

# XIV Rally da Serra



**XIV RALLY DA SERRA**

**VII CBR – CAMPEONATO BRASILEIRO DE RALLY DE REGULARIDADE HISTÓRICA**

**1ª Etapa – Porto Alegre - 13/06/2015**

## **LIVRO DE BORDO**

**ORGANIZAÇÃO**



**APOIO**

*Autograss exclusive*  
ANTIGOMOBILISMO

SHOPPING  
**TOTAL**

[www.classiccarclub-rs.com.br](http://www.classiccarclub-rs.com.br)



# XIV Rally da Serra



**13 de junho de 2015**

CARRO N° \_\_\_\_\_

HORA DE LARGADA: \_\_\_\_\_ h : \_\_\_\_\_ m : \_\_\_\_\_ s

## **RECOMENDAÇÕES:**

Para efeitos de cronometragem, todas as distâncias relacionadas neste livro de bordo com 3 casas após a vírgula são consideradas exatas.

Nos trechos de deslocamento todos os tempos foram calculados considerando-se as paradas nos semáforos e fiscalizações eletrônicas de velocidade, portanto, não cometa infrações.

Procure seguir os tempos indicados nos trechos de deslocamento, evitando permanecer com o carro parado por muito tempo aguardando a partida nos trechos de zona controlada.

Nunca aguarde a partida com o carro na pista; procure aguardar no acostamento com luzes de sinalização acessas (pisca-alerta).

## **LEGENDA:**

Deslocamento: trecho de ligação entre eventos (largada, zonas controladas, chegada) com várias médias de velocidade impostas. Não há cronometragem.

Zona Controlada: trecho com velocidade(s) imposta(s), no qual poderá haver posto(s) de cronometragem.

Neutralizado: local onde a equipe deverá permanecer parada pelo tempo indicado.

## **TELEFONES ÚTEIS:**

Diretor da Prova – Maurício Milano: **(51) 9993 6977**

Presidente Classic Car Club – Gilberto Moraes: **(51) 9234 7474**

Diretor Técnico Classic Car Club – Ignácio Blanco: **(51) 8118 6006**



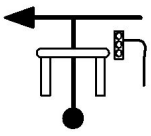
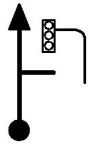
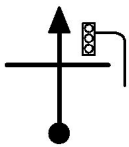
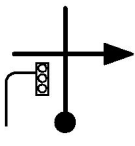
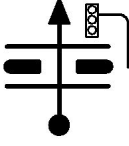
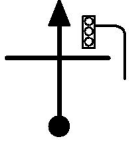
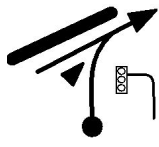
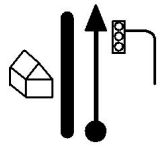
Guincho / Plataforma – Autograss: **(054) 9104 8338 / (054) 9103 0029**

Polícia Rodoviária Federal: **191**











Polícia Rodoviária Estadual: **198**




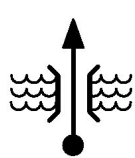

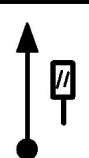

## **ALMOÇO DE SÁBADO:**

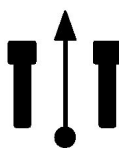



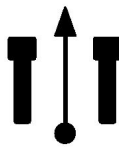
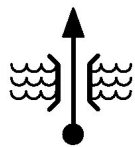
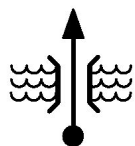



Vinícola Lovara – Bento Gonçalves/RS

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES		
						
						
0,000	 1	<b>D</b>	00:00:00	<b>Início de Prova</b>		
0,000				0:20:00	T1	<b>INÍCIO DESLOCAMENTO</b>
0,000						SHOPPING TOTAL SAÍDA DO ESTACIONAMENTO <b>ZERE SEU HODÔMETRO</b>
0,09 0,05	 2					
0,20 0,12	 3					
0,27 0,16	 4			SEGUINDO NA RUA GARIBALDI		
0,45 0,28	 5			CRUZANDO AV. FARRAPOS		
0,61 0,37	 6					
0,80 0,49	 7			LARGO VESPASIANO JÚLIO VEPPO (ESTAÇÃO RODOVIÁRIA)		
0,88 0,54	 8					

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
0,95 0,59	 9			
1,17 0,72	 10			INGRESSANDO NA AV. DA LEGALIDADE
2,344 1,456 <i>AFER</i>	 11			FISCALIZAÇÃO ELETRÔNICA 80 KM/H
3,81 2,36	 12			SEGUINDO NA RODOVIA
4,903 3,047 <i>AFER</i>	 13			KM 96 MANTENHA-SE A DIREITA
5,679 3,529 <i>AFER</i>	 14			KM 95
6,081 3,779 <i>AFER</i>	 15			PARA LAJEADO SANTA MARIA RODOV. DO PARQUE
6,46 4,01	 16			PARA RODOV. DO PARQUE (BR-448)
7,17 4,45	 17			PONTE ESTAIADA
7,423 4,612 <i>AFER</i>	 18			BR 448 NORTE

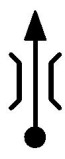
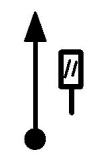
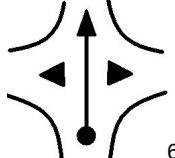

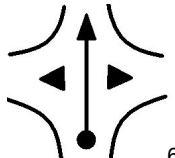

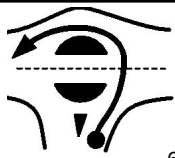

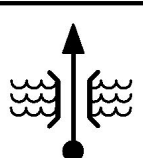

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
7,888 4,901 <i>AFER</i>	 19			FIM DESLOCAMENTO KM 21
7,888 4,901 <b>0,000</b>	 20	<b>V</b> <b>80</b> <b>49.71</b>	<b>00:20:00</b>  <b>T2</b>	<b>INÍCIO ZONA CONTROLADA 01</b> KM 21 <b>ZERE SEU HODÔMETRO</b>
1,010 0,628 <i>AFER</i>	 21		<b>00:20:45</b>	KM 20
2,008 1,248 <i>AFER</i>	 22		<b>00:21:30</b>	KM 19
4,028 2,503 <i>AFER</i>	 23		<b>00:23:01</b>	KM 17
5,65 3,51	 24		<b>00:24:14</b>	SEGUINDO NA BR 448
6,02 3,74	 25		<b>00:24:31</b>	
7,55 4,69	 26		<b>00:25:40</b>	
8,40 5,22	 27		<b>00:26:18</b>	
9,69 6,02	 28		<b>00:27:16</b>	







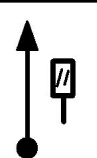

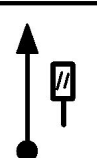

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
10,326 6,416 <i>AFER</i>	 29	<b>V</b> 60 37.28	00:27:45 T3	FIM ZONA CONTROLADA ESTRADA PRODUÇÃO ACESSO A 1 KM INICIO DESLOCAMENTO
10,83 6,72	 30		00:28:15	
11,062 6,874 <i>AFER</i>	 31		00:28:29	ESTRADA PRODUÇÃO POLO PETROQUIMICO
11,47 7,12	 32		00:28:53	PARA LAJEADO SANTA MARIA POLO PETROQ.
12,04 7,48	 33		00:29:28	
12,70 7,89	 34		00:30:07	
14,542 9,036 <i>AFER</i>	 35	<b>V</b> 80 49.71	00:31:58 T4	
15,585 9,684 <i>AFER</i>	 36		00:32:45	KM 437
17,10 10,62	 37		00:33:53	
17,490 10,868 <i>AFER</i>	 38		00:34:10	







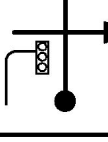


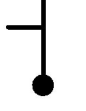
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
17,861 11,098 <i>AFER</i>	 39		00:34:27	FISCALIZACAO ELETRONICA 50 KM/H
17,90 11,12	 40		00:34:29	
19,654 12,212 <i>AFER</i>	 41		00:35:48	KM 433
23,01 14,29	 42		00:38:19	
24,185 15,028 <i>AFER</i>	 43		00:39:12	FISCALIZACAO ELETRONICA 80 KM/H
25,46 15,82	 44		00:40:09	RIO CAI
27,83 17,29	 45		00:41:56	VARZEA DO CAI
28,73 17,85	 46		00:42:36	POLÍCIA RODOVIARIA FEDERAL
29,66 18,43	 47		00:43:18	
30,724 19,091 <i>AFER</i>	 48		00:44:06	KM 422


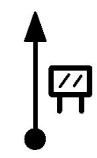
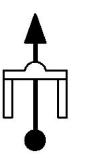
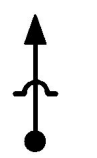



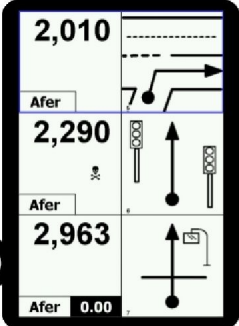

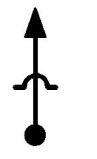
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
31,99 19,87	49		00:45:03	SEGUINDO PARA MONTENEGRO
32,50 20,19	50		00:45:26	INGRESSANDO NA RODOVIA COM CUIDADO
33,02 20,51	51		00:45:49	INGRESSANDO NO POSTO POLO SUL II
33,11 20,57	52		00:45:53	
33,179 20,616 <i>AFER</i>	53	<b>N</b> 0:05:04	00:45:56  <b>T5</b>	<b>FIM DESLOCAMENTO</b> POSTO POLO SUL II
33,179 20,616 <b>0,000</b>	54	<b>V</b> 50 31.07	00:51:00  <b>T6</b>	<b>INICIO ZONA CONTROLADA 02</b> POSTO POLO SUL II  <b>ZERE SEU HODÔMETRO</b>
0,04 0,02	55		00:51:03	INGRESSANDO NA RODOVIA COM CUIDADO
0,490 0,304 <i>AFER</i>	56		00:51:36	KM 40
1,544 0,959 <i>AFER</i>	57		00:52:51	KM 39
5,550 3,449 <i>AFER</i>	58		00:57:40	KM 35




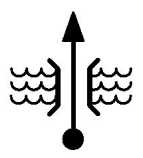

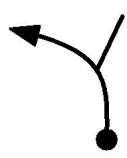
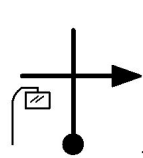



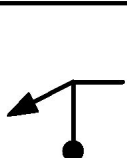

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
9,89 6,14	 59		01:02:52	
12,005 7,460 <i>AFER</i>	 60		01:05:25	KM 29
12,63 7,84	 61		01:06:10	
13,31 8,27	 62		01:06:59	
14,53 9,02	 63		01:08:26	
14,964 9,298 <i>AFER</i>	 64	<b>V</b> 40 24.85	01:08:58 T7	FIM ZONA CONTROLADA KM 26  INICIO DESLOCAMENTO
16,28 10,11	 65		01:10:56	DOBRAR A ESQUERDA COM MUITO CUIDADO!!!
16,86 10,47	 66		01:11:48	ACESSO BROCHIER A 500M
17,41 10,81	 67		01:12:38	
17,48 10,86	 68		01:12:44	SEGUINDO PARA MARATÁ

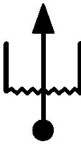





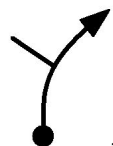


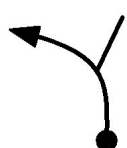
DISTÂNCIA Km mi	Referência	MÉDIA Km/h mi/h	TEMPO	OBSERVAÇÕES
18,107 11,251 AFER	 69		01:13:41	ERS 411 ROD. ROBERTO CARDOSO
18,242 11,335 AFER	 70	<b>N</b> 0:02:07	01:13:53 T8	<b>FIM DESLOCAMENTO</b> ORELHAO JUNTO A AGROPECUARIA TCHE
18,242 11,335 <b>0,000</b>	 71	<b>V</b> 49 30.45	01:16:00 T9	<b>INICIO ZONA CONTROLADA 03</b> ORELHAO JUNTO A AGROPECUARIA TCHE <b>ZERE SEU HODÔMETRO</b>
1,346 0,836 AFER	 72		01:17:39	KM 2
2,879 1,789 AFER	 73		01:19:31	PINHEIROS
6,712 4,171 AFER	 74		01:24:13	MADECRUZ NA ESQUERDA
8,425 5,235 AFER	 75		01:26:19	KM 9
10,520 6,537 AFER	 76		01:28:53	BOM JARDIM
13,474 8,372 AFER	 77		01:32:30	KM 14
15,041 9,346 AFER	 78		01:34:25	CHARRUA NA ESQUERDA

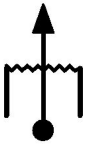

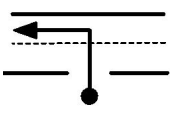

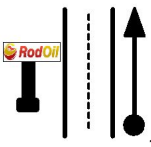
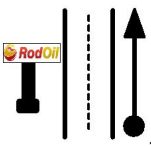




DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
18,180 11,297 <i>AFER</i>	 79	<b>V</b> 40 24.85	01:38:15  T10	FIM ZONA CONTROLADA BROCHIER  INICIO DO DESLOCAMENTO
18,246 11,338 <i>AFER</i>	 80		01:38:21	
18,30 11,37	 81		01:38:26	AV. IRMÃOS BROCHIER
18,57 11,53	 82		01:38:50	
18,66 11,59	 83		01:38:59	
18,83 11,70	 84		01:39:14	
18,98 11,79	 85		01:39:27	SEGUINDO PARA MARATA
19,32 12,00	 86		01:39:58	
19,49 12,11	 87		01:40:13	
19,53 12,13	 88		01:40:17	SEGUINDO PARA MARATA

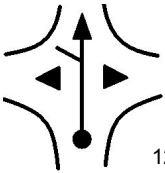

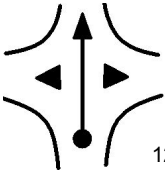







DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
19,585 12,170 <i>AFER</i>	 89		01:40:22	MARATA A 3KM
21,310 13,241 <i>AFER</i>	 90		01:42:57	LIMITE MARATA BROCHIER
22,84 14,19	 91		01:45:15	MARATA
23,00 14,29	 92		01:45:29	
23,092 14,349 <i>AFER</i>	 93		01:45:37	FIM DESLOCAMENTO
23,092 14,349	Neutro 94	N 0:14:23	01:45:37 T11	<b>NEUTRALIZADO</b>
				15 MINUTOS
<b>Road Book Automático</b> A planilha que anda sozinha  				<b>NavTotem</b> Novo sistema de navegação de baixíssimo custo para periféricos <b>Android</b>
23,092 14,349 <b>0,000</b>	 95	V 40 24.85	02:00:00 T12	INÍCIO DESLOCAMENTO
<b>0,17</b> <b>0,11</b>				<b>ZERE SEU HODÔMETRO</b>
	 96		02:00:16	



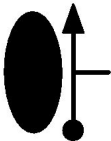









DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
0,20 0,12	 97		02:00:19	
0,26 0,16	 98		02:00:25	
0,41 0,26	 99		02:00:38	
0,53 0,33	 100		02:00:49	
0,65 0,40	 101		02:01:00	PARQUE OKTOBER MORRO IBITICA
0,76 0,47	 102		02:01:10	
0,99 0,62	 103		02:01:30	
1,017 0,632 <i>AFER</i>	 104		02:01:32	
1,12 0,70	 105		02:01:42	SEGUINDO PARA RST-470
1,20 0,75	 106		02:01:49	INICIO CALÇAMENTO

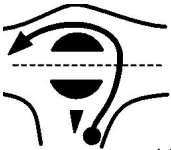


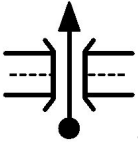
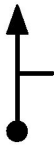


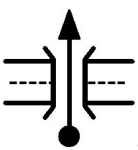


DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
1,680 1,044 <i>AFER</i>	 107		02:02:32	INICIO DO ASFALTO
2,067 1,284 <i>AFER</i>	 108		02:03:06	LINHA KERBER
2,25 1,39	 109		02:03:23	PELO ASFALTO SEGUINDO PARA RODOVIA RST- 470
2,945 1,830 <i>AFER</i>	 110		02:04:26	JBS
3,49 2,16	 111		02:05:15	SEGUINDO PARA RODOVIA RST-470
5,58 3,46	 112		02:08:23	FIM DO ASFALTO
6,96 4,32	 113		02:10:27	SEGUINDO PARA RODOVIA RST-470
7,68 4,77	 114		02:11:32	
8,08 5,02	 115		02:12:08	INICIO DO ASFALTO
9,02 5,60	 116		02:13:32	SEGUINDO NO ASFALTO

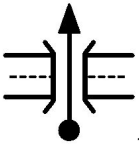



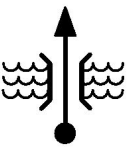
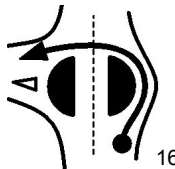


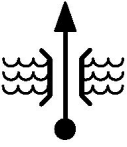

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
9,34 5,80	 117		02:14:01	FIM DO ASFALTO
10,31 6,40	 118		02:15:28	
10,51 6,53	 119		02:15:46	DOBRAR A ESQUERDA NO ASFALTO COM MUITO CUIDADO
13,217 8,213 AFER	 120		02:19:50	KM 273
13,774 8,559 AFER	 121	<b>N</b> 0:03:20	02:20:40 T13	FIM DO DESLOCAMENTO POSTO BARCAROLLO (DÍSTICO RODOIL NA ESQUERDA)
13,774 8,559 0,000	 122	<b>V</b> 46 28.58	02:24:00 T14	<b>INICIO ZONA CONTROLADA 04</b> POSTO BARCAROLLO (DÍSTICO RODOIL NA ESQUERDA) <b>ZERE SEU HODÔMETRO</b>
0,769 0,478 AFER	 123		02:25:00	VALE DO CAI
1,618 1,005 AFER	 124		02:26:07	DOM DIOGO
9,428 5,858 AFER	 125		02:36:18	TUNEL ROTA COLONIAL 200M
12,686 7,883 AFER	 126		02:40:33	ATENCAO ESCOLA A 200M






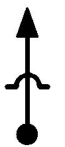

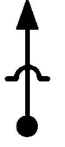

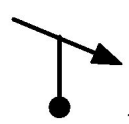
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
15,23 9,46	 127		02:43:52	
16,236 10,089 <i>AFER</i>	 128	<b>V</b> 49 <b>30.45</b>	02:45:11  T15	
16,49 10,24	 129		02:45:29	SEGUINDO PARA BARÃO
17,97 11,16	 130		02:47:18	SEGUINDO NA RST 470
20,106 12,493 <i>AFER</i>	 131		02:49:55	SÃO PEDRO DA SERRA ACESSO AO CENTRO
21,61 13,42	 132		02:51:46	PARA CARLOS BARBOSA
24,89 15,46	 133		02:55:47	
26,414 16,413 <i>AFER</i>	 134		02:57:39	LINHA CAMILO
27,036 16,799 <i>AFER</i>	 135	<b>V</b> 30 <b>18.64</b>	02:58:24  T16	FIM ZONA CONTROLADA BARÃO  INICIO DESLOCAMENTO
27,54 17,11	 136		02:59:25	




DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
27,70 17,21	 137		02:59:44	AV. BUARQUE DE MACEDO
27,76 17,24	 138		02:59:51	
27,79 17,26	 139		02:59:55	
27,96 17,37	 140		03:00:15	PREF. MUNICIPAL BARÃO NA ESQUERDA
28,43 17,66	 141		03:01:12	PARA CARLOS BARBOSA
30,072 18,686 <i>AFER</i>	 142	<b>V</b> 60 <b>37.28</b>	03:04:29  T17	KM 243
31,33 19,46	 143		03:05:44	PARA CARLOS BARBOSA
32,109 19,952 <i>AFER</i>	 144		03:06:31	KM 241
36,20 22,49	 145		03:10:36	PARA BENTO GONÇALVES
39,592 24,601 <i>AFER</i>	 146		03:14:00	PORTO ALEGRE CARLOS BARBOSA GARIBALDI

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
39,61 24,61	 147		03:14:01	SEGUINDO PARA BENTO GONÇALVES COM CUIDADO
39,853 24,763 <i>AFER</i>	 148	<b>V</b> 70 <b>43.50</b>	03:14:15  T18	RST 470 RODOVIA SEM PEDÁGIO
41,60 25,84	 149		03:15:45	PARA BENTO GONÇALVES
42,38 26,33	 150		03:16:25	
43,65 27,12	 151		03:17:31	
44,20 27,46	 152		03:17:59	
44,50 27,65	 153		03:18:14	
44,70 27,77	 154		03:18:25	
45,25 28,11	 155		03:18:53	
46,810 29,086 <i>AFER</i>	 156		03:20:13	

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
47,89 29,75	 157		03:21:09	
49,48 30,74	 158		03:22:31	BENTO GONÇALVES VERANÓPOLIS NOVA PRATA
49,90 31,00	 159		03:22:52	PARA FARROUPILHA CAXIAS VACARIA INGRESSANDO NA RS 453
51,226 31,830 <i>AFER</i>	 160		03:24:00	TAMANDARE
54,30 33,74	 161		03:26:38	
55,75 34,64	 162		03:27:53	PARA BENTO GONÇALVES PINTO BANDEIRA
55,93 34,75	 163		03:28:03	RS 444
57,42 35,68	 164		03:29:19	
59,45 36,94	 165		03:31:03	
59,833 37,178 <i>AFER</i>	 166		03:31:23	KM 4

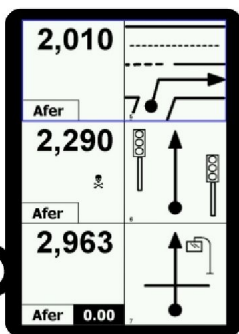
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
60,10 37,34	 167		03:31:37	PARA BENTO GONÇALVES
62,17 38,63	 168		03:33:23	NA RUA CARLOS DREHER NETO
62,39 38,76	 169		03:33:34	(RUA CARLOS DREHER NETO)
62,57 38,87	 170		03:33:44	(RUA CARLOS DREHER NETO)
62,73 38,97	 171		03:33:52	(RUA CARLOS DREHER NETO)
62,85 39,05	 172		03:33:58	(RUA CARLOS DREHER NETO)
64,50 40,07	 173		03:35:23	NA RUA JOANA G. TONELO
64,80 40,26	 174		03:35:38	(RUA JOANA G. TONELO)
64,91 40,33	 175		03:35:44	(RUA JOANA G. TONELO)
65,10 40,45	 176		03:35:54	NA RUA JOSÉ BENEDETTI

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
65,218	 177		03:36:00	VÍNICOLA LOVARA
40,525				
<i>AFER</i>				
65,218	<b>Neutro</b> 178	<b>N</b> 1:30:00	03:36:00	<b>NEUTRALIZADO</b>
40,525				
<i>AFER</i>				
			<b>T19</b>	VINOCOLA LOVARA - ALMOÇO 01h 30min

**AGUARDE O SEU TEMPO DE PROVA PARA SAÍDA DO ALMOÇO.  
APRESENTE O CONTROLE DE PASSAGEM (NA ÚTIMA PÁGINA DO LIVRO) À ORGANIZAÇÃO**

### Road Book Automático


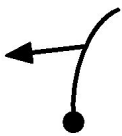


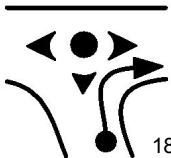
A planilha que anda sozinha



### NavTotem

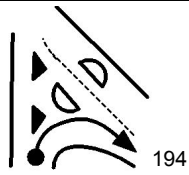



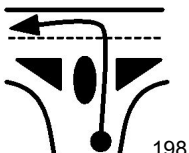

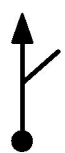

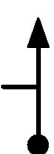
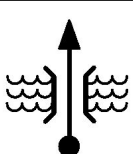
Novo sistema de navegação  
de baixíssimo custo  
para periféricos



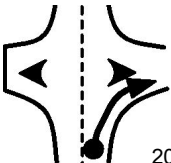

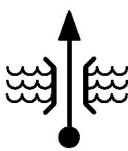
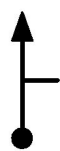


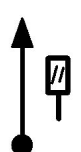

**Android**

65,218	 179	<b>V</b> 40 24.85	05:06:00	INICIO DESLOCAMENTO VÍNICOLA LOVARA
40,525				
<b>0,000</b>				
0,10	 180		05:06:09	<b>ZERE SEU HODÔMETRO</b> NA RUA JOANA G. TONELO
0,06				
0,30	 181		05:06:27	(RUA JOANA G. TONELO)
0,18				
0,40	 182		05:06:36	(RUA JOANA G. TONELO)
0,24				
0,66	 183		05:06:59	NA RUA CARLOS DREHER NETO INICIO DO ASFALTO
0,41				



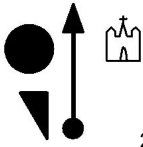





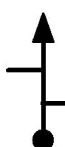
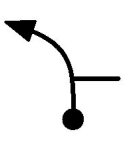


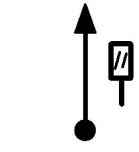

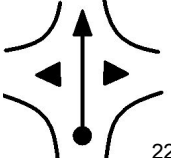

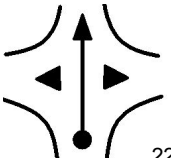
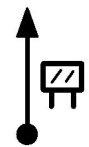
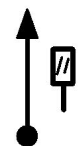


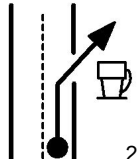
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
2,35 1,46	 184		05:09:31	(RUA CARLOS DREHER NETO)
2,45 1,52	 185		05:09:40	(RUA CARLOS DREHER NETO)
2,61 1,62	 186		05:09:55	(RUA CARLOS DREHER NETO)
2,80 1,74	 187		05:10:12	(RUA CARLOS DREHER NETO)
3,00 1,86	 188		05:10:30	DOBRAR A ESQUERDA COM MUITO CUIDADO NA RUA ARISTIDES BERTUOL (RS-444)
4,470 2,778 <i>AFER</i>	 189	<b>V</b> 60 37.28	05:12:42 T21	KM 05
5,00 3,10	 190		05:13:14	
5,33 3,31	 191		05:13:34	
5,68 3,52	 192		05:13:55	
7,770 4,828 <i>AFER</i>	 193		05:16:00	

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
9,30 5,77	 194		05:17:32	DOBRAR A DIREITA COM MUITO CUIDADO INGRESSANDO NA RS 453
9,49 5,89	 195		05:17:44	KM 107
10,75 6,68	 196		05:18:59	
13,682 8,502 <i>AFER</i>	 197		05:21:55	TAMANDARE
15,15 9,41	 198		05:23:23	SEGUINDO PARA GARIBALDI / CARLOS BARBOSA COM MUITO CUIDADO
18,379 11,420 <i>AFER</i>	 199		05:26:37	
19,25 11,96	 200		05:27:29	
20,35 12,64	 201		05:28:35	PARA CARLOS BARBOSA PORTO ALEGRE
20,90 12,98	 202		05:29:08	
22,80 14,16	 203		05:31:02	

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
23,42 14,55	 204		05:31:39	
25,345 15,749 <i>AFER</i>	 205		05:33:35	MONTENEGRO
25,45 15,81	 206		05:33:41	PARA MONTENEGRO
26,470 16,448 <i>AFER</i>	 207		05:34:42	FIM DA 3a. FAIXA
27,30 16,96	 208		05:35:32	
28,85 17,92	 209		05:37:05	PARA SALVADOR DO SUL SÃO PEDRO
31,096 19,322 <i>AFER</i>	 210		05:39:20	LINHA SOBRA
33,73 20,95	 211		05:41:58	PARA BARAO
34,022 21,140 <i>AFER</i>	 212		05:42:15	KM 242
36,54 22,70	 213		05:44:46	PERÍMETRO URBANO INÍCIO PISTA DUPLA



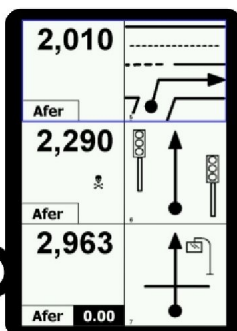
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
36,65 22,77	 214		05:44:53	
37,07 23,03	 215		05:45:18	
37,27 23,15	 216		05:45:30	
37,38 23,22	 217		05:45:37	
37,550 23,332 <i>AFER</i>	 218	<b>N</b> 0:00:13	05:45:47 T22	FIM DESLOCAMENTO
37,550 23,332 <b>0,000</b>	 219	<b>V</b> 50 31.07	05:46:00 T23	<b>INICIO ZONA CONTROLADA 05</b> <b>ZERE SEU HODÔMETRO</b>
0,532 0,331 <i>AFER</i>	 220		05:46:38	KM 246
2,579 1,603 <i>AFER</i>	 221		05:49:06	KM 248
5,57 3,46	 222		05:52:41	PARA SALVADOR DO SUL MONTENEGRO
8,18 5,08	 223		05:55:49	

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
8,706 5,410 <i>AFER</i>	 224		05:56:27	KM 254
9,39 5,83	 225		05:57:16	SEGUINDO NA RODOVIA
10,96 6,81	 226		05:59:09	
11,284 7,012 <i>AFER</i>	 227		05:59:32	
12,23 7,59	 228		06:00:41	
15,762 9,794 <i>AFER</i>	 229		06:04:55	FAIXA DE PEDESTRES A 100M
18,882 11,733 <i>AFER</i>	 230		06:08:39	KM 264
25,746 15,998 <i>AFER</i>	 231		06:16:54	CANAVAL / DON DIOGO
26,666 16,569 <i>AFER</i>	 232	<b>V</b> 40 <b>24.85</b>	06:18:00  T24	FIM ZONA CONTROLADA  INICIO DESLOCAMENTO
27,42 17,03	 233		06:19:08	INGRESSANDO NO POSTO BARCAROLLO

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES	
27,495	 234		06:19:15	FIM DESLOCAMENTO	
17,085					
<i>AFER</i>					
27,495	Neutro 235	N 0:14:45	06:19:15	NEUTRO 15 MINUTOS	
17,085					
					T25

### Road Book Automático

A planilha que anda sozinha





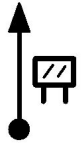
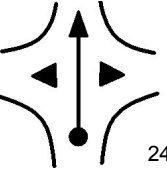
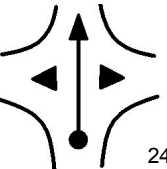


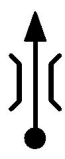

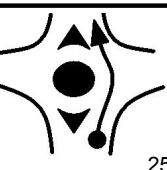
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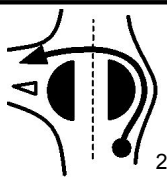




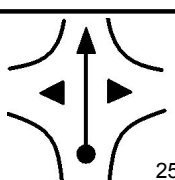

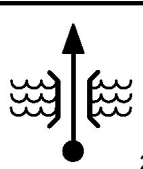
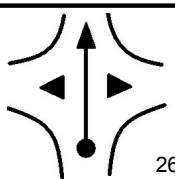
Novo sistema de navegação  
de baixíssimo custo  
para periféricos





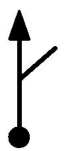
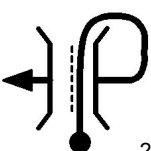




**Android**


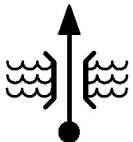

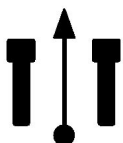

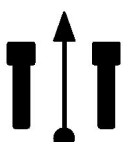




27,495	 236	V 48 29.83	06:34:00	T26	<b>INICIO ZONA CONTROLADA 06</b>
17,085					
<b>0,000</b>					
0,05	 237		06:34:03		INGRESSANDO NA RODOVIA COM CUIDADO
0,03					
1,445	 238		06:35:48		HARMONIA
0,898					
<i>AFER</i>					
2,872	 239		06:37:35		ATENCAO ESCOLA A 200M
1,785					
<i>AFER</i>					
5,98	 240		06:41:28		
3,71					
7,670	 241		06:43:35		KM 280
4,766					
<i>AFER</i>					


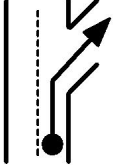


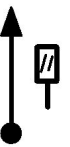
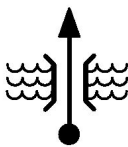

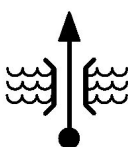




DISTÂNCIA Km mi	Referência	MÉDIA Km/h mi/h	TEMPO	OBSERVAÇÕES
9,86 6,12	 242		06:46:19	
12,533 7,788 AFER	 243		06:49:40	ENTRADA E SAIDA DE CAMINHOS A 200M
14,168 8,804 AFER	 244		06:51:42	ENTRADA
14,52 9,02	 245		06:52:09	
15,22 9,45	 246		06:53:01	
15,577 9,679 AFER	 247	<b>V</b> 60 <b>37.28</b>	06:53:28 T27	FIM ZONA CONTROLADA COMAUTO A 500M  INICIO DESLOCAMENTO
16,05 9,97	 248		06:53:56	DOBRAR A DIRETA NA ROTATÓRIA INGRESSANDO NA RODOVIA COM CUIDADO!!! (RENAULT NA DIREITA)
16,80 10,43	 249		06:54:41	
17,785 11,051 AFER	 250		06:55:40	
19,25 11,96	 251		06:57:08	






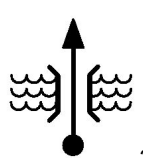




DISTÂNCIA Km mi	Referência	MÉDIA Km/h mi/h	TEMPO	OBSERVAÇÕES
20,521 12,751 AFER	 252		06:58:24	
21,79 13,54	 253		06:59:41	DOBRAR A ESQUERDA COM MUITO CUIDADO!!! SEGUINDO NA RODOVIA RS-124
22,105 13,735 AFER	 254		06:59:59	KM 25
22,279 13,844 AFER	 255	<b>N</b> 0:03:50	07:00:10 T28	FIM DESLOCAMENTO MARSUL
22,279 13,844 <b>0,000</b>	 256	<b>V</b> 50 31.07	07:04:00 T29	<b>INICIO ZONA CONTROLADA 07</b> MARSUL <b>ZERE SEU HODÔMETRO</b>
0,922 0,573 AFER	 257		07:05:06	KM 26
1,27 0,78	 258		07:05:31	
1,909 1,186 AFER	 259		07:06:17	KM 27
2,52 1,56	 260		07:07:01	
3,18 1,97	 261		07:07:49	

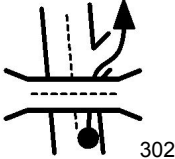

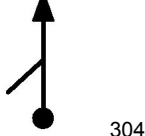
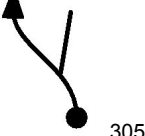
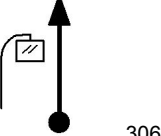
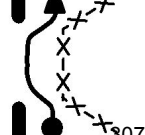
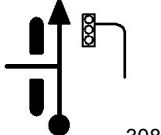
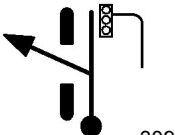
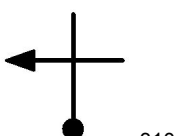
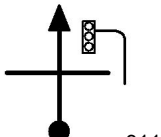
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
5,95 3,69	 262		07:11:08	
6,107 3,795 <i>AFER</i>	 263		07:11:20	KM 31
11,342 7,048 <i>AFER</i>	 264		07:17:37	KM 36
15,390 9,563 <i>AFER</i>	 265	<b>V</b> 70 43.50	07:22:28 T30	FIM ZONA CONTROLADA KM 40  INICIO DESLOCAMENTO
16,64 10,34	 266		07:23:32	
16,95 10,53	 267		07:23:48	PARA PORTO ALEGRE INGRESSANDO NA RODOVIA COM CUIDADO
18,030 11,203 <i>AFER</i>	 268		07:24:44	KM 421
19,90 12,36	 269		07:26:20	
21,00 13,04	 270		07:27:17	POLICIA RODOVIARIA FEDERAL
21,60 13,42	 271		07:27:47	PARA CANOAS PORTO ALEGRE

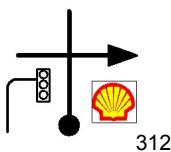
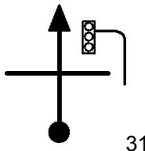
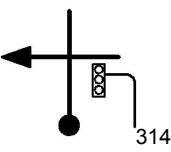
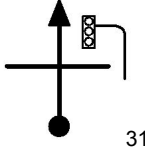
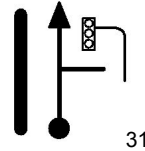
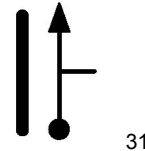
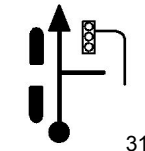

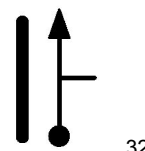
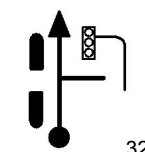
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
21,87 13,58	 272		07:28:01	VARZEA DO CAI
24,01 14,91	 273		07:29:51	
25,110 15,603 <i>AFER</i>	 274		07:30:48	KM 428
25,50 15,84	 275		07:31:08	FISCALIZACAO ELETRONICA 80 KM/H
30,097 18,701 <i>AFER</i>	 276		07:35:04	KM 433
31,68 19,68	 277		07:36:26	FISCALIZACAO ELETRONICA 50 KM/H
31,75 19,72	 278		07:36:29	
32,51 20,20	 279		07:37:08	
33,031 20,524 <i>AFER</i>	 280		07:37:35	
34,184 21,241 <i>AFER</i>	 281		07:38:35	


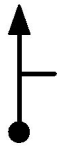
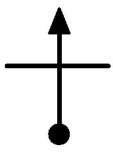
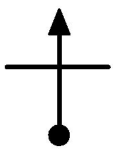
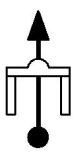
DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
36,50 22,68	 282		07:40:34	RIO CAI
37,40 23,23	 283		07:41:20	PARA PORTO ALEGRE AEROPORTO
38,857 24,145 <i>AFER</i>	 284		07:42:35	KM 11
39,09 24,28	 285		07:42:47	
39,867 24,772 <i>AFER</i>	 286		07:43:27	KM 12
40,52 25,17	 287		07:44:00	
40,887 25,406 <i>AFER</i>	 288		07:44:19	KM 13
41,36 25,70	 289		07:44:44	
42,893 26,652 <i>AFER</i>	 290		07:46:02	KM 15
43,906 27,282 <i>AFER</i>	 291		07:46:55	KM 16



DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
44,908 27,904 <i>AFER</i>	 292		07:47:46	KM 17
45,909 28,526 <i>AFER</i>	 293		07:48:38	KM 18
46,915 29,152 <i>AFER</i>	 294		07:49:29	KM 19
47,905 29,767 <i>AFER</i>	 295		07:50:20	KM 20
48,925 30,401 <i>AFER</i>	 296		07:51:13	KM 21
49,40 30,69	 297		07:51:37	RIO GRAVATAI (PONTE ESTAIADA) MANTENHA-SE NA FAIXA DA ESQUERDA
49,90 31,00	 298		07:52:03	SEGUINDO PARA AEROPORTO / LITORAL NORTE
50,070 31,112 <i>AFER</i>	 299		07:52:12	SEGUINDO PARA AEROPORTO / LITORAL NORTE[
50,55 31,41	 300		07:52:36	INGRESSANDO NA RODOVIA BR-290 (FREE WAY)
51,26 31,85	 301		07:53:13	KM 93 MANTENHA-SE NA FAIXA DA DIREITA

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
51,96 32,28	 302		07:53:49	SEGUINDO PARA AV. FARRAPOS / AEROPORTO SAINDO DA RODOVIA
52,13 32,39	 303		07:53:57	
52,56 32,65	 304		07:54:20	INGRESSANDO NA AV. DOS ESTADOS COM CUIDADO!
53,70 33,36	 305		07:55:18	SEGUINDO PARA CENTRO HISTÓRICO
54,652 33,959 <i>AFER</i>	 306		07:56:07	PORTO ALEGRE BEM-VINDOS
55,05 34,20	 307		07:56:28	ATENÇÃO!! DESVIO (TRECHO EM OBRAS)
55,50 34,48	 308		07:56:51	MANTENHA-SE NA FAIXA DA ESQUERDA (AV. FARRAPOS)
55,68 34,59	 309		07:57:00	SEGUINDO NA RUA PROF. SARMENTO BARATA (DESVIO)
55,78 34,66	 310		07:57:05	SEGUINDO NA RUA 18 DE NOVEMNRO (DESVIO)
55,96 34,77	 311		07:57:14	(RUA 18 DE NOVEMBRO) (DESVIO)

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
56,11 34,86	 312		07:57:22	SEGUINDO NA AV. CEARÁ (FIM DESVIO)
56,25 34,95	 313		07:57:29	MANTENHA-SE NA FAIXA DA ESQUERDA (AV. CEARÁ)
56,40 35,04	 314		07:57:37	SEGUINDO PARA BOURBON SHOPPING NA AV. SERTÓRIO
56,55 35,13	 315		07:57:45	(AV. SERTÓRIO)
56,67 35,21	 316		07:57:51	(AV. SERTÓRIO)
56,81 35,30	 317		07:57:58	(AV. SERTÓRIO)
56,97 35,39	 318		07:58:06	(AV. SERTÓRIO)
57,138 35,504 <i>AFER</i>	 319		07:58:15	BOURBON SHOPPING (AV. SERTÓRIO)
57,30 35,60	 320		07:58:23	(AV. SERTÓRIO)
57,42 35,67	 321		07:58:30	(AV. SERTÓRIO)

DISTÂNCIA Km <i>mi</i>	Referência	MÉDIA Km/h <i>mi/h</i>	TEMPO	OBSERVAÇÕES
57,50 35,72	 322		07:58:34	SEGUINDO NA AV. BRINO
57,56 35,76	 323		07:58:37	(AV. BRINO)
57,69 35,84	 324		07:58:43	(AV. BRINO)
57,81 35,92	 325		07:58:50	(AV. BRINO)
57,890 35,971	 326	<b>N</b> 0:00:00	07:58:54 T31	<b>CHEGADA!</b> CLASSIC CAR CLUB RS PARABÉNS!!!

**APRESENTE O CONTROLE DE PASSAGEM À ORGANIZAÇÃO PARA REGISTRO DO HORÁRIO DE CHEGADA (CHECK-IN)**



Planilha gerada pelo programa TotemPlanilha desenvolvido pela Totem.

**Esta é uma das formas que a Totem participa da evolução do Off Road.**

[www.totemonline.com.br](http://www.totemonline.com.br)





# XIV Rally da Serra



## FICHA DE CONTROLE DE HORÁRIO (CH) E CONTROLE DE PASSAGEM (CP)

Apresentar ao fiscal da prova nos momentos indicados abaixo

### LARGADA DA PROVA (CH)

Local: Shopping Total – Porto Alegre

Horário de controle: \_\_\_\_:\_\_\_\_:\_\_\_\_ (hh:mm:ss)

Assinatura do Competidor:

Assinatura do Fiscal:

### SAÍDA DO ALMOÇO (CP)

Local: Vinícola Lovara – Bento Gonçalves

Horário de controle: \_\_\_\_:\_\_\_\_:\_\_\_\_ (hh:mm:ss)

Assinatura do Competidor:

Assinatura do Fiscal:

### CHEGADA DA PROVA (CH)

Local: Sede do Classic Car Club RS – Porto Alegre

Horário de controle: \_\_\_\_:\_\_\_\_:\_\_\_\_ (hh:mm:ss)

Assinatura do Competidor:

Assinatura do Fiscal:



### CONTROLE DE HORÁRIO (CH)

**Artº 28º** - A largada e chegada dos carros deverá ser controlada por cartões denominado de “*controle de horário (CH)*” com registro obrigatório da hora e local de partida e de chegada; controle de passagem; e assinatura dos competidores e das autoridades fiscalizadoras.

**Parágrafo Primeiro** - Os concorrentes deverão portar obrigatoriamente o cartão de *controles de horários (CH)* e apresentá-lo a autoridade fiscalizadora, nos locais determinados (parque fechado), em hora e minutos designados.

**Parágrafo Segundo** - O check-in é o tempo obtido pela soma do tempo permitido para completar o percurso do dia, mais a hora e minuto que foi verificada na largada anterior (permitido somente a chegada à zona de controle de horário, dentro do minuto – 60 segundos – da hora determinada objeto da soma aqui mencionada). Se a largada do veículo, por exemplo, for às 07h00 e for estabelecido pelo livro de bordo que o total do percurso a ser realizado em todo o dia de rallye, levará 10 horas, então este veículo deve se apresentar entre 17h00 e 17h59s.

### CONTROLE DE PASSAGEM (CP)

**Artº 29º** – O *controle de passagem (CP)* será marcado pelas autoridades de fiscalização nas saídas de todas as paradas para almoço.