

# Worldwide Soaring Turnpoint Exchange

## Unofficial Coordinates for the Elverum, Norway [ Starmoen ] Control Points

Contest: Elverum Open 2006  
 Courtesy of Jan Olav Endrerud ( endsoft@endsoft.no )

Dated: 11 March, 1998  
 Updated courtesy of Thomas Nielsen ( tniel@broadpark.no )  
 Updated: 01 April, 2006  
 Magnetic Variation: -0.1

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

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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.

Number	Name	Latitude ° ' " N	Longitude ° ' " E	Latitude ° ' " N	Longitude ° ' " E	Elevation Meters	Codes <sup>1</sup>	Turnpoint	Type	Source	Date	Region	Distance Km	Bearing	Comment
101	S. Finish	60 52 17 N	11 40 44 E	60 52 283 N	11 40 733 E	218	FA	Airport	7	Nils Barkald	01/03/2003	Hedmark	0.8	154	Starmoen Finish South
102	N. Finish	60 52 50 N	11 39 59 E	60 52 833 N	11 39 983 E	218	FA	Airport	6	Nils Barkald	01/03/2003	Hedmark	0.5	314	Starmoen Finish North
103	Alpha Start	60 53 20 N	11 40 59 E	60 53 333 N	11 40 983 E	218	S		10	Nils Barkald	01/03/2003	Hedmark	1.4	24	Starmoen Start Alpha
104	Bravo Start	60 54 08 N	11 35 57 E	60 54 133 N	11 35 950 E	218	S		8	Nils Barkald	01/03/2003	Hedmark	4.8	305	Starmoen Start Bravo
105	Charlie Start	60 55 08 N	11 40 35 E	60 55 967 N	11 40 583 E	218	S		9	Nils Barkald	01/03/2003	Hedmark	6.1	2	Starmoen Start Charlie
108	Rena MIL flpl	61 11 20 N	11 22 33 E	61 11 333 N	11 22 550 E	250	TAY	Airport	1	John Eirik Laupsa	26/04/1998	Hedmark	38	335	
109	AEra Para Østre AEra	61 15 26 N	11 40 08 E	61 15 433 N	11 40 135 E	494	TA	Airport	3	Kenneth	21/04/1998	Hedmark	42	360	
111	Starmoen flpyl	60 52 39 N	11 40 22 E	60 52 652 N	11 40 365 E	218	TAH	Airport	3	Tore Bjørnstad	01/06/1998	Hedmark			
112	Jonna jh.bu	60 48 24 N	11 42 49 E	60 48 400 N	11 42 820 E	186	T	Bridge	2	Birger Bulukin	22/05/1997	Hedmark	8.2	164	
113	Holtstjøen Sør	60 46 17 N	11 56 21 E	60 46 289 N	11 56 358 E	400	T	Lake	1	Birger Bulukin	09/11/2002	Hedmark	19	129	

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Number	Name	Latitude	Longitude	Latitude	Longitude	Elevation Meters	Codes	Turnpoint	Type	Source	Date	Region	Distance Km	Bearing	Comment
114	Åsnes Fimnskog kirke	60 42 14 N	12 22 45 E	60 42,230 N	12 22,750 E	223	T	Church	2	Birger Bulukin	21/05/1997	Hedmark	43	116	
115	Braskerøidfloss bru	60 42 49 N	11 47 00 E	60 42,810 N	11 47,000 E	176	T	Bridge	2	Birger Bulukin	22/05/1997	Hedmark	19	162	
116	Gjesasen kirke	60 40 42 N	12 01 26 E	60 40,700 N	12 01,430 E	194	T	Church	2	Birger Bulukin	22/05/1997	Hedmark	29	139	
117	Hølet veikryss	60 39 36 N	12 14 06 E	60 39,603 N	12 14,106 E	223	T	Road crossing	0	Birger Bulukin	08/11/2002	Hedmark	39	128	
118	Eidsmungen Nord	60 37 22 N	11 42 29 E	60 37,370 N	11 42,482 E	412	T	Lake	0	Birger Bulukin	08/11/2002	Hedmark	28	176	
119	Arneberg kirke	60 34 02 N	12 03 28 E	60 34,026 N	12 03,468 E	179	T	Church	3	Hans Chr Gunneng	07/03/1998	Hedmark	40	148	
120	Noklevanet Nord	60 28 57 N	11 47 53 E	60 28,950 N	11 47,883 E	457	T	Lake	0	UKK	20/01/2004	Hedmark	44	171	
121	Kirkener jøst	60 27 23 N	12 03 32 E	60 27,388 N	12 03,541 E	157	T	Railway Station	3	Hans Chr Gunneng	07/03/1998	Hedmark	51	156	
122	Åsnes kirke	60 36 35 N	11 58 33 E	60 36,580 N	11 58,550 E	157	T	Church	2	Birger Bulukin	22/05/1997	Hedmark	34	151	
123	Storberget	60 24 27 N	12 09 18 E	60 24,458 N	12 09,300 E	334	T	Road crossing	0	Birger Bulukin	08/11/2002	Hedmark	58	153	
124	Oveasberget	60 21 23 N	11 53 19 E	60 21,378 N	11 53,310 E	259	T	Road crossing	0	Birger Bulukin	08/11/2002	Hedmark	59	168	
125	Skalland veikryss	60 16 45 N	12 06 47 E	60 16,752 N	12 06,786 E	234	T	Road crossing	0	Birger Bulukin	08/11/2002	Hedmark	71	160	
126	Kongsvinger bru	60 11 21 N	11 59 50 E	60 11,356 N	11 59,837 E	166	T	Bridge	3	Hans Chr Gunneng	07/03/1998	Hedmark	79	167	Øste bru
127	Eidskog kirke	60 01 48 N	12 07 29 E	60 01,802 N	12 07,487 E	188	T	Church	3	Hans Chr Gunneng	07/03/1998	Hedmark	97	165	
128	Pranhussetra veikryss	60 06 20 N	12 13 18 E	60 06,336 N	12 13,308 E	243	T	Road crossing	0	Birger Bulukin	08/11/2002	Hedmark	91	160	
129	Magnor jøst	59 57 05 N	12 12 07 E	59 57,077 N	12 12,117 E	136	T	Railway Station	3	Hans Chr Gunneng	07/03/1998	Hedmark	107	164	
135	Hernes kirke	60 55 37 N	11 38 02 E	60 55,618 N	11 38,040 E	283	T	Church	3	Kenneth	21/04/1998	Hedmark	5,9	339	
136	Øksrua veikryss	60 58 06 N	11 28 54 E	60 58,092 N	11 28,908 E	203	T	Road crossing	0	Birger Bulukin	08/11/2002	Hedmark	14	314	
137	Nordhve TV-mast	60 59 38 N	11 20 13 E	60 59,639 N	11 20,216 E	623	T	Antenna	3	Kenneth	01/05/1998	Hedmark	22	306	
138	Jullandsalen veikryss	60 59 55 N	11 46 21 E	60 59,917 N	11 46,350 E	345	T	Road crossing	0	UKK	20/01/2004	Hedmark	15	22	
139	Hemmesjøen	61 05 43 N	11 25 20 E	61 05,717 N	11 25,333 E	320	T	Lake	0	UKK	07/02/2004	Hedmark	28	331	
140	Klovstadsetra	61 09 21 N	11 13 15 E	61 09,350 N	11 13,242 E	571	T	Building	0	Birger Bulukin	08/11/2002	Hedmark	39	322	
141	Snuppen veikryss	61 09 21 N	11 27 16 E	61 09,661 N	11 27,264 E	281	T	Road crossing	0	Birger Bulukin	08/11/2002	Hedmark	34	340	
142	Deset kirke	61 18 12 N	11 27 38 E	61 18,200 N	11 27,633 E	305	T	Church	3	Agnar Renolen	05/02/2002	Hedmark	49	346	
143	Opphus bru	61 19 50 N	11 15 35 E	61 19,828 N	11 15,588 E	295	T	Bridge	3	Hans Chr Gunneng	22/05/1997	Hedmark	55	336	
144	Mykklebyseter	61 21 06 N	11 00 36 E	61 21,100 N	11 00,600 E	759	T	Bridge	4	Agnar Renolen	24/02/2003	Hedmark	64	326	
145	Løset bru	61 23 01 N	11 22 00 E	61 23,017 N	11 22,000 E	294	T	Bridge	3	Agnar Renolen	05/02/2002	Hedmark	59	344	
146	Evenstad kapell	61 24 21 N	11 07 58 E	61 24,345 N	11 07,972 E	271	T	Church	3	Hans Chr Gunneng	22/05/1997	Hedmark	65	334	
147	Neisjøen S	61 27 29 N	11 13 58 E	61 27,483 N	11 13,967 E	620	T	Lake	0	Agnar Renolen	24/02/2003	Hedmark	69	340	
148	Nybru	61 28 59 N	11 03 08 E	61 28,983 N	11 03,133 E	428	T	Bridge	3	Agnar Renolen	24/02/2003	Hedmark	79	328	
149	Stai bru	61 29 43 N	11 03 22 E	61 29,720 N	11 03,366 E	397	T	Bridge	3	Hans Chr Gunneng	22/05/1997	Hedmark	76	334	
150	Frogner	61 33 57 N	11 07 07 E	61 33,950 N	11 07,117 E	500	T	Building	1	Agnar Renolen	24/02/2003	Hedmark	82	339	
151	Fryvang	61 36 15 N	11 48 21 E	61 36,250 N	11 48,350 E	825	T	Bridge	3	Agnar Renolen	24/02/2003	Hedmark	93	330	
152	Fryskvikkedalen	61 40 22 N	11 04 31 E	61 40,367 N	11 04,517 E	665	T	Building	2	Agnar Renolen	24/02/2003	Hedmark	94	340	
153	Atna bru	61 44 14 N	11 09 14 E	61 44,233 N	11 09,233 E	368	T	Bridge	1	Agnar Renolen	01/01/1997	Hedmark	106	335	Nordre
154	Ytre Rendal kirke	61 45 35 N	11 10 50 E	61 45,581 N	11 10,826 E	336	T	Church	2	Svein Larsen	31/07/1997	Hedmark	102	345	
155	Tangen	61 47 05 N	11 03 01 E	61 47,083 N	11 03,101 E	569	T	Road crossing	0	UKK	20/01/2004	Hedmark	118	329	
156	Hanesstad kirke	61 50 15 N	10 53 00 E	61 50,250 N	10 53,000 E	450	T	Church	0	Agnar Renolen	21/04/1998	Hedmark	115	339	
157	Rendal kirke	61 53 21 N	11 04 41 E	61 53,371 N	11 04,679 E	291	T	Church	0	Kenneth	21/04/1998	Hedmark	117	344	Øvre Rendal Kirke
158	Barkald planovergang	61 59 34 N	10 53 05 E	61 59,567 N	10 53,083 E	486	T	Railx	1		01/01/1997	Hedmark	131	342	
159	Finstad bru	62 06 21 N	11 02 44 E	62 06,347 N	11 02,727 E	735	T	Bridge	2	Kenneth	21/04/1998	Hedmark	141	346	
160	Grimsmoen flpl	62 06 54 N	10 06 02 E	62 06,900 N	10 06,040 E	735	TA	Airport	3	Birger Bulukin	07/03/1998	Hedmark	161	329	Follidal flyplass
161	Trondfjell mast	62 10 31 N	10 42 15 E	62 10,517 N	10 42,250 E	1455	T	Antenna	0			Hedmark	153	341	
162	Hj-boten flpl	62 11 43 N	9 38 16 E	62 11,720 N	9 38,270 E	870	TA	Airport	0	Birger Bulukin	08/11/2002	Oppland	182	324	
163	Tynset flpl	62 15 32 N	10 40 27 E	62 15,534 N	10 40,444 E	531	TA	Airport	2	Jan O. Endrerud	01/01/1998	Hedmark	162	341	.550 meter, Hjerkmøhlen flpl
165	Humar flpl	60 49 01 N	11 04 09 E	60 49,009 N	11 04,156 E	223	TA	Airport	3	Geir Raudsandmoen	05/07/1998	Hedmark	33	258	
166	Gasbu	60 53 58 N	11 12 40 E	60 53,966 N	11 12,666 E	512	T	Building	0	UKK	29/01/2004	Hedmark	25	276	
167	Brunnmundal jøst	60 52 49 N	10 56 15 E	60 52,823 N	10 56,247 E	145	T	Railway Station	3	Geir Raudsandmoen	05/07/1998	Hedmark	40	271	
168	Biri kirke	60 57 32 N	10 35 30 E	60 57,531 N	10 35,504 E	159	T	Church	0	Geir Raudsandmoen	07/03/1998	Oppland	59	279	
169	Mesnali flystripe	61 04 20 N	10 42 30 E	61 04,333 N	10 42,500 E	573	TA	Airport	0			Hedmark	56	293	
170	Vestre Gausdal kirke	61 11 58 N	10 08 46 E	61 11,967 N	10 08,771 E	354	T	Church	3	Geir Raudsandmoen	07/03/1998	Oppland	90	294	
171	Højfjell	61 13 59 N	10 31 15 E	61 13,983 N	10 31,250 E	1030	T	Mountain	0	UKK	20/01/2004	Oppland	74	303	
172	Tretten bru	61 18 45 N	10 18 00 E	61 18,747 N	10 18,007 E	322	T	Bridge	3	Geir Raudsandmoen	07/03/1998	Oppland	88	304	
173	Fåvang kirke	61 25 38 N	10 13 12 E	61 25,639 N	10 13,208 E	328	T	Church	3	Geir Raudsandmoen	07/03/1998	Oppland	99	309	
174	Frya flpl	61 32 44 N	10 03 48 E	61 32,727 N	10 03,802 E	174	TA	Airport	3	Geir Raudsandmoen	07/03/1998	Oppland	114	311	
175	Vinstra jøst	61 35 42 N	9 44 40 E	61 35,703 N	9 44,672 E	275	T	Railway Station	3	Geir Raudsandmoen	07/03/1998	Oppland	130	308	
176	Sjøa jøst	61 40 54 N	9 32 35 E	61 40,894 N	9 32,575 E	344	T	Railway Station	3	Geir Raudsandmoen	07/03/1998	Oppland	145	309	
177	Bjølstad	61 45 40 N	9 17 22 E	61 45,667 N	9 17,367 E	515	T	Road crossing	0	UKK	13/01/2004	Oppland	161	309	
178	Gausdal Nord	61 20 40 N	9 46 46 E	61 20,667 N	9 46,767 E	738	T	Road crossing	0	UKK	13/01/2004	Oppland	114	298	
179	Lom sentrum veikryss	61 50 16 N	8 34 07 E	61 50,270 N	8 34,113 E	666	T	Road crossing	3	Hans Chr Gunneng	11/04/1998	Oppland	197	304	
180	Nord-Set kirke	61 50 57 N	8 25 16 E	61 50,942 N	8 25,264 E	300	T	Church	3	Geir Raudsandmoen	07/03/1998	Oppland	161	313	
181	Vagamo bru	61 52 33 N	9 06 00 E	61 52,333 N	9 06,000 E	428	T	Bridge	0			Oppland	176	310	
182	Dovre kirke	61 59 16 N	9 14 52 E	61 59,267 N	9 14,867 E	524	T	Church	1			Oppland	178	315	
183	Dombås jøst	62 04 09 N	9 07 34 E	62 04,150 N	9 07,567 E	849	T	Railway Station	1			Oppland	189	315	
184	Lora jøst	62 08 39 N	8 41 47 E	62 08,650 N	8 41,783 E	668	T	Railway Station	1			Oppland	212	313	

Number	Name	Latitude	Longitude	Latitude	Longitude	Elevation Meters	Codes	Turnpoint	Type	Source	Date	Region	Distance Km	Bearing	Comment
185	Bjorti flpl	62 14 08 N	8 14 48 E	62 14 133 N	8 14 800 E	594	TA	Airport	1	Kilde: Jeppesen	26/04/1999	Oppland	236	311	
190	Gjøvik jbst	60 47 50 N	10 41 39 E	60 47 840 N	10 41 646 E	123	T	Railway Station	2	Jan O. Enderud	07/03/1998	Oppland	54	261	
191	Nykirke kirke	60 53 51 N	10 20 19 E	60 53 850 N	10 20 321 E	485	T	Church	2	Jan O. Enderud	07/03/1998	Oppland	72	272	
192	Fuberg kirke	60 46 33 N	10 14 48 E	60 46 545 N	10 14 796 E	241	T	Church	2	Jan O. Enderud	07/03/1998	Oppland	78	262	
193	Dokka jbst	60 50 00 N	10 04 26 E	60 50 004 N	10 04 430 E	159	T	Railway Station	2	Jan O. Enderud	07/03/1998	Oppland	87	267	
194	Tomlevoll flpl	60 50 00 N	9 55 15 E	60 50 004 N	9 55 254 E	155	TA	Airport	2	Jan O. Enderud	30/05/1997	Oppland	95	268	
195	Brufat kirke	60 53 17 N	9 38 23 E	60 53 276 N	9 38 380 E	343	T	Church	2	Jan O. Enderud	30/05/1997	Oppland	110	271	
196	Bagn kirke	60 49 12 N	9 33 46 E	60 49 207 N	9 33 774 E	324	T	Church	2	Jan O. Enderud	07/03/1998	Oppland	114	268	
197	Aurdal kirke	60 55 28 N	9 25 00 E	60 55 474 N	9 25 000 E	562	T	Church	2	Jan O. Enderud	07/03/1998	Oppland	122	273	
198	Leirin flpl	61 00 28 N	9 17 46 E	61 00 464 N	9 17 761 E	823	TA	Airport	3	Jan O. Enderud	07/03/1998	Oppland	129	277	
199	Klanten flpl	60 47 50 N	9 03 00 E	60 47 833 N	9 03 000 E	861	TA	Airport	1	Jo Inge Bjørø	11/03/1999	Oppland	142	267	
232	Alvdal veikryss	62 06 38 N	10 37 40 E	62 06 633 N	10 37 667 E	521	T	Road crossing	1		01/01/1997	Hedmark	148	338	
259	Amasjøen	61 51 01 N	10 14 03 E	61 51 022 N	10 14 052 E	720	T	Lake	0	Nils Barkald	11/03/2006	Hedmark	133	325	
260	Engren	61 30 36 N	12 04 59 E	61 30 606 N	12 04 982 E	480	T	Lake	0	Nils Barkald	11/03/2006	Hedmark	74	17	
261	Harpfoss	61 34 34 N	9 52 14 E	61 34 568 N	9 52 229 E	240	T		0	Nils Barkald	11/03/2006	Hedmark	124	310	
262	Lundersæter kirke	60 17 59 N	12 16 39 E	60 17 988 N	12 16 643 E	230	T	Church	0	Nils Barkald	11/03/2006		72	152	
263	Namnstoen	60 31 32 N	12 09 00 E	60 31 541 N	12 09 005 E	230	T	Lake	0	Nils Barkald	11/03/2006		47	146	
264	Randsvek	61 43 00 N	9 02 30 E	61 43 000 N	9 02 500 E	785	T		0	Nils Barkald	11/03/2006		169	305	
265	Spenden	61 06 27 N	11 59 07 E	61 06 450 N	11 59 113 E	440	T		0	Nils Barkald	11/03/2006		31	33	
266	Skasenden	60 25 46 N	12 15 36 E	60 25 763 N	12 15 593 E	272	T		0	Nils Barkald	11/03/2006		59	147	
267	Solenstua flpl	61 50 07 N	11 43 31 E	61 50 122 N	11 43 509 E	635	TA	Airport	0	Nils Barkald	11/03/2006		107	1	
268	Trysil flpl	61 13 48 N	12 16 00 E	61 13 796 N	12 16 003 E	550	TA	Airport	0	Nils Barkald	11/03/2006		51	39	
516	Galdhøpiggen	61 38 00 N	8 18 45 E	61 38 000 N	8 18 750 E	2469	T	Mountain	1	Jostein Døsen	27/01/2004	Vestlandet	198	296	T

Status Forklaring

[Type]

0 Koordinat fra kart

1 Udokumentert GPS-måling

2 Dokumentert GPS-måling

3 Dokumentert GPS-måling, gjennomsnitt

4 Dokumentert måling med differensiell GPS

Codes

A: Airport

F: Finish Point

H: Home airport

S: Start Point

T: Turnpoint

Y: Military Airfield