

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Marpingen, Germany Control Points and Landmarks

Contest: Deutsche Segelflug-Meisterschaft 2019 15m-/18m-Klasse
Courtesy of Aero-Club Saar (wettbewerb@aeroclub-saar.de)

Dated: 18 July 2019

Magnetic Variation: 0.8E

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

Version 2019 Release 2 - filenames end in 9.

Printed Friday, 19 July 2019 at 05:22 GMT

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<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
1	AP1 Marpingen	49 27 10 N	7 02 22 E	49 27,167 N	7 02,367 E	360	DS	001AP1		
2	AP2 Eppelborn	49 25 08 N	6 59 14 E	49 25,133 N	6 59,233 E	363	S	002AP2	5,3	226
3	AP3 St. Wendel	49 28 05 N	7 10 11 E	49 28,083 N	7 10,183 E	284	S	003AP3	9,6	81
4	AP4 Schaumberg	49 29 17 N	7 02 03 E	49 29,283 N	7 02,050 E	508	S	004AP4	3,9	355
5	Zielkreis	49 27 10 N	7 02 22 E	49 27,167 N	7 02,367 E	360	HFD	005 ZK		
7	Nalbach	49 23 03 N	6 46 23 E	49 23,050 N	6 46,383 E	240	T	007NALB	21	249
8	Saarlouis	49 18 18 N	6 44 21 E	49 18,300 N	6 44,350 E	216	T	008SAAR	27	234
9	Merzig	49 26 20 N	6 37 20 E	49 26,333 N	6 37,333 E	169	T	009MERZ	30	268
10	Mettlach	49 30 06 N	6 36 26 E	49 30,100 N	6 36,433 E	271	T	010METT	32	281
11	Kell	49 35 55 N	6 49 26 E	49 35,917 N	6 49,433 E	698	T	011KELL	22	317

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12	Saarburg	49 37 45 N	6 36 52 E	49 37,750 N	6 36,867 E	482	T	012SARB	36	304
13	Nonnweiler	49 37 02 N	6 58 42 E	49 37,033 N	6 58,700 E	494	T	013NONN	19	347
14	Kusel-Langnbach	49 28 46 N	7 18 28 E	49 28,767 N	7 18,467 E	438	DT	014KUSE	20	82
15	Waldmoor	49 22 26 N	7 21 53 E	49 22,433 N	7 21,883 E	252	T	015WALD	25	111
16	Waldfischbach	49 17 13 N	7 39 42 E	49 17,217 N	7 39,700 E	281	T	016WALD	49	113
17	Pirmasens	49 08 41 N	7 35 07 E	49 08,683 N	7 35,117 E	425	T	017FIRM	52	131
18	Bundenthal	49 05 36 N	7 47 29 E	49 05,600 N	7 47,483 E	285	DT	018BUND	68	127
19	Bad Bergzabern	49 07 47 N	7 59 59 E	49 07,783 N	7 59,983 E	442	T	019BADB	78	118
20	Neustadt	49 22 39 N	8 07 15 E	49 22,650 N	8 07,250 E	545	T	020NEUS	79	96
21	Bad Dürkheim	49 27 44 N	8 07 56 E	49 27,733 N	8 07,933 E	121	T	021BADD	79	90
22	Grünstadt	49 33 18 N	8 10 56 E	49 33,300 N	8 10,933 E	163	T	022GRUE	83	83
23	Donnersberg	49 37 35 N	7 54 57 E	49 37,583 N	7 54,950 E	661	T	023DONN	66	73
24	Eweiler	49 33 44 N	7 32 30 E	49 33,733 N	7 32,500 E	510	T	024ESSW	38	72
25	Sembach	49 30 27 N	7 51 54 E	49 30,450 N	7 51,900 E	315	AT	025SEMB	60	85
26	Kirchheim-Bollanden	49 40 20 N	8 01 43 E	49 40,333 N	8 01,717 E	235	T	026KIBO	75	72
27	Lauterecken	49 39 13 N	7 35 10 E	49 39,217 N	7 35,167 E	226	T	027LAUT	45	61
28	Obermoschel	49 44 21 N	7 48 40 E	49 44,350 N	7 48,667 E	205	T	028OBER	64	61
29	Bad Sobernheim	49 47 26 N	7 39 52 E	49 47,433 N	7 39,867 E	247	AT	029BADS	59	51
30	Kirn	49 47 16 N	7 27 26 E	49 47,267 N	7 27,433 E	196	T	030KIRN	48	40
31	Pferdsfeld	49 51 18 N	7 36 15 E	49 51,300 N	7 36,250 E	386	AT	031PFER	60	43
32	Rheinboellen	50 00 09 N	7 41 29 E	50 00,150 N	7 41,483 E	391	T	032RHEI	77	38
33	Lorch	50 02 56 N	7 48 16 E	50 02,933 N	7 48,267 E	95	T	033LORC	86	40
34	Oberwesel	50 06 22 N	7 43 22 E	50 06,367 N	7 43,367 E	154	T	034OBER	88	35
35	Gemünden	49 53 52 N	7 28 43 E	49 53,867 N	7 28,717 E	294	T	035GEMU	59	33
36	Idar Oberstein	49 43 15 N	7 17 42 E	49 43,250 N	7 17,700 E	336	T	036IDAR	35	32
37	Baumholder	49 39 05 N	7 18 22 E	49 39,083 N	7 18,367 E	434	AT	037BAUM	29	42
38	Hoppstätten	49 36 42 N	7 11 03 E	49 36,700 N	7 11,050 E	333	AT	038HOPP	21	31
39	Trier	49 45 18 N	6 39 44 E	49 45,300 N	6 39,733 E	248	T	039TRIE	43	322
40	Schweich	49 49 35 N	6 44 34 E	49 49,583 N	6 44,567 E	139	T	040SCHW	47	334
41	Neumagen-Drohn	49 50 34 N	6 54 55 E	49 50,567 N	6 54,917 E	268	AT	041NEUM	44	349
42	Wittlich	49 59 00 N	6 54 47 E	49 59,000 N	6 54,783 E	177	T	042WITT	60	352
43	Klotten	50 10 21 N	7 11 11 E	50 10,350 N	7 11,183 E	326	T	043KLOT	81	8
44	Daun	50 10 49 N	6 51 38 E	50 10,817 N	6 51,633 E	485	DT	044DAUM	82	352
45	Bittburg	49 58 40 N	6 28 00 E	49 58,667 N	6 28,000 E	314	T	045BITT	71	326
46	Utscheid	49 59 46 N	6 20 31 E	49 59,767 N	6 20,517 E	424	DT	046UTISC	79	321
47	Bleialf	50 12 19 N	6 14 56 E	50 12,317 N	6 14,933 E	516	T	047BLEI	101	327
48	Schnee Eifel	50 15 16 N	6 21 31 E	50 15,267 N	6 21,517 E	696	T	048SCHN	102	332
49	Gerolstein	50 13 13 N	6 38 19 E	50 13,217 N	6 38,317 E	360	T	049GERO	90	342
50	Hohe Acht	50 23 11 N	7 00 22 E	50 23,183 N	7 00,367 E	684	5T	050HOHE	104	359
51	Stadtkyll	50 21 19 N	6 31 25 E	50 21,317 N	6 31,417 E	470	T	051STAD	107	341
52	Antweiler	50 24 23 N	6 49 41 E	50 24,383 N	6 49,683 E	303	T	052ANTW	107	353

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53	Hellenthal	50 29 49 N	6 25 21 E	50 29,817 N	6 25,350 E	475	T	053HELL	124	340
54	Bad Münster Eifel	50 33 53 N	6 45 55 E	50 33,883 N	6 45,917 E	269	T	054BADM	125	352
55	Euskirchen	50 38 59 N	6 43 26 E	50 38,983 N	6 43,433 E	202	T	055EUSK	135	351
56	Rurtalsperre	50 38 33 N	6 26 42 E	50 38,550 N	6 26,700 E	335	T	056RURT	139	343
57	Stolberg	50 46 36 N	6 14 32 E	50 46,600 N	6 14,533 E	277	T	057STOL	158	340
58	Bad Neuenahr	50 30 15 N	7 00 54 E	50 30,250 N	7 00,900 E	505	5T	058BADN	117	360
59	Mönchsheide	50 30 33 N	7 15 17 E	50 30,550 N	7 15,283 E	206	DT	059MOEN	118	8
60	Laacher See	50 24 15 N	7 15 09 E	50 24,250 N	7 15,150 E	293	T	060LAAC	107	9
61	Koblenz	50 21 38 N	7 28 52 E	50 21,633 N	7 28,867 E	206	T	061KOBL	106	18
62	Lahnstein	50 18 40 N	7 36 23 E	50 18,667 N	7 36,383 E	77	T	062LAHN	104	24
63	Nastätten	50 12 02 N	7 51 05 E	50 12,033 N	7 51,083 E	247	T	063NAST	102	36
64	Singhofen	50 16 23 N	7 51 16 E	50 16,383 N	7 51,267 E	290	DT	064SING	108	33
65	Laufenselden	50 13 38 N	7 59 57 E	50 13,633 N	7 59,950 E	394	DT	065LAUF	110	39
66	Montabaur	50 27 00 N	7 50 38 E	50 27,000 N	7 50,633 E	249	T	066MONT	125	28
67	Limburg	50 24 15 N	8 04 10 E	50 24,250 N	8 04,167 E	171	T	067LIMB	129	35
68	Rengsdorf	50 30 21 N	7 29 37 E	50 30,350 N	7 29,617 E	299	T	068RENG	122	16
69	Selters Westerwald	50 32 12 N	7 45 29 E	50 32,200 N	7 45,483 E	260	T	069SELT	131	24
70	Hachenburg	50 39 46 N	7 49 06 E	50 39,767 N	7 49,100 E	356	T	070HACH	146	23
71	Westerburg	50 32 30 N	7 58 30 E	50 32,500 N	7 58,500 E	333	T	071WEST	138	29
72	Bad Marienberg	50 39 52 N	7 57 34 E	50 39,867 N	7 57,567 E	556	T	072BADM	150	26
73	Rennerod	50 36 44 N	8 04 01 E	50 36,733 N	8 04,017 E	475	T	073RENN	148	30
74	Weilburg	50 29 16 N	8 15 32 E	50 29,267 N	8 15,533 E	146	T	074WEIL	144	37
75	Grävenwiesbach	50 23 20 N	8 27 26 E	50 23,333 N	8 27,433 E	298	T	075GRAE	145	45
76	Butzbach	50 26 11 N	8 37 02 E	50 26,183 N	8 37,033 E	329	DT	076BUTZ	157	46
77	Wetzlar	50 31 50 N	8 31 34 E	50 31,833 N	8 31,567 E	376	T	077WETZ	160	42
78	Reiskirchen	50 36 41 N	8 49 18 E	50 36,683 N	8 49,300 E	268	T	078REIS	181	45
79	Alar	50 36 07 N	8 25 17 E	50 36,117 N	8 25,283 E	192	T	079ASSL	161	38
80	Wettenberg	50 38 58 N	8 34 42 E	50 38,967 N	8 34,700 E	479	T	080WETT	173	40
81	Bischoffen	50 42 07 N	8 27 16 E	50 42,117 N	8 27,267 E	300	T	081BISC	172	36
82	Hirzenhain	50 47 15 N	8 25 39 E	50 47,250 N	8 25,650 E	608	T	082HIRZ	178	34
83	Marburg	50 49 35 N	8 47 31 E	50 49,583 N	8 47,517 E	350	T	083MARB	197	39
84	Eiserhardt	50 50 10 N	8 00 39 E	50 50,167 N	8 00,650 E	388	DT	894EISE	169	25
85	Schameder	51 00 06 N	8 15 39 E	51 00,100 N	8 15,650 E	476	T	085SCHA	193	27
86	Sackpfeife	50 57 08 N	8 31 55 E	50 57,133 N	8 31,917 E	668	T	086SACK	198	33
87	Hallenberg	51 06 46 N	8 37 05 E	51 06,767 N	8 37,083 E	423	T	087HALL	216	31
88	Winterberg	51 11 49 N	8 31 55 E	51 11,817 N	8 31,917 E	658	T	088WINT	221	29
89	Germinghausen	51 10 13 N	7 53 28 E	51 10,217 N	7 53,467 E	538	T	089GERM	200	18
90	Worms	49 37 27 N	8 20 51 E	49 37,450 N	8 20,850 E	101	T	090WORM	96	79
91	Bensheim	49 39 53 N	8 33 13 E	49 39,883 N	8 33,217 E	92	T	091BENS	112	78
92	Frankental	49 33 07 N	8 18 54 E	49 33,117 N	8 18,900 E	97	T	092FRAN	93	83
93	Coleman	49 33 51 N	8 27 54 E	49 33,850 N	8 27,900 E	92	AT	093COLE	104	83

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94	Heppenheim	49 36 15 N	8 37 51 E	49 36,250 N	8 37,850 E	96	T	094HEPP	116	82
95	Weinheim	49 32 21 N	8 38 59 E	49 32,350 N	8 38,983 E	98	T	095WEIN	117	85
96	Dannstadt	49 24 44 N	8 20 51 E	49 24,733 N	8 20,850 E	95	DT	096DANN	95	93
97	Geinsheim	49 18 24 N	8 15 24 E	49 18,400 N	8 15,400 E	113	T	097GEIN	90	101
98	Speyer	49 19 15 N	8 24 20 E	49 19,250 N	8 24,333 E	99	T	098SPEY	100	99
100	Hockenheim	49 19 20 N	8 33 33 E	49 19,333 N	8 33,550 E	104	T	100HOCK	111	98
101	Walldorf	49 17 14 N	8 37 10 E	49 17,233 N	8 37,167 E	105	T	101WALL	116	99
102	Landau	49 10 31 N	8 08 05 E	49 10,517 N	8 08,083 E	161	DT	102LAND	85	112
103	Rülzheim	49 09 42 N	8 18 09 E	49 09,700 N	8 18,150 E	109	T	103RUEL	97	110
104	Bruchsal	49 09 06 N	8 33 41 E	49 09,100 N	8 33,683 E	118	T	104BRUC	115	107
105	Bretten	49 02 41 N	8 42 53 E	49 02,683 N	8 42,883 E	228	T	105BRET	130	111
106	Pforzheim	48 54 23 N	8 39 03 E	48 54,383 N	8 39,050 E	333	T	106PFOR	132	118
107	Schwan-Conweiler	48 50 08 N	8 32 20 E	48 50,133 N	8 32,333 E	470	DT	107SCHW	129	122
108	Bad Wildbad	48 45 18 N	8 33 04 E	48 45,300 N	8 33,067 E	424	T	108BADW	135	125
109	Besenfeld	48 35 43 N	8 25 09 E	48 35,717 N	8 25,150 E	794	T	109BESE	139	134
110	Löchgau	49 00 09 N	9 05 00 E	49 00,150 N	9 05,000 E	265	DT	110LOEC	157	109
111	Sulzfeld	49 05 59 N	8 52 30 E	49 05,983 N	8 52,500 E	277	T	111SULZ	139	107
112	Heilbronn	49 07 21 N	9 10 58 E	49 07,350 N	9 10,967 E	156	DT	112HEIL	160	103
113	Gemmigen	49 09 27 N	8 58 41 E	49 09,450 N	8 58,683 E	209	T	113GEMM	144	103
114	Ostringen	49 13 15 N	8 42 41 E	49 13,250 N	8 42,683 E	160	T	114OEST	124	102
115	Sinsheim	49 14 20 N	8 53 10 E	49 14,333 N	8 53,167 E	174	T	115SINS	136	100
116	Bad Rappenau	49 14 27 N	9 06 12 E	49 14,450 N	9 06,200 E	236	T	116BADR	151	99
117	Schreckhof	49 21 05 N	9 07 17 E	49 21,083 N	9 07,283 E	272	DT	117SCHR	151	94
118	Königstuhl	49 24 08 N	8 43 46 E	49 24,133 N	8 43,767 E	570	T	118KOEN	122	93
119	Waldwimmersbach	49 22 46 N	8 53 34 E	49 22,767 N	8 53,567 E	259	T	119WALD	134	94
120	Katzenbuckel	49 28 19 N	9 02 34 E	49 28,317 N	9 02,567 E	596	5T	120KATZ	145	89
121	Rothenberg	49 29 11 N	8 56 07 E	49 29,183 N	8 56,117 E	471	DT	121ROTH	137	89
122	Hesseneck	49 34 05 N	9 04 09 E	49 34,083 N	9 04,150 E	356	T	122HESS	147	85
123	Michelstadt	49 39 41 N	8 58 52 E	49 39,683 N	8 58,867 E	306	T	123MICH	142	81
124	Fürth/Odenwald	49 39 10 N	8 47 19 E	49 39,167 N	8 47,317 E	204	T	124FUER	128	80
125	Vielbrunn	49 43 10 N	9 04 58 E	49 43,167 N	9 04,967 E	458	DT	125VIEL	150	79
126	Miltenberg	49 41 03 N	9 16 20 E	49 41,050 N	9 16,333 E	483	T	126MILT	163	81
127	Wertheim	49 45 30 N	9 32 12 E	49 45,500 N	9 32,200 E	258	T	127WERT	183	79
128	Waldürn	49 35 04 N	9 21 48 E	49 35,067 N	9 21,800 E	427	T	128WALD	168	85
129	Tauberbischofsheim	49 39 00 N	9 37 56 E	49 39,000 N	9 37,933 E	243	DT	129TAUB	188	83
130	Adelsheim	49 23 23 N	9 23 20 E	49 23,383 N	9 23,333 E	241	T	130ADEL	170	92
131	Buchen	49 31 24 N	9 19 12 E	49 31,400 N	9 19,200 E	328	T	131BUCH	165	87
132	Boxberg	49 28 26 N	9 33 49 E	49 28,433 N	9 33,817 E	386	T	132BOXB	182	89
133	Holzbronn	49 30 30 N	9 46 53 E	49 30,500 N	9 46,883 E	363	T	133HOLZ	198	88
134	Geiersberg	49 54 07 N	9 25 39 E	49 54,117 N	9 25,650 E	587	T	134GEIE	179	74
135	Hettstadt	49 45 03 N	9 48 09 E	49 45,050 N	9 48,150 E	291	T	135HETT	202	80

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136	Frammersbach	50 03 54 N	9 28 04 E	50 03,900 N	9 28,067 E	239	T	136FAMM	187	69
137	Steinau	50 18 12 N	9 24 18 E	50 18,200 N	9 24,300 E	163	T	137STEI	194	61
138	Lich	50 31 23 N	8 49 09 E	50 31,383 N	8 49,150 E	185	T	138LICH	174	47
139	Homberg	50 43 45 N	8 59 55 E	50 43,750 N	8 59,917 E	266	T	139HOMB	199	45
140	Röttingen	49 30 38 N	9 58 10 E	49 30,633 N	9 58,167 E	242	T	140ROET	212	88
141	Mühlacker	48 57 00 N	8 47 49 E	48 57,000 N	8 47,817 E	278	T	141MUEH	139	114
142	Güglingen	49 02 06 N	8 59 46 E	49 02,100 N	8 59,767 E	475	T	142HUEG	149	108
143	Weinsberg	49 09 40 N	9 18 11 E	49 09,667 N	9 18,183 E	223	T	143WEIN	167	101
144	Wüstenrot	49 04 55 N	9 27 32 E	49 04,917 N	9 27,533 E	505	T	144WUES	180	103
145	Morbach	49 02 14 N	9 32 50 E	49 02,233 N	9 32,833 E	587	T	145MORB	188	104
146	Baumerlenbach	49 13 57 N	9 25 02 E	49 13,950 N	9 25,033 E	239	DT	146BAUM	174	98
147	Neuenstein	49 13 03 N	9 35 27 E	49 13,050 N	9 35,450 E	319	T	147NEUE	187	98
148	Braunsbach	49 12 02 N	9 47 33 E	49 12,033 N	9 47,550 E	270	T	148BRAU	201	98
149	Degmarn	49 15 37 N	9 16 30 E	49 15,617 N	9 16,500 E	170	DT	149DEGN	163	97
150	Möckmühl	49 20 41 N	9 23 54 E	49 20,683 N	9 23,900 E	328	DT	150MOCK	171	94
151	Hermutshausen	49 18 55 N	9 44 36 E	49 18,917 N	9 44,600 E	411	DT	151HERM	196	94
152	Krautheim	49 23 20 N	9 38 01 E	49 23,333 N	9 38,017 E	277	T	152KRAUT	188	92
153	Alsfeld	50 44 12 N	9 14 29 E	50 44,200 N	9 14,483 E	338	T	153ALSF	212	48
154	Lauterbach	50 37 26 N	9 24 58 E	50 37,433 N	9 24,967 E	410	5T	154LAUT	214	52
155	Fulda	50 36 17 N	9 40 34 E	50 36,283 N	9 40,567 E	426	T	155FULD	228	56
156	Eichenzell	50 29 21 N	9 43 03 E	50 29,350 N	9 43,050 E	311	T	156EICH	224	59
157	Huhnrein	50 29 21 N	9 50 30 E	50 29,350 N	9 50,500 E	426	DT	157HUHN	231	60
158	Bischofsheim	50 24 20 N	10 00 43 E	50 24,333 N	10 00,717 E	463	T	158BISC	238	63
159	Bad Kissingen	50 11 40 N	10 02 44 E	50 11,667 N	10 02,733 E	290	T	159BADK	231	69
160	Hammelburg	50 08 12 N	9 55 49 E	50 08,200 N	9 55,817 E	283	T	160HAMM	221	70
161	Karlstadt	49 57 50 N	9 46 20 E	49 57,833 N	9 46,333 E	171	T	161KARL	205	74
162	Volkach	49 52 34 N	10 12 45 E	49 52,567 N	10 12,750 E	241	T	162VOLK	233	78
163	Kitzingen	49 44 36 N	10 12 01 E	49 44,600 N	10 12,017 E	200	DT	163KITZ	230	82
164	Rothenburg	49 21 46 N	10 09 40 E	49 21,767 N	10 09,667 E	420	T	164ROTH	226	92
165	Crailsheim	49 11 08 N	10 04 21 E	49 11,133 N	10 04,350 E	420	T	165CRAI	222	97
166	Feuchtwangen	49 12 22 N	10 13 54 E	49 12,367 N	10 13,900 E	465	T	166FEUC	233	96
167	Niederwern	50 03 47 N	10 08 27 E	50 03,783 N	10 08,450 E	253	T	167NIED	233	73
168	Bergtheim	49 54 12 N	9 59 02 E	49 54,200 N	9 59,033 E	363	T	168BERG	218	76
169	Annweiler	49 11 50 N	7 58 40 E	49 11,833 N	7 58,667 E	422	T	169ANNW	74	113
170	Hochstadt	49 14 19 N	8 12 34 E	49 14,317 N	8 12,567 E	137	T	170HOCH	88	106
171	Hinterweidental	49 12 06 N	7 45 21 E	49 12,100 N	7 45,350 E	268	T	171HINT	59	119
172	Monsheim	49 38 08 N	8 11 54 E	49 38,133 N	8 11,900 E	149	T	172MONS	86	77
173	Freisen	49 33 15 N	7 14 39 E	49 33,250 N	7 14,650 E	449	T	173FREI	19	53
174	Netphen	50 55 19 N	8 08 23 E	50 55,317 N	8 08,383 E	366	T	174NETP	181	26
175	Turm Pfälzer Wald	49 17 43 N	7 54 28 E	49 17,717 N	7 54,467 E	508	T	175TURM	65	106
176	Argenthal	49 58 35 N	7 35 20 E	49 58,583 N	7 35,333 E	466	T	176ARGE	70	35

<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
177	Stromberg	49 57 02 N	7 47 47 E	49 57,033 N	7 47,783 E	333	T	177STRO	78	45
178	Bad Ems	50 19 32 N	7 42 30 E	50 19,533 N	7 42,500 E	262	5T	178BADE	108	27
179	Mayen	50 21 07 N	7 10 36 E	50 21,117 N	7 10,600 E	291	T	179MAYE	100	6
180	Sinn	50 39 06 N	8 19 30 E	50 39,100 N	8 19,500 E	194	T	180SINN	162	35
181	Stadtallendorf	50 48 55 N	8 57 19 E	50 48,917 N	8 57,317 E	203	T	181STAD	204	42
182	Dietzhöhlztal	50 53 05 N	8 17 21 E	50 53,083 N	8 17,350 E	701	5T	182DIET	182	30
183	Edersee	51 11 01 N	9 03 40 E	51 11,017 N	9 03,667 E	227	T	183EDER	240	37
184	Selters Taunus	50 20 09 N	8 12 36 E	50 20,150 N	8 12,600 E	212	T	184SELT	129	41
185	Weilmünster	50 26 12 N	8 22 11 E	50 26,200 N	8 22,183 E	174	T	185WEIL	145	41
186	Bad Hönningen	50 31 24 N	7 18 24 E	50 31,400 N	7 18,400 E	116	T	186BADH	121	10
187	Kelberg	50 17 28 N	6 55 22 E	50 17,467 N	6 55,367 E	462	T	187KELB	94	356
188	Meisenburg	50 06 41 N	6 40 41 E	50 06,683 N	6 40,683 E	531	T	188MEIS	78	341
189	Dasburg	50 02 55 N	6 09 08 E	50 02,917 N	6 09,133 E	420	T	189DASB	92	317
190	Waxweiler	50 05 36 N	6 22 13 E	50 05,600 N	6 22,217 E	383	T	190WAXW	86	327
191	Schönecken	50 09 29 N	6 27 36 E	50 09,483 N	6 27,600 E	439	T	191SCHO	89	333
192	Manderscheid BAB	50 06 07 N	6 51 42 E	50 06,117 N	6 51,700 E	460	T	192MAND	73	351
193	Blankenheim BAB	50 27 58 N	6 41 51 E	50 27,967 N	6 41,850 E	545	T	193BLAN	115	349
194	Wiesbaum	50 20 40 N	6 40 33 E	50 20,667 N	6 40,550 E	485	T	194WIES	103	346
195	Rheinbach	50 36 39 N	6 54 58 E	50 36,650 N	6 54,967 E	264	5T	195RHEI	129	357
196	Boppard	50 13 42 N	7 35 47 E	50 13,700 N	7 35,783 E	102	T	196BOPP	95	25
197	Salmtal	49 55 21 N	6 49 54 E	49 55,350 N	6 49,900 E	167	T	197SALM	54	345
198	Reinsfeld	49 40 32 N	6 52 12 E	49 40,533 N	6 52,200 E	514	T	198REIN	28	335
199	Mehring	49 48 08 N	6 49 14 E	49 48,133 N	6 49,233 E	205	T	199MEHR	42	339
200	Losheim	49 30 49 N	6 44 21 E	49 30,817 N	6 44,350 E	305	T	200LOSH	23	288
201	Schmelz	49 26 45 N	6 51 29 E	49 26,750 N	6 51,483 E	224	T	201SCHM	13	267
202	Bexbach	49 21 47 N	7 14 11 E	49 21,783 N	7 14,183 E	283	T	202BEXB	17	126
203	Leimen	49 16 46 N	7 46 40 E	49 16,767 N	7 46,667 E	474	T	203LEIM	57	110
204	Edenkoben	49 17 12 N	8 07 49 E	49 17,200 N	8 07,817 E	168	T	204EDEN	81	104
205	Sundern	51 19 46 N	8 00 09 E	51 19,767 N	8 00,150 E	257	T	205SUND	220	19
206	Schwarzenau	51 01 30 N	8 28 17 E	51 01,500 N	8 28,283 E	399	T	206SCHW	202	30
207	Gilserberg	50 57 13 N	9 03 40 E	50 57,217 N	9 03,667 E	337	T	207GILS	220	41
208	Schwalmstadt	50 54 49 N	9 14 04 E	50 54,817 N	9 14,067 E	212	T	208SCHW	225	44
209	Kirchheim BAB	50 50 39 N	9 35 23 E	50 50,650 N	9 35,383 E	344	T	209KIRC	239	49
210	Hünfeld BAB	50 39 49 N	9 40 41 E	50 39,817 N	9 40,683 E	337	T	210HUEN	232	54
211	Schotten	50 30 27 N	9 07 48 E	50 30,450 N	9 07,800 E	304	T	211SCHO	190	52
212	Hungen	50 28 37 N	8 53 38 E	50 28,617 N	8 53,633 E	147	T	212HUNG	175	49
213	Imweiler	49 36 24 N	7 47 30 E	49 36,400 N	7 47,500 E	294	AT	213IMSW	57	73
214	Kaiserslautern	49 22 16 N	7 41 54 E	49 22,267 N	7 41,900 E	309	T	214KAIS	49	101
215	Eisenberg	49 33 48 N	8 04 20 E	49 33,800 N	8 04,333 E	191	T	215EISE	76	81
216	KRH	48 59 35 N	8 35 01 E	48 59,583 N	8 35,017 E	265	T	216KRH	123	115
217	Bad Herrenalb	48 48 05 N	8 26 20 E	48 48,083 N	8 26,333 E	358	T	217BADH	125	126

<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
218	Klosterreichenbach	48 31 35 N	8 24 03 E	48 31,583 N	8 24,050 E	522	T	218KLOS	143	136
219	Pfalzgrafenweiler	48 31 52 N	8 33 33 E	48 31,867 N	8 33,550 E	654	T	219PFAL	151	133
220	Beilstein	49 02 35 N	9 19 12 E	49 02,583 N	9 19,200 E	322	T	220BEIL	172	105
221	Bühlertann	49 02 36 N	9 54 30 E	49 02,600 N	9 54,500 E	374	T	221BUEH	213	102
222	Ellwangen	48 57 52 N	10 08 18 E	48 57,867 N	10 08,300 E	499	T	222ELLW	232	103
223	Neubrunn	49 43 56 N	9 39 59 E	49 43,933 N	9 39,983 E	284	T	223NEUB	192	80
224	Birkenfeld	49 51 45 N	9 42 02 E	49 51,750 N	9 42,033 E	232	T	224BIRK	197	76
225	Arnstein	49 58 51 N	9 57 41 E	49 58,850 N	9 57,683 E	244	T	225ARNS	218	74
226	Bad Brückenau	50 18 35 N	9 47 17 E	50 18,583 N	9 47,283 E	322	T	226BADB	219	64
227	Herbstein	50 33 51 N	9 20 43 E	50 33,850 N	9 20,717 E	433	T	227HERB	206	53
228	Ebesdorf	50 44 00 N	8 48 20 E	50 44,000 N	8 48,333 E	201	T	228EBES	190	42
229	Amorbach	49 38 41 N	9 13 17 E	49 38,683 N	9 13,283 E	167	T	229AMOR	159	82
230	Waldmichelbach	49 34 51 N	8 49 36 E	49 34,850 N	8 49,600 E	435	T	230WALD	130	84
231	Külsheim	49 40 14 N	9 30 58 E	49 40,233 N	9 30,967 E	322	T	231KUEH	180	82
232	Willingen	51 18 03 N	8 36 19 E	51 18,050 N	8 36,317 E	629	T	232WILL	234	29
233	Meschede	51 22 27 N	8 17 41 E	51 22,450 N	8 17,683 E	401	T	233MESC	231	23
234	Korbach	51 17 35 N	8 52 13 E	51 17,583 N	8 52,217 E	397	T	234KORB	242	32
235	Helminghausen	51 22 50 N	8 43 41 E	51 22,833 N	8 43,683 E	350	T	235HELM	245	29
236	Olsberg	51 20 24 N	8 30 14 E	51 20,400 N	8 30,233 E	701	T	236OLSB	234	27
237	Ebnat BAB	48 48 15 N	10 12 10 E	48 48,250 N	10 12,167 E	605	T	237EBNA	241	107
238	Gerstetten	48 37 35 N	10 01 09 E	48 37,583 N	10 01,150 E	634	T	238GERS	236	113
239	Hechingen	48 21 57 N	8 58 52 E	48 21,950 N	8 58,867 E	503	T	239HECH	186	130
240	St Georgen	48 07 57 N	8 18 12 E	48 07,950 N	8 18,200 E	879	T	240STGE	174	148
241	Furtwangen	48 03 17 N	8 12 01 E	48 03,283 N	8 12,017 E	947	T	241FURT	177	152
242	Titisee Neustadt	47 54 53 N	8 12 44 E	47 54,883 N	8 12,733 E	848	T	242TITI	191	154
243	Winzeln	48 16 07 N	8 23 56 E	48 16,117 N	8 23,933 E	716	T	243WINZ	165	143
244	Lossburg	48 24 58 N	8 25 49 E	48 24,967 N	8 25,817 E	772	T	244LOSS	154	139
245	Völklingen	49 14 30 N	6 48 25 E	49 14,500 N	6 48,417 E	233	T	245VOEL	29	217
246	Homburg	49 18 04 N	7 19 04 E	49 18,067 N	7 19,067 E	244	T	246HOMB	26	131
247	Kassel	51 15 58 N	9 27 05 E	51 15,967 N	9 27,083 E	189	T	247KASS	264	40
248	Lichtenau	51 11 57 N	9 42 16 E	51 11,950 N	9 42,267 E	382	T	248LICH	271	44
249	Sontra	51 03 38 N	9 54 31 E	51 03,633 N	9 54,517 E	258	T	249SONT	271	48
250	Hofheim	50 08 04 N	10 31 22 E	50 08,067 N	10 31,367 E	249	T	250HOFH	261	73
251	Eslohe	51 15 28 N	8 10 24 E	51 15,467 N	8 10,400 E	366	T	251ESLO	216	22
252	Kirchhundem	51 05 14 N	8 05 09 E	51 05,233 N	8 05,150 E	346	T	252KIRC	196	23
253	Todnau	47 49 53 N	7 56 20 E	47 49,883 N	7 56,333 E	735	T	253TODN	192	160
254	Rottweil	48 10 24 N	8 38 57 E	48 10,400 N	8 38,950 E	593	T	254ROTT	185	141
255	Oberstetten	48 19 37 N	9 19 37 E	48 19,617 N	9 19,617 E	764	T	255OBER	209	127
256	Stetten	48 01 16 N	8 52 57 E	48 01,267 N	8 52,950 E	678	T	256STET	209	140
257	Oberkochen	48 47 15 N	10 07 20 E	48 47,250 N	10 07,333 E	520	T	257OBER	236	108
258	Abtsgmünd	48 53 44 N	9 59 52 E	48 53,733 N	9 59,867 E	374	T	258ABTS	224	106

<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>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
259	Kandel	49 05 12 N	8 12 56 E	49 05,200 N	8 12,933 E	116	T	259KAND	95	116
260	Weselberg	49 19 58 N	7 36 13 E	49 19,967 N	7 36,217 E	406	T	260WESE	43	109
261	Elmstein	49 21 06 N	7 56 24 E	49 21,100 N	7 56,400 E	288	T	261ELMS	66	100
262	Münchwald	49 54 09 N	7 40 35 E	49 54,150 N	7 40,583 E	369	T	262MUEN	68	43
263	Nauroth	50 09 05 N	7 57 22 E	50 09,083 N	7 57,367 E	366	T	263NAUR	102	41
264	Odersberg	50 35 31 N	8 12 25 E	50 35,517 N	8 12,417 E	453	T	264ODER	152	34
265	Dillenburg	50 44 35 N	8 16 30 E	50 44,583 N	8 16,500 E	260	T	265DILL	168	32
266	Geismar	51 04 11 N	8 51 59 E	51 04,183 N	8 51,983 E	366	T	266GEIS	222	36
267	Kall	50 32 28 N	6 33 31 E	50 32,467 N	6 33,517 E	423	T	267KALL	126	345
268	Einöllen	49 36 30 N	7 38 14 E	49 36,500 N	7 38,233 E	342	T	268EINO	46	69
269	Olsbrücken	49 32 22 N	7 39 28 E	49 32,367 N	7 39,467 E	251	T	269OLSB	46	78
270	Kusel	49 31 02 N	7 22 37 E	49 31,033 N	7 22,617 E	297	T	270KUSE	25	74
271	Sonnschied	49 49 18 N	7 23 51 E	49 49,300 N	7 23,850 E	328	T	271SONN	48	33
272	Laudert	50 04 40 N	7 37 11 E	50 04,667 N	7 37,183 E	457	T	272LAUD	81	32
273	Polch	50 17 36 N	7 19 14 E	50 17,600 N	7 19,233 E	191	T	273POLC	96	13
273	Riegelsberg	49 17 50 N	6 56 53 E	49 17,833 N	6 56,883 E	336	T	273RIEG	19	202
274	Spiessen	49 19 16 N	7 06 58 E	49 19,267 N	7 06,967 E	336	T	274SPIE	16	160
275	Wildenstein	49 04 42 N	10 12 07 E	49 04,700 N	10 12,117 E	501	T	275WILD	233	100
276	Ahornhof	49 32 20 N	9 35 09 E	49 32,333 N	9 35,150 E	374	T	276AHOR	184	87
277	Auerbach	49 24 04 N	9 12 29 E	49 24,067 N	9 12,483 E	265	T	277AUER	157	92
278	Ederhausen	50 19 51 N	10 17 30 E	50 19,850 N	10 17,500 E	309	T	278EDER	253	67
279	Tann	50 38 31 N	10 01 15 E	50 38,517 N	10 01,250 E	433	T	279TANN	251	58
280	Volkmarsen	51 24 23 N	9 06 47 E	51 24,383 N	9 06,783 E	194	T	280VOLK	262	34
281	Lohr	49 58 38 N	9 35 14 E	49 58,633 N	9 35,233 E	167	T	281LOHR	192	72
282	Lichenroth	50 26 15 N	9 19 14 E	50 26,250 N	9 19,233 E	441	T	282LICH	197	56

Codes*

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