

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Bebedouro, Brazil Control Points

Contest: 50° Campeonato Nacional Brasileiro de Vôo a Vela/Copa Rolf Hossinger, 2008
 Courtesy of Thomas Milko (thomas.milko@gmail.com)

Dated: 01 September, 2008

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Do not use for navigation, for flight verification only.

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User assumes all risk of use.

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation METERS	Codes*	Turnpoint	Distance Km	Bearing
1	Barretos	20 35 08 S	48 35 45 W	20 35.133 S	48 35.750 W	579	AT	1800X30	37	340
2	Bebedouro	20 54 03 S	48 28 12 W	20 54.050 S	48 28.200 W	592	HSAT	Hangar 1300X23	55	202
3	Botelho	21 21 48 S	48 40 00 W	21 21.800 S	48 40.000 W	599	T	SP	112	45
4	Buritizal	20 11 30 S	47 42 31 W	20 11.500 S	47 42.517 W	599	T		123	347
5	Campo Florido	19 49 20 S	48 44 33 W	19 49.333 S	48 44.550 W	650	T			

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Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation METERS	Codes*	Turnpoint	ID	Distance Km	Bearing
6	Cardoso	20 04 57 S	49 54 53 W	20 04 950 S	49 54.883 W	599	T		06CARDOS	176	301
7	Catanduva	21 09 02 S	48 59 52 W	21 09 033 S	48 59.867 W	561	AT	985X20	07CATAND	61	243
8	Colina	20 42 47 S	48 32 26 W	20 42 783 S	48 32.433 W	599	T		08COLINA	22	341
9	Colombia	20 14 28 S	48 39 30 W	20 14 467 S	48 39.500 W	450	AT	1030X40	09COLOMB	76	345
10	Conceição das Alagoas	20 02 02 S	48 14 02 W	20 02 033 S	48 14.033 W	558	AT	1200X30	10CONCEI	99	14
11	Duploeu	20 15 06 S	49 33 03 W	20 15 100 S	49 33.050 W	599	T		11DUPLOC	134	302
12	Embauba	20 58 59 S	47 17 30 W	20 58 983 S	48 50.150 W	599	T		12EMBAUB	39	256
13	Estreito	20 10 36 S	48 10 30 W	20 10 600 S	47 17.500 W	500	T		13ESTREI	147	57
14	Faz Avanhandava	21 11 22 S	49 56 13 W	21 11 367 S	49 56.217 W	440	AT	SDWH 1500X30	14FAZ AV	156	258
15	Faz Bananeira Altair	20 34 48 S	49 04 47 W	20 34 800 S	49 04.783 W	510	AT		15FAZ BA	73	299
16	Faz Brumado	20 25 23 S	48 34 02 W	20 25 383 S	48 34.033 W	535	AT	Barretos - Grama 0800X30	16FAZ BR	54	349
17	Faz Buracao	20 33 25 S	48 29 12 W	20 33 417 S	48 29.200 W	549	AT	Barretos	17FAZ BU	38	357
18	Faz Cataco	21 15 49 S	49 47 35 W	21 15 817 S	49 47.583 W	441	AT	Ubarana 0850X23	18FAZ CA	143	253
19	Faz Constancia	20 29 19 S	49 11 17 W	20 29 317 S	49 11.283 W	510	AT	1000X23	19FAZ CO	88	301
20	Faz Contem Taquaritinga	21 23 21 S	48 31 38 W	21 23 350 S	48 31.633 W	590	AT		20FAZ CO	55	186
21	Faz Sta Maria	20 50 56 S	50 04 46 W	20 50 933 S	50 04.767 W	465	AT	Moncoes Faz Sta Maria - Grama 0900X30	21FAZ ST	167	272
22	Femandopolis	20 16 36 S	50 12 50 W	20 16 600 S	50 12.833 W	500	AT	1000X25	22FERMAN	194	291
23	Franca	20 35 25 S	47 22 57 W	20 35 417 S	47 22.950 W	1003	AT	2000X30	23FRANCA	118	73
24	Fronteira	20 16 39 S	49 11 27 W	20 16 650 S	49 11.450 W	487	AT	1720X20	24FRONTE	102	313
25	Fruital	20 00 17 S	48 57 32 W	20 00 283 S	48 57.533 W	551	AT	1000X20	25FRUTAL	112	333
26	Guaira	20 19 08 S	48 18 39 W	20 19 133 S	48 18.650 W	599	T		26GUAIRA	67	14
27	Guaira Pista	20 25 59 S	48 13 28 W	20 25 983 S	48 13.467 W	548	AT	Dr Heraclito Mota 1200X20	27GUAIRA	58	26
28	Guaraci	20 13 00 S	49 04 00 W	20 13 000 S	49 04.000 W	510	AT	Faz São Joao 0740X20	28GUARAC	98	321
29	Ibiporanga	20 28 39 S	49 34 26 W	20 28 650 S	49 34.433 W	599	T		29IBIPOR	124	292
30	Ibitinga	21 44 50 S	48 51 21 W	21 44 833 S	48 51.350 W	542	AT	1200X18	30IBITIN	102	203
31	Ipigua Sta Paula	20 42 14 S	49 23 29 W	20 42 233 S	49 23.483 W	567	AT	0600X18	31IPIGUA	98	283
32	Ipuã	20 30 18 S	48 02 39 W	20 30 300 S	48 02.650 W	724	T	Faz Alianca	32IPUA F	62	45
33	Irapua	21 16 48 S	49 24 33 W	21 16 800 S	49 24.550 W	599	T		33IRAPUA	106	246
34	Itajobi	21 19 07 S	49 03 17 W	21 19 117 S	49 03.283 W	599	T		34ITAJOB	76	232
35	Itapagipe	19 54 33 S	49 22 54 W	19 54 550 S	49 22.900 W	599	T		35ITAPAG	146	319
36	Itapolis	21 35 59 S	48 49 58 W	21 35 983 S	48 49.967 W	530	AT	1300X25	36ITAPOL	86	206
37	Ituverava	20 22 31 S	47 46 07 W	20 22 517 S	47 46.117 W	623	AT	1000X30	37ITUVER	93	51
38	Jaboticabal	21 13 48 S	48 17 05 W	21 13 800 S	48 17.083 W	616	AT	0960X23	38JABOTI	41	152
39	Jales	20 17 29 S	50 32 41 W	20 17 483 S	50 32.683 W	457	AT	1060X19	39JALES	226	287
40	Lins	21 39 46 S	49 43 52 W	21 39 767 S	49 43.867 W	475	AT	1700X32	40LINS	156	237
41	Magda	20 34 03 S	50 13 49 W	20 34 050 S	50 13.817 W	438	AT	Faz S Francisco 0900X23	41MAGDA	187	281
42	Matao Marchz	21 37 46 S	48 23 38 W	21 37 767 S	48 23.633 W	592	AT	1100X20	42MATAO	81	174
43	Miguelopolis	20 10 48 S	48 01 56 W	20 10 800 S	48 01.933 W	599	T		43MIGUEL	92	30
44	Mirassol	20 48 26 S	49 29 10 W	20 48 433 S	49 29.167 W	584	AT	1000X30	44MIRASS	106	275
45	Monte Alto	21 15 41 S	48 31 47 W	21 15 683 S	48 31.783 W	750	AT	0850X20	45MONTE	41	189
46	Monte Aprazivel	20 46 21 S	49 42 51 W	20 46 350 S	49 42.850 W	599	T		46MONTE	130	276
47	Morro Agudo	20 48 30 S	48 13 19 W	20 48 500 S	48 13.317 W	590	AT	Faz Barra Ag 1000X30	47MORRO	28	68
48	Mutuca	21 30 50 S	48 09 00 W	21 30 833 S	48 09.000 W	599	T		48MUTUCA	76	154
49	Nipoa	20 54 50 S	49 46 41 W	20 54 833 S	49 46.683 W	599	T		49NIPOA	136	269
50	Nova Granada	20 33 24 S	49 17 18 W	20 33 400 S	49 17.300 W	530	AT	Faz 0700X20	50NOVA G	93	294
51	Novo Horizonte	21 29 52 S	49 14 04 W	21 29 867 S	49 14.067 W	465	AT	1000X30	51NOVO H	103	230
52	Nuporanga	20 43 53 S	47 43 51 W	20 43 883 S	47 43.850 W	599	T		52NUPORA	79	76
53	Olimpia	20 45 17 S	48 54 40 W	20 45 283 S	48 54.667 W	524	T		53OLIMPI	49	289
54	Orlandia	20 44 44 S	47 56 01 W	20 44 733 S	47 56.017 W	662	AT	Faz São Joao 1000X30	54ORLAND	58	73
55	Paulo de Faria	20 01 53 S	49 23 01 W	20 01 883 S	49 23.017 W	599	T	SP	55PAULO	136	315

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56	Pitangueiras	20 56 16 S	48 10 24 W	20 56.267 S	48 10.400 W	480	AT	Faz 3 Barras 800X30	56PITANG	31	98
57	Plaza Inn	20 57 00 S	48 29 36 W	20 57.000 S	48 29.600 W	589	T		57PLAZA	6.0	204
58	Potirendaba	21 02 36 S	49 22 39 W	21 02.600 S	49 22.650 W	599	T		58POTIRE	96	260
59	Restinga	20 36 14 S	47 28 59 W	20 36.233 S	47 28.983 W	599	T	SP	59RESTIN	108	72
60	Riolândia	19 58 53 S	49 40 56 W	19 58.883 S	49 40.933 W	599	T		60RIOLAN	162	309
61	Sabino	21 27 37 S	49 34 44 W	21 27.617 S	49 34.733 W	599	T	SP	61SABINO	131	241
62	São Francisco Sales	19 50 29 S	49 41 18 W	19 50.483 S	49 41.300 W	399	AT	1100X40	62SAO FR	173	313
63	São Joaquim Barra	20 35 36 S	47 50 32 W	20 35.600 S	47 50.533 W	651	AT	1000X30	63SAO JO	74	62
64	São Jose do Rio Preto	20 48 58 S	49 24 17 W	20 48.967 S	49 24.283 W	543	AT	SBSR 1640X35	64SAO JO	98	275
65	Sertãozinho Pontal	21 04 22 S	48 02 03 W	21 04.367 S	48 02.050 W	549	AT	Faz Vassoural 0900X23	65SERTAO	49	113
66	Taiuva	21 07 26 S	48 27 06 W	21 07.433 S	48 27.100 W	599	T		66TAIUVA	25	176
67	Tanabi	20 37 37 S	49 38 59 W	20 37.617 S	49 38.983 W	599	T		67TANABI	126	284
68	Tapinas	21 26 48 S	48 47 11 W	21 26.800 S	48 47.183 W	599	T		68TAPINA	69	208
69	Terra Roxa	20 47 15 S	48 19 53 W	20 47.250 S	48 19.883 W	599	T		69TERRA	19	49
70	U Catanduva	21 07 37 S	48 50 41 W	21 07.617 S	48 50.683 W	567	AT	0760X18	70U CATA	46	237
71	U S Martinho	21 20 35 S	48 06 50 W	21 20.583 S	48 06.833 W	522	AT	Pradopolis 1600X30	71U S MA	62	143
72	U São Geraldo Piquerobi	21 07 51 S	48 03 59 W	21 07.850 S	48 03.983 W	550	AT	0700X23	72U SAO	49	121
73	U St Adelia Jaboticabal	21 19 57 S	48 18 59 W	21 19.950 S	48 18.983 W	607	AT	1000X18	73U ST A	51	162
74	Viradouro	20 52 23 S	48 17 49 W	20 52.383 S	48 17.817 W	599	T		74VIRADO	18	80
75	Votuporanga	20 27 26 S	50 00 09 W	20 27.433 S	50 00.150 W	508	AT	1500X30	75VOTUPO	167	287
76	Controle SE	20 55 22 S	48 25 25 W	20 55.367 S	48 25.417 W	588	T		76CTRSE	5.4	117
77	Bebedouro Cabec 31	20 54 10 S	48 28 05 W	20 54.167 S	48 28.083 W	588	AF		77BBCA31	0.3	137
78	Controle NW	20 52 32 S	48 31 31 W	20 52.533 S	48 31.517 W	588	T		78CTRNW	6.4	296
79	Bebedouro Cabec 13	20 55 51 S	48 28 45 W	20 53.850 S	48 28.750 W	588	AF		79BBCA13	1.0	291

Codes*

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