

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Pirassununga (SP), Brazil Control Points

Contest: 29o Prova AFA, 2018

Courtesy of Valéria Caselato (valcaselato@gmail.com) and Claudio E. Schmidt (claudio@xurunga.com.br)

Dated: 14 November 2018

Magnetic Variation: 20.3W

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

Academia da Força Aérea

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User assumes all risk of use.

Number	Name	Latitude ° ' "	Longitude ° ' "	Latitude ° '	Longitude ° '	Elevation M	Codes [*]	Comment	ID	Distance Km	Bearing
1	AFA-Campo Fontenelle	21 59 04 S	47 20 39 W	21 59.067 S	47 20.650 W	600	HYSFT		01AFA.FO		
2	Torre E	21 59 04 S	47 19 42 W	21 59.067 S	47 19.700 W	597	TD		02TORRE	1.6	110
3	Chegada Norte	21 56 55 S	47 19 27 W	21 56.917 S	47 19.450 W	600	T		03CHGN	4.5	48
4	Chegada Sul	22 01 29 S	47 19 39 W	22 01.483 S	47 19.650 W	600	T		04CHGSUL	4.8	179
5	Largada Ponte	22 00 27 S	47 17 57 W	22 00.450 S	47 17.950 W	600	S		05LGDPON	5.3	139
6	Pirassununga	22 01 35 S	47 25 10 W	22 01.583 S	47 25.167 W	683	AT		06PIRSUN	9.1	259
7	Usina São Luis	21 54 03 S	47 16 22 W	21 54.050 S	47 16.367 W	700	T		07USLUIS	12	59
8	Faz Criciumal	22 09 09 S	47 16 41 W	22 09.150 S	47 16.683 W	598	T		08FAZMAL	20	180
9	Leme	22 13 37 S	47 22 56 W	22 13.617 S	47 22.933 W	617	AT		09LEME	27	209
10	Descalvado	21 54 14 S	47 37 10 W	21 54.233 S	47 37.167 W	679	T		10DSCVDO	30	308

Number	Name	Latitude ° , ' , ''	Longitude ° , ' , ''	Latitude ° , ' , ''	Longitude ° , ' , ''	Elevation M	Codes [*]	Comment	ID	Distance Km	Bearing
11	Tambau	21 41 49 S	47 18 25 W	21 41.817 S	47 18.417 W	670	T		11TAMBAU	32	27
12	Casa Branca	21 47 17 S	47 03 20 W	21 47.283 S	47 03.333 W	715	AT		12CASBRA	37	74
13	Aguai	22 03 34 S	46 58 43 W	22 03.567 S	46 58.717 W	660	T		13AGUAI	39	123
14	Araras	22 20 13 S	47 21 30 W	22 20.217 S	47 21.500 W	685	AT		14ARARAS	39	202
15	Santa Rita do Passa Quatro	21 38 33 S	47 28 16 W	21 38.550 S	47 28.267 W	846	AT		15SANARI	40	1
16	Conchal	22 19 49 S	47 10 21 W	22 19.817 S	47 10.350 W	591	T		16COCHAL	42	176
17	Analândia	22 09 26 S	47 42 52 W	22 09.433 S	47 42.867 W	842	AT		17ANALAN	43	264
18	Usina Santa Rita do Passa Quatro	21 43 25 S	47 39 25 W	21 43.417 S	47 39.417 W	630	AT		18USRITA	43	332
19	Vargem Gde do Sul	21 49 56 S	46 57 20 W	21 49.933 S	46 57.333 W	710	AT		19VAREMG	44	87
20	Mogi Guacu	22 13 43 S	46 58 12 W	22 13.717 S	46 58.200 W	682	AT		20MOGGUA	47	146
21	São João da Boa Vista	22 01 02 S	46 50 27 W	22 01.033 S	46 50.450 W	762	AT		21SAOOAO	52	114
22	Rio Claro	22 25 52 S	47 33 51 W	22 25.867 S	47 33.850 W	607	AT		22RCLARO	55	225
23	Itirapina Broa	22 11 41 S	47 51 42 W	22 11.683 S	47 51.700 W	783	AT		23ITIRAP	58	267
24	São Carlos	21 52 35 S	47 54 12 W	21 52.583 S	47 54.200 W	807	AT		24SAOARL	59	302
25	Mococa SJCA	21 31 44 S	47 02 45 W	21 31.733 S	47 02.750 W	650	AT		25MOCA	59	52
26	Faz Amália	21 26 42 S	47 22 19 W	21 26.700 S	47 22.317 W	707	AT		26FAZMAL	60	18
27	São Simão	21 28 45 S	47 33 03 W	21 28.750 S	47 33.050 W	665	T		27SAOMAO	60	359
28	Faz Pixoxo	21 46 52 S	47 53 04 W	21 46.867 S	47 53.067 W	650	AT		28FPPIXOX	60	312
29	Pinhal	22 09 42 S	46 46 36 W	22 09.700 S	46 46.600 W	920	AT		29PINHAL	62	129
30	Ipeúna-Edra	22 26 25 S	47 42 06 W	22 26.417 S	47 42.100 W	612	AT		30IPEA-E	63	236
31	Mococa SDKK	21 29 16 S	47 02 04 W	21 29.267 S	47 02.067 W	645	AT		31MOCOCA	64	50
32	São Simão	21 28 07 S	47 37 52 W	21 28.117 S	47 37.867 W	680	AT		32SAOIMA	65	353
33	Mogi Mirim	22 24 36 S	46 54 19 W	22 24.600 S	46 54.317 W	693	AT		33MOGMIR	65	157
34	Faz Passaredo	21 19 37 S	47 13 52 W	21 19.617 S	47 13.867 W	1412	AT		34FAZASS	74	29
35	Brotas-Santa Isabel	22 14 27 S	48 01 30 W	22 14.450 S	48 01.500 W	787	AT		35BROTAS	76	268
36	Cajuru	21 16 31 S	47 18 15 W	21 16.517 S	47 18.250 W	775	T		36CAJURU	79	23
37	Araraquara Bartholomeu de Gusmão	21 48 16 S	48 08 25 W	21 48.267 S	48 08.417 W	711	AT		37ARAQUA	85	304
38	Monte Santo de Minas	21 10 33 S	46 57 32 W	21 10.550 S	46 57.533 W	895	AT		38MONESA	98	44
39	Brotas-San Angelo	22 14 44 S	48 15 28 W	22 14.733 S	48 15.467 W	512	AT		39BROTAS	98	273
40	Mutuca	21 30 29 S	48 09 40 W	21 30.483 S	48 09.667 W	618	T		40MUTUCA	100	322
41	Dourado	22 07 53 S	48 19 11 W	22 07.883 S	48 19.183 W	702	AT		41DOURA	102	281
42	Matão	21 37 23 S	48 21 09 W	21 37.383 S	48 21.150 W	635	AT		42 MATAO	112	311
43	Guariba	21 19 40 S	48 10 16 W	21 19.667 S	48 10.267 W	634	AT		43GUARBA	112	331
44	Matão-Marchesan	21 37 46 S	48 23 38 W	21 37.767 S	48 23.633 W	592	AT		44MAT-MA	115	310
45	Santa Ernestina	21 28 02 S	48 22 02 W	21 28.033 S	48 22.033 W	620	AT		45SANAER	120	319
46	Usina Santa Adelia	21 19 57 S	48 18 59 W	21 19.950 S	48 18.983 W	618	AT		46USADEL	124	326
47	Batatais	20 52 38 S	47 35 08 W	20 52.633 S	47 35.133 W	881	AT		47BATAIS	126	9
48	Jaboticabal	21 13 48 S	48 17 05 W	21 13.800 S	48 17.083 W	616	AT		48JABICA	128	331
49	Jaú Faz Moro Vermelho	22 16 28 S	48 36 15 W	22 16.467 S	48 36.250 W	529	AT		49JAUFMV	134	276
50	Taquaritinga	21 23 21 S	48 31 38 W	21 23.350 S	48 31.633 W	590	AT		50TAQRIT	139	319
51	Pitangueiras	20 56 16 S	48 10 24 W	20 56.267 S	48 10.400 W	480	AT		51PITGUE	145	344

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , ' "	<i>Longitude</i> ° , ' "	<i>Latitude</i> ° , ' "	<i>Longitude</i> ° , ' "	<i>Elevation</i> <i>M</i>	<i>Codes</i> [*]	<i>Comment</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>
52	Monte Alto	21 15 41 S	48 31 47 W	21 15.683 S	48 31.783 W	750	AT		52MONEAL	147	323
53	Orlandia	20 44 50 S	47 53 23 W	20 44.833 S	47 53.383 W	736	AT		53ORLDIA	149	358
54	Morro Agudo	20 48 30 S	48 13 19 W	20 48.500 S	48 13.317 W	490	AT		54MOROAG	159	345
55	Bebedouro	20 53 50 S	48 28 53 W	20 53.833 S	48 28.883 W	592	DT		55BEBOUR	169	336
	Retiro	22 05 17 S	47 13 54 W	22 05.283 S	47 13.900 W	602.901306	LT		RETIRO	16	155
	Outldn 1	22 13 54 S	47 11 51 W	22 13.900 S	47 11.850 W	607.566528	LT		XCP003	31	172
	Chifre	22 08 56 S	47 07 50 W	22 08.933 S	47 07.833 W	634.808105	LT		CHIFRE	29	150
	Outld 2	22 00 28 S	47 06 38 W	22 00.467 S	47 06.633 W	656.588623	LT		XCP005	24	116
	Outld 3	22 01 53 S	47 01 35 W	22 01.883 S	47 01.583 W	674.260925	LT		XCP006	33	119
	Chamine	22 21 32 S	46 58 29 W	22 21.533 S	46 58.483 W	601.326782	T		CHAMIN	56	158
	Velocita	22 17 15 S	46 50 54 W	22 17.250 S	46 50.900 W	735.928589	T		VELOCI	61	144
	Oricanga	22 13 56 S	46 58 09 W	22 13.933 S	46 58.150 W	683.472534	LT		ORICAN	47	146
	Igreja Aguai	22 03 33 S	46 58 45 W	22 03.550 S	46 58.750 W	664.589233	T		AGUAI	39	123
	US Jacuba	21 55 36 S	46 55 28 W	21 55.600 S	46 55.467 W	688.412659	T		USJACU	44	102
	Barragem	21 37 32 S	47 00 33 W	21 37.533 S	47 00.550 W	574.094910	T		BARRAG	53	61
	Outld 4	21 31 35 S	47 09 36 W	21 31.583 S	47 09.600 W	627.839661	LT		XCP015	54	41
	Outld 5	21 47 30 S	47 09 49 W	21 47.500 S	47 09.817 W	653.996216	LT		XCP017	28	61
	Laranjal	21 53 22 S	47 10 09 W	21 53.367 S	47 10.150 W	659.249573	LT		LARANJ	21	80

Codes^{*}

- A: Airport
- D: Glider Airfield
- F: Finish Point
- H: Home airport
- L: Landing point
- S: Start Point
- T: Turnpoint
- Y: Military Airfield