

29026/22.10.2024

**MUNICIPIUL CLUJ-NAPOCA**

Adresă de corespondență: transregio@explan.ro



Spre  
știință: 1. AEROPORTUL INTERNAȚIONAL AVRAM IANCU CLUJ  
2. R.A. ROMATSA

În baza prevederilor art. 87 din Legea nr. 21/ 2020 privind Codul aerian al României din 2020, și ale Hotărârii Guvernului nr. 405/1993 privind înființarea Autorității Aeronautice Civile Române, modificată și completată, în temeiul art. 3.7. și 3.8. din Reglementarea aeronautică civilă română privind emiterea avizelor la documentațiile tehnice aferente obiectivelor din zone în care pot constitui obstacole pentru navigația aeriană sau pot afecta siguranța zborului pe teritoriul și în spațiul aerian României – RACR – AVZ ediția 2/ 2020, aprobată prin OMTIC nr. 893/2020,

Autoritatea Aeronautică Civilă Română emite prezentul

**AVIZ FAVORABIL**

pentru documentația SF - Etapa II - Drum Transregio Feleac TR 35 - Drumuri de legătură din cadrul proiectului general Drum TRANSREGIO FELEAC TR 35 fazele Studiu de fezabilitate, PUZ și DTAC, pe terenul situat în, mun. Cluj-Napoca, com. Florești, sat Florești și Luna de Sus, com. Gilău, sat Gilău, com. Baci, sat Baci, Suceagu și Popeșu, com. Apahida, sat Apahida, Sănnicoară și Subcoastă, com. Feleacu, sat Feleacu, com. Căpușu Mare, sat Căpușu Mare, județul Cluj. Amplasamentul este situat în suprafața de proiecție la sol a zonei I, a zonei II, a zonei III și a zonei IV de servitute aeronautică civilă a Aeroportului Internațional Avram Iancu Cluj.

Avizul este condiționat de:

1. Respectarea amplasamentelor și a datelor precizate în documentația transmisă spre avizare;

UAT FLOREȘTI - DRUM DL 11								
Coordonate WGS 84				Cote MN 75				
Nr. crt.	Denumire obstacol	Latitudine N	Longitudine E	Cota Media teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi iluminat (m)	Cota cu stâlpi iluminat (m)
1	F11-1	46°44'57.57183"N	23°30'44.26164"E	363.12	+0.833	362.28	8.00	370.28
2	F11-2	46°44'58.17956"N	23°30'43.93527"E	363.12	-1.332	361.79	8.00	369.79
3	F11-3	46°44'58.78723"N	23°30'43.60890"E	363.12	-1.394	361.72	8.00	369.72
4	F11-4	46°44'59.39491"N	23°30'43.28252"E	363.12	-1.455	361.66	8.00	369.66
5	F11-5	46°45'00.00258"N	23°30'42.95615"E	363.12	-1.515	361.60	8.00	369.60
6	F11-6	46°45'00.61025"N	23°30'42.62977"E	363.12	-1.576	361.54	8.00	369.54

**AACR CONTACT**

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7	F11-7	46°45'01.21792"N	23°30'42.30339"E	363.12	+1.637	361.48	8.00	369.48
8	F11-8	46°45'01.82559"N	23°30'41.97701"E	363.12	-1.688	361.42	8.00	369.42
9	F11-9	46°45'02.43327"N	23°30'41.65063"E	363.12	-1.759	361.36	8.00	369.36
10	F11-10	46°45'03.04094"N	23°30'41.32424"E	363.12	-1.819	361.30	8.00	369.30
11	F11-11	46°45'03.64861"N	23°30'40.99785"E	363.12	-1.88	361.24	8.00	369.24
12	F11-12	46°45'04.25628"N	23°30'40.67146"E	363.12	-1.941	361.18	8.00	369.18
13	F11-13	46°45'04.86385"N	23°30'40.34507"E	363.12	-2.002	361.12	8.00	369.12
14	F11-14	46°45'05.47010"N	23°30'40.01281"E	363.12	-2.063	361.06	8.00	369.06
15	F11-15	46°45'06.06015"N	23°30'39.62501"E	363.12	-2.123	360.99	8.00	368.99
16	F11-16	46°45'06.60508"N	23°30'39.11793"E	363.12	-2.184	360.93	8.00	368.93
17	F11-17	46°45'07.06496"N	23°30'38.45703"E	363.12	-2.245	360.87	8.00	368.87
18	F11-18	46°45'07.41366"N	23°30'37.66519"E	363.12	-2.306	360.81	8.00	368.81
19	F11-19	46°45'07.65518"N	23°30'36.78155"E	363.12	-2.366	360.75	8.00	368.75
20	F11-20	46°45'07.82909"N	23°30'35.88391"E	363.12	-2.426	360.69	8.00	368.69
21	F11-21	46°45'07.97062"N	23°30'34.96451"E	363.12	-2.457	360.66	8.00	368.66
22	F11-22	46°45'08.03339"N	23°30'34.02725"E	363.12	-2.447	360.67	8.00	368.67
23	F11-23	46°45'08.00788"N	23°30'33.08618"E	363.12	-2.358	360.72	8.00	368.72
24	F11-24	46°45'07.95225"N	23°30'32.14723"E	363.12	-2.314	360.80	8.00	368.80
25	F11-25	46°45'07.89652"N	23°30'31.20828"E	363.12	-2.226	360.89	8.00	368.89
26	F11-26	46°45'07.84076"N	23°30'30.26933"E	363.12	-2.138	360.98	8.00	368.98
27	F11-27	46°45'07.78505"N	23°30'29.33039"E	363.12	-2.05	361.07	8.00	369.07
28	F11-28	46°45'07.72831"N	23°30'28.39144"E	363.12	-1.962	361.16	8.00	369.16
29	F11-29	46°45'07.67357"N	23°30'27.45249"E	363.12	-1.874	361.24	8.00	369.24
30	F11-30	46°45'07.61783"N	23°30'26.51355"E	363.12	-1.787	361.33	8.00	369.33
31	F11-31	46°45'07.56208"N	23°30'25.57460"E	363.12	-1.699	361.42	8.00	369.42
32	F11-32	46°45'07.50633"N	23°30'24.63566"E	363.12	-1.611	361.51	8.00	369.51
33	F11-33	46°45'07.45058"N	23°30'23.69671"E	363.12	-1.523	361.59	8.00	369.59
34	F11-34	46°45'07.39483"N	23°30'22.75777"E	363.12	-1.435	361.68	8.00	369.68
35	F11-35	46°45'07.33908"N	23°30'21.81883"E	363.12	-1.347	361.77	8.00	369.77
36	F11-36	46°45'07.28333"N	23°30'20.87989"E	363.12	-1.259	361.86	8.00	369.86
37	F11-37	46°45'07.22757"N	23°30'19.94095"E	363.12	-1.171	361.95	8.00	369.95
38	F11-38	46°45'07.17181"N	23°30'19.00201"E	363.12	-1.083	362.03	8.00	370.03
39	F11-39	46°45'07.11605"N	23°30'18.06307"E	363.12	-0.995	362.12	8.00	370.12
40	F11-40	46°45'07.06029"N	23°30'17.12413"E	363.12	-0.904	362.21	8.00	370.21
41	F11-41	46°45'07.00452"N	23°30'16.18519"E	363.12	-0.877	362.44	8.00	370.44
42	F11-42	46°45'06.94875"N	23°30'15.24624"E	363.12	-0.249	362.87	8.00	370.87
43	F11-43	46°45'06.89298"N	23°30'14.30731"E	363.12	0.378	363.50	8.00	371.50
44	F11-44	46°45'06.83721"N	23°30'13.36837"E	363.12	1.164	364.28	8.00	372.28
45	F11-45	46°45'06.78144"N	23°30'12.42943"E	363.12	1.788	364.91	8.00	372.91
46	F11-46	46°45'06.72566"N	23°30'11.49050"E	363.12	2.012	365.13	8.00	373.13
47	F11-47	46°45'06.66988"N	23°30'10.55156"E	363.12	1.837	364.96	8.00	372.96
48	F11-48	46°45'06.61410"N	23°30'09.61263"E	363.12	1.261	364.38	8.00	372.38
49	F11-49	46°45'06.55832"N	23°30'08.67369"E	363.12	0.581	363.70	8.00	371.70
50	F11-50	46°45'06.50254"N	23°30'07.73475"E	363.12	0.101	363.22	8.00	371.22
51	F11-51	46°45'06.44675"N	23°30'06.79582"E	363.12	-0.179	362.94	8.00	370.94
52	F11-52	46°45'06.39096"N	23°30'05.85689"E	363.12	-0.259	362.86	8.00	370.86
53	F11-53	46°45'06.33517"N	23°30'04.91785"E	363.12	-0.186	362.93	8.00	370.93
54	F11-54	46°45'06.27938"N	23°30'03.97802"E	363.12	-0.105	363.01	8.00	371.01
55	F11-55	46°45'06.22358"N	23°30'03.04009"E	363.12	-0.023	363.09	8.00	371.09
56	F11-56	46°45'06.16779"N	23°30'02.10116"E	363.12	0.058	363.18	8.00	371.18
57	F11-57	46°45'06.11198"N	23°30'01.16223"E	363.12	0.14	363.26	8.00	371.26
58	F11-58	46°45'06.05619"N	23°30'00.22330"E	363.12	0.221	363.34	8.00	371.34
59	F11-59	46°45'06.00039"N	23°29'59.28437"E	363.12	0.303	363.42	8.00	371.42
60	F11-60	46°45'05.94458"N	23°29'58.34544"E	363.12	0.385	363.50	8.00	371.50
61	F11-61	46°45'05.88877"N	23°29'57.40651"E	363.12	0.468	363.58	8.00	371.58
62	F11-62	46°45'05.83296"N	23°29'56.46758"E	363.12	0.548	363.67	8.00	371.67
63	F11-63	46°45'05.77715"N	23°29'55.52866"E	363.12	0.629	363.75	8.00	371.75

64	F11-64	46°45'05.72506"N	23°29'54.58828"E	363.12	0.711	363.83	8.00	371.83
65	F11-65	46°45'05.68256"N	23°29'53.64889"E	363.12	0.792	363.91	8.00	371.91
66	F11-66	46°45'05.64178"N	23°29'52.70833"E	363.12	0.874	363.99	8.00	371.99
67	F11-67	46°45'05.60099"N	23°29'51.76776"E	363.12	0.956	364.07	8.00	372.07
68	F11-68	46°45'05.55867"N	23°29'50.82735"E	363.12	1.037	364.15	8.00	372.15
69	F11-69	46°45'05.50649"N	23°29'49.86800"E	363.12	1.119	364.24	8.00	372.24
70	F11-70	46°45'05.45430"N	23°29'48.94863"E	363.12	1.2	364.32	8.00	372.32
71	F11-71	46°45'05.40211"N	23°29'48.00926"E	363.12	1.282	364.40	8.00	372.40
72	F11-72	46°45'05.34992"N	23°29'47.06990"E	363.12	1.363	364.48	8.00	372.48
73	F11-73	46°45'05.28773"N	23°29'46.13053"E	363.12	1.445	364.56	8.00	372.56
74	F11-74	46°45'05.24553"N	23°29'45.19117"E	363.12	1.527	364.64	8.00	372.64
75	F11-75	46°45'05.19334"N	23°29'44.25180"E	363.12	1.608	364.73	8.00	372.73
76	F11-76	46°45'05.14114"N	23°29'43.31244"E	363.12	1.69	364.81	8.00	372.81
77	F11-77	46°45'05.08894"N	23°29'42.37307"E	363.12	1.771	364.89	8.00	372.89
78	F11-78	46°45'05.03674"N	23°29'41.43371"E	363.12	1.853	364.97	8.00	372.97
79	F11-79	46°45'04.98453"N	23°29'40.49435"E	363.12	1.934	365.05	8.00	373.05
80	F11-80	46°45'04.93232"N	23°29'39.55499"E	363.12	2.016	365.13	8.00	373.13
81	F11-81	46°45'04.88011"N	23°29'38.61562"E	363.12	2.098	365.22	8.00	373.22
82	F11-82	46°45'04.82790"N	23°29'37.67626"E	363.12	2.179	365.30	8.00	373.30
83	F11-83	46°45'04.77569"N	23°29'36.73696"E	363.12	2.261	365.38	8.00	373.38
84	F11-84	46°45'04.72348"N	23°29'35.79754"E	363.12	2.342	365.46	8.00	373.46
85	F11-85	46°45'04.67065"N	23°29'34.85826"E	363.12	2.424	365.54	8.00	373.54
86	F11-86	46°45'04.61334"N	23°29'33.91953"E	363.12	2.505	365.62	8.00	373.62
87	F11-87	46°45'04.55086"N	23°29'32.98154"E	363.12	2.587	365.70	8.00	373.70
88	F11-88	46°45'04.48382"N	23°29'32.04412"E	363.12	2.668	365.79	8.00	373.79
89	F11-89	46°45'04.41640"N	23°29'31.10583"E	363.12	2.75	365.87	8.00	373.87
90	F11-90	46°45'04.34885"N	23°29'30.16654"E	363.12	2.832	365.95	8.00	373.95
91	F11-91	46°45'04.28132"N	23°29'29.23225"E	363.12	2.913	366.03	8.00	374.03
92	F11-92	46°45'04.14269"N	23°29'28.31546"E	363.12	2.995	366.11	8.00	374.11
93	F11-93	46°45'03.80870"N	23°29'27.51307"E	363.12	3.076	366.19	8.00	374.19
94	F11-94	46°45'03.31284"N	23°29'26.91385"E	363.12	3.158	366.28	8.00	374.28
95	F11-95	46°45'02.71731"N	23°29'26.54587"E	363.12	3.239	366.36	8.00	374.36
96	F11-96	46°45'02.11122"N	23°29'26.21335"E	363.12	3.321	366.44	8.00	374.44
97	F11-97	46°45'01.50513"N	23°29'25.83084"E	363.12	3.403	366.52	8.00	374.52
98	F11-98	46°45'00.89904"N	23°29'25.54832"E	363.12	3.484	366.60	8.00	374.60
99	F11-99	46°45'00.28285"N	23°29'25.21581"E	363.12	3.566	366.68	8.00	374.68
100	F11-100	46°44'59.68686"N	23°29'24.88330"E	363.12	3.647	366.76	8.00	374.76
101	F11-101	46°44'59.29752"N	23°29'24.66970"E	363.12	3.7	366.82	8.00	374.82

**UAT FLOREȘTI – DRUM OL 12**

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi iluminat (m)	Cota cu stâlpi iluminat (m)
1	F12-1	46°45'36.27381"N	23°30'16.78579"E	371.17	35.30	406.48	8.00	414.48
2	F12-2	46°45'35.66100"N	23°30'17.04489"E	371.17	33.12	404.29	8.00	412.29
3	F12-3	46°45'35.02820"N	23°30'17.30398"E	371.17	32.42	403.59	8.00	411.59
4	F12-4	46°45'34.40540"N	23°30'17.56308"E	371.17	31.37	402.54	8.00	410.54
5	F12-5	46°45'33.78259"N	23°30'17.82217"E	371.17	29.85	401.12	8.00	409.12
6	F12-6	46°45'33.15979"N	23°30'18.08126"E	371.17	28.45	399.62	8.00	407.62
7	F12-7	46°45'32.53698"N	23°30'18.34034"E	371.17	26.95	398.12	8.00	406.12
8	F12-8	46°45'31.91418"N	23°30'18.59943"E	371.17	25.70	396.87	8.00	404.87
9	F12-9	46°45'31.29045"N	23°30'18.85368"E	371.17	24.81	395.98	8.00	403.98
10	F12-10	46°45'30.66512"N	23°30'19.09953"E	371.17	23.70	394.87	8.00	402.87
11	F12-11	46°45'30.03978"N	23°30'19.34539"E	371.17	22.24	393.42	8.00	401.42
12	F12-12	46°45'29.41445"N	23°30'19.59124"E	371.17	20.74	391.92	8.00	399.92



13	F12-13	46°45'28.78909"N	23°30'19.83697"E	371.17	19.24	390.42	8.00	398.42
14	F12-14	46°45'28.15985"N	23°30'20.06067"E	371.17	17.74	388.92	8.00	396.92
15	F12-15	46°45'27.51910"N	23°30'20.19259"E	371.17	16.24	387.42	8.00	395.42
16	F12-16	46°45'26.87320"N	23°30'20.15476"E	371.17	14.74	385.92	8.00	393.92
17	F12-17	46°45'26.25602"N	23°30'19.87926"E	371.17	13.20	384.48	8.00	392.48
18	F12-18	46°45'25.71713"N	23°30'19.36208"E	371.17	11.98	383.16	8.00	391.16
19	F12-19	46°45'25.30023"N	23°30'18.64490"E	371.17	10.78	381.96	8.00	389.96
20	F12-20	46°45'25.02620"N	23°30'17.79320"E	371.17	9.64	380.82	8.00	388.82
21	F12-21	46°45'24.86773"N	23°30'16.88023"E	371.17	8.50	379.68	8.00	387.68
22	F12-22	46°45'24.77827"N	23°30'15.94693"E	371.17	7.38	378.54	8.00	386.54
23	F12-23	46°45'24.70885"N	23°30'15.00993"E	371.17	6.28	377.45	8.00	385.45
24	F12-24	46°45'24.62786"N	23°30'14.07480"E	371.17	5.31	376.49	8.00	384.49
25	F12-25	46°45'24.51361"N	23°30'13.14717"E	371.17	4.47	375.64	8.00	383.64
26	F12-26	46°45'24.36598"N	23°30'12.22967"E	371.17	3.75	374.93	8.00	382.93
27	F12-27	46°45'24.18537"N	23°30'11.32454"E	371.17	3.16	374.33	8.00	382.33
28	F12-28	46°45'23.97230"N	23°30'10.43459"E	371.17	2.68	373.86	8.00	381.86
29	F12-29	46°45'23.72734"N	23°30'09.56219"E	371.17	2.26	373.44	8.00	381.44
30	F12-30	46°45'23.45157"N	23°30'08.70947"E	371.17	1.84	373.02	8.00	381.02
31	F12-31	46°45'23.16493"N	23°30'07.88426"E	371.17	1.42	372.60	8.00	380.60
32	F12-32	46°45'22.87830"N	23°30'07.01905"E	371.17	1.00	372.18	8.00	380.18
33	F12-33	46°45'22.59166"N	23°30'06.17385"E	371.17	0.58	371.76	8.00	379.76
34	F12-34	46°45'22.30502"N	23°30'05.32864"E	371.17	0.16	371.34	8.00	379.34
35	F12-35	46°45'22.01838"N	23°30'04.48345"E	371.17	-0.28	370.92	8.00	378.92
36	F12-36	46°45'21.73174"N	23°30'03.63825"E	371.17	-0.68	370.50	8.00	378.50
37	F12-37	46°45'21.44510"N	23°30'02.79305"E	371.17	-1.02	370.16	8.00	378.16
38	F12-38	46°45'21.15845"N	23°30'01.94786"E	371.17	-1.23	369.95	8.00	377.95
39	F12-39	46°45'20.87180"N	23°30'01.10267"E	371.17	-1.30	369.87	8.00	377.87
40	F12-40	46°45'20.58515"N	23°30'00.25748"E	371.17	-1.24	369.93	8.00	377.93
41	F12-41	46°45'20.29850"N	23°29'59.41230"E	371.17	-1.10	370.07	8.00	378.07
42	F12-42	46°45'20.01185"N	23°29'58.56712"E	371.17	-0.96	370.21	8.00	378.21
43	F12-43	46°45'19.72520"N	23°29'57.72194"E	371.17	-0.82	370.35	8.00	378.35
44	F12-44	46°45'19.43854"N	23°29'56.87676"E	371.17	-0.68	370.49	8.00	378.49
45	F12-45	46°45'19.15188"N	23°29'56.03158"E	371.17	-0.54	370.63	8.00	378.63
46	F12-46	46°45'18.86522"N	23°29'55.18641"E	371.17	-0.40	370.77	8.00	378.77
47	F12-47	46°45'18.57856"N	23°29'54.34124"E	371.17	-0.26	370.91	8.00	378.91
48	F12-48	46°45'18.29190"N	23°29'53.49607"E	371.17	-0.12	371.05	8.00	379.05
49	F12-49	46°45'18.00887"N	23°29'52.64834"E	371.17	0.02	371.19	8.00	379.19
50	F12-50	46°45'17.74707"N	23°29'51.78634"E	371.17	0.16	371.33	8.00	379.33
51	F12-51	46°45'17.50916"N	23°29'50.90980"E	371.17	0.20	371.38	8.00	379.38
52	F12-52	46°45'17.29553"N	23°29'50.02011"E	371.17	-0.03	371.14	8.00	379.14
53	F12-53	46°45'17.10653"N	23°29'49.11871"E	371.17	-0.56	370.62	8.00	378.62
54	F12-54	46°45'16.94245"N	23°29'48.20703"E	371.17	-1.36	369.81	8.00	377.81
55	F12-55	46°45'16.80060"N	23°29'47.28744"E	371.17	-2.26	368.91	8.00	376.91
56	F12-56	46°45'16.66213"N	23°29'46.36675"E	371.17	-3.09	368.08	8.00	376.08
57	F12-57	46°45'16.52367"N	23°29'45.44605"E	371.17	-3.75	367.43	8.00	375.43
58	F12-58	46°45'16.38520"N	23°29'44.52535"E	371.17	-4.21	366.96	8.00	374.96
59	F12-59	46°45'16.24672"N	23°29'43.60467"E	371.17	-4.48	366.68	8.00	374.68
60	F12-60	46°45'16.10205"N	23°29'42.68606"E	371.17	-4.65	366.52	8.00	374.52
61	F12-61	46°45'15.92190"N	23°29'41.78092"E	371.17	-4.81	366.36	8.00	374.36
62	F12-62	46°45'15.70313"N	23°29'40.89399"E	371.17	-4.97	366.20	8.00	374.20
63	F12-63	46°45'15.44661"N	23°29'40.02874"E	371.17	-5.13	366.05	8.00	374.05
64	F12-64	46°45'15.19333"N	23°29'39.18658"E	371.17	-5.23	365.95	8.00	373.95
65	F12-65	46°45'14.82445"N	23°29'38.37681"E	371.17	-5.27	365.91	8.00	373.91
66	F12-66	46°45'14.48126"N	23°29'37.59861"E	371.17	-5.24	365.93	8.00	373.93
67	F12-67	46°45'14.06519"N	23°29'36.85105"E	371.17	-5.18	365.99	8.00	373.99
68	F12-68	46°45'13.63780"N	23°29'36.14306"E	371.17	-5.12	366.05	8.00	374.05
69	F12-69	46°45'13.18076"N	23°29'35.47542"E	371.17	-5.05	366.11	8.00	374.11

70	F12-70	46°45'12.69588"N	23°29'34.85076"E	371.17	-5.00	366.17	8.00	374.17
71	F12-71	46°45'12.18505"N	23°29'34.27153"E	371.17	-4.94	366.23	8.00	374.23
72	F12-72	46°45'11.85027"N	23°29'33.73999"E	371.17	-4.88	366.29	8.00	374.29
73	F12-73	46°45'11.09367"N	23°29'33.25825"E	371.17	-4.82	366.35	8.00	374.35
74	F12-74	46°45'10.51741"N	23°29'32.82819"E	371.17	-4.78	366.40	8.00	374.40
75	F12-75	46°45'09.92377"N	23°29'32.45151"E	371.17	-4.78	366.39	8.00	374.39
76	F12-76	46°45'09.31507"N	23°29'32.12967"E	371.17	-4.84	366.33	8.00	374.33
77	F12-77	46°45'08.89371"N	23°29'31.86395"E	371.17	-4.95	366.22	8.00	374.22
78	F12-78	46°45'08.08213"N	23°29'31.65539"E	371.17	-5.07	366.10	8.00	374.10
79	F12-79	46°45'07.42281"N	23°29'31.50480"E	371.17	-5.20	365.98	8.00	373.98
80	F12-80	46°45'06.77825"N	23°29'31.41279"E	371.17	-5.32	365.86	8.00	373.86
81	F12-81	46°45'06.13101"N	23°29'31.37970"E	371.17	-5.44	365.73	8.00	373.73
82	F12-82	46°45'05.48354"N	23°29'31.40368"E	371.17	-5.56	365.61	8.00	373.61
83	F12-83	46°45'04.83637"N	23°29'31.44386"E	371.17	-5.57	365.60	8.00	373.60
84	F12-84	46°45'04.44257"N	23°29'31.46830"E	371.17	-5.34	365.84	8.00	373.84

**UAT FLOREȘTI – DRUM DL 12 a**

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi iluminat (m)	Cota cu stâlpi iluminat (m)
1	F12A-1	46°45'06.40358"N	23°30'06.06920"E	364.21	-1.35	362.86	8.00	370.86
2	F12A-2	46°45'05.75854"N	23°30'06.11340"E	364.21	-1.15	363.06	8.00	371.06
3	F12A-3	46°45'05.10948"N	23°30'06.15760"E	364.21	-0.95	363.26	8.00	371.26
4	F12A-4	46°45'04.46245"N	23°30'06.20180"E	364.21	-0.75	363.46	8.00	371.46
5	F12A-5	46°45'03.81541"N	23°30'06.24800"E	364.21	-0.55	363.66	8.00	371.66
6	F12A-6	46°45'03.16837"N	23°30'06.29020"E	364.21	-0.35	363.86	8.00	371.86
7	F12A-7	46°45'02.52133"N	23°30'06.33440"E	364.21	-0.15	364.06	8.00	372.06
8	F12A-8	46°45'01.87428"N	23°30'06.37860"E	364.21	0.05	364.26	8.00	372.26
9	F12A-9	46°45'01.22724"N	23°30'06.42280"E	364.21	0.25	364.46	8.00	372.46
10	F12A-10	46°45'00.58020"N	23°30'06.46690"E	364.21	0.45	364.66	8.00	372.66
11	F12A-11	46°44'58.93316"N	23°30'06.51119"E	364.21	0.65	364.86	8.00	372.86
12	F12A-12	46°44'58.77305"N	23°30'06.52212"E	364.21	0.70	364.91	8.00	372.91
13	F12A-13	46°45'00.84909"N	23°30'06.44862"E	364.21	0.36	364.58	8.00	372.58
14	F12A-14	46°45'00.77959"N	23°30'07.38560"E	364.21	0.55	364.77	8.00	372.77
15	F12A-15	46°45'00.71008"N	23°30'08.32256"E	364.21	1.40	365.62	8.00	373.62
16	F12A-16	46°45'00.64057"N	23°30'09.25953"E	364.21	2.33	366.55	8.00	374.55
17	F12A-17	46°45'00.57106"N	23°30'10.19650"E	364.21	2.85	367.07	8.00	375.07
18	F12A-18	46°45'00.50155"N	23°30'11.13347"E	364.21	2.58	366.79	8.00	374.79
19	F12A-19	46°45'00.43203"N	23°30'12.07044"E	364.21	1.50	365.72	8.00	373.72
20	F12A-20	46°45'00.35877"N	23°30'13.00678"E	364.21	0.20	364.41	8.00	372.41
21	F12A-21	46°45'00.18934"N	23°30'15.24601"E	364.21	-0.27	363.95	8.00	371.95

**UAT CLUJ-NAPOCA - Bretea de Legatura Strada Borhanciului - Strada Constantin Brâncuși**

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi iluminat (m)	Cota cu stâlpi iluminat (m)
1	B1	46°45'26.05796"N	23°37'19.28747"E	370.04	-6.01	364.04	8.00	372.04
2	B2	46°45'26.17018"N	23°37'18.35011"E	370.04	-4.87	365.17	8.00	373.17
3	B3	46°45'26.17576"N	23°37'17.41870"E	370.04	-4.00	366.04	8.00	374.04
4	B4	46°45'26.07946"N	23°37'16.48764"E	370.04	-3.26	366.78	8.00	374.78
5	B5	46°45'25.96234"N	23°37'15.56093"E	370.04	-2.58	367.47	8.00	375.47

6	B6	46°45'25.93546"N	23°37'14.61945"E	370.04	-2.05	368.00	8.00	376.00
7	B7	46°45'25.91742"N	23°37'13.67726"E	370.04	-1.56	368.48	8.00	376.48
8	B8	46°45'25.89938"N	23°37'12.73508"E	370.04	-0.96	369.08	8.00	377.08
9	B9	46°45'25.82292"N	23°37'11.86015"E	370.04	-0.29	369.76	8.00	377.76
10	B10	46°45'25.79497"N	23°37'10.86387"E	370.04	0.31	370.35	8.00	378.35
11	B11	46°45'25.92586"N	23°37'09.94116"E	370.04	0.84	370.88	8.00	378.88
12	B12	46°45'26.11994"N	23°37'09.04232"E	370.04	1.43	371.47	8.00	379.47
13	B13	46°45'26.37522"N	23°37'08.17848"E	370.04	1.86	371.90	8.00	379.90
14	B14	46°45'26.76627"N	23°37'07.43293"E	370.04	2.00	372.04	8.00	380.04
15	B15	46°45'27.20729"N	23°37'06.74406"E	370.04	2.14	372.19	8.00	380.19
16	B16	46°45'27.58527"N	23°37'05.97910"E	370.04	2.34	372.39	8.00	380.39
17	B17	46°45'28.04513"N	23°37'05.31638"E	370.04	2.48	372.52	8.00	380.52
18	B18	46°45'28.52018"N	23°37'04.67559"E	370.04	2.61	372.65	8.00	380.65
19	B19	46°45'28.99329"N	23°37'04.03191"E	370.04	2.75	372.79	8.00	380.79

UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL18

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legatură proiectat)	H Stâlpi Iluminat (m)	Cota cu stâlpi Iluminat (m)
1	C18-1	46°45'15.50063"N	23°32'25.18364"E	390.35	-8.60	381.75	8.00	389.75
2	C18-2	46°45'15.38289"N	23°32'26.11020"E	390.35	-8.79	381.56	8.00	389.56
3	C18-3	46°45'15.31260"N	23°32'27.04661"E	390.35	-8.58	381.77	8.00	389.77
4	C18-4	46°45'15.29015"N	23°32'27.98861"E	390.35	-8.18	382.17	8.00	390.17
5	C18-5	46°45'15.31566"N	23°32'28.93915"E	390.35	-7.78	382.57	8.00	390.57
6	C18-6	46°45'15.38898"N	23°32'29.86635"E	390.35	-7.38	382.97	8.00	390.97
7	C18-7	46°45'15.50972"N	23°32'30.79210"E	390.35	-6.98	383.37	8.00	391.37
8	C18-8	46°45'15.67684"N	23°32'31.70247"E	390.35	-6.58	383.77	8.00	391.77
9	C18-9	46°45'15.86157"N	23°32'32.60581"E	390.35	-6.17	384.18	8.00	392.18
10	C18-10	46°45'16.04629"N	23°32'33.50916"E	390.35	-5.71	384.64	8.00	392.64
11	C18-11	46°45'16.12286"N	23°32'33.88359"E	390.35	-5.50	384.85	8.00	392.85

UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL 22

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legatură proiectat) (m)	H Stâlpi Iluminat (m)	Cota cu stâlpi Iluminat (m)
1	C22-1	46°44'43.27779"N	23°33'18.76020"E	448.93	0.80	449.73	8.00	457.73
2	C22-2	46°44'43.32744"N	23°33'19.69934"E	448.93	0.08	449.01	8.00	457.01
3	C22-3	46°44'43.34577"N	23°33'20.84129"E	448.93	-0.64	448.29	8.00	456.29
4	C22-4	46°44'43.36343"N	23°33'21.58328"E	448.93	-1.07	447.86	8.00	455.86
5	C22-5	46°44'43.38109"N	23°33'22.52526"E	448.93	-0.83	448.10	8.00	456.10
6	C22-6	46°44'43.39875"N	23°33'23.46724"E	448.93	0.08	449.01	8.00	457.01
7	C22-7	46°44'43.39297"N	23°33'24.40883"E	448.93	1.55	450.58	8.00	458.58
8	C22-8	46°44'43.19404"N	23°33'25.29575"E	448.93	3.50	452.43	8.00	460.43
9	C22-9	46°44'42.72034"N	23°33'25.92810"E	448.93	5.34	454.27	8.00	462.27
10	C22-10	46°44'42.15219"N	23°33'26.38022"E	448.93	7.18	456.11	8.00	464.11
11	C22-11	46°44'41.57860"N	23°33'26.81807"E	448.93	9.02	457.95	8.00	465.95



12	C22-12	46°44'41.00655"N	23°33'27.26006"E	448.93	10.86	459.79	8.00	467.79
13	C22-13	46°44'40.54577"N	23°33'27.90220"E	448.93	12.70	461.63	8.00	469.63
14	C22-14	46°44'40.54137"N	23°33'28.81942"E	448.93	14.55	463.48	8.00	471.48
15	C22-15	46°44'40.82297"N	23°33'29.66708"E	448.93	16.52	465.45	8.00	473.45
16	C22-16	46°44'41.09350"N	23°33'30.52212"E	448.93	18.59	467.62	8.00	475.62
17	C22-17	46°44'41.25617"N	23°33'31.43341"E	448.93	20.91	468.84	8.00	477.84
18	C22-18	46°44'41.39478"N	23°33'32.35391"E	448.93	23.12	472.05	8.00	480.05
19	C22-19	46°44'41.60875"N	23°33'33.24074"E	448.93	24.66	473.49	8.00	481.49
20	C22-20	46°44'41.96566"N	23°33'34.02446"E	448.93	24.67	473.80	8.00	481.60
21	C22-21	46°44'42.37182"N	23°33'34.75852"E	448.93	24.11	473.04	8.00	481.04
22	C22-22	46°44'42.79206"N	23°33'35.47485"E	448.93	23.35	472.28	8.00	480.28
23	C22-23	46°44'43.29253"N	23°33'36.07062"E	448.93	21.82	470.75	8.00	478.75
24	C22-24	46°44'43.86302"N	23°33'36.51438"E	448.93	19.66	468.59	8.00	476.59
25	C22-25	46°44'44.45140"N	23°33'36.90850"E	448.93	17.43	466.36	8.00	474.36
26	C22-26	46°44'45.03747"N	23°33'37.30869"E	448.93	15.13	464.06	8.00	472.06
27	C22-27	46°44'45.60328"N	23°33'37.76792"E	448.93	12.76	461.89	8.00	469.69
28	C22-28	46°44'46.14673"N	23°33'38.26051"E	448.93	10.33	459.26	8.00	467.26
29	C22-29	46°44'46.68777"N	23°33'38.79877"E	448.93	7.85	456.78	8.00	464.78
30	C22-30	46°44'47.23819"N	23°33'39.29546"E	448.93	5.38	454.31	8.00	462.31
31	C22-31	46°44'47.80183"N	23°33'39.75973"E	448.93	2.91	451.84	8.00	459.84
32	C22-32	46°44'48.37654"N	23°33'40.19439"E	448.93	0.43	449.36	8.00	457.36
33	C22-33	46°44'48.95622"N	23°33'40.61464"E	448.93	-2.04	446.89	8.00	454.89
34	C22-34	46°44'49.56251"N	23°33'40.94465"E	448.93	-4.51	444.42	8.00	452.42
35	C22-35	46°44'50.19234"N	23°33'41.16213"E	448.93	-6.94	441.99	8.00	449.99
36	C22-36	46°44'50.83163"N	23°33'41.31402"E	448.93	-9.26	439.67	8.00	447.67
37	C22-37	46°44'51.44512"N	23°33'41.60764"E	448.93	-11.58	437.35	8.00	445.35
38	C22-38	46°44'51.98374"N	23°33'42.12608"E	448.93	-13.90	435.03	8.00	443.03
39	C22-39	46°44'52.41387"N	23°33'42.82795"E	448.93	-16.23	432.72	8.00	440.72
40	C22-40	46°44'52.84150"N	23°33'43.53322"E	448.93	-18.53	430.40	8.00	438.40
41	C22-41	46°44'53.37753"N	23°33'44.05731"E	448.93	-20.84	428.09	8.00	436.09
42	C22-42	46°44'53.98852"N	23°33'44.36371"E	448.93	-23.16	425.77	8.00	433.77
43	C22-43	46°44'54.59089"N	23°33'44.70119"E	448.93	-25.27	423.56	8.00	431.66
44	C22-44	46°44'55.05419"N	23°33'45.35069"E	448.93	-26.68	422.05	8.00	430.05
45	C22-45	46°44'55.41515"N	23°33'46.13307"E	448.93	-27.99	420.84	8.00	428.94
46	C22-46	46°44'55.77118"N	23°33'46.92034"E	448.93	-28.96	419.97	8.00	427.97
47	C22-47	46°44'56.11745"N	23°33'47.71652"E	448.93	-29.92	419.01	8.00	427.01
48	C22-48	46°44'56.44924"N	23°33'48.52589"E	448.93	-30.91	418.02	8.00	426.02
49	C22-49	46°44'56.78104"N	23°33'49.33527"E	448.93	-32.02	416.91	8.00	424.91
50	C22-50	46°44'57.11283"N	23°33'50.14464"E	448.93	-33.25	415.58	8.00	423.68
51	C22-51	46°44'57.13075"N	23°33'50.18634"E	448.93	-33.31	415.62	8.00	423.62

UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL 23

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârl (drum de legatură proiectat) (m)	H Stâlpi Iluminet (m)	Cota cu stâlpi Iluminet (m)
1	C23-1	46°44'49.41694"N	23°33'39.82213"E	431.04	14.30	445.34	8.00	453.34
2	C23-2	46°44'49.73817"N	23°33'38.98038"E	431.04	13.68	444.72	8.00	452.72
3	C23-3	46°44'50.01422"N	23°33'38.12643"E	431.04	13.26	444.30	8.00	452.30

4	C23-4	46°44'50.18339"N	23°33'37.22040"E	431.04	12.89	443.83	8.00	451.93
5	C23-5	46°44'50.22662"N	23°33'36.28153"E	431.04	12.53	443.57	8.00	451.57
6	C23-6	46°44'50.72296"N	23°33'35.33918"E	431.04	12.16	443.20	8.00	451.20
7	C23-7	46°44'50.21930"N	23°33'34.39683"E	431.04	11.79	442.83	8.00	450.83
8	C23-8	46°44'50.21564"N	23°33'33.45448"E	431.04	10.93	441.97	8.00	449.97
9	C23-9	46°44'50.21198"N	23°33'32.51213"E	431.04	9.29	440.33	8.00	448.33
10	C23-10	46°44'50.28894"N	23°33'31.57959"E	431.04	7.42	438.46	8.00	446.46
11	C23-11	46°44'50.54307"N	23°33'30.71626"E	431.04	5.55	436.59	8.00	444.59
12	C23-12	46°44'50.95415"N	23°33'29.99211"E	431.04	3.68	434.72	8.00	442.72
13	C23-13	46°44'51.45649"N	23°33'29.39731"E	431.04	1.80	432.84	8.00	440.84
14	C23-14	46°44'51.96154"N	23°33'28.80721"E	431.04	-0.07	430.97	8.00	438.97
15	C23-15	46°44'52.45717"N	23°33'28.20107"E	431.04	-1.94	429.10	8.00	437.10
16	C23-16	46°44'52.88089"N	23°33'27.48996"E	431.04	-3.81	427.23	8.00	435.23
17	C23-17	46°44'53.21012"N	23°33'26.67685"E	431.04	-5.69	425.35	8.00	433.35
18	C23-18	46°44'53.46696"N	23°33'25.81485"E	431.04	-7.56	423.48	8.00	431.48
19	C23-19	46°44'53.83412"N	23°33'25.04586"E	431.04	-9.41	421.63	8.00	429.63
20	C23-20	46°44'54.40927"N	23°33'24.64084"E	431.04	-11.14	419.90	8.00	427.90
21	C23-21	46°44'55.04460"N	23°33'24.74854"E	431.04	-12.73	418.31	8.00	426.31
22	C23-22	46°44'55.60704"N	23°33'25.21194"E	431.04	-14.22	416.82	8.00	424.82
23	C23-23	46°44'56.14903"N	23°33'25.72735"E	431.04	-15.73	415.31	8.00	423.31
24	C23-24	46°44'56.74904"N	23°33'26.07593"E	431.04	-17.55	413.49	8.00	421.49
25	C23-25	46°44'57.38617"N	23°33'26.22380"E	431.04	-19.73	411.31	8.00	419.31
26	C23-26	46°44'58.03155"N	23°33'26.33274"E	431.04	-22.03	409.01	8.00	417.01

UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL 24

Nr. crt.	Denumirea obstacol	Coordonate WGS 84		Cota MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi Rumi net (m)	Cota cu stâlpi Ruminat (m)
1	C24-1	46°44'55.02919"N	23°33'45.30206"E	432.56	-10.42	422.14	8.00	430.14
2	C24-2	46°44'54.57894"N	23°33'45.97957"E	432.56	-11.51	421.05	8.00	429.05
3	C24-3	46°44'54.12868"N	23°33'46.65708"E	432.56	-14.08	418.47	8.00	426.47
4	C24-4	46°44'53.67843"N	23°33'47.33458"E	432.56	-17.09	415.47	8.00	423.47
5	C24-5	46°44'53.22818"N	23°33'48.01208"E	432.56	-19.94	412.62	8.00	420.62
6	C24-6	46°44'52.64584"N	23°33'48.32826"E	432.56	-20.52	412.04	8.00	420.04
7	C24-7	46°44'52.01227"N	23°33'48.23618"E	432.56	-20.05	412.51	8.00	420.51
8	C24-8	46°44'51.56221"N	23°33'48.87374"E	432.56	-19.59	412.97	8.00	420.97
9	C24-9	46°44'51.23964"N	23°33'49.69087"E	432.56	-18.54	414.02	8.00	422.02
10	C24-10	46°44'50.90803"N	23°33'50.50042"E	432.56	-17.24	415.32	8.00	423.32
11	C24-11	46°44'50.58618"N	23°33'51.30088"E	432.56	-16.25	416.31	8.00	424.31
12	C24-12	46°44'50.22659"N	23°33'52.10335"E	432.56	-15.67	416.89	8.00	424.89
13	C24-13	46°44'49.90336"N	23°33'52.92000"E	432.56	-15.40	417.16	8.00	425.16
14	C24-14	46°44'49.58318"N	23°33'53.73920"E	432.56	-15.15	417.41	8.00	425.41
15	C24-15	46°44'49.26299"N	23°33'54.55839"E	432.56	-14.90	417.66	8.00	425.66
16	C24-16	46°44'48.94280"N	23°33'55.37758"E	432.56	-14.17	418.39	8.00	426.39
17	C24-17	46°44'48.62262"N	23°33'56.19677"E	432.56	-12.55	420.01	8.00	428.01
18	C24-18	46°44'48.19375"N	23°33'56.87486"E	432.56	-10.04	422.52	8.00	430.52
19	C24-19	46°44'47.56315"N	23°33'56.86739"E	432.56	-7.03	425.53	8.00	433.53
20	C24-20	46°44'46.94204"N	23°33'56.58992"E	432.56	-4.01	428.55	8.00	436.55
21	C24-21	46°44'46.31512"N	23°33'56.38462"E	432.56	-1.25	431.31	8.00	439.31
22	C24-22	46°44'45.67336"N	23°33'56.24127"E	432.56	1.02	433.59	8.00	441.59
23	C24-23	46°44'45.02604"N	23°33'56.23529"E	432.56	2.78	435.34	8.00	443.34
24	C24-24	46°44'44.38325"N	23°33'56.34676"E	432.56	4.04	436.60	8.00	444.60
25	C24-25	46°44'43.75287"N	23°33'56.58254"E	432.56	4.92	437.48	8.00	445.48



26	C24-26	46°44'43.12527"N	23°33'56.78579"E	432.56	5.77	438.33	8.00	446.33
27	C24-27	46°44'42.49766"N	23°33'57.02903"E	432.56	6.61	439.17	8.00	447.17
28	C24-28	46°44'41.87254"N	23°33'57.27541"E	432.56	7.02	439.58	8.00	447.58
29	C24-29	46°44'41.26441"N	23°33'57.58912"E	432.56	6.86	439.42	8.00	447.42
30	C24-30	46°44'40.66150"N	23°33'57.94356"E	432.56	6.13	438.69	8.00	446.69
31	C24-31	46°44'40.03970"N	23°33'58.20550"E	432.56	5.03	437.59	8.00	445.59
32	C24-32	46°44'39.40031"N	23°33'58.35262"E	432.56	3.96	436.51	8.00	444.51
33	C24-33	46°44'38.75330"N	23°33'58.38263"E	432.56	3.40	435.96	8.00	443.96
34	C24-34	46°44'38.10877"N	23°33'58.29505"E	432.56	3.53	436.09	8.00	444.09
35	C24-35	46°44'37.47678"N	23°33'58.09127"E	432.56	4.36	436.92	8.00	444.92
36	C24-36	46°44'36.86718"N	23°33'57.77445"E	432.56	5.88	438.44	8.00	446.44
37	C24-37	46°44'36.28860"N	23°33'57.35185"E	432.56	8.09	440.65	8.00	448.65
38	C24-38	46°44'35.72142"N	23°33'56.88668"E	432.56	10.86	443.52	8.00	451.52
39	C24-39	46°44'35.15425"N	23°33'56.44151"E	432.56	14.02	446.58	8.00	454.58
40	C24-40	46°44'34.58708"N	23°33'55.98635"E	432.56	16.89	449.45	8.00	457.45
41	C24-41	46°44'34.01990"N	23°33'55.53119"E	432.56	18.99	451.55	8.00	459.55
42	C24-42	46°44'33.43819"N	23°33'55.12149"E	432.56	20.30	452.86	8.00	460.86
43	C24-43	46°44'32.80927"N	23°33'54.89959"E	432.56	20.80	453.36	8.00	461.36
44	C24-44	46°44'32.22950"N	23°33'54.48393"E	432.56	21.08	453.62	8.00	461.62
45	C24-45	46°44'31.67007"N	23°33'54.00900"E	432.56	22.15	454.71	8.00	462.71
46	C24-46	46°44'31.23425"N	23°33'53.32518"E	432.56	24.08	456.64	8.00	464.64
47	C24-47	46°44'31.07715"N	23°33'52.42113"E	432.56	26.23	458.79	8.00	466.79
48	C24-48	46°44'31.08848"N	23°33'51.77636"E	432.56	27.69	460.25	8.00	468.25

UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL 30

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Media teren (m)	Înălțime (m)	Cota vârf (drum de legatură proiectat) (m)	H Stâlpi Ilumi nat (m)	Cota cu stâlpi Iluminat (m)
1	C30-1	46°45'16.88721"N	23°37'29.00044"E	352.31	-2.01	350.30	8.00	358.30
2	C30-2	46°45'16.30973"N	23°37'28.57349"E	352.31	-1.86	350.45	8.00	358.45
3	C30-3	46°45'15.73224"N	23°37'28.14855"E	352.31	-1.46	350.85	8.00	358.85
4	C30-4	46°45'15.15476"N	23°37'27.71961"E	352.31	-0.98	351.33	8.00	359.33
5	C30-5	46°45'14.57727"N	23°37'27.29268"E	352.31	-0.50	351.81	8.00	359.81
6	C30-6	46°45'13.99979"N	23°37'26.86574"E	352.31	-0.02	352.29	8.00	360.29
7	C30-7	46°45'13.42230"N	23°37'26.43881"E	352.31	0.46	352.77	8.00	360.77
8	C30-8	46°45'12.84481"N	23°37'26.01188"E	352.31	0.94	353.25	8.00	361.25
9	C30-9	46°45'12.26733"N	23°37'25.58495"E	352.31	1.42	353.73	8.00	361.73
10	C30-10	46°45'11.68984"N	23°37'25.15803"E	352.31	1.90	354.21	8.00	362.21
11	C30-11	46°45'11.11235"N	23°37'24.73111"E	352.31	2.38	354.68	8.00	362.68
12	C30-12	46°45'10.53488"N	23°37'24.30419"E	352.31	2.85	355.16	8.00	363.16
13	C30-13	46°45'09.94819"N	23°37'23.90505"E	352.31	3.33	355.64	8.00	363.64
14	C30-14	46°45'09.34513"N	23°37'23.56138"E	352.31	3.81	356.12	8.00	364.12
15	C30-15	46°45'08.91192"N	23°37'23.32844"E	352.31	4.16	356.47	8.00	364.47
16	C30-RL1	46°45'10.86483"N	23°37'20.48198"E	357.91	-1.70	356.21	8.00	364.21
17	C30-RL2	46°45'10.37584"N	23°37'21.09684"E	357.91	-1.86	356.05	8.00	364.05
18	C30-RL3	46°45'09.92877"N	23°37'21.77873"E	357.91	-1.98	355.93	8.00	363.93
19	C30-RL4	46°45'09.49160"N	23°37'22.46061"E	357.91	-2.04	355.87	8.00	363.87
20	C30-RL5	46°45'09.03442"N	23°37'23.14248"E	357.91	-1.64	356.26	8.00	364.26
21	C30-RL6	46°45'08.58724"N	23°37'23.82436"E	357.91	-0.71	357.20	8.00	365.20
22	C30-RL7	46°45'08.14007"N	23°37'24.50673"E	357.91	0.60	358.50	8.00	366.50
23	C30-RL8	46°45'07.70284"N	23°37'25.20162"E	357.91	1.92	359.82	8.00	367.82

24	C30-RL9	46°45'07.37501"N	23°37'25.72329"E	357.91	2.91	380.81	8.00	358.81
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**UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL 31**

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cota MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi iluminat (m)	Cota cu stâlpi iluminat (m)
1	C31-1	46°45'24.23596"N	23°37'28.54562"E	365.54	-14.67	350.87	8.00	358.87
2	C31-2	46°45'24.55477"N	23°37'27.72532"E	365.54	-15.23	350.32	8.00	358.32
3	C31-3	46°45'24.83531"N	23°37'26.87595"E	365.54	-14.98	350.56	8.00	358.56
4	C31-4	46°45'25.07634"N	23°37'26.00126"E	365.54	-13.93	351.61	8.00	359.61
5	C31-5	46°45'25.27679"N	23°37'25.10515"E	365.54	-12.21	353.33	8.00	361.33
6	C31-6	46°45'25.43592"N	23°37'24.19165"E	365.54	-10.41	355.13	8.00	363.13
7	C31-7	46°45'25.57751"N	23°37'23.27189"E	365.54	-8.61	356.93	8.00	364.93
8	C31-8	46°45'25.71911"N	23°37'22.35213"E	365.54	-6.81	358.73	8.00	366.73
9	C31-9	46°45'25.86069"N	23°37'21.43238"E	365.54	-5.05	360.49	8.00	368.49
10	C31-10	46°45'26.00228"N	23°37'20.51259"E	365.54	-3.48	362.07	8.00	370.07
11	C31-11	46°45'26.14387"N	23°37'19.59283"E	365.54	-2.10	363.44	8.00	371.44
12	C31-12	46°45'26.27683"N	23°37'18.67055"E	365.54	-0.93	364.62	8.00	372.62
13	C31-13	46°45'26.32192"N	23°37'17.73137"E	365.54	0.05	365.59	8.00	373.59
14	C31-14	46°45'26.25930"N	23°37'16.79432"E	365.54	0.82	366.37	8.00	374.37
15	C31-15	46°45'26.12190"N	23°37'15.87326"E	365.54	1.49	367.04	8.00	375.04
16	C31-16	46°45'25.98179"N	23°37'14.95303"E	365.54	2.16	367.71	8.00	375.71
17	C31-17	46°45'25.84233"N	23°37'14.03259"E	365.54	2.83	368.38	8.00	376.38
18	C31-18	46°45'25.71816"N	23°37'13.10812"E	365.54	3.50	369.05	8.00	377.05
19	C31-19	46°45'25.60820"N	23°37'12.17879"E	365.54	4.17	369.72	8.00	377.72
20	C31-20	46°45'25.51829"N	23°37'11.24539"E	365.54	4.84	370.39	8.00	378.39
21	C31-21	46°45'25.43487"N	23°37'10.31070"E	365.54	5.48	371.03	8.00	379.03
22	C31-22	46°45'25.35145"N	23°37'09.37600"E	365.54	5.98	371.53	8.00	379.53
23	C31-23	46°45'25.58690"N	23°37'08.80062"E	365.54	6.34	371.88	8.00	379.88
24	C31-24	46°45'26.04735"N	23°37'07.93766"E	365.54	6.54	372.09	8.00	380.09
25	C31-25	46°45'26.50780"N	23°37'07.27489"E	365.54	6.67	372.21	8.00	380.21
26	C31-26	46°45'26.96825"N	23°37'06.61172"E	365.54	6.80	372.34	8.00	380.34
27	C31-27	46°45'27.42869"N	23°37'05.94874"E	365.54	6.92	372.47	8.00	380.47
28	C31-28	46°45'27.88914"N	23°37'05.28577"E	365.54	7.05	372.59	8.00	380.59
29	C31-29	46°45'28.34959"N	23°37'04.62278"E	365.54	7.18	372.72	8.00	380.72
30	C31-30	46°45'28.81003"N	23°37'03.95980"E	365.54	7.30	372.84	8.00	380.84
31	C31-31	46°45'29.27047"N	23°37'03.28682"E	365.54	7.43	372.97	8.00	380.97
32	C31-32	46°45'29.73091"N	23°37'02.63383"E	365.54	7.55	373.10	8.00	381.10
33	C31-33	46°45'30.18014"N	23°37'01.92822"E	365.54	7.68	373.22	8.00	381.22
34	C31-34	46°45'30.58557"N	23°37'01.21743"E	365.54	7.81	373.35	8.00	381.35
35	C31-35	46°45'31.01101"N	23°37'00.50663"E	365.54	7.87	373.42	8.00	381.42
36	C31-36	46°45'31.43643"N	23°36'59.79583"E	365.54	7.86	373.40	8.00	381.40
37	C31-37	46°45'31.86186"N	23°36'58.08502"E	365.54	7.75	373.29	8.00	381.29
38	C31-38	46°45'32.28729"N	23°36'58.37422"E	365.54	7.56	373.10	8.00	381.10
39	C31-39	46°45'32.71271"N	23°36'57.86341"E	365.54	7.36	372.90	8.00	380.90
40	C31-40	46°45'33.13913"N	23°36'56.96259"E	365.54	7.16	372.70	8.00	380.70
41	C31-41	46°45'33.56355"N	23°36'56.24178"E	365.54	6.96	372.50	8.00	380.50
42	C31-42	46°45'33.98897"N	23°36'55.53005"E	365.54	6.76	372.30	8.00	380.30
43	C31-43	46°45'34.41439"N	23°36'54.82013"E	365.54	6.56	372.10	8.00	380.10
44	C31-44	46°45'34.88070"N	23°36'54.37515"E	365.54	6.44	371.98	8.00	379.98

**UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL 32**

		Coordonate WGS 84		Cota MN 75				
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Nr. crt.	Denumire obstacol	Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârl (drum de legătură proiectat) (m)	H Stâlpi iluminat (m)	Cota cu stâlpi iluminat (m)
1	C32-1	46°45'25.06933"N	23°37'28.64038"E	348.94	1.09	350.03	8.00	358.03
2	C32-2	46°45'25.67101"N	23°37'28.99951"E	348.94	0.63	349.57	8.00	357.57
3	C32-3	46°45'26.27269"N	23°37'29.33864"E	348.94	0.17	349.11	8.00	357.11
4	C32-4	46°45'26.87437"N	23°37'28.68777"E	348.94	-0.28	348.66	8.00	356.66
5	C32-5	46°45'27.47605"N	23°37'30.03690"E	348.94	-0.74	348.20	8.00	356.20
6	C32-6	46°45'28.07772"N	23°37'30.38603"E	348.94	-1.20	347.74	8.00	355.74
7	C32-7	46°45'28.67940"N	23°37'30.73517"E	348.94	-1.66	347.28	8.00	355.28
8	C32-8	46°45'29.28446"N	23°37'31.07149"E	348.94	-2.12	346.82	8.00	354.82
9	C32-9	46°45'29.89822"N	23°37'31.37272"E	348.94	-2.58	346.36	8.00	354.36
10	C32-10	46°45'30.51975"N	23°37'31.63800"E	348.94	-3.04	345.90	8.00	353.90
11	C32-11	46°45'31.14807"N	23°37'31.86690"E	348.94	-3.50	345.44	8.00	353.44
12	C32-12	46°45'31.78218"N	23°37'32.05906"E	348.94	-3.94	345.00	8.00	353.00
13	C32-13	46°45'32.42106"N	23°37'32.21416"E	348.94	-4.70	344.74	8.00	352.74
14	C32-14	46°45'33.06369"N	23°37'32.33196"E	348.94	-4.25	344.69	8.00	352.69
15	C32-15	46°45'33.70905"N	23°37'32.41228"E	348.94	-4.10	344.84	8.00	352.84
16	C32-16	46°45'34.35610"N	23°37'32.45487"E	348.94	-3.73	345.21	8.00	353.21
17	C32-17	46°45'35.00381"N	23°37'32.45998"E	348.94	-3.30	345.64	8.00	353.64
18	C32-18	46°45'35.65114"N	23°37'32.42730"E	348.94	-2.87	346.07	8.00	354.07
19	C32-19	46°45'36.29705"N	23°37'32.35697"E	348.94	-2.44	346.50	8.00	354.50
20	C32-20	46°45'36.94051"N	23°37'32.24911"E	348.94	-2.01	346.93	8.00	354.93
21	C32-21	46°45'37.58049"N	23°37'32.10389"E	348.94	-1.58	347.36	8.00	355.36
22	C32-22	46°45'38.21691"N	23°37'31.92828"E	348.94	-1.08	347.86	8.00	355.86
23	C32-23	46°45'38.85294"N	23°37'31.74971"E	348.94	-0.49	348.45	8.00	356.45
24	C32-24	46°45'39.48897"N	23°37'31.57116"E	348.94	0.17	349.11	8.00	357.11
25	C32-25	46°45'40.12501"N	23°37'31.38260"E	348.94	0.92	349.86	8.00	357.86
26	C32-26	46°45'40.76104"N	23°37'31.21405"E	348.94	1.72	350.66	8.00	358.66
27	C32-27	46°45'41.39636"N	23°37'31.03044"E	348.94	2.52	351.46	8.00	359.46
28	C32-28	46°45'42.01482"N	23°37'30.75269"E	348.94	3.32	352.26	8.00	360.26
29	C32-29	46°45'42.60076"N	23°37'30.35261"E	348.94	4.12	353.06	8.00	361.06
30	C32-30	46°45'43.14283"N	23°37'29.83795"E	348.94	4.92	353.86	8.00	361.86
31	C32-31	46°45'43.63052"N	23°37'29.21870"E	348.94	5.72	354.66	8.00	362.66
32	C32-32	46°45'44.05436"N	23°37'28.50685"E	348.94	6.52	355.46	8.00	363.46
33	C32-33	46°45'44.40614"N	23°37'27.71622"E	348.94	7.32	356.26	8.00	364.26
34	C32-34	46°45'44.67902"N	23°37'26.88214"E	348.94	8.12	357.06	8.00	365.06
35	C32-35	46°45'44.86773"N	23°37'25.96118"E	348.94	8.92	357.86	8.00	365.86
36	C32-36	46°45'44.96860"N	23°37'25.03080"E	348.94	9.72	358.66	8.00	366.66
37	C32-37	46°45'44.97967"N	23°37'24.08805"E	348.94	10.50	359.44	8.00	367.44
38	C32-38	46°45'44.90073"N	23°37'23.15420"E	348.94	11.14	360.08	8.00	368.08
39	C32-39	46°45'44.73330"N	23°37'22.24439"E	348.94	11.61	360.55	8.00	368.55
40	C32-40	46°45'44.70074"N	23°37'22.11117"E	348.94	11.67	360.61	8.00	368.61
41	C32s-1	46°45'40.04962"N	23°37'29.97222"E	346.06	2.18	348.24	8.00	356.24
42	C32s-2	46°45'40.69295"N	23°37'29.90017"E	346.06	1.17	347.23	8.00	355.23
43	C32s-3	46°45'41.32107"N	23°37'30.11483"E	346.06	-0.10	345.96	8.00	353.96
44	C32s-4	46°45'41.89406"N	23°37'30.55297"E	346.06	-1.64	344.42	8.00	352.42
45	C32s-5	46°45'42.39963"N	23°37'31.13280"E	346.06	-3.34	342.72	8.00	350.72
46	C32s-6	46°45'42.53431"N	23°37'31.39845"E	346.06	-3.94	342.12	8.00	350.12

UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL 33

Coordonate WGS 84	Cote MN 75
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Nr. crt.	Denumire obstacol	Latitudine N	Longitudine E	Cota Media teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi luminați (m)	Cota cu stâlpi luminați (m)
1	C33-1	46°46'05.83243"N	23°38'18.90843"E	334.12	2.43	336.55	8.00	344.55
2	C33-2	46°46'05.82512"N	23°38'17.96644"E	334.12	2.14	336.27	8.00	344.27
3	C33-3	46°46'05.73183"N	23°38'17.03422"E	334.12	1.94	336.06	8.00	344.06
4	C33-4	46°46'05.55422"N	23°38'16.12833"E	334.12	1.61	335.73	8.00	343.73
5	C33-5	46°46'05.30308"N	23°38'15.25963"E	334.12	1.08	335.20	8.00	343.20
6	C33-6	46°46'05.03952"N	23°38'14.39845"E	334.12	0.35	334.47	8.00	342.47
7	C33-7	46°46'04.77596"N	23°38'13.53728"E	334.12	-0.52	333.60	8.00	341.60
8	C33-8	46°46'04.51240"N	23°38'12.67610"E	334.12	-1.20	332.93	8.00	340.93
9	C33-9	46°46'04.24884"N	23°38'11.81492"E	334.12	-1.64	332.48	8.00	340.48
10	C33-10	46°46'03.98528"N	23°38'10.95975"E	334.12	-1.85	332.27	8.00	340.27
11	C33-11	46°46'03.72171"N	23°38'10.09258"E	334.12	-1.84	332.28	8.00	340.28
12	C33-12	46°46'03.46038"N	23°38'09.22987"E	334.12	-1.78	332.34	8.00	340.34
13	C33-13	46°46'03.21503"N	23°38'08.35756"E	334.12	-1.72	332.40	8.00	340.40
14	C33-14	46°46'03.00348"N	23°38'07.46673"E	334.12	-1.66	332.46	8.00	340.46
15	C33-15	46°46'02.84210"N	23°38'06.55402"E	334.12	-1.54	332.59	8.00	340.59
16	C33-16	46°46'02.73580"N	23°38'05.82436"E	334.12	-1.29	332.83	8.00	340.83
17	C33-17	46°46'02.68537"N	23°38'04.68478"E	334.12	-0.91	333.21	8.00	341.21
18	C33-18	46°46'02.69120"N	23°38'03.74239"E	334.12	-0.44	333.68	8.00	341.68
19	C33-19	46°46'02.75006"N	23°38'02.80376"E	334.12	-0.09	334.03	8.00	342.03
20	C33-20	46°46'02.84605"N	23°38'01.87150"E	334.12	0.05	334.18	8.00	342.18
21	C33-21	46°46'02.96044"N	23°38'00.94359"E	334.12	0.00	334.12	8.00	342.12
22	C33-22	46°46'03.07785"N	23°38'00.01646"E	334.12	-0.26	333.87	8.00	341.87
23	C33-23	46°46'03.19525"N	23°37'59.08934"E	334.12	-0.65	333.47	8.00	341.47
24	C33-24	46°46'03.31285"N	23°37'58.16226"E	334.12	-0.90	333.22	8.00	341.22
25	C33-25	46°46'03.44504"N	23°37'57.23972"E	334.12	-0.76	333.36	8.00	341.36
26	C33-26	46°46'03.63323"N	23°37'56.33787"E	334.12	-0.22	333.90	8.00	341.90
27	C33-27	46°46'03.89914"N	23°37'55.47888"E	334.12	0.72	334.84	8.00	342.84
28	C33-28	46°46'04.24110"N	23°37'54.67912"E	334.12	1.82	335.94	8.00	343.94
29	C33-29	46°46'04.64415"N	23°37'53.94149"E	334.12	2.92	337.04	8.00	345.04
30	C33-30	46°46'05.07450"N	23°37'53.23688"E	334.12	4.02	338.14	8.00	346.14
31	C33-31	46°46'05.50782"N	23°37'52.53612"E	334.12	5.12	339.24	8.00	347.24
32	C33-32	46°46'05.92605"N	23°37'51.81697"E	334.12	6.20	340.33	8.00	348.33
33	C33-33	46°46'06.25300"N	23°37'51.00476"E	334.12	7.05	341.17	8.00	349.17
34	C33-34	46°46'06.47037"N	23°37'50.11795"E	334.12	7.59	341.71	8.00	349.71
35	C33-35	46°46'06.64882"N	23°37'49.21167"E	334.12	7.85	341.97	8.00	349.97
36	C33-36	46°46'04.38021"N	23°37'40.79225"E	343.62	1.83	345.45	8.00	353.45
37	C33-37	46°46'04.38393"N	23°37'41.73435"E	343.62	0.94	344.56	8.00	352.56
38	C33-38	46°46'04.40765"N	23°37'42.67646"E	343.62	0.55	344.17	8.00	352.17
39	C33-39	46°46'04.43137"N	23°37'43.61857"E	343.62	0.45	344.07	8.00	352.07
40	C33-40	46°46'04.46445"N	23°37'44.55977"E	343.62	0.33	343.96	8.00	351.96
41	C33-41	46°46'04.83894"N	23°37'45.46514"E	343.62	0.10	343.72	8.00	351.72
42	C33-42	46°46'04.97776"N	23°37'46.26906"E	343.62	-0.27	343.35	8.00	351.35
43	C33-43	46°46'05.43598"N	23°37'46.92870"E	343.62	-0.66	342.96	8.00	350.96
44	C33-44	46°46'05.80359"N	23°37'47.58106"E	343.62	-0.65	342.97	8.00	350.97
45	C33-50	46°45'57.45752"N	23°37'55.69013"E	334.17	-0.66	333.52	8.00	341.52
46	C33-57	46°45'57.97416"N	23°37'55.12348"E	334.17	-0.68	333.49	8.00	341.49
47	C33-58	46°45'58.56497"N	23°37'54.74272"E	334.17	-0.67	333.50	8.00	341.50
48	C33-59	46°45'59.18215"N	23°37'54.45846"E	334.17	-0.64	333.53	8.00	341.53
49	C33-60	46°45'59.78932"N	23°37'54.17020"E	334.17	-0.60	333.57	8.00	341.57
50	C33-61	46°46'00.41650"N	23°37'53.88394"E	334.17	-0.56	333.61	8.00	341.61
51	C33-62	46°46'01.03368"N	23°37'53.59767"E	334.17	-0.46	333.71	8.00	341.71

52	C33-63	46°46'01.65085"N	23°37'53.31141"E	334.17	-0.19	333.98	8.00	341.88
53	C33-64	46°46'02.26803"N	23°37'53.02514"E	334.17	0.25	334.43	8.00	342.43
54	C33-65	46°46'02.88520"N	23°37'52.73887"E	334.17	0.72	334.89	8.00	342.89
55	C33-66	46°46'03.50238"N	23°37'52.45260"E	334.17	1.13	335.31	8.00	343.31
56	C33-67	46°46'04.11955"N	23°37'52.16632"E	334.17	1.50	335.67	8.00	343.67
57	C33-68	46°46'04.69225"N	23°37'51.73082"E	334.17	1.86	336.03	8.00	344.03
58	C33-69	46°46'05.26066"N	23°37'51.28487"E	334.17	2.00	336.77	8.00	344.77
59	C33-70	46°46'05.79177"N	23°37'51.25019"E	334.17	3.54	337.72	8.00	345.72
60	C33-71	46°46'09.96046"N	23°37'43.94797"E	343.71	1.97	345.68	8.00	353.68
61	C33-72	46°46'09.51095"N	23°37'44.62678"E	343.71	1.37	345.08	8.00	353.08
62	C33-73	46°46'09.06143"N	23°37'45.30561"E	343.71	0.77	344.48	8.00	352.48
63	C33-74	46°46'08.61191"N	23°37'45.98442"E	343.71	0.17	343.88	8.00	351.88
64	C33-75	46°46'08.16239"N	23°37'46.66324"E	343.71	-0.42	343.28	8.00	351.28
65	C33-76	46°46'07.71111"N	23°37'47.33853"E	343.71	-0.81	342.90	8.00	350.90
66	C33-77	46°46'07.25232"N	23°37'48.00507"E	343.71	-0.79	342.91	8.00	350.91
67	C33-78	46°46'06.79353"N	23°37'48.87061"E	343.71	-0.72	342.99	8.00	350.99
68	C33-79	46°46'06.74011"N	23°37'48.74810"E	343.71	-0.71	343.00	8.00	351.00
69	C33-80	46°46'03.17536"N	23°37'52.60428"E	334.12	0.97	335.09	8.00	343.09
70	C33-81	46°46'03.60545"N	23°37'53.30921"E	334.12	1.44	335.56	8.00	343.56
71	C33-82	46°46'04.03553"N	23°37'54.01414"E	334.12	2.20	336.32	8.00	344.32
72	C33-91	46°46'06.75775"N	23°37'50.23272"E	334.12	7.33	341.45	8.00	349.45
73	C33-92	46°46'06.14929"N	23°37'49.95864"E	334.12	7.49	341.61	8.00	349.61
74	C33-93	46°46'05.77112"N	23°37'49.21274"E	334.12	7.84	341.96	8.00	349.96
75	C33-94	46°46'05.77062"N	23°37'48.28575"E	334.12	7.93	341.95	8.00	349.95
76	C33-95	46°46'06.14799"N	23°37'47.53896"E	334.12	8.14	342.26	8.00	350.26
77	C33-96	46°46'06.75614"N	23°37'47.26345"E	334.12	8.09	342.21	8.00	350.21
78	C33-97	46°46'07.35804"N	23°37'47.56860"E	334.12	8.59	342.71	8.00	350.71
79	C33-98	46°46'07.71910"N	23°37'48.33026"E	334.12	8.31	342.43	8.00	350.43
80	C33-99	46°46'07.69858"N	23°37'49.25678"E	334.12	8.01	342.13	8.00	350.13
81	C33-100	46°46'07.30448"N	23°37'49.98503"E	334.12	7.56	341.68	8.00	349.68
82	C33-101	46°46'06.75776"N	23°37'50.23272"E	334.12	7.33	341.45	8.00	349.45
83	C33-102	46°46'09.84392"N	23°37'51.79863"E	341.51	0.03	341.53	8.00	349.53
84	C33-103	46°46'09.36439"N	23°37'51.16285"E	341.51	0.05	341.55	8.00	349.55
85	C33-104	46°46'08.88485"N	23°37'50.52908"E	341.51	0.06	341.57	8.00	349.57
86	C33-105	46°46'08.40116"N	23°37'49.90229"E	341.51	0.21	341.71	8.00	349.71
87	C33-106	46°46'07.84483"N	23°37'49.42478"E	341.51	0.53	342.04	8.00	350.04
88	C33-107	46°46'04.27902"N	23°37'42.07258"E	339.75	4.48	344.23	8.00	352.23
89	C33-108	46°46'04.30273"N	23°37'43.01446"E	339.75	4.38	344.13	8.00	352.13
90	C33-109	46°46'04.32645"N	23°37'43.95657"E	339.75	4.28	344.03	8.00	352.03
91	C33-110	46°46'04.35015"N	23°37'44.89868"E	339.75	4.13	343.88	8.00	351.88
92	C33-111	46°46'04.31044"N	23°37'45.83818"E	339.75	3.83	343.59	8.00	351.59
93	C33-112	46°46'04.14750"N	23°37'46.74810"E	339.75	3.44	343.19	8.00	351.19
94	C33-113	46°46'03.86740"N	23°37'47.59752"E	339.75	3.04	342.79	8.00	350.79
95	C33-114	46°46'03.48058"N	23°37'48.35188"E	339.75	2.64	342.39	8.00	350.39
96	C33-115	46°46'09.00433"N	23°37'48.98942"E	339.75	2.12	341.87	8.00	349.87
97	C33-116	46°46'02.50581"N	23°37'49.59155"E	339.75	1.38	341.14	8.00	349.14
98	C33-117	46°46'02.00748"N	23°37'50.19368"E	339.75	0.45	340.20	8.00	348.20
99	C33-118	46°46'01.50906"N	23°37'50.79581"E	339.75	-0.55	339.20	8.00	347.20
100	C33-119	46°46'01.01063"N	23°37'51.39784"E	339.75	-1.55	338.20	8.00	346.20
101	C33-120	46°46'00.51220"N	23°37'52.09006"E	339.75	-2.55	337.20	8.00	345.20
102	C33-121	46°46'00.01377"N	23°37'52.60218"E	339.75	-3.55	336.20	8.00	344.20
103	C33-122	46°45'59.51534"N	23°37'53.20429"E	339.75	-4.55	335.20	8.00	343.20
104	C33-123	46°45'59.01691"N	23°37'53.80640"E	339.75	-5.55	334.20	8.00	342.20
105	C33-124	46°45'58.51848"N	23°37'54.40851"E	339.75	-6.18	333.57	8.00	341.57
106	C33-125	46°45'58.02004"N	23°37'55.01062"E	339.75	-6.26	333.50	8.00	341.50
107	C33-126	46°45'57.52181"N	23°37'55.61272"E	339.75	-6.24	333.52	8.00	341.52
108	C33-127	46°45'57.45256"N	23°37'55.69009"E	339.75	-6.24	333.52	8.00	341.52

109	C33-128	46°46'02.74670"N	23°38'02.84330"E	334.12	-0.10	334.02	8.00	342.02
110	C33-129	46°46'02.10645"N	23°38'02.98645"E	334.12	0.05	334.18	8.00	342.18
111	C33-130	46°46'01.46713"N	23°38'03.13776"E	334.12	-0.31	333.81	8.00	341.81
112	C33-131	46°46'00.83316"N	23°38'03.33114"E	334.12	-1.08	333.04	8.00	341.04
113	C33-132	46°46'00.19979"N	23°38'03.52868"E	334.12	-1.39	332.73	8.00	340.73
114	C33-133	46°46'00.09632"N	23°38'03.56095"E	334.12	-1.39	332.74	8.00	340.74
115	C33-134	46°46'02.72904"N	23°38'03.08548"E	334.12	-0.17	333.95	8.00	341.95
116	C33-135	46°46'03.36040"N	23°38'02.85469"E	334.12	-0.54	333.58	8.00	341.58
117	C33-136	46°46'03.99176"N	23°38'02.64390"E	334.12	-1.15	332.97	8.00	340.97
118	C33-137	46°46'04.62706"N	23°38'02.46678"E	334.12	-1.90	332.22	8.00	340.22
119	C33-138	46°46'05.26377"N	23°38'02.60196"E	334.12	-2.84	331.28	8.00	339.28
120	C33-139	46°46'05.81405"N	23°38'03.08733"E	334.12	-3.59	330.53	8.00	338.53
121	C33-140	46°46'06.19101"N	23°38'03.84626"E	334.12	-3.83	330.29	8.00	338.29
122	C33-141	46°46'06.44753"N	23°38'04.71194"E	334.12	-3.66	330.46	8.00	338.46
123	C33-142	46°46'06.70378"N	23°38'05.57778"E	334.12	-3.58	330.53	8.00	338.53
124	C33-143	46°46'08.96002"N	23°38'08.44383"E	334.12	-3.65	330.47	8.00	338.47
125	C33-144	46°46'07.21626"N	23°38'07.30948"E	334.12	-3.72	330.40	8.00	338.40
126	C33-145	46°46'07.47250"N	23°38'08.17534"E	334.12	-3.79	330.33	8.00	338.33
127	C33-146	46°46'07.67978"N	23°38'08.87575"E	334.12	-3.84	330.28	8.00	338.28

**UAT CLUJ-NAPOCA - DRUM DE LEGATURĂ DL 35 a**

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi Iluminat (m)	Cota cu stâlpi Iluminat (m)
1	C35a-1	46°46'33.18147"N	23°39'11.48774"E	325.72	1.68	327.41	8.00	335.41
2	C35a-2	46°46'33.71839"N	23°39'10.96028"E	325.72	1.28	327.01	8.00	335.01
3	C35a-3	46°46'34.25531"N	23°39'10.43281"E	325.72	0.88	326.61	8.00	334.61
4	C35a-4	46°46'34.79223"N	23°39'09.90534"E	325.72	0.48	326.21	8.00	334.21
5	C35a-5	46°46'35.32815"N	23°39'09.37786"E	325.72	0.08	325.81	8.00	333.81
6	C35a-6	46°46'35.86606"N	23°39'08.85038"E	325.72	-0.31	325.42	8.00	333.42
7	C35a-7	46°46'36.40298"N	23°39'08.32290"E	325.72	-0.53	325.19	8.00	333.19
8	C35a-8	46°46'36.93989"N	23°39'07.79542"E	325.72	-0.54	325.19	8.00	333.19
9	C35a-9	46°46'37.47881"N	23°39'07.26793"E	325.72	-0.32	325.41	8.00	333.41
10	C35a-10	46°46'38.01372"N	23°39'06.74044"E	325.72	0.07	325.80	8.00	333.80
11	C35a-11	46°46'38.55064"N	23°39'06.21295"E	325.72	0.47	326.20	8.00	334.20
12	C35a-12	46°46'39.08755"N	23°39'05.68545"E	325.72	0.87	326.60	8.00	334.60
13	C35a-13	46°46'39.60082"N	23°39'05.18118"E	325.72	1.26	326.98	8.00	334.98

**UAT APAHIDA - DRUM DE LEGATURĂ DL 7-3-1**

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi Iluminat (m)	Cota cu stâlpi Iluminat (m)
1	AB7-3-1-1	46°48'13.21431"N	23°44'57.43090"E	302.36	0.14	302.50	8.00	310.50
2	AB7-3-1-2	46°48'12.65282"N	23°44'57.90729"E	302.36	0.34	302.70	8.00	310.70
3	AB7-3-1-3	46°48'12.10442"N	23°44'58.40851"E	302.36	0.58	302.92	8.00	310.92
4	AB7-3-1-4	46°48'11.59937"N	23°44'58.99837"E	302.36	1.19	303.55	8.00	311.55
5	AB7-3-1-5	46°48'11.14282"N	23°44'59.66708"E	302.36	2.18	304.54	8.00	312.54
6	AB7-3-1-6	46°48'10.98766"N	23°44'59.90783"E	302.36	2.53	304.89	8.00	312.89



UAT APAHIDA - DRUM DE LEGATURĂ DL 36A

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Medie teren (m)	Înălțime (m)	Cota Vârf (drum de legătură proiectat) (m)	H Stâlpi Iluminat (m)	Cota ou stâlpi Iluminat (m)
1	A36A-1	46°47'58.66600"N	23°44'42.86115"E	303.08	0.06	303.11	8.00	311.11
2	A36A-2	46°47'57.26657"N	23°44'42.50837"E	303.06	0.24	303.30	8.00	311.30
3	A36A-3	46°47'57.84587"N	23°44'42.08683"E	303.05	1.06	304.12	8.00	312.12
4	A36A-4	46°47'58.40875"N	23°44'41.62002"E	303.05	1.93	304.98	8.00	312.98
5	A36A-5	46°47'58.97113"N	23°44'41.15191"E	303.06	2.40	305.45	8.00	313.45
6	A36A-6	46°47'59.53351"N	23°44'40.68380"E	303.06	2.53	305.59	8.00	313.59
7	A36A-7	46°48'00.09588"N	23°44'40.21569"E	303.06	2.74	305.80	8.00	313.80
8	A36A-8	46°48'00.65826"N	23°44'39.74758"E	303.06	3.12	306.18	8.00	314.18
9	A36A-9	46°48'01.22785"N	23°44'39.29954"E	303.06	3.26	306.32	8.00	314.32
10	A36A-10	46°48'01.81282"N	23°44'38.89439"E	303.06	2.86	305.92	8.00	313.92
11	A36A-11	46°48'02.39790"N	23°44'38.48924"E	303.06	2.47	305.53	8.00	313.53
12	A36A-12	46°48'02.98278"N	23°44'38.08408"E	303.06	2.18	305.24	8.00	313.24
13	A36A-13	46°48'03.56778"N	23°44'37.67893"E	303.06	2.00	305.06	8.00	313.06
14	A36A-14	46°48'04.15273"N	23°44'37.27377"E	303.06	1.90	304.95	8.00	312.95
15	A36A-15	46°48'04.73770"N	23°44'36.86861"E	303.06	1.80	304.85	8.00	312.85
16	A36A-16	46°48'05.32268"N	23°44'36.46344"E	303.06	1.70	304.75	8.00	312.75
17	A36A-17	46°48'05.90765"N	23°44'36.05827"E	303.06	1.60	304.65	8.00	312.65
18	A36A-18	46°48'06.49283"N	23°44'35.65311"E	303.06	1.50	304.55	8.00	312.55
19	A36A-19	46°48'07.07760"N	23°44'35.24793"E	303.06	1.40	304.45	8.00	312.45
20	A36A-20	46°48'07.66257"N	23°44'34.84276"E	303.06	1.30	304.35	8.00	312.35
21	A36A-21	46°48'08.24755"N	23°44'34.43758"E	303.06	1.20	304.25	8.00	312.25
22	A36A-22	46°48'08.83252"N	23°44'34.03240"E	303.06	1.10	304.15	8.00	312.15
23	A36A-23	46°48'09.41749"N	23°44'33.62722"E	303.06	1.00	304.05	8.00	312.05
24	A36A-24	46°48'10.00246"N	23°44'33.22204"E	303.06	0.90	303.95	8.00	311.95
25	A36A-25	46°48'10.58743"N	23°44'32.81685"E	303.06	0.80	303.85	8.00	311.85
26	A36A-26	46°48'11.17240"N	23°44'32.41188"E	303.06	0.72	303.77	8.00	311.77
27	A36A-27	46°48'11.75737"N	23°44'32.00648"E	303.06	0.76	303.81	8.00	311.81
28	A36A-28	46°48'12.34234"N	23°44'31.60129"E	303.06	0.83	303.99	8.00	311.99
29	A36A-29	46°48'12.92731"N	23°44'31.19609"E	303.06	1.24	304.30	8.00	312.30
30	A36A-30	46°48'13.51228"N	23°44'30.79089"E	303.06	1.64	304.69	8.00	312.69
31	A36A-31	46°48'14.09725"N	23°44'30.38569"E	303.06	2.04	305.09	8.00	313.09
32	A36A-32	46°48'14.68221"N	23°44'29.98049"E	303.06	1.65	304.70	8.00	312.70
33	A36A-33	46°48'15.26718"N	23°44'29.57528"E	303.06	1.26	304.32	8.00	312.32
34	A36A-34	46°48'15.85215"N	23°44'29.17007"E	303.06	1.05	304.11	8.00	312.11
35	A36A-35	46°48'16.43712"N	23°44'28.76486"E	303.06	1.03	304.09	8.00	312.09
36	A36A-36	46°48'17.02208"N	23°44'28.35965"E	303.06	1.20	304.25	8.00	312.25
37	A36A-37	46°48'17.60705"N	23°44'27.95444"E	303.06	1.38	304.41	8.00	312.41
38	A36A-38	46°48'18.19201"N	23°44'27.54922"E	303.06	1.38	304.44	8.00	312.44
39	A36A-39	46°48'18.77698"N	23°44'27.14400"E	303.06	1.28	304.33	8.00	312.33
40	A36A-40	46°48'19.36184"N	23°44'26.73878"E	303.06	1.04	304.09	8.00	312.09
41	A36A-41	46°48'19.94691"N	23°44'26.33355"E	303.06	0.77	303.83	8.00	311.83
42	A36A-42	46°48'20.53187"N	23°44'25.92832"E	303.06	0.62	303.67	8.00	311.67
43	A36A-43	46°48'21.11683"N	23°44'25.52310"E	303.06	0.58	303.64	8.00	311.64
44	A36A-44	46°48'21.70179"N	23°44'25.11786"E	303.06	0.65	303.71	8.00	311.71
45	A36A-45	46°48'22.28675"N	23°44'24.71263"E	303.06	0.80	303.85	8.00	311.85
46	A36A-46	46°48'22.87172"N	23°44'24.30738"E	303.06	0.84	303.99	8.00	311.99
47	A36A-47	46°48'23.45668"N	23°44'23.90215"E	303.06	1.07	304.13	8.00	312.13
48	A36A-48	46°48'24.04164"N	23°44'23.49691"E	303.06	1.21	304.27	8.00	312.27
49	A36A-49	46°48'24.62680"N	23°44'23.09187"E	303.06	1.33	304.39	8.00	312.39

50	A36A-50	46°48'25.22061"N	23°44'22.71621"E	303.06	1.38	304.43	8.00	312.43
51	A36A-51	46°48'25.83706"N	23°44'22.42774"E	303.06	1.34	304.39	8.00	312.39
52	A36A-52	46°48'26.47021"N	23°44'22.23034"E	303.06	1.22	304.27	8.00	312.27
53	A36A-53	46°48'27.11373"N	23°44'22.12598"E	303.06	1.08	304.14	8.00	312.14
54	A36A-54	46°48'27.76045"N	23°44'22.07254"E	303.06	1.08	304.14	8.00	312.14
55	A36A-55	46°48'28.40718"N	23°44'22.01919"E	303.06	1.24	304.30	8.00	312.30
56	A36A-56	46°48'28.70144"N	23°44'21.99491"E	303.06	1.37	304.42	8.00	312.42

**UAT APAHIDA - DRUM DE LEGATURĂ DL 36G**

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Media teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi Iluminat (m)	Cota cu stâlpi Iluminat (m)
1	A36C-1	46°48'13.76390"N	23°44'29.20762"E	303.27	1.29	304.56	8.00	312.56
2	A36C-2	46°48'13.51096"N	23°44'28.33914"E	303.27	0.95	304.22	8.00	312.22
3	A36C-3	46°48'13.25803"N	23°44'27.47067"E	303.27	0.74	304.01	8.00	312.01
4	A36C-4	46°48'13.00508"N	23°44'26.60220"E	303.27	0.67	303.94	8.00	311.94
5	A36C-5	46°48'12.75215"N	23°44'25.73372"E	303.27	0.73	304.00	8.00	312.00
6	A36C-6	46°48'12.49920"N	23°44'24.86526"E	303.27	0.87	304.14	8.00	312.14
7	A36C-7	46°48'12.24626"N	23°44'23.99679"E	303.27	1.01	304.28	8.00	312.28
8	A36C-8	46°48'11.99331"N	23°44'23.12833"E	303.27	1.15	304.42	8.00	312.42
9	A36C-9	46°48'11.74036"N	23°44'22.25987"E	303.27	1.29	304.56	8.00	312.56
10	A36C-10	46°48'11.48741"N	23°44'21.39141"E	303.27	1.43	304.70	8.00	312.70
11	A36C-11	46°48'11.23446"N	23°44'20.52295"E	303.27	1.55	304.82	8.00	312.82
12	A36C-12	46°48'10.98151"N	23°44'19.65450"E	303.77	1.62	304.89	8.00	312.89
13	A36C-13	46°48'10.72855"N	23°44'18.78905"E	303.27	1.63	304.90	8.00	312.90
14	A36C-14	46°48'10.47558"N	23°44'17.91759"E	303.27	1.58	304.85	8.00	312.85
15	A36C-15	46°48'10.22263"N	23°44'17.04914"E	303.27	1.48	304.75	8.00	312.75
16	A36C-16	46°48'09.96967"N	23°44'16.18070"E	303.27	1.38	304.65	8.00	312.65
17	A36C-17	46°48'09.71671"N	23°44'15.31226"E	303.27	1.28	304.55	8.00	312.55
18	A36C-18	46°48'09.46374"N	23°44'14.44382"E	303.27	1.18	304.45	8.00	312.45
19	A36C-19	46°48'09.21078"N	23°44'13.57538"E	303.27	1.08	304.35	8.00	312.35
20	A36C-20	46°48'09.08429"N	23°44'13.14116"E	303.27	1.03	304.30	8.00	312.30

**UAT APAHIDA - DRUM DE LEGATURĂ DL 38B**

Nr. crt.	Denumire obstacol	Coordonate WGS 84		Cote MN 75				
		Latitudine N	Longitudine E	Cota Media teren (m)	Înălțime (m)	Cota vârf (drum de legătură proiectat) (m)	H Stâlpi Iluminat (m)	Cota cu stâlpi Iluminat (m)
1	A38B-1	46°48'07.69945"N	23°44'56.28538"E	302.43	2.77	305.20	8.00	313.20
2	A38B-2	46°48'07.37620"N	23°44'55.44788"E	302.43	2.48	304.89	8.00	312.89
3	A38B-3	46°48'07.05294"N	23°44'54.63039"E	302.43	2.24	304.67	8.00	312.67
4	A38B-4	46°48'06.72968"N	23°44'53.81232"E	302.43	2.08	304.51	8.00	312.51
5	A38B-5	46°48'06.40642"N	23°44'52.99544"E	302.43	1.92	304.35	8.00	312.35
6	A38B-6	46°48'06.08318"N	23°44'52.17797"E	302.43	1.76	304.19	8.00	312.19
7	A38B-7	46°48'05.75990"N	23°44'51.36050"E	302.43	1.63	304.06	8.00	312.06
8	A38B-8	46°48'05.43663"N	23°44'50.54303"E	302.43	1.54	303.97	8.00	311.97
9	A38B-9	46°48'05.11337"N	23°44'49.72557"E	302.43	1.51	303.94	8.00	311.94
10	A38B-10	46°48'04.79010"N	23°44'48.90810"E	302.43	1.52	303.95	8.00	311.95
11	A38B-11	46°48'04.46683"N	23°44'48.09064"E	302.43	1.59	304.02	8.00	312.02
12	A38B-12	46°48'04.14356"N	23°44'47.27319"E	302.43	1.71	304.14	8.00	312.14

13	A38B-13	46°48'03.82029"N	23°44'46.45573"E	302.43	1.87	304.30	8.00	312.30
14	A38B-14	46°48'03.49701"N	23°44'45.63828"E	302.43	2.07	304.50	8.00	312.50
15	A38B-15	46°48'03.17374"N	23°44'44.82084"E	302.43	2.27	304.70	8.00	312.70
16	A38B-16	46°48'02.85046"N	23°44'44.03339"E	302.43	2.47	304.90	8.00	312.90
17	A38B-17	46°48'02.52718"N	23°44'43.18595"E	302.43	2.67	305.10	8.00	313.10
18	A38B-18	46°48'02.20390"N	23°44'42.36851"E	302.43	2.87	305.30	8.00	313.30
19	A38B-19	46°48'01.88062"N	23°44'41.55107"E	302.43	3.07	305.50	8.00	313.50
20	A38B-20	46°48'01.55733"N	23°44'40.73364"E	302.43	3.38	305.81	8.00	313.81
21	A38B-21	46°48'01.47651"N	23°44'40.52928"E	302.43	3.48	305.91	8.00	313.91

2. Prezentul aviz este emis ca urmare a analizei de specialitate din punct de vedere aeronautic, are caracter exclusiv tehnic și are la bază Certificatul de Urbanism nr. 773 din 20.08.2019;
3. Furnizarea la faza DTAC de coordonate geografice în sistemul WGS-84, precum și a cotei terenului în sistem Marea Neagră 75 determinate numai de specialiști autorizați în domeniul geodeziei care fac dovada dreptului de semnătură conform legislației aplicabile;
4. Organizarea de șantier/ macaralele nu fac obiectul prezentului aviz. Pentru acestea se va solicita avizul AACR ulterior;
5. Iluminatul exterior din cadrul lotului să nu prezinte fascicula de lumină orientate în sus;
6. Este interzisă desfășurarea, pe terenul sus menționat, a unor activități care pot afecta traficul aerian din zonă - lansări de artificii, lampioane, baloane, etc.;
7. Prezentul aviz nu poate servi la obținerea Autorizației de Construire;
8. Obligația beneficiarului de a înștiința viitorii proprietari / chiriași / utilizatori cu privire la respectarea prevederilor cuprinse în prezentul aviz;
9. Beneficiarul și proiectantul/ elaboratorul documentației tehnice răspund pentru corectitudinea datelor și veridicitatea înscrisurilor cuprinse în documentația transmisă spre avizare;
10. Prezentul aviz are valabilitatea de un an de la data emiterii.

*Încălcarea oricărei condiții de mai sus afectează interesul public al siguranței navigației aeriene și atrage de la sine anularea avizului și responsabilitatea juridică și materială a beneficiarului construcțiilor, în conformitate cu prevederile Codului Aerian.*

**Autoritatea Aeronautică Civilă Română, Aeroportul Internațional Avram Iancu Cluj și R.A. ROMATSA sunt exonerate de orice răspundere pentru disconfortul produs de traficul aerian din zonă și de activitățile desfășurate de Aeroportul Internațional Avram Iancu Cluj.**

(E-signed)

Director General

Nicolae STOICA



