

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Pirineos, Spain Control Points

Courtesy of Angel Casado (acasado@acm.org)

Dated: 10 May, 1999

Updated: 20 May, 2002

Magnetic Variation: 5

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.

Number	Name	Latitude ° , ' , "	Longitude ° , ' , "	Latitude ° , ' , "	Longitude ° , ' , "	Elevation Meters	Codes [*]	ID	Distance Km	Bearing
1	Agreda	41 51 23 N	1 55 06 W	41 51,377 N	1 55,103 W	929	T	42004	138	240
2	Ateca	41 19 55 N	1 47 32 W	41 19,923 N	1 47,536 W	603	T	50038	172	222
3	Calatayud	41 21 20 N	1 38 36 W	41 21,327 N	1 38,608 W	534	T	50067	163	219
4	Ciria	41 37 12 N	1 57 51 W	41 37,207 N	1 57,857 W	1034	T	42064	158	233
5	Olvega	41 46 54 N	1 58 53 W	41 46,895 N	1 58,883 W	1029	T	42134	147	239
6	Aerodromo Abiertas	42 00 30 N	1 37 16 W	42 00,500 N	1 37,267 W	324	TA	99501	108	240
7	Aerodromo Igualada	41 35 08 N	1 39 11 E	41 35,133 N	1 39,183 E	350	TA	99503	212	125
8	Aerodromo Calamocha	40 54 00 N	1 18 00 W	40 54,000 N	1 18,000 W	904	TA	99506	196	204
9	Aerodromo Monflorite	42 05 20 N	0 19 49 W	42 05,333 N	0 19,817 W	540	TA	99545	57	166
10	Molina de Aragón	40 50 37 N	1 53 22 W	40 50,612 N	1 53,360 W	1068	T	19190	222	216
11	Monreal del Campo	40 47 28 N	1 21 10 W	40 47,475 N	1 21,168 W	939	T	44153	209	204
12	Jaca	42 34 19 N	0 32 54 W	42 34,310 N	0 32,899 W	818	TAHSF	22130		
13	Santa Cilia de Jaca	42 33 45 N	0 42 43 W	42 33,746 N	0 42,718 W	649	T	22208	13	271
14	Berdún	42 36 26 N	0 51 38 W	42 36,432 N	0 51,634 W		T	99553	26	284
15	Benabarre	42 06 29 N	0 28 59 E	42 06,486 N	0 28,985 E	788	T	22053	99	126

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	ID	Distance Km	Bearing
16	Barbaastro	42 02 16 N	0 07 25 E	42 02,264 N	0 07,420 E	341	T	22048	81	142
17	Puente de Montañaana	42 09 05 N	0 41 39 E	42 09,087 N	0 41,657 E	540	T	22188	112	119
18	Ayerbe	42 16 44 N	0 41 17 W	42 16,740 N	0 41,277 W	582	T	22039	35	204
19	Nueno	42 16 02 N	0 26 19 W	42 16,027 N	0 26,322 W	726	T	22163	35	170
20	Aerodromo Benabarre	42 01 22 N	0 28 56 E	42 01,367 N	0 28,933 E		TA	99581	104	130
21	Aerodromo Binefar	41 51 19 N	0 14 56 E	41 51,317 N	0 14,933 E		TA	99582	103	145
22	Aerodromo Calaf	41 44 39 N	1 33 25 E	41 44,650 N	1 33,417 E	750	TA	99583	196	122
23	Aerodromo la Cerdaña	42 23 11 N	1 52 00 E	42 23,183 N	1 52,000 E	1093	TA	99584	199	100
24	Aerodromo Lerida	41 32 56 N	0 38 56 E	41 32,933 N	0 38,933 E	215	TA	99585	151	144
25	Aerodromo Manresa	41 45 51 N	1 51 41 E	41 45,850 N	1 51,683 E	280	TA	99586	218	119
26	Aerodromo Sangüesa	42 33 56 N	1 17 05 W	42 33,933 N	1 17,083 W	460	TA	99587	60	275
27	Aerodromo Seo de Urgel	42 20 19 N	1 24 33 E	42 20,317 N	1 24,550 E	800	TA	99588	163	104
28	Ainsa	42 25 24 N	0 08 53 E	42 25,400 N	0 08,883 E		T	99589	59	111
29	Artesa de Segre	41 53 51 N	1 02 57 E	41 53,848 N	1 02,944 E	138	T	25034	151	124
30	Baga	42 15 14 N	1 51 47 E	42 15,228 N	1 51,783 E	786	T	8016	201	104
31	Balaguer	41 47 33 N	0 48 21 E	41 47,558 N	0 48,346 E	233	T	25040	141	132
32	Berga	42 06 16 N	1 50 43 E	42 06,263 N	1 50,711 E	715	T	8022	203	109
33	Calaf	41 44 06 N	1 30 45 E	41 44,107 N	1 30,757 E	685	T	8031	194	123
34	Campo	42 24 40 N	0 23 54 E	42 24,664 N	0 23,898 E	691	T	22074	80	108
35	Cardona	41 54 53 N	1 40 57 E	41 54,891 N	1 40,957 E	506	T	8047	198	116
36	Cervera	41 40 01 N	1 16 20 E	41 40,012 N	1 16,342 E	548	T	25072	181	128
37	Flix	41 13 56 N	0 33 06 E	41 13,934 N	0 33,092 E	45	T	43060	175	153
38	Graus	42 11 19 N	0 20 08 E	42 11,320 N	0 20,136 E	500	T	22117	84	125
39	La Pobla de Segur	42 14 51 N	0 58 23 E	42 14,850 N	0 58,383 E		T	99590	130	111
40	Moia	41 48 45 N	2 06 00 E	41 48,755 N	2 05,996 E	717	T	8138	234	115
41	Monasterio de Poblet	41 22 45 N	1 06 00 E	41 22,750 N	1 06,000 E		T	99602	190	139
42	Montblanch	41 22 27 N	1 09 47 E	41 22,450 N	1 09,783 E		T	99603	194	138
43	Presa de Oliana	42 05 41 N	1 17 50 E	42 05,683 N	1 17,833 E		T	99604	161	114
44	Pont de Suert	42 24 00 N	0 45 00 E	42 24,000 N	0 45,000 E		T	99605	108	105
45	Ponts	41 55 08 N	1 11 20 E	41 55,134 N	1 11,340 E	362	T	25172	160	121
46	Sabiñánigo	42 31 11 N	0 21 46 W	42 31,188 N	0 21,768 W	780	T	22199	16	116
47	Sallent	41 49 29 N	1 53 52 E	41 49,486 N	1 53,864 E	278	T	8191	218	117
48	San Llorens de Morunys	42 07 30 N	1 35 00 E	42 07,500 N	1 35,000 E		T	99609	182	110
49	Presa de San Pons	41 58 00 N	1 36 11 E	41 58,000 N	1 36,183 E		T	99600	189	115
50	Solsona	41 59 43 N	1 31 15 E	41 59,719 N	1 31,243 E	664	T	25207	182	115
51	Storia	41 49 57 N	1 45 15 E	41 49,946 N	1 45,242 E	260	T	8274	207	118
52	Tarrega	41 38 52 N	1 08 26 E	41 38,862 N	1 08,432 E	373	T	25217	173	131
53	Tora Riubregos	41 48 00 N	1 21 00 E	41 48,000 N	1 21,000 E		T	99615	178	123
54	Tremp	42 10 06 N	0 53 49 E	42 10,103 N	0 53,811 E	468	T	25234	127	115
55	Figuerasa	42 07 13 N	1 49 30 E	42 07,212 N	1 49,502 E		T	99617	201	109

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	ID	Distance Km	Bearing
56	Presa de Escalles	42 19 41 N	0 43 29 E	42 19,677 N	0 43,478 E		T	99618	108	109
57	San Quirze de Besora	42 06 16 N	2 13 27 E	42 06,267 N	2 13,450 E		T	99619	234	107
58	Daroca	41 06 58 N	1 24 55 W	41 06,967 N	1 24,917 W		T	99904	177	209
59	Santuario Moncayo	41 47 19 N	1 49 12 W	41 47,317 N	1 49,200 W		T	99912	136	236
60	Aguero	42 21 22 N	0 47 35 W	42 21,363 N	0 47,591 W	696	T	22004	31	225
61	Pantano San Blas	40 22 00 N	1 12 30 W	40 22,000 N	1 12,500 W		T	99931	251	198
62	Ojos Negros	40 44 22 N	1 29 56 W	40 44,375 N	1 29,926 W	1151	T	44169	218	207
63	Aerodromo Sabadell	41 31 19 N	2 06 22 E	41 31,317 N	2 06,367 E		TA	99947	248	122
64	Aerodromo Castellón de la Plana	40 00 01 N	0 01 32 E	40 00,017 N	0 01,533 E		TA	99948	290	175
65	Fraga	41 31 24 N	0 21 01 E	41 31,400 N	0 21,010 E	120	T	22112	138	152
66	Piera	41 31 19 N	1 44 54 E	41 31,315 N	1 44,896 E	300	T	8161	223	126
67	Calig	40 27 47 N	0 21 19 E	40 27,791 N	0 21,309 E	122	T	12034	246	167
68	Huesca	42 08 30 N	0 24 26 W	42 08,504 N	0 24,432 W	488	T	22125	49	171
69	Rodellar	42 17 00 N	0 04 46 W	42 16,998 N	0 04,762 W		T	99971	50	135
70	Riglos	42 21 01 N	0 43 29 W	42 21,019 N	0 43,489 W		T	99972	29	216
71	Binefar	41 51 15 N	0 17 41 E	41 51,246 N	0 17,679 E	386	T	22061	106	144
72	Aerodromo Santa Cilia de Jaca	42 34 11 N	0 43 40 W	42 34,183 N	0 43,667 W	755	TA	99991	15	274
73	Sos del Rey Catolico	42 29 54 N	1 12 51 W	42 29,905 N	1 12,845 W	653	T	50248	55	267
74	Sadaba	42 16 56 N	1 16 16 W	42 16,939 N	1 16,274 W	443	T	50230	68	247
75	Ejea de los Caballeros	42 07 49 N	1 08 12 W	42 07,810 N	1 08,192 W	318	T	50095	69	230
76	Monzon	41 54 41 N	0 11 45 E	41 54,686 N	0 11,751 E	279	T	22158	96	145
77	Aibar	42 35 36 N	1 21 31 W	42 35,601 N	1 21,509 W	566	T	31009	66	277
78	Tafalla	42 31 46 N	1 40 33 W	42 31,765 N	1 40,553 W	438	T	31227	92	272
79	Yesa	42 37 18 N	1 12 09 W	42 37,298 N	1 12,146 W	492	T	31261	54	281
80	Lumbier	42 39 14 N	1 18 22 W	42 39,238 N	1 18,368 W	466	T	31159	63	284
81	Biescas	42 37 49 N	0 19 24 W	42 37,809 N	0 19,395 W	880	T	22059	20	76
82	Aoiz	42 47 15 N	1 22 08 W	42 47,249 N	1 22,130 W	504	T	31019	71	295
83	Huarte	42 49 58 N	1 35 19 W	42 49,971 N	1 35,321 W	440	T	31122	90	294
84	Monreal	42 42 22 N	1 30 25 W	42 42,359 N	1 30,418 W	568	T	31172	80	286
85	Benasque	42 36 22 N	0 31 30 E	42 36,363 N	0 31,500 E	1138	T	22054	88	92
86	Canfranc	42 43 03 N	0 31 25 W	42 43,056 N	0 31,424 W	1040	T	22078	16	12
87	Roncal	42 48 31 N	0 57 19 W	42 48,525 N	0 57,311 W	727	T	31210	42	314
88	Isaba	42 51 45 N	0 55 20 W	42 51,751 N	0 55,328 W	814	T	31128	44	322
89	Uncastillo	42 21 46 N	1 07 46 W	42 21,762 N	1 07,769 W	501	T	50267	53	249
90	Puente la Reina de Jaca	42 35 19 N	0 44 00 W	42 35,322 N	0 44,000 W	690	T	22902	15	282
91	Sanguesa	42 34 35 N	1 16 53 W	42 34,583 N	1 16,880 W	402	T	31216	60	276
92	Salvatierra de Esca	42 40 11 N	1 00 14 W	42 40,187 N	1 00,241 W	582	T	50232	39	291
93	Santa Cruz de la Seros	42 31 26 N	0 40 22 W	42 31,425 N	0 40,373 W	788	T	22209	12	247
94	Anso	42 45 21 N	0 49 39 W	42 45,345 N	0 49,658 W	860	T	22028	31	317
95	Carcastillo	42 22 51 N	1 26 36 W	42 22,854 N	1 26,596 W	352	T	31067	76	259

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation Meters	Codes*	ID	Distance Km	Bearing
96	Zaragoza	41 39 27 N	0 52 41 W	41 39,455 N	0 52,683 W	199	T	50297	105	200
97	Almudevar	42 02 44 N	0 34 47 W	42 02,729 N	0 34,782 W	425	T	22021	59	188
98	Loarre	42 18 54 N	0 37 30 W	42 18,900 N	0 37,501 W	772	T	22149	29	197
99	Ardisa	42 12 09 N	0 45 29 W	42 12,142 N	0 45,490 W	433	T	50033	45	208
100	Broto	42 36 19 N	0 07 12 W	42 36,315 N	0 07,205 W	905	T	22069	35	89
101	Bielsa	42 38 09 N	0 13 12 E	42 38,153 N	0 13,201 E	1023	T	22057	63	88
102	Yebra de Basa	42 29 14 N	0 16 54 W	42 29,234 N	0 16,899 W	880	T	22252	24	118
103	Panticosa	42 43 31 N	0 16 57 W	42 43,513 N	0 16,950 W	1184	T	22170	28	57
104	Estadilla	42 03 31 N	0 14 41 E	42 03,521 N	0 14,691 E	450	T	22103	87	136
105	Castejon de Monegros	41 37 06 N	0 14 19 W	41 37,099 N	0 14,314 W	466	T	22083	109	171
106	Sarroca de Bellera	42 21 38 N	0 52 56 E	42 21,631 N	0 52,929 E	1001	T	25201	120	106
107	Puigcerda	42 26 01 N	1 55 39 E	42 26,024 N	1 55,650 E	1202	T	17141	204	98
108	Alp	42 22 25 N	1 53 12 E	42 22,417 N	1 53,200 E	1158	T	17006	201	100
109	Senterada	42 19 33 N	0 56 21 E	42 19,546 N	0 56,349 E	729	T	25202	125	107
110	Abizanda	42 14 38 N	0 11 57 E	42 14,638 N	0 11,942 E	636	T	22002	71	125
111	Ager	42 00 02 N	0 45 51 E	42 00,040 N	0 45,842 E	618	T	25002	125	125
112	Aisa	42 40 51 N	0 37 07 W	42 40,845 N	0 37,118 W	1046	T	22006	13	340
113	Alquezar	42 10 24 N	0 01 44 E	42 10,408 N	0 01,737 E	660	T	22024	65	138
114	Angues	42 06 45 N	0 09 08 W	42 06,747 N	0 09,136 W	543	T	22027	61	152
115	Aren	42 15 36 N	0 43 20 E	42 15,605 N	0 43,327 E	709	T	22035	110	113
116	Bailo	42 30 40 N	0 48 36 W	42 30,675 N	0 48,604 W	717	T	22044	22	258
117	Burgui	42 43 19 N	1 00 11 W	42 43,308 N	1 00,186 W	629	T	31059	41	299
118	Caldearenas	42 23 59 N	0 29 59 W	42 23,978 N	0 29,979 W	640	T	22072	20	173
119	Castejon de Sos	42 30 51 N	0 29 40 E	42 30,849 N	0 29,672 E	904	T	22084	86	99
120	Castiello de Jaca	42 37 58 N	0 32 56 W	42 37,966 N	0 32,929 W	921	T	22086	6,8	5
121	Guesa	42 48 28 N	1 05 39 W	42 48,473 N	1 05,645 W	657	T	31119	52	306
122	Liedena	42 37 12 N	1 16 27 W	42 37,198 N	1 16,457 W	443	T	31155	60	280
123	Loporzano	42 09 46 N	0 19 22 W	42 09,763 N	0 19,361 W	581	T	22150	49	163
124	Luna	42 10 13 N	0 55 44 W	42 10,212 N	0 55,734 W	477	T	50151	55	220
125	Naval	42 11 37 N	0 09 07 E	42 11,625 N	0 09,122 E	637	T	22160	71	131
126	Navardun	42 30 50 N	1 08 41 W	42 30,835 N	1 08,684 W	495	T	50186	49	268
127	Navascues	42 43 07 N	1 06 46 W	42 43,119 N	1 06,762 W	625	T	31181	49	295
128	Ochagavia	42 54 27 N	1 05 22 W	42 54,453 N	1 05,367 W	765	T	31185	58	315
129	Plan	42 34 59 N	0 20 15 E	42 34,977 N	0 20,258 E	1119	T	22182	73	94
130	Sallent de Gallego	42 46 26 N	0 19 49 W	42 46,429 N	0 19,820 W	1305	T	22204	29	43
131	Sigues	42 37 54 N	1 00 41 W	42 37,898 N	1 00,688 W	521	T	50245	38	285
132	Sopeira	42 19 02 N	0 44 54 E	42 19,033 N	0 44,903 E	720	T	22223	110	109
133	Sort	42 24 44 N	1 07 52 E	42 24,736 N	1 07,863 E	692	T	25209	139	102
134	Torla	42 37 44 N	0 06 34 W	42 37,736 N	0 06,571 W	1033	T	22230	36	85
135	Ujue	42 30 26 N	1 29 54 W	42 30,436 N	1 29,907 W	815	T	31235	78	270

Number	Name	Latitude ° , ' "	Longitude ° , ' "	Latitude ° , ' "	Longitude ° , ' "	Elevation Meters	Codes*	ID	Distance Km	Bearing
136	Vilaller	42 28 40 N	0 43 06 E	42 28,660 N	0 43,102 E	981	T	25245	104	100
137	Villanua	42 40 47 N	0 31 46 W	42 40,790 N	0 31,765 W	953	T	22250	12	12
138	Zuera	41 52 13 N	0 47 08 W	41 52,211 N	0 47,129 W	279	T	50298	80	199
139	Monasterio de Leyre	42 38 10 N	1 10 13 W	42 38,167 N	1 10,217 W	750	T	99992	51	283
140	Monasterio de San Victorian	42 27 39 N	0 13 19 E	42 27,650 N	0 13,317 E	1110	T	99993	64	106
141	Monasterio del Pueyo	42 03 26 N	0 09 06 E	42 03,440 N	0 09,100 E	612	T	99994	81	140
142	Presa de Yesa	42 37 02 N	1 10 54 W	42 37,033 N	1 10,900 W	489	T	99995	52	281
143	Biel-Fuencaldetas	42 23 19 N	0 56 07 W	42 23,320 N	0 56,120 W	760	T	50901	38	242
144	La Farga	42 26 23 N	4 31 27 E	42 26,383 N	4 31,450 E		T	99969	416	95
145	Sietamo	42 07 28 N	0 16 43 W	42 07,459 N	0 16,724 W	559	T	22222	54	161
146	Matans	41 38 11 N	1 41 02 E	41 38,183 N	1 41,033 E		T	90032	211	124
147	Llac Malniu	42 28 00 N	1 46 53 E	42 28,000 N	1 46,883 E		T	90033	191	98
148	Aerodromo Ampuriabrava	42 15 36 N	3 06 35 E	42 15,600 N	3 06,583 E		TA	90034	302	100
149	Aerodromo Castejón de Monegros	41 36 31 N	0 13 04 W	41 36,517 N	0 13,067 W		TA	90036	111	171
150	Aerodromo Barbastro	41 59 42 N	0 05 36 E	41 59,700 N	0 05,600 E		TA	90053	83	145
151	Aerodromo Villanueva de Gállego	41 47 12 N	0 50 44 W	41 47,200 N	0 50,733 W		TA	90056	91	201

Codes*

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