

# Worldwide Soaring Turnpoint Exchange

## Unofficial Coordinates for the Langtora, Sweden 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.

*Printed Wednesday, 28 February 2024 at 07:54 GMT*

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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>NumberName</i>	<i>Latitude</i>	<i>Longitude</i>	<i>Latitude</i>	<i>Longitude</i>	<i>ElevationCodes</i> <sup>*</sup>	<i>ID</i>	<i>Distance</i>	<i>Bearing</i>	<i>Comment</i>
	° ' "	° ' "	° ' "	° ' "	METERS		Km		
1 <b>ESVL Laangtora</b>	59 44 50 N	17 08 42 E	59 44,833 N	17 08,700 E	15 DHFS	001ESVLL			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 Kungsgard
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 <i>Oesterunda N</i>	59 49 50 N	17 08 00 E	59 49,833 N	17 08,000 E	100 T	OSTRNDNSN	9,3	1	Osterunda N:
10 <i>Oersundsbro</i>	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 <i>Enköping vaegkors</i>	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 <i>Skolsta</i>	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 <i>Aaland</i>	59 52 40 N	17 17 15 E	59 52,667 N	17 17,250 E	49 T	ALAND	17	33	Aland: Church
15 <i>Vittinge</i>	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 Codes*	ID	Distance Km	Bearing	Comment
						METERS				
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	Flaেকেbo	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

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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	IRESJON	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

<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>METERS</i>	<i>ID</i>	<i>Distance</i> <i>Bearing</i> <i>Km</i>	<i>Comment</i>
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		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	Råka: 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



<i>NumberName</i>	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>ElevationCodes</i> * <i>METERS</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
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 Baeck 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	STOELLE T	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 Gunnarbosjoen	61 52 00 N	16 16 35 E	61 52,000 N	16 16,583 E	157 T	GNNRBSJN	240	354	Gunnarbojöen: 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 Codes*	ID	Distance Km	Bearing	Comment
						METERS				
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	NÅSET	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> <sup>*</sup> <i>METERS</i>	<i>ID</i>	<i>Distance</i>	<i>Bearing</i>	<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