

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Usman-Sharshki, Russia Control Points

Contest: CR2017 Club Class

Courtesy of N.A. Korystin (kliuev@mail.ru)

Dated: 04 February 2017

Magnetic Variation: 9.0E

Time zone: Europe/Moscow, Summer offset from GMT is 3:00 and in Winter it is 3:00.

Version 0317

Printed Tuesday, 11 April 2017 at 03:16 GMT

UNOFFICIAL, USE AT YOUR OWN RISK

Do not use for navigation, for flight verification only.

Always consult the relevant publications for current and correct
information.

This service is provided free of charge with no warranties,
expressed or implied.

User assumes all risk of use.

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Elevation</i> METERS	<i>Codes</i> *	<i>ID</i>	<i>Distance</i> Km	<i>Bearing</i>	<i>Comment</i>
1	Grjazi	52 26 13 N	39 54 21 E	52 26.217 N	39 54.350 E	139	AT	GRJAZI	48	28	05/23 48X1462 131.5MGC
2	Jerdevka	51 50 03 N	41 33 19 E	51 50.050 N	41 33.317 E	156	AT	JERDEVKA	131	108	IVPP 14/32 44X2500
3	Nikolaevka	52 38 53 N	40 59 19 E	52 38.883 N	40 59.317 E	189	AT	NIKOLAEVKA	113	61	10/28 35X650
4	Stebaevo	52 25 41 N	39 17 14 E	52 25.683 N	39 17.233 E	176	AT	STEBAEVO	52	339	10/28 18X400 125.0MGC
5	Talovaja	51 03 28 N	40 50 15 E	51 03.467 N	40 50.250 E	208	AT	TALOVAJA	135	152	GVPP 01/19 80X2700
6	U01 Savitskoe	52 09 59 N	39 22 46 E	52 09.983 N	39 22.767 E	109	T	U01SAVIT	25	317	
7	U02 Mar'ino	52 23 14 N	39 07 10 E	52 23.233 N	39 07.167 E	178	T	U02MAR'INO	55	326	
8	U03 Hlevnoe	52 12 55 N	39 08 39 E	52 12.917 N	39 08.650 E	182	T	U03HLEV	41	309	
9	U04 Verbilovo	52 17 40 N	39 24 55 E	52 17.667 N	39 24.917 E	103	T	U04VERB	34	339	
10	U05 Karamyshevo	52 22 10 N	39 31 28 E	52 22.167 N	39 31.467 E	112	T	U05KARAM	39	354	07/25 20X400

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation METERS	Codes*	ID	Distance Km	Bearing	Comment
11	U06 Vysokopol'e	52 19 19 N	39 53 50 E	52 19.317 N	39 53.833 E	131	T	U06VYSPOL	36	34	
12	U07 Studenki	52 01 09 N	39 35 37 E	52 01.150 N	39 35.617 E	134	T	U07STUDEN	5.3	268	
13	U08 Medovka	52 04 07 N	39 33 45 E	52 04.117 N	39 33.750 E	115	T	U08MEDOVKA	8.6	311	
14	U09 Kolabino	52 17 11 N	38 45 32 E	52 17.183 N	38 45.533 E	173	T	U09KOLAB	68	304	
15	U10 Aksay	52 14 27 N	39 43 06 E	52 14.450 N	39 43.100 E	156	T	U10AKSAY	24	17	
16	U11 Hmelinets	52 27 52 N	38 52 54 E	52 27.867 N	38 52.900 E	129	T	U11HMELIN	72	321	
17	U12 Devitsa	51 59 08 N	39 46 41 E	51 59.133 N	39 46.683 E	161	T	U12DEVI	8.8	131	
18	U13 Evsykovka	51 56 09 N	39 51 53 E	51 56.150 N	39 51.883 E	155	T	U13EVSUK	17	136	
19	U14 Hava	51 50 37 N	39 55 54 E	51 50.617 N	39 55.900 E	152	T	U14HAVA	27	148	
20	U15 Panino	51 39 16 N	40 07 51 E	51 39.267 N	40 07.850 E	173	T	U15PANINO	52	151	
21	U16 Sof'inka	51 29 48 N	40 16 46 E	51 29.800 N	40 16.767 E	161	T	U16SOF	72	153	
22	U17 Krasny Liman	51 28 02 N	39 51 49 E	51 28.033 N	39 51.817 E	160	T	U17KRLIMAN	64	177	
23	U18 Stupino	51 56 59 N	39 22 59 E	51 56.983 N	39 22.983 E	92	T	U18STUPINO	21	255	
24	U19 Zadonsk	52 22 25 N	38 54 10 E	52 22.417 N	38 54.167 E	96	T	U19ZADONS	65	316	
25	U20 Zavalnoe	52 04 27 N	39 56 16 E	52 04.450 N	39 56.267 E	167	T	U20ZAVAL	19	83	IVPP 06/24 18X400
26	U21 Bityg-Matrenovka	51 52 20 N	40 28 54 E	51 52.333 N	40 28.900 E	120	T	U21BITYG	58	116	
27	U22 Bobrov	51 07 12 N	39 58 42 E	51 07.200 N	39 58.700 E	141	AT	U22BOBROV	103	177	03/21 18X400
28	U23 Berezovka	51 18 45 N	40 12 06 E	51 18.750 N	40 12.100 E	142	T	U23BEREZ	88	164	
29	U24 Parshinovka	52 00 57 N	40 30 40 E	52 00.950 N	40 30.667 E	143	T	U24PARSH	58	100	IVPP 16/34 20X400
30	U25 Bereznegovatka	52 03 49 N	40 18 51 E	52 03.817 N	40 18.850 E	143	T	U25BEREZ	44	94	
31	U26 Dobrinka	52 09 56 N	40 26 37 E	52 09.933 N	40 26.617 E	156	T	U26DOBRIN	55	83	
32	U27 Hvorostjanka	52 19 52 N	40 14 51 E	52 19.867 N	40 14.850 E	142	T	U27HVOR	52	58	
33	U28 Ekaterinovka	52 32 47 N	38 43 14 E	52 32.783 N	38 43.233 E	229	T	U28EKAT	87	321	
34	U29 Stegalovka	52 24 45 N	38 18 40 E	52 24.750 N	38 18.667 E	172	T	U29STEGAL	102	304	
35	U30 Verhny Lomovets	52 14 25 N	38 36 43 E	52 14.417 N	38 36.717 E	176	T	U30VLOM	76	298	
36	U31 Krasnaya Poljana	52 06 50 N	38 38 42 E	52 06.833 N	38 38.700 E	219	T	U31KRPOL	71	287	17/35 18X400
37	U32 Kaver'e	51 57 35 N	38 55 02 E	51 57.583 N	38 55.033 E	186	T	U32KAVER	52	271	25/23 20X435
38	U33 Pjatiletka	52 12 08 N	38 17 57 E	52 12.133 N	38 17.950 E	218	T	U33PJAT	96	291	18/36 18X400
39	U34 Zasosenka	52 42 10 N	38 54 11 E	52 42.167 N	38 54.183 E	104	T	U34ZASOS	91	335	
40	U35 Jaman	52 01 50 N	39 10 07 E	52 01.833 N	39 10.117 E	99	T	U35JAMAN	34	280	
41	U36 Verhniaja Kolybelka	52 11 38 N	38 54 45 E	52 11.633 N	38 54.750 E	183	T	U36KOLYB	55	299	
42	U37 Navesnoe	52 17 37 N	37 55 19 E	52 17.617 N	37 55.317 E	215	T	U37NAVES	123	294	08/26 18X400
43	U38 Vyshnee Bolshoe	51 58 36 N	37 51 31 E	51 58.600 N	37 51.517 E	200	T	U38BOLSH	124	277	
44	U39 Kireevka	51 59 40 N	38 18 30 E	51 59.667 N	38 18.500 E	179	T	U39KIREEV	93	277	
45	U40 Sergeevka	51 39 55 N	40 43 47 E	51 39.917 N	40 43.783 E	165	T	U40SERG	83	128	
46	U41 Ertil	51 52 01 N	40 47 39 E	51 52.017 N	40 47.650 E	161	T	U41ERTIL	79	112	
47	U42 Mordovo	52 05 05 N	40 44 49 E	52 05.083 N	40 44.817 E	133	T	U42MORDO	74	94	
48	U43 Israilsky	51 44 14 N	40 58 42 E	51 44.233 N	40 58.700 E	145	T	U43ISRAIL	95	118	
49	U44 Tokarevka	51 59 03 N	41 07 30 E	51 59.050 N	41 07.500 E	169	T	U44TOKAR	100	101	
50	U45 Semenovka	52 11 23 N	41 06 11 E	52 11.383 N	41 06.183 E	165	T	U45SEMEN	100	88	
51	U46 Lavrovka	52 14 18 N	40 46 25 E	52 14.300 N	40 46.417 E	153	T	U46LAVROV	79	81	

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation METERS	Codes*	ID	Distance Km	Bearing	Comment
52	U47 Nijnaya Matrenka	52 16 44 N	40 08 42 E	52 16.733 N	40 08.700 E	143	AT	U47NIJMAT	43	58	02/20 18X400
53	U48 Hleborodnoe	51 27 53 N	40 40 37 E	51 27.883 N	40 40.617 E	106	T	U48HLEBOR	93	141	
54	U49 Pokrovo-Marfino	52 24 10 N	41 02 50 E	52 24.167 N	41 02.833 E	171	T	U49POKMAR	103	75	
55	U50 Glinkiny	52 34 18 N	40 58 41 E	52 34.300 N	40 58.683 E	182	T	U50GLINK	108	64	
56	U52 Alpha	52 27 16 N	40 32 06 E	52 27.267 N	40 32.100 E	126	T	U52ALPHA	76	60	
57	U53 Verhniaja Lukavka	52 26 58 N	40 12 05 E	52 26.967 N	40 12.083 E	128	T	U53VERHLUK	59	46	
58	U54 Peskovatka	51 15 42 N	39 56 54 E	51 15.700 N	39 56.900 E	97	T	U54PESKO	87	176	
59	U55 Chigla	51 10 05 N	40 54 33 E	51 10.083 N	40 54.550 E	161	T	U55CHIGLA	128	147	
60	U56 Jerdevka	51 49 55 N	41 28 55 E	51 49.917 N	41 28.917 E	108	T	U56JERD	126	108	
61	U57 Prudovka	52 05 55 N	41 39 11 E	52 05.917 N	41 39.183 E	174	T	U57PRUDOV	136	95	
62	U58 Krasovka	51 26 23 N	41 28 54 E	51 26.383 N	41 28.900 E	91	T	U58KRASOV	141	126	
63	U59 Sredniaja Matrenka	52 06 10 N	40 12 42 E	52 06.167 N	40 12.700 E	151	T	U59SREDMAT	38	86	IVPP 18/36 18X400
64	U60 Andreevka	52 10 56 N	40 22 38 E	52 10.933 N	40 22.633 E	144	T	U60ANDREV	51	79	IVPP 09/27 18X400
65	U61 Chernavka	51 43 30 N	40 20 30 E	51 43.500 N	40 20.500 E	162	T	U61CHERNA	57	135	IVPP 02/20 18X400
66	U62 Vorgol Rock	52 34 22 N	38 21 42 E	52 34.367 N	38 21.700 E	136	T	U62VORGOL	108	314	
67	U63 Borki	52 09 19 N	38 05 26 E	52 09.317 N	38 05.433 E	184	T	U63BORKI	109	287	
68	U64 Svjato-Tihonovsky	52 26 26 N	38 57 45 E	52 26.433 N	38 57.750 E	153	T	U64TIHON	66	323	Monastyr
69	U65 Ramon	51 54 29 N	39 20 25 E	51 54.483 N	39 20.417 E	151	T	U65RAMON	26	249	
70	U66 Voronejskaya Lozovka	52 12 18 N	39 16 17 E	52 12.300 N	39 16.283 E	144	T	U66VORLOZ	34	315	
71	U67 Sosenka	52 26 27 N	38 32 34 E	52 26.450 N	38 32.567 E	212	T	U67SOSENKA	89	310	
72	U68 Divnogorie	50 58 49 N	39 19 02 E	50 58.817 N	39 19.033 E	99	T	U68DIVNOGOR	119	201	
73	U69 Verhniaya Plavitsa	51 56 48 N	40 12 51 E	51 56.800 N	40 12.850 E	152	T	U69VPLAV	38	112	
74	Usman Finish NW	52 01 51 N	39 39 44 E	52 01.850 N	39 39.733 E	155	F	USM_FIN_NW	0.6	311	Nord-West Finish
75	Usman Finish SE	52 01 31 N	39 40 35 E	52 01.517 N	39 40.583 E	161	F	USM_FIN_SE	0.6	132	South-East Finish
76	Usman Start	52 03 04 N	39 42 15 E	52 03.067 N	39 42.250 E	163	S	USM_START	3.5	52	
77	Usman Aerodrom	52 01 41 N	39 40 10 E	52 01.683 N	39 40.167 E	161	HFAT	USMAER			
78	Usman	52 01 30 N	39 44 52 E	52 01.500 N	39 44.867 E	136	T	USMAN	5.4	103	
79	C01 Aerodrom Pugachovka	52 52 59 N	36 12 22 E	52 52.983 N	36 12.367 E	220	AT	C01AER-PU	253	302	
80	C22 Arharovo	52 28 27 N	36 42 35 E	52 28.450 N	36 42.583 E	220	T	C22ARHAR	207	294	
81	C24 Verhovie	52 48 43 N	37 14 58 E	52 48.717 N	37 14.967 E	260	T	C24VERHV	186	308	
82	C26 Droskovo	52 29 35 N	37 05 18 E	52 29.583 N	37 05.300 E	256	T	C26DROSK	183	296	
83	C28 Krasnoe	52 37 39 N	37 14 23 E	52 37.650 N	37 14.383 E	200	T	C28KRAS	178	302	
84	C31 Homutovo	52 52 07 N	37 26 05 E	52 52.117 N	37 26.083 E	220	T	C31HOMUT	178	312	
85	C34 Kolpny	52 12 59 N	37 03 00 E	52 12.983 N	37 03.000 E	145	T	C34KOLPNY	180	287	
86	C35 Krasnaya Zaria	52 47 17 N	37 40 00 E	52 47.283 N	37 40.000 E	255	T	C35KRZA	160	312	
87	C36 Livny	52 23 59 N	37 32 28 E	52 23.983 N	37 32.467 E	150	T	C36LIVN	151	296	
88	C37 Stud'Onoe	52 10 00 N	37 37 16 E	52 10.000 N	37 37.267 E	206	T	C37STUD	141	286	
89	C38 Svobodnay Dubrava	52 17 17 N	37 48 37 E	52 17.283 N	37 48.617 E	219	T	C38SVDUBR	130	293	
90	C43 Ugol'Noe	52 27 00 N	37 21 00 E	52 27.000 N	37 21.000 E	220	T	C43UGOLN	165	296	
91	C64 Kosorzha	52 06 06 N	36 44 36 E	52 06.100 N	36 44.600 E	257	T	C64KOSOR	200	282	

Codes*

- A: Airport
- F: Finish Point
- H: Home airport
- S: Start Point
- T: Turnpoint