

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Santiago, Chile Control Points

Contest: FAI Sailplane Grand Prix
 Courtesy of Carlos Rocca (crocca@vtr.net)

Dated: 27 January 2011
 Magnetic Variation: 2.8E
 Time zone: Chile/Continental, Summer offset from GMT is -3:00 and in Winter it is -4:00.

Version 2011_2
 Club de Planeadores de Vitacura

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 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	3K	33 22 32 S	70 32 50 W	33 22.533 S	70 32.833 W	753	T	TDZ	3K	3.0	83
2	Algarrobo	32 28 19 S	70 59 35 W	32 28.317 S	70 59.583 W	290	AT	Pista E:290m 34/16 L:450.0M F:118.2	ALGARR	108	342
3	Baños del Corazón	32 47 48 S	70 32 51 W	32 47.800 S	70 32.850 W	700	T		BANOS	65	5
4	Blanco	33 43 12 S	70 30 30 W	33 43.200 S	70 30.500 W	750	AT	E:750m 09/27 L:500.0M F:118.2	BLANCO	38	173
5	Cauquenes	34 14 53 S	70 33 21 W	34 14.883 S	70 33.350 W	800	T	Termas	CAUQUE	97	182
6	Central	32 52 00 S	70 24 30 W	32 52.000 S	70 24.500 W	1080	T	Ró Colorado	CENTRA	59	18
7	Chacabuco	33 03 00 S	70 42 00 W	33 03.000 S	70 42.000 W	680	AT	Pista E:680m 21/03 L:720.0M F:118.2	CHACAB	38	346
8	Chada	33 55 00 S	70 37 40 W	33 55.000 S	70 37.667 W	600	T	Laguna	CHADA	60	187

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation METERS	Codes*	Turnpoint	ID	Distance Km	Bearing
9	Chicureo	33 16 00 S	70 39 00 W	33 16.000 S	70 39.000 W	582	AT		CHICU	14	335
10	Chincolco Pared	32 08 40 S	70 45 40 W	32 08.667 S	70 45.667 W	1706	T		CHINC	138	356
11	Chincolco	32 13 29 S	70 48 13 W	32 13.483 S	70 48.217 W	688	AT	Pista E:688m 27/09 L:500.0M F:118.2	CHINCO	130	353
12	Cobre	32 58 00 S	70 37 00 W	32 58.000 S	70 37.000 W	1600	T		COBRE	46	358
13	Colina	33 13 03 S	70 39 46 W	33 13.050 S	70 39.767 W	804	T		COLINA	20	340
14	Combarbala	31 14 30 S	70 54 10 W	31 14.500 S	70 54.167 W	1447	T	Rio	COMBAR	240	355
15	Copñ	32 36 30 S	70 35 00 W	32 36.500 S	70 35.000 W	900	T		COPIN	86	3
16	Cuadrada	32 18 10 S	70 30 30 W	32 18.167 S	70 30.500 W	2400	T	Laguna	CUADRA	120	6
17	Democoen	32 47 16 S	70 27 40 W	32 47.267 S	70 27.667 W	2300	T		DEMOCO	67	12
18	Estadio	33 23 45 S	70 30 00 W	33 23.750 S	70 30.000 W	970	T	Uc	ESTADI	7.6	106
19	Estero Seco	33 44 44 S	70 32 58 W	33 44.733 S	70 32.967 W	767	AT	Pista E:767m 16/34 L:650.0M F:118.2	ESTERO	41	179
20	Gloria	33 51 03 S	70 35 57 W	33 51.050 S	70 35.950 W	450	T	Embalse	GLORIA	52	185
21	Gomeros Rengo	34 21 28 S	70 52 46 W	34 21.467 S	70 52.767 W	315	AT	Pista, E:315m 20/02 L:585.0M F:118.2	GOMERO	112	197
22	Gordo	33 16 15 S	70 33 45 W	33 16.250 S	70 33.750 W	1884	T	Cerro	GORDO	12	10
23	Illapel	31 32 30 S	70 49 20 W	31 32.500 S	70 49.333 W	1167	T	Rio	ILLAPE	206	356
24	Inca Lake	32 52 27 S	70 10 25 W	32 52.450 S	70 10.417 W		T		INCALAKE	68	37
25	Jahuel	32 41 12 S	70 35 42 W	32 41.200 S	70 35.700 W	850	T	Termas	JAHUEL	77	2
26	La Torre	32 45 14 S	70 18 06 W	32 45.233 S	70 18.100 W		T		LA TORRE	74	23
27	Leonera	34 02 06 S	70 34 19 W	34 02.100 S	70 34.317 W	600	T		LEONER	73	182
28	Los Andes	32 48 50 S	70 38 45 W	32 48.833 S	70 38.750 W	780	AT	E:780m 23/05 L:1056.0M F:118.2	LOSAND	63	357
29	Machal	34 10 50 S	70 36 00 W	34 10.833 S	70 36.000 W	700	T		MACHAL	89	184
30	Mansel	33 51 42 S	70 46 23 W	33 51.700 S	70 46.383 W	430	AT	Pista, E:430m 32/14 L:650.0M F:118.2	MANSEL	56	201
31	Mapocho	33 22 16 S	70 27 00 W	33 22.267 S	70 27.000 W	1005	T	Puente	MAPOCH	12	88
32	Morado Chico	32 26 07 S	70 33 22 W	32 26.117 S	70 33.367 W	2400	T		MOCHIC	105	4
33	Montaña	34 59 50 S	70 49 10 W	34 59.833 S	70 49.167 W	661	T		MONTAN	181	190
34	Morado	32 21 30 S	70 33 45 W	32 21.500 S	70 33.750 W	2900	T		MORADO	114	4
35	Olivares Sur	33 29 42 S	70 08 18 W	33 29.700 S	70 08.300 W		T		OLIVASUR	43	110
36	Orolonco	32 38 07 S	70 41 07 W	32 38.117 S	70 41.117 W	700	AT	Pista E:700m 27/09 L:500.0M F:118.2	OROLON	83	356
37	Pista de Colina	33 13 02 S	70 41 30 W	33 13.033 S	70 41.500 W	565	AT	E:565m 20/02 L:1300.0M F:118.2	PCOLIN	21	333
38	Pista Combarbalá	31 13 15 S	71 04 15 W	31 13.250 S	71 04.250 W	881	AT	Pista E:881m 19/01 L:900M F:118.2	PCOMBA	245	352
39	Pelambres Galpón	31 47 58 S	70 33 59 W	31 47.967 S	70 33.983 W	2000	T		PELAMB	176	3
40	Pelequen	34 31 10 S	70 50 50 W	34 31.167 S	70 50.833 W	960	T		PELEQU	129	194
41	Pista Illapel	31 34 40 S	71 06 39 W	31 34.667 S	71 06.650 W	429	AT	Pista E:429m 20/02 L:1200M F:118.2	PMACHA	207	349
42	Pirque	33 46 00 S	70 34 00 W	33 46.000 S	70 34.000 W	850	T		PIRQUE	43	181
43	Pista La Montaña	34 58 09 S	70 56 02 W	34 58.150 S	70 56.033 W	550	AT	E:550m 28/10 L:800M F:118.2	PMONTA	180	193
44	Pista de Pelambres	31 52 23 S	70 37 06 W	31 52.383 S	70 37.100 W	1400	AT	E:1400m 02/20 L:900.0M F:118.2	PPELAM	168	2
45	Putando	32 34 13 S	70 41 03 W	32 34.217 S	70 41.050 W	900	T	Medialuna	PUTAEN	91	357
46	Rancagua	34 10 00 S	70 47 00 W	34 10.000 S	70 47.000 W	441	AT	E:441m 21/03 L:1446.0M F:118.3	RANCAG	89	195
47	Resguardo	32 30 00 S	70 34 33 W	32 30.000 S	70 34.550 W	1200	T		RESGUA	98	3
48	Ró Blanco	32 54 33 S	70 18 07 W	32 54.550 S	70 18.117 W	1425	T		RIOBLA	58	29
49	Ró Claro	34 30 21 S	70 38 57 W	34 30.350 S	70 38.950 W	1200	T		RIOCLA	125	186

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50	Ró Colorado	33 35 18 S	70 22 06 W	33 35.300 S	70 22.100 W	1100	T	Puente	RIOCOL	30	143
51	Rio Leones	32 41 41 S	70 13 58 W	32 41.683 S	70 13.967 W		T		RIOLENES	83	26
52	Rosario	34 23 00 S	70 44 10 W	34 23.000 S	70 44.167 W	1105	T		ROSARI	112	190
53	Saladillo Relave	32 58 57 S	70 14 20 W	32 58.950 S	70 14.333 W		T		SALADILLO	54	39
54	Salamanca	31 47 12 S	71 00 40 W	31 47.200 S	71 00.667 W	452	AT	E:452m 27/09 L:900.0M F:118.2	SALAMA	182	350
55	San Felipe	32 44 30 S	70 42 10 W	32 44.500 S	70 42.167 W	800	AT	E:800m 15/33 L:1150.0M F:118.2	SANFEL	72	354
56	San Fernando	34 33 47 S	70 57 59 W	34 33.783 S	70 57.983 W	329	AT	E:329m 20/02 L:898.0M F:118.2	SANFER	136	198
57	Sanatorio Putaendo	32 37 01 S	70 41 20 W	32 37.017 S	70 41.333 W	850	T		SANATO	85	356
58	Sauzal	34 15 15 S	70 36 54 W	34 15.250 S	70 36.900 W	600	T	Central	SAUZAL	97	185
59	Sobrante	32 14 00 S	70 37 00 W	32 14.000 S	70 37.000 W	305	T		SOBRAN	128	1
60	Termas de Colina	33 10 51 S	70 35 42 W	33 10.850 S	70 35.700 W	980	T		TERCOL	22	359
61	Tinguiririca	34 42 00 S	70 49 30 W	34 42.000 S	70 49.500 W	800	T		TINGUI	148	191
62	Tobalaba	33 27 11 S	70 32 41 W	33 27.183 S	70 32.683 W	649	AT	E:649m 19/01 L:1000.0M F:118.7	TOBALA	8.7	161
63	Total	31 59 49 S	70 32 31 W	31 59.817 S	70 32.517 W	1500	T	Junta	TOTORA	154	4
64	Valle Muerte	32 59 23 S	70 30 20 W	32 59.383 S	70 30.333 W	1600	T	Puente	VALLEM	44	12
65	Vitacura	33 22 49 S	70 34 46 W	33 22.817 S	70 34.767 W	695	HSFTA		VITACURA		
66	Vizcachas	33 35 56 S	70 31 23 W	33 35.933 S	70 31.383 W	790	T		VIZCAC	25	171

Codes*

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