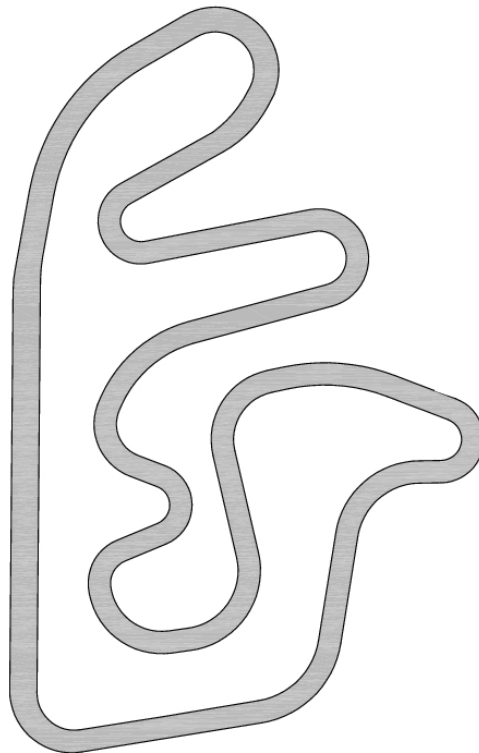


SIMULATION



Karting Circuit

Circuit Tabasalu (EST)



Date:	GZ:
06/12/2014	14-0200150 FS/HD

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1 INTRODUCTION

Simulation has been realized on basis of the circuit plan:

“2014-10-29 Tabasalu CIK-FIA format” received on „E-Mail – 28. November 2014“

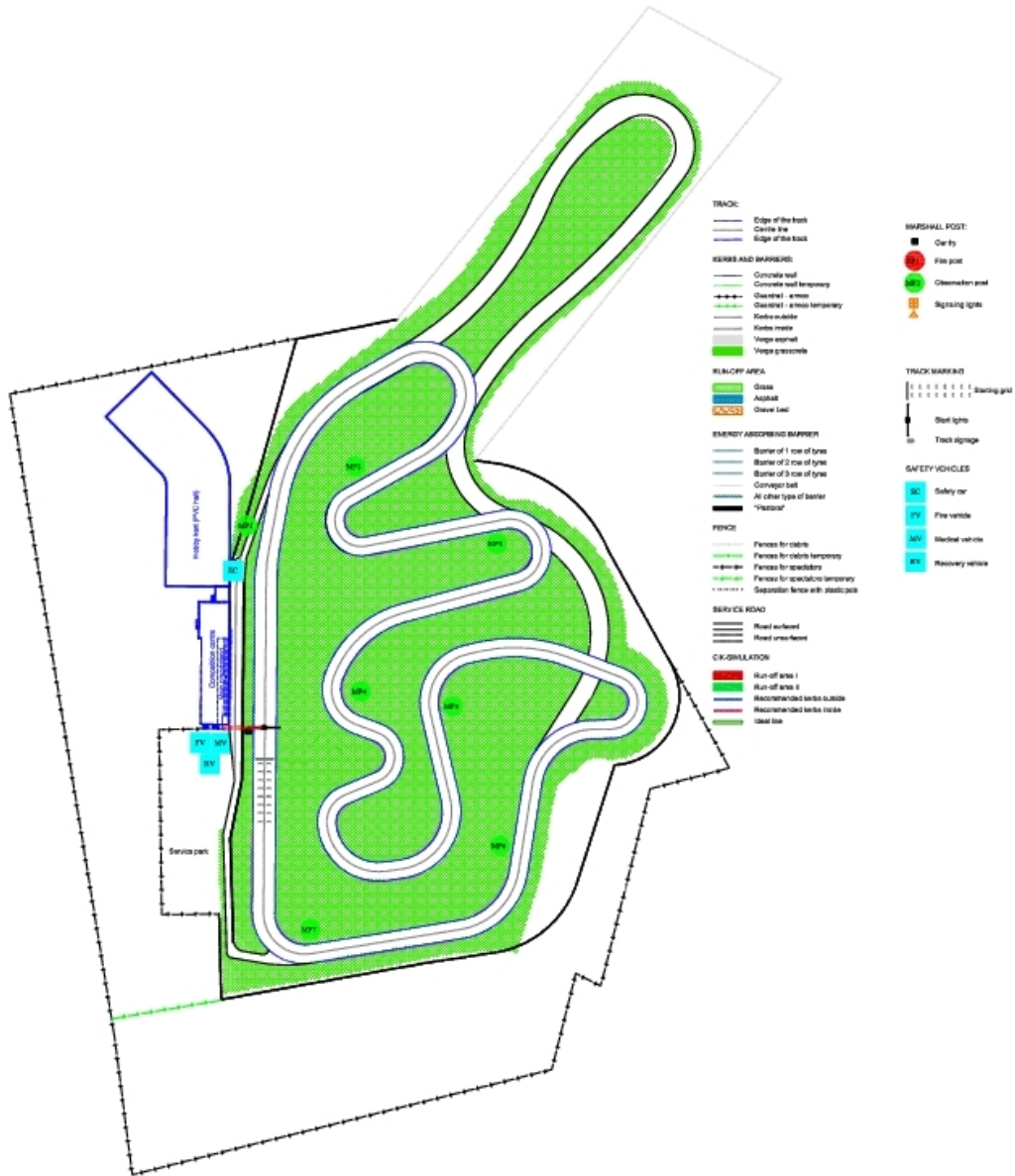
Basic: SC Kart 2014

CIK Circuit Regulations 2014



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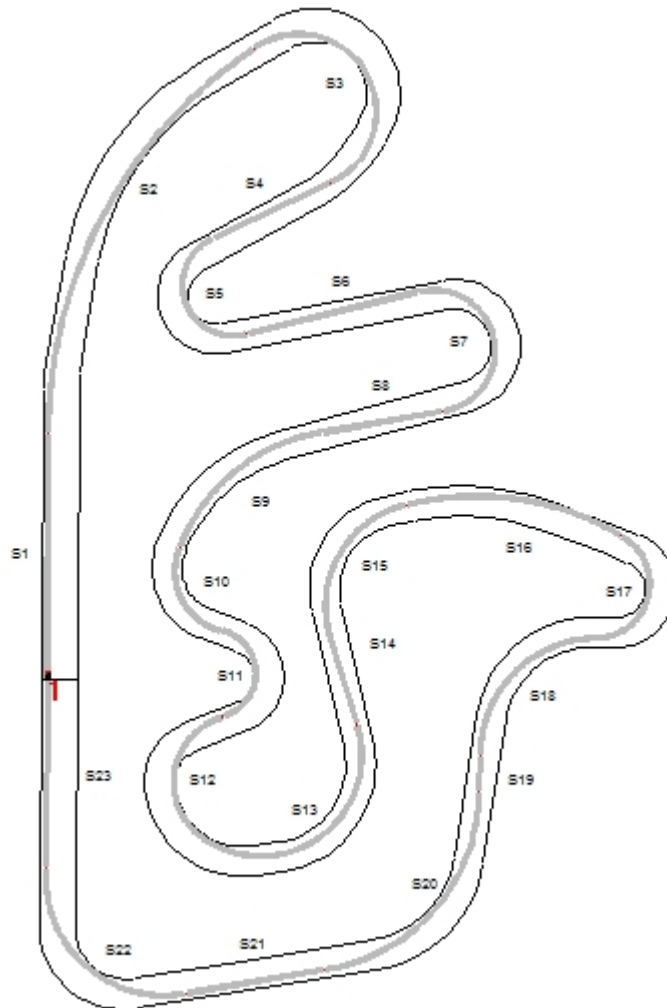
2 PLAN



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3 RACING LINE

The comments (remarks) make reference to the section numbers of this plan.



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4 TABLE OF VELOCITIES AND REVOLUTIONS

#	r[m]	length [m]	Total-length [m]	v theor [km/h]	v min [km/h]	v max [km/h]
1	-	74,0	74,0	>120	115	118,6375
2	140,0	137,0	211,0	>120	114,15161	118,54991
3	24,0	80,0	291,0	78,9	81,830779	113,16634
4	-	39,0	330,0	>120	85,264251	93,128512
5	16,0	48,0	378,0	64,4	71,405161	91,624967
6	-	53,0	431,0	>120	77,844101	89,391711
7	19,0	62,0	493,0	70,2	75,342371	87,081849
8	-	37,0	530,0	>120	79,173197	88,769808
9	56,0	58,0	588,0	>120	88,83922	92,622304
10	19,0	33,0	621,0	70,2	79,028606	88,234739
11	14,0	37,0	658,0	60	69,1892	78,301016
12	21,0	49,0	707,0	73,8	72,834433	75,54489
13	31,0	76,0	783,0	89,6	75,658392	85,667918
14	-	27,0	810,0	>120	85,991953	89,752483
15	32,0	52,0	862,0	91,1	89,369842	94,11117
16	86,0	67,0	929,0	>120	85,130485	99,958033
17	17,0	45,0	974,0	66,4	75,511644	84,150897
18	36,0	56,0	1030,0	97	82,176817	91,734213
19	-	11,0	1041,0	>120	91,932313	93,320172
20	55,0	78,0	1119,0	119,4	93,473603	103,43481
21	-	42,0	1161,0	>120	100,56811	104,92374
22	36,0	66,0	1227,0	96,6	95,931876	102,85787
23	-	56,0	1283,0	>120	103,26878	109,72981
Drawn Ideal-Line			1283,0		69,2 v min	118,6 v max

$$vm(\text{ideal}) = 1283 \text{ m} / 49,625 \text{ s} * 3,6 = 93,07 \text{ km/h} \Rightarrow vm(\text{ideal}) = 93,07 \text{ km/h}$$

$$vm(\text{middle}) = 1310,07 \text{ m} / 49,625 \text{ s} * 3,6 = 95,03 \text{ km/h} \Rightarrow vm(\text{middle}) = 95,03 \text{ km/h}$$



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5 TECHNICAL DETAILS TRACK CHARACTERISTICS

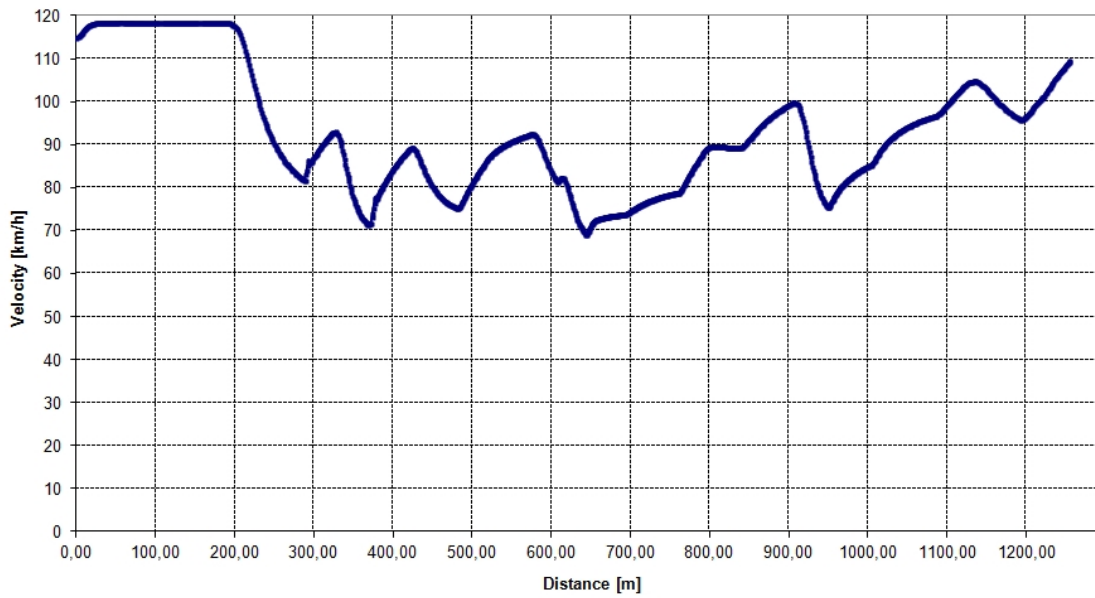
- Track length: 1310,07 m
- Length of ideal line: 1283,00 m
- Average speed: 95.03 km/h
- Maximum Speed: 118.60 km/h
- Minimum Speed: 69.20 km/h
- Lap time: 49,625 s



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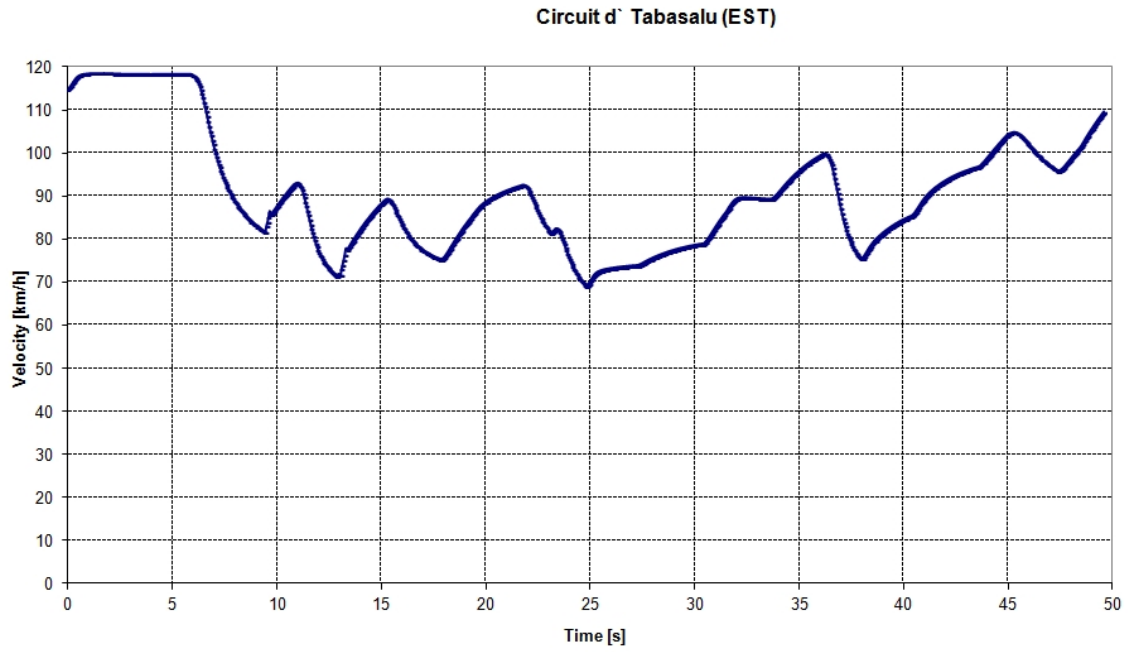
6 VELOCITY - DISTANCE - DIAGRAM

Circuit d' Tabasalu (EST)



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7 VELOCITY - TIME - DIAGRAM



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8 REMARKS

1	Track	ok
2	Run off areas	sufficient
3	Kerbs	To be checked at inspection
4	Pit exit	ok
5	Pit entry	ok
6	Distance between lanes	sufficient
7	Barriers	It will be checked at inspection, but distances between lanes are big enough
8	Other remarks	

