

Worldwide Soaring Turnpoint Exchange

Unofficial Coordinates for the Fazenda Thalia, Balsa Nova, Brazil Control Points

Courtesy of Réne Polewka (apbn@planador . org . br)

Dated: 18 December 2009

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

Aeroclube de Planadores de Balsa Nova

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Do not use for navigation, for flight verification only.

Always consult the relevant publications for current and correct information.

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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>	<i>Codes</i>	<i>ID</i>	<i>Distance</i>	<i>Bearing</i>	<i>Comment</i>
		° ' " S	° ' " W	° ' " S	° ' " W	METERS			Km		
0	Fazenda Thalia	25 31 08 S	49 40 55 W	25 31.133 S	49 40.917 W	1020	DTHS	00SSTH			SSTH
1	Pedágio São Luis do Purunãágio	25 28 16 S	49 39 42 W	25 28.267 S	49 39.700 W	1149	T	01PED1	5.7	21	
2	Sprea	25 27 53 S	49 43 44 W	25 27.883 S	49 43.733 W	1064	6T	02SPRE	7.6	322	Trevo BR277 / BR376
3	Ponte do Rio dos Papagaios	25 26 25 S	49 44 59 W	25 26.417 S	49 44.983 W	1029	6T	03PTPA	11	322	
4	Trevo de Witmarsum	25 28 12 S	49 47 28 W	25 28.200 S	49 47.467 W	1010	6T	04TWIT	12	296	BR277
5	Teimoso	25 25 56 S	49 31 48 W	25 25.933 S	49 31.800 W	957	AT	05TEIM	18	58	Pista SSCF
6	Igreja de Rondinha	25 26 44 S	49 29 54 W	25 26.733 S	49 29.900 W	970	T	06ROND	20	66	
7	Palmeira	25 28 25 S	49 53 36 W	25 28.417 S	49 53.600 W	868	T	07PAMA	22	283	Trevo Ferroviário / BR277
8	Castro	24 48 23 S	49 57 22 W	24 48.383 S	49 57.367 W	1010	AT	08CAST	84	341	Pista SSQT
9	Pedágio BR376	25 20 53 S	49 50 32 W	25 20.883 S	49 50.533 W	970	T	09PED2	25	320	
10	Mafra	26 09 32 S	49 49 56 W	26 09.533 S	49 49.933 W	820	AT	10MAFR	73	192	Pista SSMF

<i>Number</i>	<i>Name</i>	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Latitude</i> ° , ' , ''	<i>Longitude</i> ° , ' , ''	<i>Elevation</i> <i>Codes</i> <i>METERS</i>	<i>ID</i>	<i>Distance</i> <i>Km</i>	<i>Bearing</i>	<i>Comment</i>
11	Lapa	25 45 50 S	49 44 14 W	25 45.833 S	49 44.233 W	922 6T	11LAP2	28	191	Trevo PR427
12	Ponte Rio Tibagi	25 17 57 S	49 53 33 W	25 17.950 S	49 53.550 W	941 T	12PTIB	32	319	BR376
13	Trevo de Palmeira / BR277	25 26 05 S	49 59 41 W	25 26.083 S	49 59.683 W	879 6T	13TPAL	33	287	
14	Vilha Velha	25 14 46 S	50 01 19 W	25 14.767 S	50 01.317 W	800 T	14VVEL	46	312	Entrada
15	Ponta Grossa	25 11 16 S	50 08 40 W	25 11.267 S	50 08.667 W	789 AT	15PGRO	59	308	Pista SSZW
16	Trevo Ponta Grossa / Castro	25 04 54 S	50 11 22 W	25 04.900 S	50 11.367 W	953 6T	16TPGC	70	314	
17	Trevo Ponta Grossa / N do Paraná	25 02 21 S	50 16 46 W	25 02.350 S	50 16.767 W	972 6T	17TPGN	80	311	
18	Tibagi	24 31 23 S	50 21 57 W	24 31.383 S	50 21.950 W	825 AT	18TIBA	130	328	Pista
19	Guarapuava	25 23 19 S	51 31 20 W	25 23.317 S	51 31.333 W	1065 AT	19GUAR	185	274	Pista SBGU
20	Rio Negrinho	26 19 16 S	49 31 08 W	26 19.267 S	49 31.133 W	922 LT	20RION	91	170	Pista - Importante: Aeroporto Interditado Para Asfaltizaçãosm
21	São Bento do Sul	26 15 03 S	49 24 55 W	26 15.050 S	49 24.917 W	925 AT	21SAOB	86	162	Pista
22	Refinações de Milho Brasil	25 34 48 S	49 38 01 W	25 34.800 S	49 38.017 W	873 T	22RMBR	8.3	144	
23	Fernandes Pinheiro	25 26 17 S	50 31 40 W	25 26.283 S	50 31.667 W	852 AT	23XANA	85	276	Pista
24	Campo do Tenente	25 59 39 S	49 40 01 W	25 59.650 S	49 40.017 W	805 T	24CPOT	53	178	
25	São João do Triunfo	25 40 36 S	50 17 26 W	25 40.600 S	50 17.433 W	787 T	25SJTR	64	254	
26	BR476	25 52 05 S	49 58 27 W	25 52.083 S	49 58.450 W	927 T	26B476	49	217	Posto
27	Contenda	25 40 37 S	49 32 13 W	25 40.617 S	49 32.217 W	885 T	27CTDA	23	140	
28	PR151	25 21 07 S	50 02 31 W	25 21.117 S	50 02.517 W	912 T	28P151	41	297	Vilarejo
29	Relógio	25 17 32 S	51 07 44 W	25 17.533 S	51 07.733 W	771 6T	29RELO	148	280	Trevo BR277 / BR373
30	Ponto de Controle E	25 30 17 S	49 38 43 W	25 30.283 S	49 38.717 W	936 T	30CHEE	4.0	67	
31	Ponto de Controle W	25 32 03 S	49 43 05 W	25 32.050 S	49 43.083 W	979 T	31CHEW	4.0	245	
32	Cabeceira 27	25 31 08 S	49 40 41 W	25 31.133 S	49 40.683 W	1020 AF	32CA27	0.4	90	SSTH - Pista - APBN
33	Cabeceira 09	25 31 20 S	49 41 12 W	25 31.333 S	49 41.200 W	1020 AF	33CA09	0.6	232	SSTH - Pista - APBN
34	Pedagio Carambe´	24 55 28 S	50 24 32 W	24 55.467 S	50 24.533 W	889 T	34PED3	99	312	

Codes*

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