Worldwide Soaring Turnpoint Exchange
Unofficial Coordinates for the Campo Mourão Turnpoints

Contest: First South American Championships

Courtesy of A.R. Pucci 'AR' (pucci@mandic.com.br)

Dated: September 26, 1997

Time zone: Brazil/East, summer offset from GMT is -2:00 and in winter it is -3:00.

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Always consult the relevant publications for current and correct information.

This service is provided free of charge with no warrantees, expressed or implied.

User assumes all risk of use.

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° '	Longitude ° '	Codes*	Turnpoint	ID	Distance Km	Bearing °
1	Agrop. Agua Azul	23 57 36 S	52 21 04 W	23 57.606 S	52 21.070 W	T	Silo	AGROA	4.6	3
2	Altamira do Paraná	24 47 00 S	52 43 00 W	24 47.000 S	52 43.000 W	T	Silos	ALTAM	95	203
3	Apucarana	23 34 06 S	51 30 33 W	23 34.100 S	51 30.550 W	T	Trevo	TAPUC	99	61
4	Arapongas	23 21 12 S	51 29 21 W	23 21.194 S	51 29.350 W	TA	Cabeceira 33	ARAPO	114	51
5	Arauna	24 01 32 S	52 23 59 W	24 01.540 S	52 23.980 W	T	Santa Casa	ARAUN	5.4	240
6	Assis Chateaubriand	24 23 47 S	53 32 05 W	24 23.781 S	53 32.090 W	TA	Pista Cooperativa	ACHAT	128	250
7	Astorga	23 15 01 S	51 39 22 W	23 15.020 S	51 39.360 W	T	Trevo de Astorga	ASTOR	110	41
8	Barreiro das Frutas	24 02 31 S	52 19 15 W	24 02.520 S	52 19.250 W	T	Trevo	BFRUT	5.6	144
9	Bourbonia	24 14 11 S	52 15 59 W	24 14.180 S	52 15.990 W	T	Trevo	BOURB	28	161
10	**Campo Mourão**	24 00 04 S	52 21 14 W	24 00.070 S	52 21.230 W	TAHSF	Aerodromo	CMOUR		
11	Cascavel	25 00 19 S	53 29 46 W	25 00.311 S	53 29.760 W	TA	Cabeceira 33	CASCA	161	226
12	Cocamar	23 36 25 S	52 05 07 W	23 36.419 S	52 05.120 W	T	Silos Cocamar	COCAM	52	32
13	Corbelia	24 47 37 S	53 17 19 W	24 47.614 S	53 17.320 W	T	Trevo de Corbelia	CORBE	129	227
14	Dr. Camargo	23 32 47 S	52 13 50 W	23 32.778 S	52 13.840 W	T	Trevo Dr. Camargo	CAMAR	52	14
15	Eng. Beltrão	23 48 14 S	52 15 27 W	23 48.230 S	52 15.450 W	T	Trevo	BELTR	24	24

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Number	Name	Latitude ° ' "	Longitude ° ' "	Codes*	Turnpoint	Longitude ° '	Latitude ° '	ID	Distance Km	Bearing
16	Estrada Boiadeira	24 02 37 S	52 23 40 W	T	Trevo	52 23.660 W	24 02.620 S	PR-04	6.3	221
17	Goioerê	24 11 45 S	53 02 00 W	TA	Cabeceira 05	53 02.000 W	24 11.752 S	GOIOR	72	252
18	Jandaia do Sul	23 35 45 S	51 38 26 W	T	Trevo	51 38.440 W	23 35.750 S	JANDA	86	58
19	Japura	23 28 04 S	52 32 58 W	T	Olaria Japura	52 32.970 W	23 28.062 S	JAPUR	63	341
20	Jesuitas	24 22 24 S	53 22 58 W	T	Trevo de Jesuitas	53 22.970 W	24 22.408 S	TJESU	112	248
21	Juranda	24 25 16 S	52 49 31 W	T	Trevo	52 49.510 W	24 25.260 S	JURAN	67	226
22	Jussara	23 37 56 S	52 27 50 W	T	Trevo	52 27.840 W	23 37.940 S	JUSSA	43	345
23	Londrina	23 20 11 S	51 07 14 W	TA	Cabeceira 31	51 07.240 W	23 20.183 S	LONDR	146	60
24	Mambore	24 16 56 S	52 32 45 W	T	Trevo	52 32.750 W	24 16.930 S	MANBO	37	212
25	Mandaguari	23 30 47 S	51 42 20 W	T	Trevo	51 42.330 W	23 30.780 S	MANDA	86	51
26	Marialva	23 28 22 S	51 49 13 W	T	Trevo	51 49.210 W	23 28.360 S	MARIA	80	43
27	Maringa	23 26 00 S	51 54 11 W	TA	Cabeceira 22	51 54.180 W	23 26.007 S	MARIN	78	36
28	Nova Esperança	23 11 42 S	52 12 07 W	T	Trevo	52 12.120 W	23 11.700 S	NOVAE	91	10
29	Paiçandu	23 27 53 S	52 02 49 W	T	Trevo	52 02.820 W	23 27.880 S	PAICA	67	28
30	Ponte Rio Ivaí	23 40 00 S	52 07 00 W	T	Ponte Rodov	52 07.000 W	23 40.000 S	PIVAI	44	33
31	Ponte Rio Piquiri	24 33 00 S	53 07 00 W	T	Ponte Rio Piquiri	53 07.000 W	24 33.000 S	PRPIQ	99	232
32	Sao Pedro do Ivaí	23 50 28 S	51 54 01 W	TA	Estação PAX	51 54.020 W	23 50.469 S	SIVAI	49	69
33	Tapejara	23 44 11 S	52 53 02 W	T	Trevo	52 53.040 W	23 44.180 S	TAPEJ	61	299
34	Terra Boa	23 45 54 S	52 27 48 W	T	Trevo	52 27.800 W	23 45.900 S	TERRA	29	337
35	Toledo	24 41 37 S	53 41 53 W	TA	Cabeceira 01	53 41.880 W	24 41.615 S	TOLED	157	240
36	Trevo C.Mourão/Casca	24 03 28 S	52 22 41 W	T	Trevo	52 22.680 W	24 03.460 S	TCMOU	6.8	201
37	Trevo de Alto Piquiri	24 00 00 S	53 28 00 W	T	Trevo de Alto Piquiri	53 28.000 W	24 00.000 S	TAPIQ	113	270
38	Ubiratã	24 33 00 S	52 59 00 W	T	Trevo de Ubiratã	52 59.000 W	24 33.000 S	UBIRA	88	226

Codes*

A : Airport [BGA "#"]
F : Finish Point
H : Home airport
S : Start Point
T : Turnpoint