

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Langtora, Sweden [Competitions] Control Points and Landmarks

Courtesy of Olof Karlström

Dated: 24 February 2024

Magnetic Variation: 4.6E

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

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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>Codes</i> *	<i>ID</i>	<i>Distance</i>	<i>Bearing</i>	<i>Comment</i>
		° ' "	° ' "	° ' "	° ' "	METERS			Km		
1	ESVL Laangtora	59 44 50 N	17 08 42 E	59 44,833 N	17 08,700 E	15	DHFS	ESVLLNGT			ESVL Langtora: Airport Enköping
2	<i>Ryda Vaest</i>	59 45 14 N	17 07 14 E	59 45,233 N	17 07,233 E	27	S	RYDAVAST	1,6	303	Ryda Väst: Start 500m Kungsgård
3	<i>Alpha</i>	59 47 00 N	17 08 30 E	59 47,000 N	17 08,500 E	44	S	ALPHA	4,0	2	Alpha: Start
4	<i>Haernevi</i>	59 43 39 N	17 04 43 E	59 43,650 N	17 04,717 E	20	S	HAERNEVI	4,3	244	Härnevi: Church
5	<i>Charlie</i>	59 45 16 N	17 13 23 E	59 45,267 N	17 13,383 E	53	S	CHARLIE	4,4	84	Charlie: Start
6	<i>Bravo</i>	59 45 04 N	17 02 02 E	59 45,067 N	17 02,033 E	63	S	BRAVO	6,2	279	Bravo: Start
7	<i>Jaedra</i>	59 42 50 N	17 02 00 E	59 42,833 N	17 02,000 E	30	S	JAEDRA	7,3	244	Jädra
8	<i>Delta</i>	59 48 51 N	17 10 07 E	59 48,850 N	17 10,117 E	57	S	DELTA	7,6	15	Delta: Start
9	Oesterunda N	59 49 50 N	17 08 00 E	59 49,833 N	17 08,000 E	100	T	OSTRNDNS	9,3	1	Osterunda N:
10	Oersundsbro	59 44 19 N	17 18 59 E	59 44,317 N	17 18,983 E	18	T	ORSNDSBR	9,7	100	Orsundsbro: Västra
11	Enköping vaegkors	59 39 18 N	17 04 49 E	59 39,300 N	17 04,817 E	36	rT	ENKPNGVG	11	204	Enköping väggors: Intersection
12	Skolsta	59 39 51 N	17 15 14 E	59 39,850 N	17 15,233 E	24	T	SKOLSTA	11	151	Skolsta: Västra
13	<i>ELTOK</i>	59 49 28 N	16 59 24 E	59 49,467 N	16 59,400 E	37	S	ELTOK	12	319	ELTOK: Start
14	Aaland	59 52 40 N	17 17 15 E	59 52,667 N	17 17,250 E	49	T	ALAND	17	33	Aland: Church
15	Vittinge	59 53 20 N	17 00 13 E	59 53,333 N	17 00,217 E	49	T	VITTINGE	18	338	Vittinge: Church

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation METERS	Codes*	ID	Distance Km	Bearing	Comment
16	Jaerlasa	59 54 35 N	17 12 59 E	59 54,583 N	17 12,983 E	58	T	JAERLASA	19	17	Järlasa
17	Brunna	59 51 24 N	17 26 20 E	59 51,400 N	17 26,333 E	38	T	BRUNNA	20	58	Brunna: Church
18	Duvhaellsasen	59 52 01 N	16 51 21 E	59 52,017 N	16 51,350 E	82	T	DVHLLSSN	21	314	Duvhällsasen
19	Amsjoen	59 56 18 N	17 06 48 E	59 56,300 N	17 06,800 E	110	T	AMSJOEN	21	360	Amsjön
20	Morgongava	59 56 01 N	16 57 50 E	59 56,017 N	16 57,833 E	83	T	MORGONGV	23	339	Morgongava: Railway Sta.
21	Siggeforasjoen	59 58 43 N	17 09 42 E	59 58,717 N	17 09,700 E	92	T	SGGFRSJN	26	7	Siggeforasjön: Lake
22	Julmyra	59 58 30 N	17 03 00 E	59 58,500 N	17 03,000 E	77	T	JULMYRA	26	353	Julmyra
23	P2	59 56 38 N	16 53 29 E	59 56,633 N	16 53,483 E	81	T	P2	26	332	P2: Control point 2 to adjust tasks for airspace
24	P3	59 54 12 N	16 47 42 E	59 54,200 N	16 47,700 E	83	T	P3	26	316	P3: Control point 3 to adjust tasks for airspace
25	Heby	59 56 23 N	16 51 37 E	59 56,383 N	16 51,617 E	57	T	HEBY	27	328	Heby: Church
26	Jumkil	59 56 35 N	17 25 35 E	59 56,583 N	17 25,583 E	38	T	JUMKIL	27	40	Jumkil: Church
27	P1	59 58 39 N	16 58 20 E	59 58,650 N	16 58,333 E	68	T	P1	27	344	P1: Control point 1 to adjust tasks for airspace
28	ESKC Sundbro	59 55 24 N	17 32 07 E	59 55,400 N	17 32,117 E	19	DT	ESKCSNDB	29	53	ESKC Sundbro
29	Vansjoen	60 00 16 N	16 58 23 E	60 00,267 N	16 58,383 E	74	T	VANSJOEN	30	346	Vansjön: Lk NW Point
30	Kumla	59 50 47 N	16 38 26 E	59 50,783 N	16 38,433 E	56	T	KUMLA	30	296	Kumla: Church
31	Kaerrbaeck	59 56 49 N	16 46 24 E	59 56,817 N	16 46,400 E	81	T	KAERRBCK	30	322	Kärrbaeck: Flyover
32	Sala Fp	59 53 43 N	16 38 00 E	59 53,717 N	16 38,000 E	43	AT	SALA FP	33	305	Sala Fp: Airfield
33	Huddunge	60 02 58 N	16 59 01 E	60 02,967 N	16 59,017 E	59	T	HUDDUNGE	35	350	Huddunge: Church
34	Skuttunge	59 59 56 N	17 31 06 E	59 59,933 N	17 31,100 E	32	T	SKUTTUNG	35	41	Skuttunge: Church
35	Raksjoen	60 03 50 N	17 05 13 E	60 03,833 N	17 05,217 E	79	T	RAKSJOEN	35	359	Raksjön: Lk N Point
36	Kila	59 52 13 N	16 32 53 E	59 52,217 N	16 32,883 E	70	T	KILA	36	297	Kila: Church
37	Enaker	60 02 08 N	16 48 11 E	60 02,133 N	16 48,183 E	74	T	ENAKER	37	334	Enaker: Church
38	Haraker	59 46 19 N	16 27 44 E	59 46,317 N	16 27,733 E	56	T	HARAKER	38	279	Haraker: Church
39	Saladamm	59 58 57 N	16 38 24 E	59 58,950 N	16 38,400 E	57	T	SALADAMM	38	318	Saladamm: Intersection
40	Lilla	60 04 45 N	16 52 47 E	60 04,750 N	16 52,783 E	88	T	LILLA	40	343	Lilla: Runhällen
41	Harbo	60 06 20 N	17 13 00 E	60 06,333 N	17 13,000 E	47	T	HARBO	40	10	Harbo: Church
42	Johannisberg	59 34 32 N	16 30 13 E	59 34,533 N	16 30,217 E	7	AT	JHNNSBRG	41	247	Johannisberg
43	Hallaren	60 03 12 N	16 43 35 E	60 03,200 N	16 43,583 E	67	T	HALLAREN	41	330	Hallaren: Lake
44	Velangen	60 05 49 N	17 28 42 E	60 05,817 N	17 28,700 E	55	T	VELANGEN	43	30	Velangen: Lk S Point
45	Flaeckebo	59 52 31 N	16 20 50 E	59 52,517 N	16 20,833 E	72	T	FLAECKEB	47	293	Fläckebo: Church
46	Taernsjoe	60 09 16 N	16 55 22 E	60 09,267 N	16 55,367 E	80	T	TAERNSJO	47	349	Tärnsjö: Church
47	Oestervaala	60 10 45 N	17 10 56 E	60 10,750 N	17 10,933 E	47	T	OSTERVAL	48	7	Ostervåla: Church
48	Kjula flp	59 21 46 N	16 42 39 E	59 21,767 N	16 42,650 E	43	AT	KJULA FP	49	215	Kjula flp
49	Dragmossen	60 07 48 N	16 42 00 E	60 07,800 N	16 42,000 E	73	T	DRAGMSSN	49	335	Dragmossen: Bog
50	Moeklinta	60 05 08 N	16 32 58 E	60 05,133 N	16 32,967 E	78	T	MOEKLINT	50	323	Möklinta: Intersection
51	Oesta	60 10 10 N	16 48 28 E	60 10,167 N	16 48,467 E	64	T	OESTA	51	343	Osta: Nature reserve
52	Storljusen	60 01 45 N	16 25 35 E	60 01,750 N	16 25,583 E	91	T	STORLJSN	51	313	Storljusen: Fäbodviken, Lk - cove NW
53	Ramnaes	59 45 47 N	16 12 42 E	59 45,783 N	16 12,700 E	89	T	RAMNAES	52	277	Ramnäs: Church
54	Vendel	60 09 52 N	17 36 15 E	60 09,867 N	17 36,250 E	42	T	VENDEL	53	33	Vendel: Church
55	Vaesterfaernebo	59 56 43 N	16 16 55 E	59 56,717 N	16 16,917 E	68	T	VSTRFRNB	53	300	Västerfärnebo: Church
56	Sura	59 42 25 N	16 12 00 E	59 42,417 N	16 12,000 E	66	T	SURA	53	270	Sura: Church

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation METERS	Codes*	ID	Distance Km	Bearing	Comment
57	Hallstahammar haallplats	59 36 52 N	16 13 13 E	59 36,867 N	16 13,217 E	37	T	HALLSHPL	54	259	Hallstahammar hallplats: Train stop
58	Stroemsholm	59 31 29 N	16 16 32 E	59 31,483 N	16 16,533 E	13	QT	STROMOLM	55	248	Strömsholm: Castle
59	Kerstinbo	60 14 21 N	16 57 11 E	60 14,350 N	16 57,183 E	61	T	KERSTINB	56	354	Kerstinbo: Church
60	Maankarbo	60 13 31 N	17 28 10 E	60 13,517 N	17 28,167 E	47	T	MAANKARB	56	23	Maankarbo
61	Baennbaeck	60 10 07 N	16 35 08 E	60 10,117 N	16 35,133 E	80	rT	BAENNBCK	56	331	Bännbäck: Crossroad
62	Ekeby	59 22 55 N	16 26 53 E	59 22,917 N	16 26,883 E	13	DT	EKEBY	56	229	Ekeby: Glider Airport
63	Kvicksund Bro	59 27 11 N	16 19 24 E	59 27,183 N	16 19,400 E	10	T	KVCKSNDB	57	240	Kvicksund Bro
64	Toften	60 15 39 N	17 12 38 E	60 15,650 N	17 12,633 E	70	T	TOFTEN	57	8	Toften: Cape
65	Botarbo	60 14 50 N	17 34 03 E	60 14,833 N	17 34,050 E	66	T	BOTARBO	60	27	Botarbo
66	Naes Bruk	60 10 36 N	16 28 32 E	60 10,600 N	16 28,533 E	69	2T	NAESBRUK	61	327	Näs Bruk: Emergency Landing Area, Dam
67	Ulvramen	59 48 07 N	16 04 00 E	59 48,117 N	16 04,000 E	119	T	ULVRAMEN	61	281	Ulvramen: Lk N Point
68	Virso	59 52 23 N	16 05 13 E	59 52,383 N	16 05,217 E	88	T	VIRSBO	61	288	Virso: Railway Sta.
69	Hoerendesjaen	59 58 18 N	16 08 56 E	59 58,300 N	16 08,933 E	85	T	HORNDSJN	61	299	Hörendesjön: Lk N Point
70	Stutsjoen	60 03 25 N	16 14 03 E	60 03,417 N	16 14,050 E	99	T	STUTSOEN	61	309	Stutsjön: Small lake
71	Gryttjom	60 17 18 N	17 25 55 E	60 17,300 N	17 25,917 E	32	AT	GRYTTJOM	62	19	Gryttjom
72	Gundbo	60 18 31 N	17 04 45 E	60 18,517 N	17 04,750 E	71	T	GUNDBO	63	1	Gundbo: Farm turnoff under powerline
73	Tobo West	60 15 27 N	17 38 11 E	60 15,450 N	17 38,183 E	42	T	TOBO	63	30	Tobo West
74	Oesterfaernebo	60 18 10 N	16 47 51 E	60 18,167 N	16 47,850 E	77	T	OSTRFRNB	65	347	Osterfärnebo: Church
75	Torpa Ka	59 25 20 N	16 11 21 E	59 25,333 N	16 11,350 E	19	T	TORPA KA	65	241	Torpa Ka
76	Gillberga ka	59 18 10 N	16 23 10 E	59 18,167 N	16 23,167 E	29	T	GILLBRGK	65	226	Gillberga ka
77	Vaagsjoen	59 42 10 N	15 58 47 E	59 42,167 N	15 58,783 E	91	T	VAAGSJON	66	271	Vaagsjön: Lake
78	Vaesterval	59 56 28 N	16 02 08 E	59 56,467 N	16 02,133 E	140	T	VAESTRVL	66	294	Västerval: Church
79	Karbenning	60 00 32 N	16 04 51 E	60 00,533 N	16 04,850 E	105	T	KARBNNNG	66	301	Karbenning: Church
80	Kullhyttan	60 12 38 N	16 22 11 E	60 12,633 N	16 22,183 E	119	T	KULLHTAN	67	325	Kullhyttan: Waypoint
81	Krylbo	60 08 12 N	16 13 10 E	60 08,200 N	16 13,167 E	84	T	KRYLBO	67	315	Krylbo: Railway X
82	Odensvi	59 35 03 N	15 59 20 E	59 35,050 N	15 59,333 E	44	T	ODENSVI	67	259	Odensvi: Church
83	Tierp basen	60 20 46 N	17 25 17 E	60 20,767 N	17 25,283 E	48	AT	TIERPBSN	68	17	Tierp basen: Airport
84	Fors	60 12 24 N	16 18 47 E	60 12,400 N	16 18,783 E	78	T	FORS	69	323	Fors: Factory
85	Grytnaes	60 10 05 N	16 13 27 E	60 10,083 N	16 13,450 E	81	T	GRYTNAES	69	317	Grytnäs: Church
86	Koeping	59 31 35 N	15 58 03 E	59 31,583 N	15 58,050 E	8	AT	KOEPING	71	255	Köping: Airport
87	Aspen	59 57 29 N	15 57 05 E	59 57,483 N	15 57,083 E	96	T	ASPEN	71	294	Aspen: Lk E Point
88	Soederfors	60 22 55 N	17 14 28 E	60 22,917 N	17 14,467 E	61	2T	SODERORS	71	9	Söderfors: Dam
89	Groensinka	60 19 01 N	16 33 43 E	60 19,017 N	16 33,717 E	140	T	GROENNKA	71	338	Grönsinka
90	Aasgarn	60 13 46 N	16 16 37 E	60 13,767 N	16 16,617 E	76	T	ASGARN	72	323	Asgarn: Lake
91	Hedesunda	60 23 42 N	17 00 55 E	60 23,700 N	17 00,917 E	61	T	HEDESUND	72	359	Hedesunda: Intersection
92	Langsvan	59 46 26 N	15 50 58 E	59 46,433 N	15 50,967 E	91	T	LANGSVAN	73	277	Langsvan: Lk N Point
93	Gunnilbo	59 48 11 N	15 50 54 E	59 48,183 N	15 50,900 E	107	T	GUNNILBO	73	280	Gunnilbo: Intersection
94	Horndals bruk	60 17 35 N	16 24 57 E	60 17,583 N	16 24,950 E	134	T	HORNDRUK	73	331	Horndals bruk: Industry
95	Naeshulta ka	59 13 39 N	16 21 06 E	59 13,650 N	16 21,100 E	44	T	NASHULTK	73	223	Näshulta ka
96	Storsjoen	60 07 16 N	16 03 38 E	60 07,267 N	16 03,633 E	151	T	STORSJON	73	310	Storsjön: Lk SE Point
97	Naevden	60 12 05 N	16 11 18 E	60 12,083 N	16 11,300 E	121	T	NAEVDEN	73	319	Nävden: Lk E Point

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation METERS	Codes*	ID	Distance Km	Bearing	Comment
98	Tolfta	60 22 32 N	17 33 11 E	60 22,533 N	17 33,183 E	33	T	TOLFTA	73	22	Tolfta: Church
99	Faelaren	60 20 15 N	17 46 32 E	60 20,250 N	17 46,533 E	39	T	FAELAREN	74	32	Fälaren: Lake
100	Kolsva	59 36 04 N	15 50 41 E	59 36,067 N	15 50,683 E	76	T	KOLSVÄ	75	263	Kolsva: Intersection
101	Avesta	60 11 02 N	16 07 10 E	60 11,033 N	16 07,167 E	97	AT	AVESTA	75	315	Avesta
102	Oeja ka	59 17 13 N	16 09 45 E	59 17,217 N	16 09,750 E	49	T	OJA KA	75	232	Oja ka: Church
103	Olbo kraftledningskors	60 25 35 N	17 03 33 E	60 25,583 N	17 03,550 E	70	T	OLBOKORS	76	1	Olbo kraftledningskors: Crossing powerlines
104	Skallbo	60 22 48 N	17 40 06 E	60 22,800 N	17 40,100 E	47	T	SKALLBO	76	27	Skallbo
105	Bastfallet	60 23 53 N	16 42 34 E	60 23,883 N	16 42,567 E	85	T	BASTFLLT	76	346	Bastfallet
106	Norberg	60 03 54 N	15 55 45 E	60 03,900 N	15 55,750 E	190	T	NORBERG	76	303	Norberg: Gruvhal
107	Rossen N	60 20 40 N	16 25 52 E	60 20,667 N	16 25,867 E	146	T	ROSSEN	77	334	Rossen N: Lake N tip
108	Vaestanhede	60 23 45 N	16 38 22 E	60 23,750 N	16 38,367 E	101	T	VAESTEDE	77	344	Västanhede: TP, control point for comp.
109	Aelgsjoe	60 18 17 N	17 58 54 E	60 18,283 N	17 58,900 E	29	T	ALGSJON	77	41	Algsjö: Elk/Moose lake
110	Hed	59 40 54 N	15 46 08 E	59 40,900 N	15 46,133 E	90	T	HED	78	270	Hed: Church
111	Sundby	59 16 14 N	16 07 47 E	59 16,233 N	16 07,783 E	31	QT	SUNDBY	78	232	Sundby
112	Svartsjoen	60 19 19 N	16 19 01 E	60 19,317 N	16 19,017 E	191	T	SVARTOEN	79	329	Svartsjön: Lake
113	Melloesa ka	59 05 59 N	16 33 26 E	59 05,983 N	16 33,433 E	40	T	MELLOSAK	79	210	Mellösa ka
114	Fagersta	59 59 21 N	15 48 25 E	59 59,350 N	15 48,417 E	95	T	FAGERSTA	79	295	Fagersta: Railway X
115	Arboga	59 23 45 N	15 54 54 E	59 23,750 N	15 54,900 E	10	ATP	ARBOGA	80	246	Arboga
116	Dragongate	60 27 45 N	17 24 53 E	60 27,750 N	17 24,883 E	42	T	DRAGOATE	81	15	Dragongate
117	Skinnskatteberg	59 49 48 N	15 41 14 E	59 49,800 N	15 41,233 E	118	T	SKNNSKTT	82	282	Skinnskatteberg: Church
118	Flen stn	59 03 34 N	16 35 55 E	59 03,567 N	16 35,917 E	37	T	FLEN STN	82	207	Flen stn
119	Garpenberg gruva	60 19 54 N	16 13 40 E	60 19,900 N	16 13,667 E	203	T	GARPEUVA	83	327	Garpenberg gruva: Boliden mine
120	Vamsta	60 19 45 N	18 05 25 E	60 19,750 N	18 05,417 E	28	rT	VAMSTA	83	43	Vamsta: Roads intersecting
121	Skedvi	59 34 35 N	15 41 34 E	59 34,583 N	15 41,567 E	61	T	SKEDVI	84	262	Skedvi: Church
122	Bodas	60 25 18 N	16 27 34 E	60 25,300 N	16 27,567 E	127	T	BODAS	84	338	Bodas: Mine
123	Loevstabruk	60 24 30 N	17 53 05 E	60 24,500 N	17 53,083 E	19	QT	LOVSTRUK	84	33	Lövstabruk: Castle
124	Oesterloevsta	60 26 11 N	17 46 42 E	60 26,183 N	17 46,700 E	17	T	OSTERSTA	84	29	Osterlövsta: Church
125	Kaerrbo	59 52 23 N	15 39 00 E	59 52,383 N	15 39,000 E	130	T	KAERRBO	85	285	Kärrbo: Intersection
126	Tyringe	59 19 09 N	15 54 01 E	59 19,150 N	15 54,017 E	30	rT	TYRINGE	85	241	Tyringe
127	Norrbomuren	60 31 05 N	16 57 41 E	60 31,083 N	16 57,683 E	65	T	NORRBMRN	86	358	Norrbomuren
128	Hedemora	60 16 41 N	15 59 43 E	60 16,683 N	15 59,717 E	98	T	HEDEMORA	87	318	Hedemora: Church
129	Floda ka	59 04 03 N	16 21 54 E	59 04,050 N	16 21,900 E	35	T	FLODA KA	88	215	Floda ka
130	Skaerplinge	60 28 21 N	17 45 36 E	60 28,350 N	17 45,600 E	8	rT	SKARPNGE	88	27	Skärplinge: Village
131	Crossing powerlines	60 32 11 N	17 11 25 E	60 32,183 N	17 11,417 E	50	T	CROSSNES	88	6	Crossing powerlines
132	Aes Vaegkorsning	59 09 18 N	16 06 34 E	59 09,300 N	16 06,567 E	61	rT	ASVGKRSN	88	227	As Vägkorsning: Intersection
133	Aarsunda	60 30 54 N	16 44 02 E	60 30,900 N	16 44,033 E	58	T	ARSUNDA	88	350	Arsunda
134	Forsmark	60 22 15 N	18 09 07 E	60 22,250 N	18 09,117 E	21	T	FORSMARK	89	43	Forsmark
135	Iresjoen	59 39 25 N	15 33 38 E	59 39,417 N	15 33,633 E	95	T	IRESJOEN	89	269	Iresjön: Lk NW Point
136	Julita ka	59 08 32 N	16 03 29 E	59 08,533 N	16 03,483 E	50	T	JULITAKA	91	227	Julita ka
137	Grycken S	60 25 48 N	16 13 50 E	60 25,800 N	16 13,833 E	131	T	GRYCKENS	91	331	Grycken S: Lk S Point Södra
138	Torsaaker	60 30 35 N	16 28 25 E	60 30,583 N	16 28,417 E	66	T	TORSAKER	93	341	Torsaker: Church

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation Codes*	ID	Distance Km	Bearing	Comment
						METERS				
139	Vavd	60 28 44 N	17 57 34 E	60 28,733 N	17 57,567 E	12 rT	VAVD	93	33	Vavd: Village, road intersection
140	Aelvkarleby kyrka	60 34 23 N	17 27 17 E	60 34,383 N	17 27,283 E	16 T	ALVKARKA	93	15	Alvkarleby kyrka
141	Fellingsbro	59 35 00 N	15 30 25 E	59 35,000 N	15 30,417 E	79 T	FLLINGSBR	94	264	Fellingsbro: Railway X
142	Goetlunda ka	59 21 24 N	15 40 11 E	59 21,400 N	15 40,183 E	37 T	GOTLUNDK	94	248	Götlunda ka
143	Oeljaren Granudden	59 06 40 N	16 02 10 E	59 06,667 N	16 02,167 E	30 T	OLJRNGRN	95	227	Oljaren Granudden
144	Gaevle Sandviken	60 35 40 N	16 57 04 E	60 35,667 N	16 57,067 E	63 AT	GVLSNDVK	95	358	Gävle Sandviken
145	Soederbaerke	60 04 32 N	15 34 02 E	60 04,533 N	15 34,033 E	113 T	SOEDRBRK	95	298	Söderbärke: Church
146	Kaalbo	60 35 00 N	17 35 52 E	60 35,000 N	17 35,867 E	1 T	KAALBO	96	19	Kaalbo
147	Katrineholms	59 00 56 N	16 13 30 E	59 00,933 N	16 13,500 E	40 AT	KTRNHLMS	97	218	Katrineholms
148	Haallnaes	60 32 06 N	17 52 56 E	60 32,100 N	17 52,933 E	16 T	HALLNAES	97	29	Hallnäs: Church
149	St Malm ka	58 58 06 N	16 21 50 E	58 58,100 N	16 21,833 E	45 T	STMALMKA	97	212	St Malm ka
150	Soermogen	59 42 28 N	15 24 39 E	59 42,467 N	15 24,650 E	110 T	SOERMOGN	97	273	Sörmogen: Lk SW Point
151	Malingsbo	59 55 43 N	15 26 22 E	59 55,717 N	15 26,367 E	179 T	MALINGSB	97	287	Malingsbo: Church
152	Oeregrund	60 20 27 N	18 26 23 E	60 20,450 N	18 26,383 E	8 T	OREGRUND	98	51	Oregrund
153	Sladaberg	60 32 14 N	17 56 04 E	60 32,233 N	17 56,067 E	15 T	SLADAERG	98	31	Sladaberg
154	Storvik	60 35 09 N	16 35 10 E	60 35,150 N	16 35,167 E	64 AT	STORVIK	98	346	Storvik
155	Gammelbo	59 46 18 N	15 23 08 E	59 46,300 N	15 23,133 E	173 LT	GAMMELBO	99	277	Gammelbo: Landable, Old Airport
156	Morskoga Vaegkors	59 42 13 N	15 23 17 E	59 42,217 N	15 23,283 E	123 T	MORSKAVK	99	273	Morskoga Väggors
157	Stenby jvgbro	59 29 50 N	15 27 36 E	59 29,833 N	15 27,600 E	47 T	STNBJVGB	99	259	Stenby jvgbro
158	Langen	60 27 28 N	16 03 26 E	60 27,467 N	16 03,433 E	109 T	LANGEN	99	328	Langen: Lk W Point
159	Forssjoe bruk bro	58 57 03 N	16 17 55 E	58 57,050 N	16 17,917 E	45 T	FRSSJBRK	101	213	Forssjö bruk bro
160	Hofors W	60 32 32 N	16 16 05 E	60 32,533 N	16 16,083 E	129 T	HOFORS W	101	336	Hofors W
161	Furuvik	60 39 10 N	17 19 48 E	60 39,167 N	17 19,800 E	7 T	FURUVIK	101	10	Furuvik
162	Gaevle V	60 40 15 N	17 05 37 E	60 40,250 N	17 05,617 E	10 rT	GAVLEV	103	3	Gävle V: Road intersection and highway exit, W
163	Ramsberg	59 46 04 N	15 18 03 E	59 46,067 N	15 18,050 E	147 T	RAMSBERG	103	277	Ramsberg: Church
164	Kloten	59 53 58 N	15 18 28 E	59 53,967 N	15 18,467 E	262 T	KLOTEN	104	285	Kloten: Intersection
165	Hoegbo bruk	60 40 11 N	16 48 47 E	60 40,183 N	16 48,783 E	63 QT	HOGBORUK	104	355	Högbo bruk: Old mansion
166	Oestra Vingaaker ka	58 58 09 N	16 06 56 E	58 58,150 N	16 06,933 E	41 T	OVINGKRK	104	219	Ostra Vingaker ka
167	Vingaker	59 03 12 N	15 52 53 E	59 03,200 N	15 52,883 E	50 T	VINGAKER	105	228	Vingaker
168	Smedjebacken	60 08 33 N	15 25 36 E	60 08,550 N	15 25,600 E	110 T	SMDJBCKN	105	300	Smedjebacken: Church
169	Nyfors	59 59 28 N	15 18 01 E	59 59,467 N	15 18,017 E	254 T	NYFORS	106	290	Nyfors
170	Stoengsjoe	58 54 24 N	16 12 00 E	58 54,400 N	16 12,000 E	48 T	STONGSJO	108	215	Stöngsjö
171	Hagmuren	60 39 30 N	16 26 18 E	60 39,500 N	16 26,300 E	120 T	HAGMUREN	109	344	Hagmuren
172	Lindesberg	59 35 32 N	15 13 46 E	59 35,533 N	15 13,767 E	76 T	LINDSBRG	109	266	Lindesberg: Church
173	Billsbro stn	59 02 50 N	15 47 16 E	59 02,833 N	15 47,267 E	50 T	BLLSBRST	109	230	Billsbro stn
174	Laennaes ka	59 08 51 N	15 34 58 E	59 08,850 N	15 34,967 E	54 T	LANNASKA	111	238	Lännäs ka
175	Fornaboda	59 37 52 N	15 10 24 E	59 37,867 N	15 10,400 E	107 T	FORNABOD	111	269	Fornaboda: Race Track
176	Jaerbo	60 42 46 N	16 36 14 E	60 42,767 N	16 36,233 E	88 T	JAERBO	111	349	Järbo: Railway X
177	AA01	60 44 40 N	17 26 36 E	60 44,667 N	17 26,600 E	T	AA01	112	13	AA01: AAT-point
178	Ryggen	60 34 48 N	16 00 06 E	60 34,800 N	16 00,100 E	216 T	RYGGEN	112	331	Ryggen
179	Stora	59 43 01 N	15 08 41 E	59 43,017 N	15 08,683 E	86 T	STORA	112	274	Stora

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation Codes*	ID	Distance	Bearing	Comment
						METERS		Km		
180	Hinsaasen	60 38 11 N	16 05 35 E	60 38,183 N	16 05,583 E	233 5T	HINSASEN	115	335	Hinsasen
181	Skedevi ka	58 56 20 N	15 53 10 E	58 56,333 N	15 53,167 E	49 T	SKEDEVIK	115	224	Skedevi ka
182	Vikasjoen	60 30 49 N	15 43 13 E	60 30,817 N	15 43,217 E	129 T	VIKASJON	116	322	Vikasjön: Lk N Point
183	Kungsberget	60 45 01 N	16 29 25 E	60 45,017 N	16 29,417 E	215 5T	KNGSBRGT	117	347	Kungsberget: Mountain
184	Norasjoen e-spets	59 31 59 N	15 05 32 E	59 31,983 N	15 05,533 E	114 T	NRSJNSPT	118	264	Norasjön e-spets
185	Lumsheden	60 42 37 N	16 15 00 E	60 42,617 N	16 15,000 E	179 T	LUMSHDEN	118	340	Lumsheden
186	Kilsmo stn	59 03 57 N	15 32 23 E	59 03,950 N	15 32,383 E	78 T	KILSMSTN	118	235	Kilsmo stn
187	Borlaenge	60 25 46 N	15 29 39 E	60 25,767 N	15 29,650 E	153 AT	BORLAENG	119	315	Borlänge
188	Ludvika	60 05 17 N	15 05 48 E	60 05,283 N	15 05,800 E	272 AT	LUDVIKA	120	294	Ludvika
189	Brevensbruk vaegkors	59 00 46 N	15 35 07 E	59 00,767 N	15 35,117 E	80 T	BRVNSBRK	120	233	Brevensbruk vägkors
190	Hogfors	59 59 39 N	15 02 27 E	59 59,650 N	15 02,450 E	304 T	HOGFORS	121	289	Hogfors
191	Kopparberg	59 52 40 N	15 00 04 E	59 52,667 N	15 00,067 E	184 T	KOPPRBRG	121	282	Kopparberg: Church
192	Nora	59 31 12 N	15 02 35 E	59 31,200 N	15 02,583 E	93 T	NORA	121	263	Nora: Church
193	Rejmyre	58 50 00 N	15 55 00 E	58 50,000 N	15 55,000 E	50 T	REJMYRE	123	220	Rejmyre
194	Faasjoens N-spets	59 37 31 N	14 56 31 E	59 37,517 N	14 56,517 E	139 T	FSJNSNSP	124	269	Fasjöns N-spets
195	Raemen	60 17 12 N	15 09 21 E	60 17,200 N	15 09,350 E	269 bT	RAEMEN	126	304	Rämen: Bridge
196	Sundborn kyrka	60 39 25 N	15 46 50 E	60 39,417 N	15 46,833 E	119 T	SUNDBRKA	126	328	Sundborn kyrka: Church
197	Jaernboas	59 38 45 N	14 54 02 E	59 38,750 N	14 54,033 E	139 T	JAERNBOS	126	270	Järnboas: Church
198	Idtjaern	60 22 29 N	15 13 48 E	60 22,483 N	15 13,800 E	287 T	IDTJAERN	127	309	Idtjärn: Lk N Point
199	Falun Lugnet	60 37 05 N	15 39 08 E	60 37,083 N	15 39,133 E	186 T	FALUNNET	127	325	Falun Lugnet: Bandy arena
200	Aagsjoen	60 46 37 N	16 08 18 E	60 46,617 N	16 08,300 E	273 T	AGSJOEN	127	339	Agsjön: Lk E Point
201	Jaedraas	60 50 35 N	16 28 16 E	60 50,583 N	16 28,267 E	215 T	JAEDRAAS	127	348	Jädraas: Railway Sta.
202	Hoerken	60 02 01 N	14 55 20 E	60 02,017 N	14 55,333 E	272 T	HOERKEN	128	290	Hörken: Lk S Point
203	Svennevad SE	59 00 50 N	15 23 16 E	59 00,833 N	15 23,267 E	82 T	SVENNDSE	129	236	Svennevad SE: South-East exit
204	Ockelbo	60 53 26 N	16 43 12 E	60 53,433 N	16 43,200 E	61 T	OCKELBO	129	354	Ockelbo: Railroad station
205	Bo ka	58 55 38 N	15 31 06 E	58 55,633 N	15 31,100 E	52 T	BO KA	130	231	Bo ka
206	Svaerdsjoe	60 45 09 N	15 55 29 E	60 45,150 N	15 55,483 E	131 T	SVAERDSJ	130	334	Svärdsjö: Church
207	Oerebro flp ESOE	59 13 43 N	15 03 12 E	59 13,717 N	15 03,200 E	58 AT	OREBROFP	131	249	Orebro flp ESOE: flygplats
208	Hjulsjoe	59 47 04 N	14 46 55 E	59 47,067 N	14 46,917 E	171 T	HJULSJOE	132	277	Hjulsjö: Church
209	Grangaerde	60 15 45 N	14 59 00 E	60 15,750 N	14 59,000 E	165 T	GRANGARD	133	301	Grangärde: Church
210	Olsjoen	60 09 32 N	14 53 31 E	60 09,533 N	14 53,517 E	244 T	OLSJOEN	134	296	Olsjön: Lk S Point
211	Mo	60 55 50 N	16 41 43 E	60 55,833 N	16 41,717 E	83 rT	MO	134	354	Mo: Road intersection
212	Hjortkvarn	58 53 55 N	15 26 20 E	58 53,917 N	15 26,333 E	81 T	HJRTKVRN	135	231	Hjortkvarn
213	Rastastugan	60 32 56 N	15 16 16 E	60 32,933 N	15 16,267 E	182 T	RASTAGAN	137	316	Rastastugan
214	Hallsberg stn	59 04 03 N	15 06 48 E	59 04,050 N	15 06,800 E	76 T	HLLSBRGS	138	242	Hallsberg stn
215	Grycken N	60 40 54 N	15 30 10 E	60 40,900 N	15 30,167 E	142 T	GRYCKENN	138	324	Grycken N: Lk N Point
216	Norsen	60 16 05 N	14 51 57 E	60 16,083 N	14 51,950 E	301 T	NORSEN	139	300	Norsen: Lk N Point
217	AA02	61 00 00 N	17 22 00 E	61 00,000 N	17 22,000 E	T	AA02	140	10	AA02: AAT point
218	Enviken	60 48 31 N	15 45 39 E	60 48,517 N	15 45,650 E	142 T	ENVIKEN	141	332	Enviken: Intersection
219	Aamot	60 58 02 N	16 27 04 E	60 58,033 N	16 27,067 E	159 T	AMOT	141	349	Amot: Church
220	Finspaang flp	58 43 51 N	15 36 11 E	58 43,850 N	15 36,183 E	50 AT	FNSPNGFP	143	223	Finspang flp

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation Codes * METERS	ID	Distance Km	Bearing	Comment
221	Domvik	59 34 57 N	14 36 56 E	59 34,950 N	14 36,933 E	T	DOMVIK	143	268	Domvik
222	Malingen	60 20 59 N	14 51 52 E	60 20,983 N	14 51,867 E	207 T	MALINGEN	143	303	Malingen
223	Kaellsjoe	60 57 50 N	16 15 57 E	60 57,833 N	16 15,950 E	232 T	KAELLJON	144	345	Källsjö: Houses (not lake)
224	Rexbo	60 39 14 N	15 17 31 E	60 39,233 N	15 17,517 E	301 T	REXBO	144	320	Rexbo: Intersection
225	St Gaellsjoen N-sp	59 30 35 N	14 37 57 E	59 30,583 N	14 37,950 E	T	STGLLSJN	144	265	St Gällsjön N-sp
226	Bjursas	60 44 18 N	15 27 11 E	60 44,300 N	15 27,183 E	189 T	BJURSAS	144	325	Bjursas: Church
227	Hyn	60 53 55 N	15 55 29 E	60 53,917 N	15 55,483 E	355 T	HYN	145	337	Hyn
228	Gagnef	60 33 03 N	15 04 58 E	60 33,050 N	15 04,967 E	175 AT	GAGNEF	145	314	Gagnef
229	Trehoerningen	59 28 20 N	14 36 50 E	59 28,333 N	14 36,833 E	285 T	TRHRNNGN	146	264	Trehörningen: Lk S Point
230	Grythytan	59 42 22 N	14 32 20 E	59 42,367 N	14 32,333 E	194 T	GRYTHTTN	146	274	Grythytan: Church
231	Lingbo	61 02 51 N	16 42 07 E	61 02,850 N	16 42,117 E	82 T	LINGBO	147	355	Lingbo: Church
232	Ulriksberg	60 10 14 N	14 38 45 E	60 10,233 N	14 38,750 E	329 T	ULRKSBRG	147	294	Ulriksberg
233	Gopen	60 42 42 N	15 19 15 E	60 42,700 N	15 19,250 E	158 T	GOPEN	147	322	Gopen: Lk W Point
234	Loevsjaen	60 18 40 N	14 41 09 E	60 18,667 N	14 41,150 E	269 T	LOEVSJON	150	300	Lövsjön: Intersection
235	Loka Brunn	59 36 17 N	14 28 55 E	59 36,283 N	14 28,917 E	T	LOKABRUN	150	270	Loka Brunn
236	Stocktorp vaegkors	59 26 32 N	14 30 44 E	59 26,533 N	14 30,733 E	T	STOCKTVK	152	263	Stocktorp vägkors
237	Haellefors	59 52 18 N	14 25 35 E	59 52,300 N	14 25,583 E	194 AT	HAELLFRS	153	281	Hällefors
238	Insjoen	60 41 07 N	15 04 47 E	60 41,117 N	15 04,783 E	165 T	INSJOEN	155	318	Insjön: Railway X
239	Dala Floda	60 30 31 N	14 48 07 E	60 30,517 N	14 48,117 E	199 T	DALAFLOD	155	309	Dala Floda
240	Bjoerbo	60 27 20 N	14 43 55 E	60 27,333 N	14 43,917 E	216 T	BJOERBO	155	306	Björbo: Bridge
241	Karlskoga ESKK	59 20 42 N	14 29 42 E	59 20,700 N	14 29,700 E	122 AT	KARESCK	156	259	Karlskoga ESKK: 123.525 Mhz, Phone 070-7753360
242	Gasborn	59 52 50 N	14 20 10 E	59 52,833 N	14 20,167 E	247 T	GASBORN	158	281	Gasborn: Church
243	Alkvettern	59 26 25 N	14 24 29 E	59 26,417 N	14 24,483 E	150 T	ALKVTTRN	158	263	Alkvettern: Intersection
244	Dadran	60 56 30 N	15 32 28 E	60 56,500 N	15 32,467 E	265 T	DADRAN	159	332	Dadran: Chapel
245	Gruvberget	61 06 00 N	16 09 38 E	61 06,000 N	16 09,633 E	321 T	GRUVBGET	160	345	Gruvberget
246	Nykroppa	59 37 11 N	14 18 15 E	59 37,183 N	14 18,250 E	134 T	NYKROPPA	160	271	Nykroppa: Church
247	Fredriksberg	60 08 32 N	14 22 30 E	60 08,533 N	14 22,500 E	328 T	FRDRKSBR	160	292	Fredriksberg
248	Siljan	60 42 54 N	14 58 55 E	60 42,900 N	14 58,917 E	182 T	SILJAN	161	318	Siljan: Bridge
249	Jordkullsbron	59 34 57 N	14 16 03 E	59 34,950 N	14 16,050 E	T	JORDKULB	163	269	Jordkullsbron
250	Grevudden s-spets	59 28 58 N	14 18 00 E	59 28,967 N	14 18,000 E	115 T	GRVDDNSS	163	265	Grevudden s-spets
251	Degerfors jvgbro	59 13 55 N	14 26 23 E	59 13,917 N	14 26,383 E	90 T	DGRFRSJV	163	255	Degerfors jvgbro
252	Roedtjaernen	61 10 04 N	16 24 13 E	61 10,067 N	16 24,217 E	211 T	RODTJNEN	163	350	Rödtjärnen
253	Digerberget	61 12 10 N	16 42 14 E	61 12,167 N	16 42,233 E	317 5T	DIGRBRGT	164	356	Digerberget: Mountain
254	Bingsjoe	61 01 26 N	15 39 08 E	61 01,433 N	15 39,133 E	216 T	BINGSJOE	164	335	Bingsjö: Chapel
255	Nas Bro	60 27 10 N	14 29 27 E	60 27,167 N	14 29,450 E	241 T	NAS BRO	167	304	Nas Bro: Bridge
256	Filipsstad	59 42 31 N	14 09 44 E	59 42,517 N	14 09,733 E	145 T	FILPSSTD	167	274	Filipsstad: Railway Sta.
257	AA03	61 14 49 N	17 30 05 E	61 14,817 N	17 30,083 E	T	AA03	168	11	AA03: AAT point
258	Stor Lungen	59 33 45 N	14 09 27 E	59 33,750 N	14 09,450 E	125 T	STORLNGN	169	269	Stor Lungen: Lk W Point
259	Hanebo	61 14 44 N	16 33 35 E	61 14,733 N	16 33,583 E	38 T	HANEBO	170	354	Hanebo: Church
260	Gaerdsjoe	60 56 45 N	15 14 10 E	60 56,750 N	15 14,167 E	207 T	GAERDSJO	170	327	Gärdsjö: Intersection
261	Raettvik	60 53 30 N	15 05 56 E	60 53,500 N	15 05,933 E	172 T	RAETTVIK	170	324	Rättvik: Church

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation METERS	Codes*	ID	Distance Km	Bearing	Comment
262	Nordmark	59 50 06 N	14 06 43 E	59 50,100 N	14 06,717 E	189	T	NORDMARK	170	279	Nordmark: Church
263	Raemmen	60 01 55 N	14 07 57 E	60 01,917 N	14 07,950 E	252	T	RAEMMEN	171	287	Rämmen: Church
264	Siljansnaes	60 46 58 N	14 50 09 E	60 46,967 N	14 50,150 E	186	AT	SILJNSNS	172	318	Siljansnäs: Airport
265	Mohed Airport	61 17 17 N	16 50 30 E	61 17,283 N	16 50,500 E	40	AT	MOHED AP	172	359	Mohed Airport
266	Grenlanda	59 06 09 N	14 18 10 E	59 06,150 N	14 18,167 E		T	GRENLAND	176	252	Grenlanda
267	Boda kyrka	61 00 41 N	15 12 30 E	61 00,683 N	15 12,500 E	304	T	BODAKRKA	176	328	Boda kyrka: Church
268	Skraeddarbo	61 12 18 N	15 52 17 E	61 12,300 N	15 52,283 E	244	T	SKRADRBO	176	342	Skräddarbo
269	ESKD Dala Jaerna	60 33 11 N	14 22 31 E	60 33,183 N	14 22,517 E	236	AT	ESKDDLJR	178	306	ESKD Dala Järna
270	Boda kalkverksdamm	61 02 55 N	15 12 01 E	61 02,917 N	15 12,017 E	322	T	BODAKERK	180	329	Boda kalkverksdamm: Lime works, pond
271	ESSM Brattforsheden	59 36 39 N	13 55 38 E	59 36,650 N	13 55,633 E	179	AT	ESSMBRTT	181	271	ESSM Brattforsheden: Airport
272	Soeraeng	61 20 09 N	16 13 11 E	61 20,150 N	16 13,183 E	95	bT	SOERAENG	184	349	Söräng: Bridge
273	St Trehoerningen	58 43 45 N	14 34 20 E	58 43,750 N	14 34,333 E	250	T	STTRHRNN	185	238	St Trehörningen
274	Hulen	60 38 02 N	14 17 15 E	60 38,033 N	14 17,250 E	288	T	HULEN	186	308	Hulen: Lk N Point
275	Alfta	61 20 43 N	16 03 43 E	61 20,717 N	16 03,717 E	89	T	ALFTA	187	347	Alfta: Bridge
276	Aepelbo	60 28 38 N	14 05 35 E	60 28,633 N	14 05,583 E	279	T	AEPPELBO	188	302	Appelbo: Railway X
277	Dunkheden	61 08 40 N	15 13 43 E	61 08,667 N	15 13,717 E	231	T	DUNKHDEN	188	331	Dunkheden: Waypoint
278	Bollnaes	61 23 52 N	16 24 23 E	61 23,867 N	16 24,383 E	77	2T	BOLLNAES	188	353	Bollnäs: Emergency Landing Area, Dam
279	Grangsbo	61 19 35 N	15 54 00 E	61 19,583 N	15 54,000 E	171	T	GRANGSBO	188	344	Grangsbo
280	Graessjoen	59 49 58 N	13 44 21 E	59 49,967 N	13 44,350 E	138	T	GRAESSJN	191	279	Grässjön: Lk S Point
281	Sunnemo	59 53 08 N	13 43 23 E	59 53,133 N	13 43,383 E	181	T	SUNNEMO	192	281	Sunnemo: Church
282	Furudal	61 10 00 N	15 08 16 E	61 10,000 N	15 08,267 E	191	T	FURUDAL	192	331	Furudal: Bridge
283	Aelgaraas Stn	58 48 50 N	14 15 33 E	58 48,833 N	14 15,550 E	313	T	ALGRSSTN	194	244	Algaras Stn: Station
284	Gammel-Homna	61 20 21 N	15 40 05 E	61 20,350 N	15 40,083 E	180	T	GAMMEMNA	195	341	Gammel-Homna
285	Aelgaraas Ka	58 48 04 N	14 15 35 E	58 48,067 N	14 15,583 E	125	T	ALGARAS	195	243	Algaras Ka: Kyrka, Church
286	Edsbyn	61 23 16 N	15 49 57 E	61 23,267 N	15 49,950 E	157	AT	EDSBYN	196	344	Edsbyn: Airport
287	Mora-Siljan Flygplats	60 57 33 N	14 30 38 E	60 57,550 N	14 30,633 E	181	AT	MORA-ATS	198	319	Mora-Siljan Flygplats: ATS: MORA INFORMATION 119.055
288	Dalkarlsbo	61 20 56 N	15 32 04 E	61 20,933 N	15 32,067 E	190	T	DALKASBO	199	339	Dalkarlsbo: Farm buildings, Waypoint
289	Hagfors	60 01 37 N	13 35 00 E	60 01,617 N	13 35,000 E	144	AT	HAGFORS	201	285	Hagfors
290	Arbraa	61 30 59 N	16 22 19 E	61 30,983 N	16 22,317 E	115	AT	ARBRA	201	353	Arbra
291	Acksjoen	60 08 26 N	13 36 34 E	60 08,433 N	13 36,567 E	245	T	ACKSJOEN	202	289	Acksjön: Lk N Point
292	Munkfors stn	59 50 28 N	13 32 28 E	59 50,467 N	13 32,467 E	91	T	MNKFRSST	202	279	Munkfors stn
293	Skattungsbyn East	61 11 18 N	14 52 42 E	61 11,300 N	14 52,700 E	235	rT	SKATTAST	203	328	Skattungsbyn East: Road intersection east
294	Raforsen	60 27 23 N	13 45 08 E	60 27,383 N	13 45,133 E	355	T	RAFORSEN	204	299	Raforsen: Bridge
295	Munkfors	59 48 10 N	13 29 50 E	59 48,167 N	13 29,833 E	85	AT	MUNKFORS	204	278	Munkfors
296	Lyrestad Ka	58 48 05 N	14 03 33 E	58 48,083 N	14 03,550 E	67	T	LYRESTDK	204	245	Lyrestad Ka
297	Yttermalung	60 34 40 N	13 49 27 E	60 34,667 N	13 49,450 E	330	T	YTTRMLNG	206	303	Yttermalung: Church
298	Lill-Nien S	61 34 33 N	16 34 02 E	61 34,550 N	16 34,033 E	155	T	LILL-ENS	206	356	Lill-Nien S: South end Lake
299	Raeka	61 24 17 N	15 28 03 E	61 24,283 N	15 28,050 E	191	T	RAEKA	206	339	Räka: Waypoint, landable
300	Ekshaerad	60 09 24 N	13 31 55 E	60 09,400 N	13 31,917 E	140	AT	EKSHAERD	206	289	Ekshärad
301	Ransaeter ka	59 46 13 N	13 27 06 E	59 46,217 N	13 27,100 E	86	T	RANSATRK	207	277	Ransäter ka: Kyrka
302	Lakenesjoe N-spets	60 00 38 N	13 28 10 E	60 00,633 N	13 28,167 E	155	T	LKNSJNNS	207	284	Lakenesjö N-spets

Number	Name	Latitude		Longitude		Elevation Codes*		ID	Distance Bearing		Comment
		°	'	°	'	METERS			Km		
303	Toereboda Stn	58 42 02 N	14 07 54 E	58 42,033 N	14 07,900 E	96	T	TORB DSTN	207	242	Törebody Stn: Station
304	Aemten	60 17 14 N	13 33 43 E	60 17,233 N	13 33,717 E	266	T	AEMTEN	208	293	Amten: Lk S Point
305	Orsa Tallhed flygplats	61 11 10 N	14 42 40 E	61 11,167 N	14 42,667 E	208	AT	ORSA	208	326	Orsa Tallhed flygplats
306	Laede	61 02 48 N	14 20 54 E	61 02,800 N	14 20,900 E	209	T	LAEDE	211	319	Läde
307	Oejen	60 44 02 N	13 51 00 E	60 44,033 N	13 51,000 E	294	T	OEJEN	212	307	Ojen
308	Baek Ka	58 41 34 N	14 01 42 E	58 41,567 N	14 01,700 E	144	T	BACK KA	213	242	Bäck Ka
309	Malung	60 39 23 N	13 43 57 E	60 39,383 N	13 43,950 E	298	AT	MALUNG	214	304	Malung
310	Oeje	60 48 40 N	13 51 46 E	60 48,667 N	13 51,767 E	312	T	OEJE	216	309	Oje: Church
311	N Heden	61 08 55 N	14 24 27 E	61 08,917 N	14 24,450 E	209	T	N HEDEN	216	322	N Heden: Waypoint
312	Astrand	60 17 24 N	13 23 51 E	60 17,400 N	13 23,850 E	171	bT	ASTRAND	217	292	Astrand: Bridge
313	Orsa Groenklitt	61 13 00 N	14 32 19 E	61 13,000 N	14 32,317 E	507	5T	ORSAGITT	217	325	Orsa Grönklitt: AAT-point
314	Aemtervik	59 44 03 N	13 12 10 E	59 44,050 N	13 12,167 E	78	T	AEMTERVK	221	273	Amtervik: Church
315	Venjan	60 57 07 N	13 54 38 E	60 57,117 N	13 54,633 E	288	T	VENJAN	223	313	Venjan: Church
316	Naesviken	61 45 27 N	16 51 56 E	61 45,450 N	16 51,933 E	43	T	NAESVKEN	224	1	Näsviken
317	Jaervsoe	61 42 35 N	16 11 04 E	61 42,583 N	16 11,067 E	146	T	JAERVSOE	224	352	Järvsö: Church
318	Hudiksvall ESNH	61 46 09 N	17 04 39 E	61 46,150 N	17 04,650 E	21	AT	HUDES NH	225	4	Hudiksvall ESNH: Airport
319	Sunne	59 51 34 N	13 06 50 E	59 51,567 N	13 06,833 E	116	AT	SUNNE	226	280	Sunne
320	Stoellet	60 23 53 N	13 16 59 E	60 23,883 N	13 16,983 E	287	bT	STOELLET	226	295	Stöllet: Bridge
321	Malungsfors	60 43 52 N	13 33 09 E	60 43,867 N	13 33,150 E	311	T	MLNGSF RS	226	305	Malungsfors: Bridge
322	Delsbo	61 47 55 N	16 33 07 E	61 47,917 N	16 33,117 E	71	T	DELSBO	230	357	Delsbo
323	Rottnen Bro S-Sp	59 48 51 N	13 01 42 E	59 48,850 N	13 01,700 E	114	T	ROTTN-SP	230	278	Rottnen Bro S-Sp
324	Hoegboda Ka	59 34 20 N	13 03 00 E	59 34,333 N	13 03,000 E	93	T	HÄGBOAKA	231	272	Högbody Ka
325	Nistaellingen	60 43 26 N	13 26 55 E	60 43,433 N	13 26,917 E	370	T	NSTLLNGN	231	304	Niställingen
326	Ilsbo	61 51 33 N	17 02 56 E	61 51,550 N	17 02,933 E	90	T	ILSBO	235	3	Ilsbo
327	Torsby	60 09 21 N	12 59 54 E	60 09,350 N	12 59,900 E	118	AT	TORSBY	235	288	Torsby
328	Vaegsjofors	60 17 22 N	13 03 03 E	60 17,367 N	13 03,050 E	173	bT	VAGSJFRS	235	291	Vägsjöfors: Bridge
329	Aelvdalen	61 12 54 N	14 02 49 E	61 12,900 N	14 02,817 E	229	AT	AELVDALN	235	320	Alvdalen: Airfield
330	Ambjoerby	60 30 34 N	13 09 04 E	60 30,567 N	13 09,067 E	335	bT	AMBJOERB	237	297	Ambjörby: Bridge
331	Graesmark	59 56 49 N	12 55 08 E	59 56,817 N	12 55,133 E	117	T	GRAESMRK	237	282	Gräsmark: Church
332	Ljusdal	61 49 03 N	16 00 27 E	61 49,050 N	16 00,450 E	148	AT	LJUSDAL	238	350	Ljusdal: Airport
333	Goetene Flp	58 34 29 N	13 36 49 E	58 34,483 N	13 36,817 E	79	AT	GOTENEFP	240	243	Götene Flp
334	Borgvik Ka	59 20 59 N	12 57 44 E	59 20,983 N	12 57,733 E	86	T	BORGVKKA	240	266	Borgvik Ka
335	Vaermskogs Ka	59 27 20 N	12 55 13 E	59 27,333 N	12 55,217 E	81	T	G94	240	269	Värmskogs Ka: Kyrka
336	Gunnarboesjoen	61 52 00 N	16 16 35 E	61 52,000 N	16 16,583 E	157	T	GNNRBSJN	240	354	Gunnarboesjön: Lk W Point
337	Finnskoga/Backa	60 33 19 N	13 06 12 E	60 33,317 N	13 06,200 E	152	AT	FNNSKGBC	241	298	Finnskoga/Backa: Airfield, No apt freq, use 123.450
338	Mangskog Ka	59 45 07 N	12 49 37 E	59 45,117 N	12 49,617 E	223	T	MANGSGKA	242	277	Mangskog Ka
339	Lima Ka	60 56 00 N	13 21 52 E	60 56,000 N	13 21,867 E	416	T	LIMA KA	246	309	Lima Ka: Church, AAT Point
340	Soeljefflagan	59 27 03 N	12 46 30 E	59 27,050 N	12 46,500 E	95	bT	SOLJFLGN	248	269	Söljefflagan: Bridge
341	Saeffle Flp	59 05 17 N	12 57 15 E	59 05,283 N	12 57,250 E	45	AT	SAFFLEFP	248	259	Säffle Flp
342	Asen	61 16 31 N	13 49 36 E	61 16,517 N	13 49,600 E	287	T	ASEN	249	319	Asen
343	Nyskoga Ka	60 28 15 N	12 53 05 E	60 28,250 N	12 53,083 E	328	T	NYSKO GA	249	295	Nyskoga Ka

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° ' "	Longitude ° ' "	Elevation METERS	Codes*	ID	Distance Km	Bearing	Comment
344	Dalby	60 39 00 N	12 59 51 E	60 39,000 N	12 59,850 E	346	T	DALBY	250	300	Dalby: Church
345	Oestmark	60 16 46 N	12 45 56 E	60 16,767 N	12 45,933 E	118	T	OESTMARK	250	290	Ostmark: Church
346	Saeterfallet	59 51 47 N	12 39 38 E	59 51,783 N	12 39,633 E	142	T	SÅETERLET	251	279	Säterfallet
347	Faerila Airbase	61 53 55 N	15 42 09 E	61 53,917 N	15 42,150 E	206	LT	FAERLRBS	252	347	Färila Airbase: Landable, Formerly ESNF
348	Arvika	59 40 26 N	12 38 21 E	59 40,433 N	12 38,350 E	72	AT	ARVIKA	253	275	Arvika: Airport
349	Lostersjoen	61 57 12 N	15 56 30 E	61 57,200 N	15 56,500 E	215	T	LOSTRSJN	254	350	Lostersjön: Lk SW Point
350	Boviggen	60 26 20 N	12 46 44 E	60 26,333 N	12 46,733 E	427	T	BOVIGGEN	254	294	Boviggen: Lk N Point
351	Fiskarheden	61 03 57 N	13 19 50 E	61 03,950 N	13 19,833 E	367	T	FISKRHDN	256	311	Fiskarheden
352	Gunnarskog	59 48 45 N	12 34 03 E	59 48,750 N	12 34,050 E	136	T	GUNNRSKG	256	278	Gunnarskog: Church
353	Braennaas	62 02 57 N	16 14 32 E	62 02,950 N	16 14,533 E	172	T	BRAENAAS	261	354	Brännas
354	Hennan	62 01 00 N	15 54 20 E	62 01,000 N	15 54,333 E	174	T	HENNAN	261	350	Hennan: Lk S Point
355	Ny ka	59 43 03 N	12 28 28 E	59 43,050 N	12 28,467 E	77	T	NY KA	262	273	Ny ka
356	Hassela	62 06 38 N	16 42 42 E	62 06,633 N	16 42,700 E	232	T	HASSELA	264	360	Hassela: Church
357	Saelen	61 09 35 N	13 16 37 E	61 09,583 N	13 16,617 E	364	rT	SAELEN	264	313	Sälen: Intersection, AAT point
358	Klara	60 44 54 N	12 47 43 E	60 44,900 N	12 47,717 E	296	bT	KLARA	265	301	Klara: Bridge
359	Kaarboele kyrka	61 58 59 N	15 18 44 E	61 58,983 N	15 18,733 E	215	T	KARBORKA	268	344	Karböle kyrka: Church
360	Charlottenberg	59 53 04 N	12 18 01 E	59 53,067 N	12 18,017 E	140	T	CHRLTTNB	271	280	Charlottenberg: Railway Sta.
361	Eda glasbruk	59 55 18 N	12 15 44 E	59 55,300 N	12 15,733 E	131	T	EDAGLRUK	273	281	Eda glasbruk
362	Solhem	59 36 11 N	12 07 55 E	59 36,183 N	12 07,917 E	209	T	SOLHEM	282	274	Solhem
363	Ramsjoe	62 11 09 N	15 39 28 E	62 11,150 N	15 39,467 E	253	T	RAMSJOE	283	349	Ramsjö: Church
364	Saelen Scandinavian Mtns	61 09 54 N	12 50 00 E	61 09,900 N	12 50,000 E	503	AT	SLNSCNDN	284	310	Sälen Scandinavian Mtns: Airport
365	Laxarby Ka	59 01 52 N	12 19 34 E	59 01,867 N	12 19,567 E	91	T	LAXARBYK	284	260	Laxarby Ka
366	Viggesjoen	62 19 08 N	16 39 32 E	62 19,133 N	16 39,533 E	132	T	VIGGEOEN	287	360	Viggesjön
367	Skillingmark ka	59 49 04 N	12 00 51 E	59 49,067 N	12 00,850 E	145	T	SKILLRKA	287	278	Skillingmark ka: Church
368	Lillhaerdal	61 51 01 N	14 04 08 E	61 51,017 N	14 04,133 E	446	T	LILLHDAL	287	330	Lillhärdal
369	Byvallen	62 01 12 N	14 27 29 E	62 01,200 N	14 27,483 E	358	LT	BYVALLEN	291	336	Byvallen
370	Oesten N-Sp	59 39 13 N	11 55 06 E	59 39,217 N	11 55,100 E	144	T	OSTENNSP	293	274	Osten N-Sp: N tip
371	Sveg ESND	62 02 52 N	14 25 09 E	62 02,867 N	14 25,150 E	359	AT	SVEG	295	336	Sveg ESND: Sveg info 122.205
372	Oestervallskog Ka	59 38 10 N	11 51 42 E	59 38,167 N	11 51,700 E	87	T	OSTRVLLS	297	274	Ostervallskog Ka
373	Stoede	62 24 29 N	16 31 52 E	62 24,483 N	16 31,867 E	76	AT	STOEDE	298	359	Stöde: Flygplats, Prästbordet
374	Toecksfors Ka	59 30 40 N	11 49 50 E	59 30,667 N	11 49,833 E	149	T	TÄCKSSKA	300	272	Töcksfors Ka: Kyrka
375	Naeset	59 37 05 N	11 46 43 E	59 37,083 N	11 46,717 E	166	T	NÄSET	301	274	Näset
376	Saettna former airbase	62 29 06 N	16 59 24 E	62 29,100 N	16 59,400 E	248	LT	SAETTASE	305	3	Sättna former airbase: Raceway, former military airbase, möjl. uteländ
377	Rotnaeset	62 24 02 N	15 26 13 E	62 24,033 N	15 26,217 E	247	T	ROTNASET	309	348	Rotnäset
378	Leringen	62 34 34 N	16 25 58 E	62 34,567 N	16 25,967 E	231	T	LERINGEN	317	358	Leringen: Dam
379	Aange	62 33 55 N	15 50 03 E	62 33,917 N	15 50,050 E	130	AT	ANGE	321	353	Ange
380	Haernoesand/Myran	62 38 00 N	17 59 13 E	62 38,000 N	17 59,217 E	83	AT	HRNSNDR	324	12	Härnösand/Myran: Airport
381	Torringen	62 38 50 N	15 53 00 E	62 38,833 N	15 53,000 E	381	T	TORRINGN	329	353	Torringen: Lk E Point
382	Idre ESUE	61 52 11 N	12 41 23 E	61 52,183 N	12 41,383 E	450	AT	IDREESUE	338	321	Idre ESUE
383	Hedlanda ESNC	62 24 35 N	13 44 35 E	62 24,583 N	13 44,583 E	438	AT	HEDLANDA	348	334	Hedlanda ESNC
384	Braecke	62 45 51 N	15 24 35 E	62 45,850 N	15 24,583 E	346	T	BRAECKE	348	350	Bräcke: Railway X

<i>NumberName</i>	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>ElevationCodes</i> * METERS	<i>ID</i>	<i>Distance</i>	<i>Bearing</i> Km	<i>Comment</i>
385 Svenstavik flygfalt	62 46 48 N	14 24 21 E	62 46,800 N	14 24,350 E	347 LT	SENSTS	368	342	Svenstavik flygfalt
386 Optand ESNM	63 07 39 N	14 48 08 E	63 07,650 N	14 48,133 E	377 AT	OPTANSNM	396	347	Optand ESNM: Ostersund, Flygplats. Banor 18/36 afalt, 18/36 Gräs, 15/33
387 Ovike-Graeftavallen flygplats	63 02 13 N	14 00 04 E	63 02,217 N	14 00,067 E	493 LT	OVIKEATS	402	341	Ovike-Gräftavallen flygplats: ESUO
388 Stora Haerjaangsstoeten	63 01 10 N	12 35 33 E	63 01,167 N	12 35,550 E	1622 5T	HARJFJ	437	333	Stora Härjängsstöten
389 Godahopssudden	63 12 32 N	13 12 15 E	63 12,533 N	13 12,250 E	493 T	GODAHDEN	438	338	Godahopssudden
390 Ottsjoe	63 12 22 N	13 03 32 E	63 12,367 N	13 03,533 E	494 DT	OTTSJOE	441	337	Ottsjö: Winter airport
391 Oettfjaellet	63 11 20 N	12 58 50 E	63 11,333 N	12 58,833 E	1155 5T	OTTFJLET	442	336	Ottfjället: Ostertoppen
392 Aare Molanda	63 19 42 N	13 25 33 E	63 19,700 N	13 25,550 E	320 AT	AAREMND	444	340	Are Molanda: Flygplats
393 Valliste	63 16 04 N	13 08 08 E	63 16,067 N	13 08,133 E	1025 5T	VALLISTE	445	338	Valliste: Välliste
394 Kyrkstensfjaellet	63 10 06 N	12 42 44 E	63 10,100 N	12 42,733 E	1388 5T	KYRKSLET	447	335	Kyrkstensfjället
395 Hallfjallet	63 15 20 N	12 58 02 E	63 15,333 N	12 58,033 E	900 5T	HALLFLET	448	337	Hallfjället
396 Aareskutan	63 25 53 N	13 05 36 E	63 25,883 N	13 05,600 E	1420 T	ARESKTAN	462	339	Areskutan
397 Storsnasen	63 13 43 N	12 20 39 E	63 13,717 N	12 20,650 E	1461 5T	STORSSEN	463	333	Storsnasen
398 Aann	63 19 14 N	12 32 15 E	63 19,233 N	12 32,250 E	531 T	ANN	466	335	Ann
399 Kallsjoen N	63 37 00 N	13 00 00 E	63 37,000 N	13 00,000 E	384 T	KALLSOEN	482	339	Kallsjön N
400 Sundsvalen	63 38 27 N	12 46 14 E	63 38,450 N	12 46,233 E	853 T	SUNDSLEN	490	338	Sundsvalen

Codes*

- 2: Emergency landing area
- 5: Parachutes
- A: Airport
- D: Glider Airfield
- F: Finish Point
- H: Home airport
- L: Landing point
- P: Private
- Q: Castle
- S: Start Point
- T: Turnpoint
- b: Bridge
- r: Road intersection