

# Worldwide Soaring Turnpoint Exchange

## Unofficial Coordinates for the Schwäbisch-Hall, Germany Control Points and Landmarks

Contest: 47. Hohenloher Vergleichsfliegen 2010 (HVF 2010)

Courtesy of Stefan Bohn (webmaster@sfc-hall.de)

Dated: 19 April, 2010

Magnetic Variation: 1.6E

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

---

Sportfliegergruppe Crailsheim e.V., Hohenloher Luftsportgruppe Gerabronn e.V., Flugsportclub Odenwald Walldürn e.V. und Segelfliegerclub Schwäbisch Hall e.V. ab.

---

*Printed Thursday, 06 May 2010 at 05:35 GMT*

---

UNOFFICIAL, USE AT YOUR OWN RISK

Do not use for navigation, for flight verification only.

Always consult the relevant publications for current and correct information.

This service is provided free of charge with no warranties, expressed or implied.

User assumes all risk of use.

---

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Latitude</i> ° ' "	<i>Longitude</i> ° ' "	<i>Elevation</i> METERS	<i>Codes</i> *	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> Km	<i>Bearing</i>
1	<i>Ab1 Comburg</i>	49 06 00 N	9 45 02 E	49 06,000 N	9 45,033 E		6S		001AB1CO	3,1	231
2	<i>Ab2 Dörrenzimmern</i>	49 05 15 N	9 50 57 E	49 05,250 N	9 50,950 E		S	Golfplatz	002AB2DO	5,9	127
3	<i>Ab3 Starkholzbach</i>	49 04 58 N	9 39 52 E	49 04,967 N	9 39,867 E		S	Seemitte	003AB3ST	9,5	247
4	<i>Ab4 Waldenburg/TV</i>	49 11 05 N	9 39 58 E	49 11,083 N	9 39,967 E		6S	Sender	004AB4WA	11	313
5	<i>Ab5 Westheim</i>	49 03 22 N	9 44 00 E	49 03,367 N	9 44,000 E		S	Kirche	005AB5WE	7,8	209
6	<i>Ab6 Wolpertshausen</i>	49 10 28 N	9 51 53 E	49 10,467 N	9 51,883 E		6S	BAB-Abfahrt	006AB6WO	8,6	45
7	<i>Bad Berneck/BAB</i>	50 03 18 N	11 37 05 E	50 03,300 N	11 37,083 E		6T	BAB-Abfahrt	007BADBE	168	53
8	<i>Bad Brücknau</i>	50 16 13 N	9 49 35 E	50 16,217 N	9 49,583 E		DT		008BADBR	128	3

---

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation METERS	Codes*	Turnpoint	ID	Distance Km	Bearing
9	Bad Königshofen	50 17 14 N	10 25 10 E	50 17,233 N	10 25,167 E		DT		009BADKO	138	21
10	Bad Mergentheim	49 29 28 N	9 46 34 E	49 29,467 N	9 46,567 E		6T	Schloss	010BADME	41	1
11	Bad Rappenau/BAB	49 12 38 N	9 04 28 E	49 12,633 N	9 04,467 E		6T	BAB-Abfahrt	011BADRA	53	283
12	Bad Windsheim	49 30 40 N	10 21 57 E	49 30,667 N	10 21,950 E	370	AT		012BADWI	61	45
13	Baldern/Schloss	48 54 09 N	10 19 01 E	48 54,150 N	10 19,017 E		6T	Schloss	013BALDE	46	123
14	Bamberg/Dom	49 53 28 N	10 53 01 E	49 53,467 N	10 53,017 E		6T	Dom	014BAMBE	117	44
15	Baumerlenbach	49 13 53 N	9 24 59 E	49 13,883 N	9 24,983 E		DT		015BAUME	29	297
16	Beilngries	49 01 16 N	11 28 52 E	49 01,267 N	11 28,867 E	365	AT		016BEILN	124	96
17	Berching	49 07 50 N	11 26 39 E	49 07,833 N	11 26,650 E	390	AT		017BERCH	121	90
18	Berneck/TV	48 35 18 N	9 44 52 E	48 35,300 N	9 44,867 E		6T	Sender 3046	018BERNE	59	184
19	Beuron/Kloster	48 03 04 N	8 58 07 E	48 03,067 N	8 58,117 E		6T	Klosterkirche	019BEURO	133	209
20	Biberach	48 05 55 N	9 47 20 E	48 05,917 N	9 47,333 E		T	Kirche	020BIBRA	113	181
21	Biebelried/BAB	49 46 45 N	10 05 31 E	49 46,750 N	10 05,517 E		6T	BAB-Abfahrt	021BIEBL	77	18
22	Bischofsheim-Rhön	50 23 46 N	10 01 18 E	50 23,767 N	10 01,300 E		T	Campingplatz	022BISCH	143	8
23	Blessberg/TV	50 26 48 N	11 00 16 E	50 26,800 N	11 00,267 E		6T	Sender	023BLESS	172	32
24	Bruchsal	49 07 26 N	8 35 18 E	49 07,433 N	8 35,300 E		T	Bahnhof	024BRUCH	87	272
25	Burgberg	49 07 15 N	9 58 33 E	49 07,250 N	9 58,550 E		T	Turm	025BURBG	14	90
26	Burgbernheim	49 27 03 N	10 16 28 E	49 27,050 N	10 16,467 E		6T	DB-Gabel	026BURBH	51	45
27	Burgheim	48 41 30 N	11 02 00 E	48 41,500 N	11 02,000 E	408	AT		027BURGH	103	119
28	Burgoberbach	49 14 14 N	10 35 36 E	49 14,233 N	10 35,600 E		T	Kirche	028BURGO	60	79
29	Coburg Brandensteinsebene	50 15 55 N	10 59 44 E	50 15,917 N	10 59,733 E	449	AT		029COBUR	154	36
30	Colmberg	49 21 38 N	10 24 30 E	49 21,633 N	10 24,500 E		6T	Schloss	030COLMB	53	61
31	Dinkelsbühl	49 04 12 N	10 19 14 E	49 04,200 N	10 19,233 E		T	Kirche	031DINKE	39	99
32	Donaustauf	49 01 53 N	12 13 26 E	49 01,883 N	12 13,433 E		6T	Walhalla	032DONST	178	94
33	Donauwörth	48 42 51 N	10 46 18 E	48 42,850 N	10 46,300 E		T	Bahnhof	033DONWT	85	123
34	Donzdorf	48 40 37 N	9 50 52 E	48 40,617 N	9 50,867 E	690	AT		034DONZD	49	176
35	Eberbach	49 28 00 N	8 58 55 E	49 28,000 N	8 58,917 E		6T	DB-Gabel	035EBERB	70	306
36	Ebern-Sendelbach	50 02 27 N	10 49 10 E	50 02,450 N	10 49,167 E	253	AT		036EBERN	127	37
37	Ebrach/Kloster	49 50 51 N	10 29 43 E	49 50,850 N	10 29,717 E		6T	Klosterkirche	037EBRAC	96	34
38	Eichstätt	48 52 42 N	11 10 46 E	48 52,700 N	11 10,767 E	524	AT		038EICHS	105	106
39	Ellwangen/Kloster	48 58 19 N	10 08 41 E	48 58,317 N	10 08,683 E		6T	Klosterkirche	039ELLWA	31	123
40	Erbach	48 20 32 N	9 54 50 E	48 20,533 N	9 54,833 E	476	AT		040ERBAC	87	175
41	Etting-Adlmanns	48 48 36 N	11 25 32 E	48 48,600 N	11 25,533 E		DT		041ETTIN	125	107
42	Falkenstein	49 05 59 N	12 29 03 E	49 05,983 N	12 29,050 E		6T	Burgruine	042FALKE	197	92
43	Feuchtwangen	49 12 11 N	10 14 02 E	49 12,183 N	10 14,033 E		6T	BAB-Kreuz	043FEUCH	34	75
44	Fürstenberg/TV	47 53 17 N	8 34 36 E	47 53,283 N	8 34,600 E		6T	Sender	044FUERS	163	215
45	Gammertingen	48 15 01 N	9 13 03 E	48 15,017 N	9 13,050 E		T	Bahnhof	045GAMME	105	205
46	Gemünden	50 03 31 N	9 40 55 E	50 03,517 N	9 40,917 E		6T	DB-Gabel	046GEMUE	105	358
47	Giengen	48 38 09 N	10 12 52 E	48 38,150 N	10 12,867 E	518	AT		047GIENG	62	151
48	Gramschatzer/TV	49 54 04 N	9 59 10 E	49 54,067 N	9 59,167 E		6T	Sender 1545	048GRAMS	88	11
49	Greding	49 03 45 N	11 17 04 E	49 03,750 N	11 17,067 E		DT		049GREDI	109	94

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation METERS	Codes*	Turnpoint	ID	Distance Km	Bearing
50	Gundelfingen	48 34 05 N	10 21 48 E	48 34,083 N	10 21,800 E	440	AT		050GUNDF	74	147
51	Gundelsheim	49 17 13 N	9 09 24 E	49 17,217 N	9 09,400 E		6T	Schloss	051GUNDH	49	294
52	Gunzenhausen	49 06 44 N	10 46 52 E	49 06,733 N	10 46,867 E	485	AT		052GUNZE	73	92
53	Hagerwaldsee	48 53 32 N	9 41 39 E	48 53,533 N	9 41,650 E		T	Seeufer West	053HAGER	26	196
54	Harburg/TV	48 47 08 N	10 40 06 E	48 47,133 N	10 40,100 E		6T	Sender 2547	054HARBU	74	121
55	Hafurt	50 01 03 N	10 31 34 E	50 01,050 N	10 31,567 E	220	AT		055HASSF	113	29
56	Heelberg/TV	49 04 07 N	10 31 32 E	49 04,117 N	10 31,533 E		6T	Sender 2632	056HESSE	54	97
57	Heubach/TV	48 47 09 N	9 57 14 E	48 47,150 N	9 57,233 E		6T	Sender 2898	057HEUBA	39	163
58	Hollfeld	49 56 18 N	11 17 24 E	49 56,300 N	11 17,400 E		T	Kirche	058HOLLF	142	51
59	Horb	48 26 30 N	8 41 19 E	48 26,500 N	8 41,317 E		T	Bahnhof	059HORBB	110	229
60	Ippesheim	49 36 37 N	10 13 23 E	49 36,617 N	10 13,383 E		AT		060IPPES	63	32
61	Karlstadt	49 57 18 N	9 46 07 E	49 57,300 N	9 46,117 E		6T	Zementwerk	061KARLS	93	1
62	Kelheim	48 55 07 N	11 51 37 E	48 55,117 N	11 51,617 E		T	Befreiungshalle	062KELHE	153	99
63	Klippeneck/Hotel	48 06 22 N	8 45 16 E	48 06,367 N	8 45,267 E		T	Hotel	063KLIPP	136	216
64	Krehberg/TV	49 41 03 N	8 43 51 E	49 41,050 N	8 43,850 E		6T	Sender 2284	064KREHB	99	312
65	Kronach	50 14 30 N	11 21 45 E	50 14,500 N	11 21,750 E		DT		065KRONA	169	43
66	Künzelsau	49 16 44 N	9 42 00 E	49 16,733 N	9 42,000 E		T	Stadion	066KUENZ	19	343
67	Kulmbach	50 08 03 N	11 27 53 E	50 08,050 N	11 27,883 E	506	AT		067KULMB	166	48
68	Laichingen	48 29 49 N	9 38 12 E	48 29,817 N	9 38,200 E	746	AT		068LAICH	70	190
69	Langenbrand/TV	48 48 28 N	8 37 27 E	48 48,467 N	8 37,450 E		6T	Sender 2803	069LANBD	91	250
70	Langenburg/TV	49 15 51 N	9 52 25 E	49 15,850 N	9 52,417 E		6T	Sender 2175	070LANBU	17	24
71	Lauffen Am Neckar	49 04 38 N	9 09 43 E	49 04,633 N	9 09,717 E		6T	Zementwerk	071LAUFF	45	266
72	Lichtenfels	50 08 58 N	11 02 55 E	50 08,967 N	11 02,917 E	259	AT		072LICHT	146	40
73	Löwenstein	49 05 35 N	9 22 59 E	49 05,583 N	9 22,983 E		6T	BURG	073LOEWE	29	266
74	Mannheim-City	49 28 25 N	8 31 00 E	49 28,417 N	8 31,000 E	95	AT		074MANNH	100	295
75	Maulbronn/Kloster	49 00 04 N	8 48 46 E	49 00,067 N	8 48,767 E		6T	Klosterkirche	075MAULB	72	262
76	Michelstadt	49 40 41 N	8 58 25 E	49 40,683 N	8 58,417 E	349	AT		076MICHE	85	319
77	Miltenberg/TV	49 41 02 N	9 16 20 E	49 41,033 N	9 16,333 E		6T	Sender	077MILTE	73	331
78	Mindelheim	48 06 38 N	10 31 26 E	48 06,633 N	10 31,433 E	567	AT		078MINDE	125	155
79	Möckmühl	49 18 56 N	9 24 30 E	49 18,933 N	9 24,500 E		6T	BAB Jagstbrücke	079MOECK	35	311
80	Monheim	48 50 31 N	10 51 07 E	48 50,517 N	10 51,117 E		T	Bahnhof	080MONHE	84	113
81	Mudau/Doppelsender	49 33 37 N	9 10 37 E	49 33,617 N	9 10,617 E		6T	Sender 2872	081MUDAU	66	320
82	Murrhardt	48 58 56 N	9 34 41 E	48 58,933 N	9 34,683 E		T	Bahnhof	082MURRH	21	226
83	Nabburg/BAB	49 27 13 N	12 11 38 E	49 27,217 N	12 11,633 E		6T	BAB-Abfahrt	083NABBU	179	79
84	Nagold/Stausee	48 33 45 N	8 30 04 E	48 33,750 N	8 30,067 E		6T	Staumauer	084NAGOL	112	239
85	Neresheim	48 45 20 N	10 20 36 E	48 45,333 N	10 20,600 E		6T	Klosterkirche	085NERES	57	136
86	Neubauer Weiher	49 14 14 N	12 25 22 E	49 14,233 N	12 25,367 E		T	Weiher	086NEUBA	192	87
87	Neuburg-Egweil	48 46 56 N	11 13 03 E	48 46,933 N	11 13,050 E	412	AT		087NEUBU	111	111
88	Neustadt-Aisch	49 35 16 N	10 34 39 E	49 35,267 N	10 34,650 E	363	AT		088NEUST	78	49
89	Nittendorf/BAB	49 01 40 N	11 57 11 E	49 01,667 N	11 57,183 E		6T	BAB-Abfahrt	089NITTE	158	94
90	Nördlingen	48 52 12 N	10 30 22 E	48 52,200 N	10 30,367 E	421	AT		090NOERD	60	119

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation METERS	Codes*	Turnpoint	ID	Distance Km	Bearing
91	Oberndorf	48 17 47 N	8 34 32 E	48 17,783 N	8 34,533 E		T	Bahnhof	091OBERN	127	226
92	Osterburken/BAB	49 24 29 N	9 28 23 E	49 24,483 N	9 28,383 E		6T	BAB-Abfahrt	092OSTER	39	327
93	Pleinfeld	49 06 27 N	10 58 44 E	49 06,450 N	10 58,733 E		T	Bahnhof	093PLEIN	87	92
94	Plettenberg	48 13 04 N	8 48 53 E	48 13,067 N	8 48,883 E		6T	Sender 3760	094PLETT	123	217
95	Rauhe Wanne/TV	48 45 57 N	10 30 24 E	48 45,950 N	10 30,400 E		6T	Sender 2377	095RAUHE	66	128
96	Regensburg	49 08 30 N	12 04 56 E	49 08,500 N	12 04,933 E	396	AT		096REGEN	167	90
97	Reichenburg	48 59 29 N	9 27 37 E	48 59,483 N	9 27,617 E		6T	Burg	097REICH	27	241
98	Riedenburg	48 57 38 N	11 40 49 E	48 57,633 N	11 40,817 E		6T	Schloss	098RIEDE	139	98
99	Rosenthal	49 51 47 N	11 47 17 E	49 51,783 N	11 47,283 E	457	AT		099ROSEN	167	61
100	Rothenburg	49 22 41 N	10 10 40 E	49 22,683 N	10 10,667 E		T	Stadtkirche	100ROTHE	41	46
101	Roth-Kiliansdorf	49 13 03 N	11 06 02 E	49 13,050 N	11 06,033 E	387	AT		101ROTHK	96	85
102	Schäfhalde	48 41 40 N	10 06 01 E	48 41,667 N	10 06,017 E		DT		102SCHAE	53	155
103	Schelklingen	48 21 52 N	9 43 23 E	48 21,867 N	9 43,383 E		6T	DB-Gabel	103SCHEL	84	185
104	Schlüsselfeld/BAB	49 44 38 N	10 37 56 E	49 44,633 N	10 37,933 E		6T	BAB-Abfahrt	104SCHLU	93	43
105	Schrozberg	49 20 50 N	9 58 31 E	49 20,833 N	9 58,517 E		6T	Silo	105SCHRO	29	30
106	Schwäbisch Gmünd	48 48 03 N	9 47 17 E	48 48,050 N	9 47,283 E		T	Bahnhof	106SCHWG	35	181
107	<b>Schwäbisch Hall</b>	49 07 06 N	9 47 00 E	49 07,100 N	9 47,000 E	399	HAT		107SCHWH		
108	Schwandorf	49 20 24 N	12 11 06 E	49 20,400 N	12 11,100 E	387	AT		108SCHWD	176	83
109	Schweinfurt	50 00 40 N	10 14 40 E	50 00,667 N	10 14,667 E	210	AT		109SCHWF	105	20
110	Schwenningen	48 03 57 N	8 34 00 E	48 03,950 N	8 34,000 E	667	AT		110SCHWE	147	219
111	Siedelsbrunn/TV	49 32 25 N	8 48 12 E	49 32,417 N	8 48,200 E		6T	Sender 2394	111SIEDE	85	305
112	Sigmaringen	48 05 16 N	9 12 58 E	48 05,267 N	9 12,967 E		6T	Schloss	112SIGMA	122	202
113	Sinsheim-West/BAB	49 14 55 N	8 51 26 E	49 14,917 N	8 51,433 E		6T	BAB-Abfahrt	113SINSH	69	284
114	Steinau	50 18 52 N	9 26 36 E	50 18,867 N	9 26,600 E		T	Bahnhof	114STEIN	135	351
115	Streifelesberg	49 06 52 N	9 41 03 E	49 06,867 N	9 41,050 E		5T	Gipfel	115STREI	7,2	268
116	Suhl-Goldlauter	50 38 01 N	10 43 38 E	50 38,017 N	10 43,633 E	588	AT		116SUHLG	182	23
117	Sulzbach/Murr/TV	49 02 14 N	9 33 04 E	49 02,233 N	9 33,067 E		6T	Sender	117SULZB	19	244
118	Tannheim	48 00 31 N	10 06 13 E	48 00,517 N	10 06,217 E	561	AT		118TANNH	126	171
119	Tauberbischofsheim	49 37 25 N	9 39 30 E	49 37,417 N	9 39,500 E		T	Bahnhof	119TAUBE	57	352
120	Tischenreuth	49 52 27 N	12 19 41 E	49 52,450 N	12 19,683 E		DT		120TISCH	202	66
121	Titisee-Ort	47 54 10 N	8 09 18 E	47 54,167 N	8 09,300 E		T	Bahnhof	121TITIS	181	224
122	Treuchtlingen	48 57 38 N	10 54 31 E	48 57,633 N	10 54,517 E		T	Bahnhof	122TREUC	84	103
123	Tröstau	50 01 09 N	11 55 58 E	50 01,150 N	11 55,967 E		DT		123TROES	185	58
124	Tuttlingen	47 58 49 N	8 47 57 E	47 58,817 N	8 47,950 E		T	Bahnhof	124TUTTLL	146	212
125	Ubersberg	48 27 26 N	9 17 19 E	48 27,433 N	9 17,317 E		DT		125UEBER	82	208
126	Ulm-West/BAB	48 27 22 N	9 57 42 E	48 27,367 N	9 57,700 E		6T	BAB-Abfahrt	126ULMWE	75	171
127	Untergröningen	48 55 09 N	9 53 23 E	48 55,150 N	9 53,383 E		T	Bahnhof	127UNTER	23	162
128	Völkleshofen	49 00 35 N	9 21 17 E	49 00,583 N	9 21,283 E		DT		128VOELK	33	251
129	Vohenstrauss	49 37 46 N	12 20 02 E	49 37,767 N	12 20,033 E		6T	Porzellanfabrik	129VOHEN	193	74
130	Wächtersberg	48 36 55 N	8 45 18 E	48 36,917 N	8 45,300 E		DT		130WAECH	94	235
131	Walldorf/BAB	49 16 54 N	8 37 20 E	49 16,900 N	8 37,333 E		6T	BAB-Kreuz	131WALDO	86	284

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , ' "	<i>Longitude</i> ° , ' "	<i>Latitude</i> ° , ' "	<i>Longitude</i> ° , ' "	<i>Elevation</i> <i>METERS</i>	<i>Codes</i> *	<i>Turnpoint</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
132	Walldürn	49 34 44 N	9 23 48 E	49 34,733 N	9 23,800 E	402	AT		132WALDU	58	333
133	Waeralfingen/TV	48 51 39 N	10 08 14 E	48 51,650 N	10 08,233 E		6T	Sender 2894	133WASSE	39	139
134	Weiden	49 40 47 N	12 07 01 E	49 40,783 N	12 07,017 E	405	AT		134WEIDE	180	70
135	Weikersheim	49 28 51 N	9 53 48 E	49 28,850 N	9 53,800 E		6T	Schloss	135WEIKE	41	13
136	Weipertshofen	49 05 10 N	10 07 39 E	49 05,167 N	10 07,650 E		DT		136WEIPE	25	100
137	Weissenhorn	48 17 22 N	10 08 13 E	48 17,367 N	10 08,217 E	500	AT		137WEISS	96	166
138	Wemding	48 52 29 N	10 43 29 E	48 52,483 N	10 43,483 E		T	Kirche	138WEMDI	74	113
139	Wertheim	49 45 50 N	9 30 53 E	49 45,833 N	9 30,883 E		6T	Taubermündung	139WERTH	74	347
140	Wiesentheid/BAB	49 46 30 N	10 20 47 E	49 46,500 N	10 20,783 E		6T	BAB-Abfahrt	140WIESE	84	31
141	Windsbach	49 14 59 N	10 49 34 E	49 14,983 N	10 49,567 E		T	Bahnhof	141WINDS	77	80
142	Winzeln-Schramberg	48 16 50 N	8 25 43 E	48 16,833 N	8 25,717 E	670	AT		142WINZE	136	229
143	Würzburg/West	49 44 51 N	9 49 05 E	49 44,850 N	9 49,083 E		6T	BAB-Gabel	143WUERZ	70	4
144	Zell-Haidberg	50 08 14 N	11 48 01 E	50 08,233 N	11 48,017 E	583	AT		144ZELLH	184	53
145	Ziellinie/Ost	49 06 28 N	9 48 03 E	49 06,467 N	9 48,050 E		6F	DB-Brücke	145ZIELO	1,7	134
146	Ziellinie/West	49 06 38 N	9 45 11 E	49 06,633 N	9 45,183 E		6F	Schwimmbad	146ZIELW	2,4	250
147	Zwiefalten	48 13 57 N	9 27 42 E	48 13,950 N	9 27,700 E		6T	Klosterkirche	147ZWIEF	101	195

**Codes\***

- 5: Parachutes
- 6: Unknown
- A: Airport
- D: Glider Airfield
- F: Finish Point
- H: Home airport
- S: Start Point
- T: Turnpoint