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# Hanggliding Challenge 2009

2009-08-22 to 2009-08-29

## HG-Challenge-Task5

### 2009-08-28 Task 5

#### Race to Goal 54,6 km

Provisional

No	Dist.	Id	Radius (meters)	Coordinates	Open	Close
1 SS	0,0 km	28-178	5000	Lat: 46.77472 Lon: 13.15222	13:15:00+02:00	16:30:00+02:00
2	7,7 km	22-100	400	Lat: 46.76389 Lon: 12.98084	13:15:00+02:00	16:30:00+02:00
3	38,7 km	36-214	5000	Lat: 46.75889 Lon: 13.45805	13:15:00+02:00	16:30:00+02:00
4	47,0 km	32-093	400	Lat: 46.715 Lon: 13.29416	13:15:00+02:00	16:30:00+02:00
5 ES	54,6 km	L2-060	1000	Lat: 46.7465 Lon: 13.19215	13:15:00+02:00	16:30:00+02:00

StartGate(s): 13:15:00+02:00

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Dist.	Dist. Points	Lead. Points	Time Points	Arr. Pos Points	Total
1	32	Dan Vyhnalik	M CZE	Combat L 14		13:15:00	14:20:53	01:05:53	49,7	54,57	533,9	54,7	218,6	39,0	846
2	10	Rainer Härtl	M GER	AIR Atos VR	Starr	13:15:00	14:31:35	01:16:35	42,8	54,57	533,9	40,7	151,4	30,5	757
3	29	Jonas Blecher	M GER	C 4	Junior	13:15:00	14:39:21	01:24:21	38,8	54,57	533,9	31,1	121,9	23,6	711
4	36	Lukas Vojacek	M CZE	Combat L 13	Junior	13:15:00	14:52:27	01:37:27	33,6	54,57	533,9	13,8	80,5	18,4	647
5	7	Achim Vollmer	M GER	Litespeed S		13:15:00	15:12:26	01:57:26	27,9	54,57	533,9	6,9	27,1	14,4	582
6	5	Matthias Kurzthaler	M AUT	Orbiter	Junior	13:15:00	15:25:38	02:10:38	25,1	54,57	533,9			11,6	546
7	22	Stephan Grundner	M AUT	Combat 13 L	Junior	13:15:00	15:34:17	02:19:17	23,5	54,57	533,9	0,5		9,8	544
8	16	Andreas Dürr	M GER	Orbiter 16		13:15:00	15:40:03	02:25:03	22,6	54,57	533,9			8,7	543
9	26	Ralf Lorenz	M GER	U2 160		13:15:00	15:43:23	02:28:23	22,1	54,57	533,9			8,1	542
10	27	Hanspeter Weiß	M GER	Laminar 14 Easy						44,53	484,7				485
11	33	Jaroslav Mäser	M CZE	Combat 14 L		13:15:00				43,33	476,9	4,1			481
12	19	Roland Hänggi	M SUI	AIR Atos VQ	Starr	13:15:00				37,16	426,5				427
13	35	Jiri Gut	M CZE	Litespeed RS		13:15:00				36,65	421,5				422
14	14	Martin Herzog	M GER	Spyder 15		13:15:00				13,20	264,3				264
15	6	Hauke Ludwig Haub	M GER	WW HP AT		13:15:00				11,76	254,8				255
16	21	Robert Bönisch	M DEU	Atos C	Junior/Starr	13:15:00				10,00	240,6				241
16	34	Filip Stanislav	M CZE	Litespeed 5		13:15:00				10,00	240,6				241

16	37	Frantisek Kostal	M	CZE	Combat L	Junior	13:15:00				10,00	240,6				241
16	28	Matthias Hambalek	M	DEU	Fusion 150	Junior					10,00	240,6				241
16	17	Herbert Fechner	M	DEU	Pamir		13:15:00				10,00	240,6				241
16	25	Thomas Dandler	M	AUT	Spyder 14	Junior	13:15:00				10,00	240,6				241
16	24	Torsten Götz	M	GER	Laminar Easy 2 M		13:15:00				10,00	240,6				241
16	23	Jörg Schalles	M	GER	Laminar Easy 12		13:15:00				10,00	240,6				241
16	3	Carmen Leibe	F	DEU	Laminar Easy 12	Lady					10,00	240,6				241
16	4	Claudia Schroll	F	AUT	Spirit L	Junior/Lady	13:15:00				10,00	240,6				241
26	13	Stefan Schönherr	M	GER	Laminar Easy 2 M						DNF	0,0				0
26	31	Johannes Straub	M	GER	AIR Atos VR	Starr					DNF	0,0				0
26	9	Josef Berchtold	M	GER	AIR Atos VQ	Starr					DNF	0,0				0
26	15	Georg Kerber	M	AUT	Exxtacy Bi	Starr					DNF	0,0				0
26	8	Tina Trost	F	GER	Relax 14	Lady					DNF	0,0				0

## **Pilots absent from task (ABS)**

<b>Id</b>	<b>Name</b>
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## **Pilots not yet processed (NYP)**

<b>Id</b>	<b>Name</b>
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## Task statistics

param	value
ss_distance	54.566
task_distance	54.566
no_of_pilots_present	30
no_of_pilots_flying	25
no_of_pilots_lo	16
no_of_pilots_reaching_nom_dist	13
no_of_pilots_reaching_es	9
no_of_pilots_reaching_goal	9
sum_flown_distance	702.801
best_dist	54.5
best_time	1.09805555555556
worst_time	2.47305555555556
no_of_pilots_in_competition	30
sum_dist_over_min	527.732
first_start_time	2009-08-28T13:15:00+02:00
first_finish_time	2009-08-28T14:20:53+02:00
max_time_to_get_time_points	2.14593701619677
no_of_pilots_with_time_points	5
k	0.2
arrival_weight	0.046147
departure_weight	0
leading_weight	0.0646058
time_weight	0.2584232
distance_weight	0.630824
smallest_leading_coefficient	1.11776813315044
available_points_distance	533.756170871458
available_points_time	218.658417714527
available_points_departure	0
available_points_leading	54.6646044286319
available_points_arrival	39.0461460204513
time_validity	0.91569253585638
launch_validity	0.924027777777778
distance_validity	1
day_quality	0.846125339035069

## Scoring formula settings

param	value
id	GAP2008
use_distance_points	1
use_time_points	1
use_departure_points	0
use_leading_points	1
use_arrival_position_points	1
use_arrival_time_points	0
min_dist	10

nom_dist	30
nom_time	1.5
nom_goal	0.3
day_quality	0
time_points_if_not_in_goal	0.8
jump_the_gun_factor	0
use_1000_points_for_max_day_quality	1
normalize_1000_before_day_quality	1
time_validity_based_on_pilot_with_speed_rank	1