LVP and LVTO.

5.3 The number of vehicles permitted to access the surface of the platforms shall be reduced strictly to the minimum necessary for the aircraft servicing.

5.4 Any aircraft, vehicle or person shall not enter/remain on the maneuvering surface when an aircraft is in the approach procedure.

6. Approach simulation

6.1 In order to perform a CAT II approach simulation, the pilots shall request this to TWR ARAD, at the entrance to the CTR. This request shall be made in advance so as to enable all necessary measures to be taken to carry out this type of approach.

3. PROCEDURI ÎN CONDIȚII DE VIZIBILITATE REDUSĂ

1. Descrierea facilităților

1.1 Pista 27 este echipată cu ILS și este autorizată pentru desfășurarea operațiunilor CAT II (RVR nu mai mică de 350M). Pista 27 este autorizată pentru LVTO.

2. Criterii pentru inițierea și terminarea LVP

2.1 Apropierea și aterizarea

a) Faza de pregătire va fi implementată atunci când vizibilitatea orizontală scade sub 1500m sau RVR are tendința de scadere sub 800m sau plafonul este la 500ft.

b) Faza operațională va fi declanșată atunci când valoarea RVR scade sub 550m (vizibilitatea orizontală scade sub 800m) sau plafonul este sub 200ft

c) Procedurile în condiții de vizibilitate redusă vor fi încheiate atunci când valoarea RVR este mai mare de 800m și plafonul este mai mare de 500ft și este anticipată îmbunătățirea continuă a acestor condiții.

2.2 Decolarea

a) Operațiunile în condiții de vizibilitate redusă vor fi declanșate când există solicitarea unui operator aerian să decoleze când valoarea RVR este mai mică de 550m.

b) Dacă procedurile în condiții de vizibilitate redusă nu sunt declanșate, LVTO trebuie solicitată cu 30 minute înainte pentru a permite pregătirile corespunzătoare LVTO.

3. Detalii privind eliberarea pistei

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

3.2 Pilotii vor raporta "PISTA LIBERĂ" numai după ce aeronava a depășit segmentul codat cu lumini verde/galben al axului căi de rulare A.

4. Restricții privind mișcarea la sol

4.1 Toate mișcările pe suprafața de manevră spre/dinspre pista 27/09 trebuie făcute utilizând Rutele de Rulare Standard.

4.2 După obținerea autorizării de rulare, aeronava trebuie să înceapă rularea doar atunci când luminile axiale au fost aprinse.

4.3 În timpul LVTO rularea pe suprafața de manevră este restricționată la o singură aeronavă. Operarea vehiculelor pe suprafața de manevră nu este permisă când LVTO este în desfășurare.

4.4 Luminile Stop Bar sunt aprinse permanent în condiții LVP.

5. Descrierea procedurilor în condiții de vizibilitate redusă

5.1 Pilotii vor fi informați RTF atunci când procedurile LVP sunt active.

5.2 Zonele critice și sensibile ILS GP și LOC sunt protejate pe timpul operațiunilor LVP și LVTO.

5.3 Numărul vehiculelor cărora li se permite accesul pe suprafața platformelor se reduce strict la minimum necesar pentru deservirea aeronavelor.

5.4 Este interzisă intrarea/staționarea pe suprafața de manevră a oricărei aeronave, vehicul sau persoane când o aeronavă se află în procedura de apropiere.

6. Simulări de apropiere

6.1 Pentru efectuarea unei simulări de apropiere CAT II, piloții vor solicita acest lucru către TWR ARAD, la intrarea în CTR. Această solicitare va fi adresată din timp astfel încât să permită luarea tuturor măsurilor necesare efectuării acestui tip de apropiere.

6.2 TWR Arad will authorize such a request only if it has ensured that the technical and operational requirements related to the integrity of the ILS 27 system are met in terms of the category of operation requested / authorized, that the integrity of the critical and sensitive areas of the ILS is ensured, as well as ensuring the minimum allowable separation for the LVP.

6.2 TWR Arad va autoriza o astfel de solicitare numai în condițiile în care s-a asigurat că sunt îndeplinite cerințele tehnice și operaționale relative la integritatea sistemului ILS 27 din punct de vedere al categoriei operațiunii solicitate / autorizate, că este asigurată integritatea suprafețelor critice și sensibile ILS, precum și că sunt asigurate eșalonările minime permise pentru LVP.

LRAR AD 2.23 ADDITIONAL INFORMATION

List of waypoints:

Designator/WPT	Latitude	Longitude	Type / functionality
ABIDA	460400.151N	0204345.154E	On request / Fly-by
ADUXI	455859.705N	0210406.721E	On request / Fly-by
AGASU	455251.769N	0214829.309E	On request / Fly-by
AR011	460952.070N	0212651.239E	On request / Fly-by
AR012	460833.795N	0214612.382E	On request / Fly-by
AR013	455941.098N	0212652.779E	On request / Fly-by
AR014	453409.025N	0212656.662E	On request / Fly-by
AR211	460918.207N	0213519.655E	On request / Fly-by
AR212	460849.092N	0214229.298E	On request / Fly-by
AR220	460348.462N	0212720.854E	On request / Fly-by
AR221	460319.850N	0213429.861E	On request / Fly-by
AR222	460250.791N	0214138.740E	On request / Fly-by
AR932	455611.339N	0214042.600E	On request / Fly-by
AR940	460419.430N	0211928.642E	On request / Fly-by
AR941	455527.769N	0211817.503E	On request / Fly-by
AR950	460501.073N	0210839.937E	On request / Fly-by
AR951	460517.273N	0210423.107E	On request / Fly-by
ARD	461102.662N	0210837.039E	On request / Fly-by
BESVA	460030.854N	0210842.096E	On request / Fly-by
DIPUX	455317.936N	0215202.365E	On request / Fly-by
DITAX	452808.080N	0222013.620E	Compulsory / Fly-by
DIVEL	453118.652N	0211824.871E	On request / Fly-by
ERUKO	454950.523N	0220528.231E	On request / Fly-by
FAF 09	461038.553N	0211457.137E	On request / Fly-by
FAF 27	460947.396N	0212801.984E	On request / Fly over
GOVIN	453841.982N	0210852.487E	On request / Fly-by
GUPRO	452718.553N	0215340.798E	On request / Fly-by
INGOP	452554.847N	0210858.525E	On request / Fly-by
LUSOM	452448.642N	0212658.089E	On request / Fly-by
LUXOT	455112.590N	0213510.296E	On request / Fly-by
MAVIT	451424.000N	0211830.000E	Compulsory / Fly-by
MEDUD	460759.437N	0205326.920E	On request / Fly-by
MOPUG	460948.500N	0204228.979E	Compulsory / Fly-by
NEKUL	453100.459N	0223512.370E	Compulsory / Fly-by
NOPTI	461855.190N	0215946.587E	Compulsory / Fly-by
ROMUX	455120.581N	0203724.025E	Compulsory / Fly-by
SOSIL	452105.108N	0211827.984E	On request / Fly-by
TEGRI	461546.028N	0210616.335E	Compulsory / Fly-by
TSR	454904.747N	0211819.456E	On request / Fly-by
VASIS	455711.595N	0222429.070E	Compulsory / Fly-by

LRAR AD 2.24 CHARTS RELATED TO THE AERODROME

Aerodrome Chart - ICAO	AD 2.1-20
Aircraft Parking/Docking Chart - ICAO - APRON 1 / APRON 2.....	AD 2.1-22
Aerodrome Obstacle Chart - ICAO - Type A	
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RWY 27	AD 2.1-26
Precision Approach Terrain Chart - ICAO	
RWY 27	AD 2.1-29
Standard Departure Chart RWY 27 - ICAO.....	AD 2.1-31
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Standard Departure Chart RWY 09 - ICAO.....	AD 2.1-33
Standard Departure Chart RWY 27- ICAO.....	AD 2.1-34
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RNAV Arrival Chart RWY 09 - ICAO	AD 2.1-36
RNAV Departure Chart RWY 09 - ICAO	AD 2.1-37
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Bird concentrations in the vicinity of the aerodrome.....	AD 2.1-46
Instrument Approach Charts - ICAO	
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RWY 27 ILS CAT C, D.....	AD 2.1-54
RWY 09 VOR.....	AD 2.1-81
RWY 27 VOR CAT A, B.....	AD 2.1-83
RWY 27 VOR CAT C, D	AD 2.1-84

LRAR AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

Not applicable