

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Albert Lea, Minnesota Control Points

Contest: US Open Class and 18 m Nationals, Region 7 Sports Class 2007
Courtesy of Paul E. Remde (paul@remde.us)

Dated: May 30, 2007

Magnetic Variation: -2.5

Time zone: US/Central, summer offset from GMT is -5:00 and in winter it is -6:00.

Version 2007c

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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> <i>feet</i>	<i>Codes</i> [*]	<i>Turnpoint</i>	<i>Distance</i> <i>Sm</i>	<i>Bearing</i>
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Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation feet	Codes*	Turnpoint	Distance Sm	Bearing
1	Albert Lea	43 40 54 N	93 22 02 W	43 40 892 N	93 22.034 W	1260	AST	123.0 16/34	0.3	48
2	Start N	43 46 06 N	93 22 02 W	43 46 096 N	93 22.034 W		S		6.2	359
3	Start E	43 40 53 N	93 14 50 W	43 40 888 N	93 14.838 W		S		6.2	86
4	Start S	43 35 41 N	93 22 02 W	43 35 688 N	93 22.034 W		S		5.8	175
5	Start W	43 40 53 N	93 29 14 W	43 40 888 N	93 29.230 W		S		5.8	269
6	Algona Muni	43 04 40 N	94 16 19 W	43 04 675 N	94 16.320 W	1220	AT	122.8 12/30	61	225
7	Allison Muni	42 45 50 N	92 48 16 W	42 45 832 N	92 48.262 W	1053	AT	122.9 18/36	69	153
8	Austin	43 39 45 N	92 55 59 W	43 39 758 N	92 55.975 W	1234	AT	122.7 18/36	22	90
9	Belmond	42 51 10 N	93 35 41 W	42 51 165 N	93 35.679 W	1201	AT	122.9 17/35	58	189
10	Bergemann Pvt	44 00 15 N	94 10 41 W	44 00 248 N	94 10.681 W	1001	ATP	18/36 Land?	46	297
11	Blue Earth	43 35 43 N	94 05 34 W	43 35 720 N	94 05.571 W	1106	AT	122.8 16/34	37	259
12	Burk Pvt	43 50 38 N	94 17 09 W	43 50 631 N	94 17.148 W	1070	ATP	18/36 Land?	47	282
13	Caldbeck Pvt	43 42 19 N	92 27 39 W	43 42 314 N	92 27.644 W	1339	ATP	18/35 Land?	46	85
14	Charles City	43 04 21 N	92 36 39 W	43 04 357 N	92 36.647 W	1125	AT	122.8 12/30	57	135
15	Christison Pvt	44 09 31 N	92 12 08 W	44 09 515 N	92 12.127 W	1175	ATP	18/36 Land?	67	57
16	Church	43 21 55 N	92 07 59 W	43 21 918 N	92 07.985 W	1280	AT	122.8 15/33	66	106
17	Dodge Center	44 01 05 N	92 49 53 W	44 01 080 N	92 49.890 W	1306	AT	122.9 16/34	36	46
18	Eagle Grove	42 42 35 N	93 54 58 W	42 42 588 N	93 54.967 W	1132	AT	122.8 13/31	72	200
19	Estherville	43 24 27 N	94 44 47 W	43 24 447 N	94 44.785 W	1316	AT	122.8 16/34	71	253
20	Fairmont	43 38 38 N	94 24 56 W	43 38 636 N	94 24.937 W	1161	AT	122.8 13/31	52	265
21	Faribault	44 19 39 N	93 18 38 W	44 19 653 N	93 18.640 W	1060	AT	122.8 12/30	45	1
22	Fillmore	43 40 36 N	92 10 47 W	43 40 606 N	92 10.784 W	1276	AT	122.9 10/28	60	88
23	Flying A	43 49 11 N	92 20 01 W	43 49 181 N	92 20.010 W	1299	AT	122.9 9/27	53	77
24	Forest Muni	43 14 05 N	93 37 27 W	43 14 084 N	93 37.446 W	1230	AT	122.8 15/33	33	200
25	Friesenborg Pvt	43 25 33 N	93 50 09 W	43 25 547 N	93 50.147 W	1220	ATP	17/35 Land?	29	231
26	Geneva City	43 49 24 N	93 16 04 W	43 49 399 N	93 16.069 W		T	City	11	25
27	Hampton Muni	42 43 25 N	93 13 35 W	42 43 423 N	93 13.580 W	1175	AT	122.7 17/35	66	171
28	Hartland City	43 48 13 N	93 29 12 W	43 48 224 N	93 29.206 W		T	City	10	324
29	Iowa Falls	42 28 15 N	93 16 12 W	42 28 247 N	93 16.197 W	1138	AT	122.8 13/31	84	174
30	Jackson Muni	43 39 00 N	94 59 12 W	43 39 002 N	94 59.193 W	1447	AT	122.8 13/31	81	267
31	Kiester City	43 32 10 N	93 42 29 W	43 32 167 N	93 42.481 W		T	City	20	237
32	Lake Mills	43 25 00 N	93 30 31 W	43 24 997 N	93 30.513 W	1260	AT	122.9 18/36	19	198
33	Le Roy City	43 30 35 N	92 30 14 W	43 30 584 N	92 30.228 W		T	City	45	102
34	Le Sueur	44 26 15 N	93 54 46 W	44 26 248 N	93 54.764 W	866	AT	122.9 13/31	59	331
35	Mankato	44 13 18 N	93 55 07 W	44 13 299 N	93 55.125 W	1020	AT	122.725 15/33	46	322
36	Mapleton City	43 55 40 N	93 57 22 W	43 55 666 N	93 57.367 W		T	City	34	298
37	Mason Muni	43 09 28 N	93 19 53 W	43 09 468 N	93 19.876 W	1214	AT	123.0 17/35	36	174
38	New Hampton	43 05 14 N	92 20 36 W	43 05 232 N	92 20.594 W	1175	AT	122.9 17/35	66	126
39	New Ulm Muni	44 19 10 N	94 30 08 W	44 19 174 N	94 30.138 W	1010	AT	122.8 15/33	72	306
40	Nietz Pvt	44 11 29 N	92 27 10 W	44 11 481 N	92 27.161 W	1129	ATP	10/28 Land?	58	49

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation feet	Codes*	Turnpoint	Distance Sm	Bearing
41	Northwood	43 26 54 N	93 12 07 W	43 26.897 N	93 12.112 W	1224	AT	122.9 17/35	18	149
42	Osage	43 17 33 N	92 47 46 W	43 17.548 N	92 47.762 W	1168	AT	122.8 17/35	39	130
43	Owatonna	44 07 24 N	93 15 38 W	44 07.403 N	93 15.637 W	1145	AT	122.7 12/30	31	8
44	Rushford	43 48 57 N	91 49 48 W	43 48.950 N	91 49.806 W	1211	AT	122.9 16/34	78	80
45	Scott Muni	42 59 06 N	91 47 26 W	42 59.105 N	91 47.436 W	1234	AT	122.8 17/35	93	118
46	Sleepy Eye	44 15 00 N	94 43 01 W	44 14.998 N	94 43.016 W	1004	AT	122.9 14/32	78	298
47	St James	43 59 11 N	94 33 29 W	43 59.179 N	94 33.476 W	1066	AT	122.9 15/33	63	288
48	Stanton	44 28 32 N	93 00 59 W	44 28.531 N	93 00.979 W	919	AT	122.8 18/36	58	15
49	Tuma Pvt	44 25 26 N	93 29 04 W	44 25.431 N	93 29.064 W	1099	ATP	18/36 Land?	52	351
50	Twin Lakes City	43 33 35 N	93 25 22 W	43 33.586 N	93 25.373 W		T	City	8.6	195
51	Van Norman's Pvt	44 02 50 N	92 05 35 W	44 02.831 N	92 05.576 W	1099	ATP	17/35 Land?	69	65
52	Waseca	44 04 24 N	93 33 11 W	44 04.408 N	93 33.177 W	1125	AT	122.8 15/33	29	339
53	Waverly Muni	42 44 31 N	92 30 29 W	42 44.517 N	92 30.476 W	991	AT	122.8 11/29	78	143
54	Wells	43 44 00 N	93 47 01 W	43 43.997 N	93 47.014 W	1119	AT	122.9 17/35	21	278
55	Zumbrota City	44 17 29 N	92 40 25 W	44 17.477 N	92 40.423 W		T	City	55	37
56	Finish Line Center	43 40 45 N	93 22 17 W	43 40.745 N	93 22.284 W	1260	HFA	Runway 4 Threshold		

Codes*

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