

# Worldwide Soaring Turnpoint Exchange

## Official Coordinates for the Eskilstuna, Sweden [ Viking Glide ] Control Points

Contest: Viking Glide, 2005

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via Robert Danewid

Dated: 10 March, 2005

Magnetic Variation: +2

Time zone: MET, summer offset from GMT is 2:00 and in winter it is 1:00.

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### 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>Meters</i>	<i>Codes</i> *	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	<i>Alpha</i>	59 22 40 N	16 15 55 E	59 22,667 N	16 15,917 E	28	S	10	270
2	<i>Bravo</i>	59 23 48 N	16 12 26 E	59 23,800 N	16 12,433 E	53	S	14	279
3	<i>Charlie</i>	59 21 49 N	16 06 50 E	59 21,817 N	16 06,833 E	70	S	19	266
4	<i>Delta</i>	59 20 29 N	16 01 42 E	59 20,483 N	16 01,700 E	52	S	24	261
5	<i>Echo</i>	59 20 19 N	16 12 13 E	59 20,317 N	16 12,217 E	55	S	15	253
6	<i>Foxtrot</i>	59 18 24 N	16 16 29 E	59 18,400 N	16 16,483 E	34	S	13	232
7	<i>Golf</i>	59 19 08 N	16 22 31 E	59 19,133 N	16 22,517 E	34	S	8,1	213
8	<i>Hotel</i>	59 20 51 N	16 26 27 E	59 20,850 N	16 26,450 E	33	S	3,9	188
9	<i>India</i>	59 17 30 N	16 26 53 E	59 17,500 N	16 26,883 E	31	S	10	182
10	<i>Juliet</i>	59 15 16 N	16 21 39 E	59 15,267 N	16 21,650 E	62	S	15	201

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	Distance Km	Bearing
21	Finish	59 22 41 N	16 26 15 E	59 22,683 N	16 26,250 E	23	FA	0,7	236
101	Abborrberg	60 08 52 N	14 48 32 E	60 08,867 N	14 48,533 E	303	T	125	316
102	Aker	58 58 09 N	16 06 56 E	58 58,150 N	16 06,933 E	50	T	50	205
103	Alberga	59 17 15 N	16 06 53 E	59 17,250 N	16 06,883 E	47	T	22	243
104	Alfta	61 20 43 N	16 03 43 E	61 20,717 N	16 03,717 E	92	T	219	357
105	Alvdalen	61 12 54 N	14 02 49 E	61 12,900 N	14 02,817 E	229	AT	243	330
106	Ambjörby	60 30 34 N	13 09 04 E	60 30,567 N	13 09,067 E	169	T	222	308
107	Amot	60 58 02 N	16 27 04 E	60 58,033 N	16 27,067 E	159	T	176	2
108	Appelbo	60 29 25 N	14 00 27 E	60 29,417 N	14 00,450 E	280	T	183	315
109	Arboga	59 23 45 N	15 54 54 E	59 23,750 N	15 54,900 E	9	AT	30	275
110	Arbra	61 31 00 N	16 22 33 E	61 31,000 N	16 22,550 E	116	AT	237	1
111	As	59 09 22 N	16 06 45 E	59 09,367 N	16 06,750 E	51	T	32	219
112	Asen	61 16 31 N	13 49 36 E	61 16,517 N	13 49,600 E	287	T	255	329
113	Åstrand	60 17 24 N	13 23 51 E	60 17,400 N	13 23,850 E	174	T	198	304
114	Avesta	60 11 02 N	16 07 10 E	60 11,033 N	16 07,167 E	97	AT	91	350
115	Balgsjön	59 33 45 N	14 54 20 E	59 33,750 N	14 54,333 E	198	T	89	286
116	Bingsjö	61 01 26 N	15 39 08 E	61 01,433 N	15 39,133 E	227	T	188	349
117	Björbo	60 27 20 N	14 43 55 E	60 27,333 N	14 43,917 E	210	T	153	324
118	Bjursås	60 44 18 N	15 27 11 E	60 44,300 N	15 27,183 E	184	T	161	342
119	Bodas	60 25 18 N	16 27 34 E	60 25,300 N	16 27,567 E	137	T	116	2
120	Börlinge	60 25 46 N	15 29 39 E	60 25,767 N	15 29,650 E	152	AT	128	338
121	Borrsjön	60 45 58 N	16 14 00 E	60 45,967 N	16 14,000 E	260	T	154	358
122	By	60 12 08 N	16 28 52 E	60 12,133 N	16 28,867 E	75	T	91	3
123	Dadran	60 56 30 N	15 32 28 E	60 56,500 N	15 32,467 E	265	T	181	346
124	Dala Floda	60 30 31 N	14 48 07 E	60 30,517 N	14 48,117 E	199	T	155	327
125	Edsbyn	61 23 18 N	15 49 52 E	61 23,300 N	15 49,867 E	153	AT	226	354
126	Ekeby	59 22 55 N	16 26 53 E	59 22,917 N	16 26,883 E	13	HAT		
127	Ekshärad	60 09 24 N	13 31 55 E	60 09,400 N	13 31,917 E	140	AT	185	301
128	Enaker	60 02 08 N	16 48 11 E	60 02,133 N	16 48,183 E	74	T	75	17
129	Enviken	60 48 31 N	15 45 39 E	60 48,517 N	15 45,650 E	142	T	163	349
130	Evertsberg	61 08 03 N	13 58 12 E	61 08,050 N	13 58,200 E	396	T	238	328
131	Fagersta	59 59 21 N	15 48 25 E	59 59,350 N	15 48,417 E	93	T	77	334
132	Falun	60 36 30 N	15 38 01 E	60 36,500 N	15 38,017 E	129	T	144	344
133	Fellingsbro	59 35 00 N	15 30 25 E	59 35,000 N	15 30,417 E	79	T	58	295
134	Filipsstad	59 42 31 N	14 09 44 E	59 42,517 N	14 09,733 E	147	T	134	289
135	Finnskoga	60 33 19 N	13 06 12 E	60 33,317 N	13 06,200 E	152	AT	227	308
136	Fläckebo	59 52 31 N	16 20 50 E	59 52,517 N	16 20,833 E	72	T	55	356
137	Floda	59 04 03 N	16 21 54 E	59 04,050 N	16 21,900 E	35	T	35	190
138	Forssjö	58 57 03 N	16 17 55 E	58 57,050 N	16 17,917 E	45	T	49	192
139	Frötuna	59 25 34 N	15 34 25 E	59 25,567 N	15 34,417 E	28	T	50	278

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	Distance Km	Bearing
140	Furudal	61 10 00 N	15 08 16 E	61 10,000 N	15 08,267 E	195	T	211	343
141	Gagnef	60 35 26 N	15 03 43 E	60 35,433 N	15 03,717 E	168	T	155	333
142	Gammelbo	59 46 18 N	15 23 08 E	59 46,300 N	15 23,133 E	173	T	74	308
143	Gardsjo	60 56 45 N	15 14 10 E	60 56,750 N	15 14,167 E	204	T	186	341
144	Garpenberg	60 18 57 N	16 12 26 E	60 18,950 N	16 12,433 E	176	T	105	355
145	Gopen	60 42 42 N	15 19 15 E	60 42,700 N	15 19,250 E	158	T	161	340
146	Götlunda	59 21 24 N	15 40 11 E	59 21,400 N	15 40,183 E	37	T	44	269
147	Grangärde	60 15 45 N	14 59 00 E	60 15,750 N	14 59,000 E	164	T	128	323
148	Gräsmark	59 56 49 N	12 55 08 E	59 56,817 N	12 55,133 E	117	T	208	291
149	Grycken	60 25 48 N	16 13 50 E	60 25,800 N	16 13,833 E	140	T	117	356
150	Grythyttan	59 42 22 N	14 32 20 E	59 42,367 N	14 32,333 E	190	T	113	291
151	Gunnilbo	59 48 11 N	15 50 54 E	59 48,183 N	15 50,900 E	109	T	58	326
152	Hagfors	60 01 37 N	13 35 00 E	60 01,617 N	13 35,000 E	143	AT	176	297
153	Hällefors	59 52 18 N	14 25 35 E	59 52,300 N	14 25,583 E	183	AT	126	298
154	Hanebo	61 14 44 N	16 33 35 E	61 14,733 N	16 33,583 E	38	T	207	4
155	Hed	59 40 54 N	15 46 08 E	59 40,900 N	15 46,133 E	90	T	51	313
156	Hedemora	60 16 41 N	15 59 43 E	60 16,683 N	15 59,717 E	111	T	103	348
157	Hjortkvarn	58 53 55 N	15 26 20 E	58 53,917 N	15 26,333 E	95	T	79	229
158	Hjulsjö	59 47 04 N	14 46 55 E	59 47,067 N	14 46,917 E	171	T	104	298
159	Hörken	60 02 01 N	14 55 20 E	60 02,017 N	14 55,333 E	273	T	112	313
160	Huddunge	60 02 58 N	16 59 01 E	60 02,967 N	16 59,017 E	57	T	80	24
161	Hulen	60 38 02 N	14 17 15 E	60 38,033 N	14 17,250 E	288	T	184	322
162	Hyn	60 53 55 N	15 55 29 E	60 53,917 N	15 55,483 E	355	T	171	352
163	Idtjarn	60 22 29 N	15 13 48 E	60 22,483 N	15 13,800 E	276	T	130	331
164	Insjon	60 41 07 N	15 04 47 E	60 41,117 N	15 04,783 E	173	T	164	335
165	Iresjon	59 39 25 N	15 33 38 E	59 39,417 N	15 33,633 E	96	T	59	304
166	Jädraås	60 50 35 N	16 28 16 E	60 50,583 N	16 28,267 E	201	T	162	2
167	Järbo	60 42 46 N	16 36 14 E	60 42,767 N	16 36,233 E	88	T	148	5
168	Järna	60 33 11 N	14 22 31 E	60 33,183 N	14 22,517 E	235	AT	174	321
169	Järnboas	59 38 45 N	14 54 02 E	59 38,750 N	14 54,033 E	139	T	92	291
170	Jarvso	61 42 35 N	16 11 04 E	61 42,583 N	16 11,067 E	125	T	259	359
171	Kägleborg	59 24 00 N	15 28 12 E	59 24,000 N	15 28,200 E	104	T	55	274
172	Karbenning	60 00 32 N	16 04 51 E	60 00,533 N	16 04,850 E	101	T	73	346
173	Kärbo	59 52 23 N	15 39 00 E	59 52,383 N	15 39,000 E	131	T	71	323
174	Katrineholm	59 00 56 N	16 13 30 E	59 00,933 N	16 13,500 E	131	AT	43	199
175	Kila	59 52 13 N	16 32 53 E	59 52,217 N	16 32,883 E	68	T	55	8
176	Kilsmo	59 03 57 N	15 32 23 E	59 03,950 N	15 32,383 E	78	T	63	238
177	Kolsva	59 36 04 N	15 50 41 E	59 36,067 N	15 50,683 E	62	T	42	308
178	Köping	59 31 35 N	15 58 03 E	59 31,583 N	15 58,050 E	9	AT	32	303
179	Kopparberg	59 52 40 N	15 00 04 E	59 52,667 N	15 00,067 E	181	T	98	307

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	Distance Km	Bearing
180	Krylbo	60 08 12 N	16 13 10 E	60 08,200 N	16 13,167 E	86	T	85	353
181	Langen	60 27 28 N	16 03 26 E	60 27,467 N	16 03,433 E	100	T	122	352
182	Leksand	60 43 54 N	14 59 09 E	60 43,900 N	14 59,150 E	173	T	171	334
183	Lima	60 56 00 N	13 21 52 E	60 56,000 N	13 21,867 E	417	T	243	319
184	Lindesberg	59 35 32 N	15 13 46 E	59 35,533 N	15 13,767 E	76	T	73	291
185	Lingbo	61 02 51 N	16 42 07 E	61 02,850 N	16 42,117 E	82	T	186	6
186	Ljusdal	61 49 03 N	16 00 27 E	61 49,050 N	16 00,450 E	149	AT	272	357
187	Lovsjon	59 56 13 N	14 36 55 E	59 56,217 N	14 36,917 E	255	T	120	304
188	Ludvika	60 05 17 N	15 05 48 E	60 05,283 N	15 05,800 E	272	AT	109	319
189	Lundbysjon	59 38 06 N	15 55 15 E	59 38,100 N	15 55,250 E	65	T	41	316
190	Malingen	60 20 59 N	14 51 52 E	60 20,983 N	14 51,867 E	207	T	139	323
191	Malingsbo	59 55 43 N	15 26 22 E	59 55,717 N	15 26,367 E	178	T	83	319
192	Malm	58 58 06 N	16 21 50 E	58 58,100 N	16 21,833 E	45	T	46	188
193	Malung	60 39 23 N	13 43 57 E	60 39,383 N	13 43,950 E	299	AT	207	316
194	Möklinta	60 05 08 N	16 32 58 E	60 05,133 N	16 32,967 E	75	T	78	6
195	Munkfors	59 50 28 N	13 32 28 E	59 50,467 N	13 32,467 E	91	T	171	291
196	Nas	60 27 10 N	14 29 27 E	60 27,167 N	14 29,450 E	229	T	161	320
197	Näshulta	59 13 39 N	16 21 06 E	59 13,650 N	16 21,100 E	44	T	18	200
198	Nistallingen	60 43 26 N	13 26 55 E	60 43,433 N	13 26,917 E	376	T	224	315
199	Norberg	60 06 41 N	15 57 18 E	60 06,683 N	15 57,300 E	190	AT	86	343
200	Nordmark	59 50 06 N	14 06 43 E	59 50,100 N	14 06,717 E	189	T	141	294
201	Nyskoga	60 28 15 N	12 53 05 E	60 28,250 N	12 53,083 E	328	T	233	305
202	Odensvi	59 35 03 N	15 59 20 E	59 35,050 N	15 59,333 E	37	T	34	313
203	Oje	60 48 40 N	13 51 46 E	60 48,667 N	13 51,767 E	298	T	214	321
204	Orsa	61 11 10 N	14 42 40 E	61 11,167 N	14 42,667 E	208	AT	222	337
205	Osterfärnebo	60 18 10 N	16 47 51 E	60 18,167 N	16 47,850 E	74	T	104	13
206	Ostervala	60 10 45 N	17 10 56 E	60 10,750 N	17 10,933 E	48	T	98	27
207	Råforsen	60 27 23 N	13 45 08 E	60 27,383 N	13 45,133 E	330	T	192	312
208	Ramen	60 17 12 N	15 09 21 E	60 17,200 N	15 09,350 E	266	T	124	327
209	Rämmen	60 01 55 N	14 07 57 E	60 01,917 N	14 07,950 E	246	T	149	302
210	Ramnäs	59 45 47 N	16 12 42 E	59 45,783 N	16 12,700 E	82	T	44	345
211	Rättvik	60 53 30 N	15 05 56 E	60 53,500 N	15 05,933 E	164	T	184	339
212	Regna	58 53 37 N	15 41 52 E	58 53,617 N	15 41,867 E	65	T	69	221
213	Rejmyre	58 49 39 N	15 56 37 E	58 49,650 N	15 56,617 E	63	T	68	207
214	Rexbo	60 39 14 N	15 17 31 E	60 39,233 N	15 17,517 E	286	T	155	338
215	Rossen	60 17 46 N	16 25 52 E	60 17,767 N	16 25,867 E	144	T	102	1
216	Ryggan	60 34 48 N	16 00 06 E	60 34,800 N	16 00,100 E	209	T	136	352
217	Sala	59 56 03 N	16 37 25 E	59 56,050 N	16 37,417 E	59	T	62	11
218	Siljansnäs	60 46 58 N	14 50 09 E	60 46,967 N	14 50,150 E	186	AT	180	333
219	Silvberg	60 21 42 N	15 30 15 E	60 21,700 N	15 30,250 E	177	T	121	337

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	Distance Km	Bearing
220	Skedevi	58 56 20 N	15 53 10 E	58 56,333 N	15 53,167 E	49	T	59	215
221	Skedvi	59 34 35 N	15 41 34 E	59 34,583 N	15 41,567 E	67	T	48	299
222	Skinnskatteberg	59 49 48 N	15 41 14 E	59 49,800 N	15 41,233 E	118	T	66	322
223	Smedjebacken	60 08 33 N	15 25 36 E	60 08,550 N	15 25,600 E	120	T	102	328
224	Söderbärke	60 04 32 N	15 34 02 E	60 04,533 N	15 34,033 E	106	T	92	330
225	Sorang	61 20 09 N	16 13 11 E	61 20,150 N	16 13,183 E	80	T	218	359
226	Sormogen	59 42 28 N	15 24 39 E	59 42,467 N	15 24,650 E	123	T	69	304
227	Sonnemo	59 53 08 N	13 43 23 E	59 53,133 N	13 43,383 E	162	T	163	293
228	Stenby	59 29 50 N	15 27 36 E	59 29,833 N	15 27,600 E	47	T	57	285
229	Stöllet	60 24 25 N	13 16 30 E	60 24,417 N	13 16,500 E	201	T	210	306
230	Stora	59 43 01 N	15 08 41 E	59 43,017 N	15 08,683 E	86	T	82	299
231	Storvik	60 35 09 N	16 35 10 E	60 35,150 N	16 35,167 E	64	AT	134	5
232	Sunne	59 51 34 N	13 06 50 E	59 51,567 N	13 06,833 E	116	AT	195	289
233	Sura	59 42 25 N	16 12 00 E	59 42,417 N	16 12,000 E	62	T	39	341
234	Svärdsjö	60 45 09 N	15 55 29 E	60 45,150 N	15 55,483 E	125	T	155	351
235	Svartnas	60 54 52 N	16 08 17 E	60 54,867 N	16 08,283 E	296	T	171	356
236	Svennevad	59 01 11 N	15 22 55 E	59 01,183 N	15 22,917 E	83	T	73	239
237	Tärnsjö	60 09 16 N	16 55 22 E	60 09,267 N	16 55,367 E	80	T	90	19
238	Tierp	60 17 18 N	17 25 55 E	60 17,300 N	17 25,917 E	31	AT	115	30
239	Tjällmo	58 42 58 N	15 21 20 E	58 42,967 N	15 21,333 E	62	T	97	223
240	Torsåker	60 30 35 N	16 28 25 E	60 30,583 N	16 28,417 E	67	T	125	3
241	Torsby	60 09 18 N	12 59 48 E	60 09,300 N	12 59,800 E	119	AT	211	297
242	Ulvrarnen	59 48 07 N	16 04 00 E	59 48,117 N	16 04,000 E	112	T	51	337
243	Vingaker	59 02 33 N	15 52 39 E	59 02,550 N	15 52,650 E	41	T	50	223
244	Valskog	59 26 34 N	15 57 11 E	59 26,567 N	15 57,183 E	19	T	29	286
245	Västerfärnebo	59 56 43 N	16 16 55 E	59 56,717 N	16 16,917 E	75	T	63	354
246	Västervala	59 56 28 N	16 02 08 E	59 56,467 N	16 02,133 E	126	T	66	342
247	Venjan	60 57 07 N	13 54 38 E	60 57,117 N	13 54,633 E	278	T	224	324
248	Vikasjön	60 30 49 N	15 43 13 E	60 30,817 N	15 43,217 E	124	T	132	344
249	Virso	59 52 23 N	16 05 13 E	59 52,383 N	16 05,217 E	88	T	58	342
250	Yttermalung	60 34 40 N	13 49 27 E	60 34,667 N	13 49,450 E	302	T	197	315

**Codes\***

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