

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Freiburg, Germany Control Points

Contest: 34. Internationalen Freiburger Segelflugwoche
 Courtesy of : Akademische Fliegergruppe Freiburg (ifsw@akaflieg-freiburg.de)

Dated: 30 April, 2004
 Magnetic Variation: .7
 Time zone: MET, summer offset from GMT is 2:00 and in winter it is 1:00.

Akademische Fliegergruppe Freiburg i. Br. e.V.

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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>Meters</i>	<i>Codes</i> *	<i>Description</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	Achern	48 37 57 N	8 04 10 E	48 37,950 N	8 04,167 E	142	T		70	14
2	Albstadt	48 15 02 N	9 03 41 E	48 15,033 N	9 03,683 E	890	TA		94	74
3	Altdorf	48 16 15 N	7 50 35 E	48 16,250 N	7 50,583 E	202	TA		28	1
4	Baden-Baden	48 45 55 N	8 16 54 E	48 45,917 N	8 16,900 E	496	T	Turn	89	22
5	Bad Mergentheim	49 29 32 N	9 46 38 E	49 29,533 N	9 46,633 E	226	T		217	41

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	Description	Distance Km	Bearing
6	Bartholomä Amalienhof	48 44 16 N	10 00 32 E	48 44,267 N	10 00,533 E	637	TA		179	63
7	Belchen	47 49 15 N	7 50 13 E	47 49,250 N	7 50,217 E	1306	T		22	182
8	Belchentunnel	47 21 27 N	7 50 00 E	47 21,450 N	7 50,000 E	757	T		73	181
9	Berneck	48 36 30 N	8 37 05 E	48 36,500 N	8 37,083 E	563	T	Schloß	87	42
10	Berneck TV	48 35 20 N	9 44 56 E	48 35,333 N	9 44,933 E	751	T		155	66
11	Beuron	48 03 06 N	8 58 11 E	48 03,100 N	8 58,183 E	670	T	Kloster Kirche	84	88
12	Biberach	48 06 43 N	9 45 50 E	48 06,717 N	9 45,833 E	583	TA		143	86
13	Biel	47 07 35 N	7 14 48 E	47 07,583 N	7 14,800 E	435	T	BHF	109	205
14	Blauen	47 47 15 N	7 44 46 E	47 47,250 N	7 44,767 E	1067	T		27	197
15	Blaubeuren	48 25 13 N	9 47 54 E	48 25,217 N	9 47,900 E	661	TA		152	73
16	Blumberg	47 50 45 N	8 34 00 E	47 50,750 N	8 34,000 E	718	TA		57	110
17	Brandenkopf	48 20 23 N	8 09 20 E	48 20,383 N	8 09,333 E	826	T		43	33
18	Breiten	49 02 16 N	8 41 39 E	49 02,267 N	8 41,650 E	181	T	BHF	130	29
19	Bruchsal	49 07 39 N	8 36 12 E	49 07,650 N	8 36,200 E	136	T	S	136	25
20	Chasseral	47 08 06 N	7 03 34 E	47 08,100 N	7 03,567 E	1500	T		114	212
21	EDTF	48 01 03 N	7 50 35 E	48 01,050 N	7 50,583 E	245	HSFTA	118.250		
22	Elzach	48 10 16 N	8 04 20 E	48 10,267 N	8 04,333 E	380	T	BHF	24	46
23	Ermingen	48 23 29 N	9 53 51 E	48 23,483 N	9 53,850 E	626	T	S	158	75
24	Farrenberg	48 23 13 N	9 04 40 E	48 23,217 N	9 04,667 E	763	TA		100	66
25	Feldberg	47 52 19 N	8 00 29 E	47 52,317 N	8 00,483 E	1400	T		20	143
26	Freudenstadt	48 27 48 N	8 24 45 E	48 27,800 N	8 24,750 E	734	T		65	41
27	Gammertingen	48 14 54 N	9 13 16 E	48 14,900 N	9 13,267 E	680	T		105	76
28	Geisingen	47 55 30 N	8 39 30 E	47 55,500 N	8 39,500 E	711	T		62	100
29	Gengenbach	48 24 35 N	8 00 30 E	48 24,583 N	8 00,500 E	181	T		45	16
30	Glems	48 29 55 N	9 18 00 E	48 29,917 N	9 18,000 E	624	T	Spei	120	64
31	Gutach	47 54 34 N	8 14 02 E	47 54,567 N	8 14,033 E	870	T	Bru	31	113
32	Harburg	48 46 45 N	10 42 02 E	48 46,750 N	10 42,033 E	431	T	Ze	227	68
33	Hayingen	48 17 08 N	9 28 00 E	48 17,133 N	9 28,000 E	698	TA		124	76
34	Herten	47 33 35 N	7 44 45 E	47 33,583 N	7 44,750 E	279	TA		51	189
35	Hohenzollern	48 19 27 N	8 58 10 E	48 19,450 N	8 58,167 E	679	T	Erg	90	68
36	Horb	48 26 31 N	8 46 32 E	48 26,517 N	8 46,533 E	431	T	BAB	84	56
37	Hornbergbecken	47 39 40 N	7 57 30 E	47 39,667 N	7 57,500 E	977	T		41	168
38	Hornisgrunde	48 36 38 N	8 12 10 E	48 36,633 N	8 12,167 E	1081	T		71	23
39	Kaysersthal	48 04 58 N	7 40 21 E	48 04,967 N	7 40,350 E	325	S	AP4 Kaiser	15	301
40	Karlsruhe	48 58 22 N	8 26 45 E	48 58,367 N	8 26,750 E	129	T		115	23
41	Klippeneck	48 06 26 N	8 45 20 E	48 06,433 N	8 45,333 E	914	TA		69	82
42	Läufelfin	47 22 50 N	7 54 04 E	47 22,833 N	7 54,067 E	752	T		71	177
43	Langenbrand	48 48 32 N	8 37 32 E	48 48,533 N	8 37,533 E	691	TA		105	34
44	Mainbullau	49 41 43 N	9 11 05 E	49 41,717 N	9 11,083 E	436	TA		211	28
45	Mengen	48 03 17 N	9 22 26 E	48 03,283 N	9 22,433 E	550	TA		114	88

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	Description	Distance Km	Bearing
46	Mergelstetten	48 39 00 N	10 09 50 E	48 39,000 N	10 09,833 E	488	T		185	68
47	Michelstadt	49 40 45 N	8 58 25 E	49 40,750 N	8 58,417 E	320	TA		202	24
48	Mosbach-Lohrbach	49 24 02 N	9 07 28 E	49 24,033 N	9 07,467 E	314	TA		180	32
49	Motiers	46 55 04 N	6 36 57 E	46 55,067 N	6 36,950 E	757	TA		153	218
50	Mudau	49 33 40 N	9 10 46 E	49 33,667 N	9 10,767 E	507	T		198	30
51	Musbach	48 30 21 N	8 28 43 E	48 30,350 N	8 28,717 E	693	TA		72	41
52	Neresheim	48 45 24 N	10 20 40 E	48 45,400 N	10 20,667 E	558	T		202	66
53	Oberkirch	48 31 52 N	8 04 47 E	48 31,867 N	8 04,783 E	195	T		60	18
54	Obermarchtal	48 14 15 N	9 34 50 E	48 14,250 N	9 34,833 E	532	T		131	79
55	Offenburg	48 26 54 N	7 55 27 E	48 26,900 N	7 55,450 E	153	TA		48	8
56	Ottenhofen	48 34 11 N	8 08 56 E	48 34,183 N	8 08,933 E	373	T		65	21
57	Pfullendorf	47 54 34 N	9 15 10 E	47 54,567 N	9 15,167 E	689	TA		106	97
58	Plettenberg	48 13 06 N	8 48 53 E	48 13,100 N	8 48,883 E	886	T		76	73
59	Rauhe Wanne	48 46 07 N	10 30 29 E	48 46,117 N	10 30,483 E	558	T		214	67
60	Reiselfingen	47 51 07 N	8 22 03 E	47 51,117 N	8 22,050 E	750	TA		43	116
61	Riedlingen	48 08 43 N	9 28 05 E	48 08,717 N	9 28,083 E	528	TA		122	83
62	Rosskopf	48 00 45 N	7 54 12 E	48 00,750 N	7 54,200 E	661	S	API	4,5	98
63	Rottweil	48 11 15 N	8 43 20 E	48 11,250 N	8 43,333 E	726	TA		68	74
64	Schluchsee	47 48 05 N	8 11 06 E	47 48,083 N	8 11,100 E	960	T		35	134
65	Schwann Connweil	48 50 18 N	8 32 29 E	48 50,300 N	8 32,483 E	469	TA		105	30
66	Schwenningen	48 04 00 N	8 34 20 E	48 04,000 N	8 34,333 E	670	TA		54	85
67	Sigmaringen	48 04 44 N	9 13 08 E	48 04,733 N	9 13,133 E	622	T		102	86
68	St. Peter	48 01 01 N	8 02 01 E	48 01,017 N	8 02,017 E	730	S	AP2 Kloster	14	91
69	Staufen	47 52 58 N	7 45 09 E	47 52,967 N	7 45,150 E	500	T	Bu	16	205
70	St Blasien	47 45 39 N	8 07 54 E	47 45,650 N	8 07,900 E	850	T		36	144
71	St. Croix	46 49 15 N	6 29 50 E	46 49,250 N	6 29,833 E	1096	T		167	218
72	St Georgen	48 07 29 N	8 20 34 E	48 07,483 N	8 20,567 E	850	T		39	73
73	Tannheim	48 00 42 N	10 06 07 E	48 00,700 N	10 06,117 E	577	TA		168	91
74	Tuttlingen	47 58 52 N	8 48 00 E	47 58,867 N	8 48,000 E	670	T		71	94
75	Vallorbe	46 43 16 N	6 22 03 E	46 43,267 N	6 22,050 E	1214	T		182	219
76	Vue des Alpes	47 04 00 N	6 53 00 E	47 04,000 N	6 53,000 E	1176	T		128	215
77	Walldorf	49 16 55 N	8 37 17 E	49 16,917 N	8 37,283 E	105	T		152	23
78	Wasseralfingen	48 51 41 N	10 08 20 E	48 51,683 N	10 08,333 E	702	T		194	61
79	Weißenstein	47 15 13 N	7 30 48 E	47 15,217 N	7 30,800 E	1237	T		88	197
80	Wemding	48 52 38 N	10 43 36 E	48 52,633 N	10 43,600 E	480	T		233	65
81	Winzeln Schramberg	48 16 48 N	8 25 44 E	48 16,800 N	8 25,733 E	680	TA		52	57
82	Zell im Wiesenthal	47 42 23 N	7 51 01 E	47 42,383 N	7 51,017 E	508	T		35	180
83	Zwiefalten	48 14 00 N	9 27 46 E	48 14,000 N	9 27,767 E	572	T		123	79

Codes*

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