



# 23rd FAI World HG Class 1 / 14th FAI Women World Hang Gliding Class 1 / 9th FAI World HG Class 5 Championships

Aug 6 - Aug 19, 2023

Krusevo, MKD

**Category 1**  
 HANG GLIDING CLASS 1  
 HANG GLIDING CLASS 5

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## Class 1 Task 1

2023-08-08

### Task info

Task is set 80.072 km. Start is at 14:15. Task deadline at 20:00

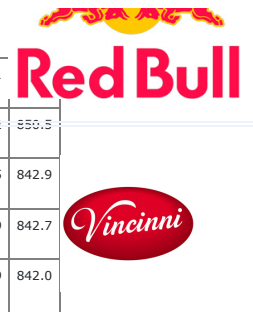
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Updated Aug 18, 2023 20:45

### Sponsors

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time [h:m:s]	Speed [km/h]	Distance [km]	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total	
1	63	Marco Laurenzi	M	ITA	Aeros Combat GT	Aeci, Digifly, Woodyvalley, Rotor	14:15:00	15:54:23	01:39:23	45.55	80.1	493.5	82.5	330.2	59.0	865.2
2	13	Alvaro Figueiredo Sandoli	M	BRA	Wills Wing T3	Rotor, WWMex, Champion	14:15:00	15:55:14	01:40:14	45.17	80.1	493.5	79.0	322.4	55.4	950.
3	58	Alex Ploner	M	ITA	Icaro2000 Laminar	Icaro2000 naviter woody valley	14:15:00	15:58:20	01:43:20	43.81	80.1	493.5	60.0	302.4	51.9	907.
4	22	Dan Vyhnalik	M	CZE	Aeros Combat C	LAA CR	14:15:00	16:03:18	01:48:18	41.80	80.1	493.5	58.9	275.5	48.7	876.0
5	105	Pedro L. Garcia	M	USA	Icaro2000 Laminar	IcaroUSA / Paradise AirSports / DigiflyUSA	14:15:00	16:04:47	01:49:47	41.24	80.1	493.5	63.9	268.0	42.8	868.2
6	20	Daniel Vales	M	CZE	Wills	https://www.sportklub.cz/...	14:15:00	16:04:23	01:49:23	41.23	80.1	493.5	55.3	268.0	45.7	868.2

Rank	ID	Name	Sex	Country	Category	Club	Start	End	Time	Score	Score	Score	Score	Score	Score
7	48	Gerd Dönhuber	M	DEU	Aeros Combat C	Skyline, Chiba	14:15:00	16:04:57	01:49:57	41.18	80.1	493.5	59.4	267.2	40.1
8	16	Guilherme Croce Sandoli	M	BRA	Wills Wing T3	WillsWing/Rotor	14:15:00	16:05:27	01:50:27	40.99	80.1	493.5	57.1	264.7	35.3
9	14	David Brito Filho	M	BRA	Wills Wing T3	Rotor willswing Corinthians	14:15:00	16:05:01	01:50:01	41.15	80.1	493.5	45.0	266.9	37.5
10	61	Filippo Oppici	M	ITA	Wills Wing T3	AEROCLUB D'ITALIA, WILLS WING, ROTOR, Flytec USA	14:15:00	16:06:33	01:51:33	40.59	80.1	493.5	56.9	259.4	32.9
11	53	Roland Woehrle	M	DEU	Moyes Litespeed RX 3.5 Pro	Skyline	14:15:00	16:06:57	01:51:57	40.44	80.1	493.5	62.2	257.4	28.9
12	90	Franz Herrmann	M	CHE	Aeros Combat C, 13.5	La Sportiva	14:15:00	16:06:49	01:51:49	40.49	80.1	493.5	55.7	258.1	30.9
13	60	Davide Guiducci	M	ITA	Icaro2000 Laminar	Aeroclub d'Italia Icaro 2000 Woody Valley	14:15:00	16:08:00	01:53:00	40.07	80.1	493.5	59.0	252.4	27.1
14	15	Glauco Pinto	M	BRA	Icaro2000 Laminar	CBVL CSCVL ROTOR ICARO2000	14:15:00	16:09:52	01:54:52	39.42	80.1	493.5	69.5	243.6	23.9
15	36	David Gregoire	M	FRA	Icaro2000 Laminar		14:15:00	16:08:26	01:53:26	39.91	80.1	493.5	58.0	250.4	25.5
16	56	Balazs Ujhelyi	M	HUN	Moyes Litespeed RX 3.5 Pro		14:15:00	16:14:28	01:59:28	37.90	80.1	493.5	65.1	222.7	22.5
17	41	Gordon Rigg	M	GBR	Moyes Litespeed RX 3.5 Pro	British HG & PG Association	14:15:00	16:16:10	02:01:10	37.37	80.1	493.5	56.0	215.2	21.2
18	2	Jon Durand	M	AUS	Moyes Litespeed RX 3.5 Pro	Moyes	14:15:00	16:22:38	02:07:38	35.47	80.1	493.5	43.8	187.3	20.0
19	78	Olav Opsanger	M	NOR	Moyes Litespeed RX 3.5 Pro	Moyes	14:15:00	16:27:12	02:12:12	34.25	80.1	493.5	46.0	168.3	17.1
20	69	Yoshihiko Ujiiie	M	JPN	Aeros Combat GT		14:15:00	16:26:24	02:11:24	34.46	80.1	493.5	41.5	171.6	18.0
21	52	Primož Gricar	M	DEU	Aeros Combat GT 13.5	Aeros,Naviter,Govinda	14:15:00	16:27:49	02:12:49	34.09	80.1	493.5	40.4	165.8	16.3
22	6	Trent Brown	M	AUS	Moyes Litespeed RX 3.5 Pro		14:15:00	16:26:14	02:11:14	34.50	80.1	493.5	26.1	172.3	18.9
23	42	Grant Crossingham	M	GBR	Moyes Litespeed RX 3.5 Pro	BHPA, Luisa Morales Rueda, Moyes, Symetrica	14:15:00	16:29:56	02:14:56	33.55	80.1	493.5	35.9	157.2	15.6
24	27	Robert Kulhanek	M	CZE	Icaro2000 Laminar	Nikola, LAA CR	14:15:00	16:35:05	02:20:05	32.32	80.1	493.5	49.0	136.5	13.9
25	17	Konrad Albert Heilmann	M	BRA	Moyes Litespeed RX 3.5 Pro	www.riohangliding.com, CSCVL	14:15:00	16:30:07	02:15:07	33.51	80.1	493.5	25.9	156.4	14.9
26	3	Rohan Taylor	M	AUS	Moyes Litespeed RX 3.5 Pro	Flight Suite	14:14:58	16:33:58	02:19:00	32.57	80.1	493.5	36.5	140.8	14.4
27	97	Hakan Andersson Bernardo	M	SWE	Aeros Combat GT		14:15:00	16:38:58	02:23:58	31.45	80.1	493.5	45.4	121.3	13.5
28	1	Guy Hubbard	M	AUS	Moyes Litespeed RX 3.5 Pro	Moyes	14:15:00	16:44:16	02:29:16	30.33	80.1	493.5	34.8	100.8	13.1
29	92	Jean-Daniel Kugler	M	CHE	Aeros Combat C AC 12.7	La Sportiva, Deltalab	14:15:00	16:51:07	02:36:07	29.00	80.1	493.5	20.5	74.8	12.8
30	68	Takashi Sunama	M	JPN	Aeros Combat GT		14:15:00	16:58:59	02:43:59	27.61	80.1	493.5	26.1	45.6	12.2
31	76	Joost Eertman	M	NLD	Icaro2000 Laminar	Flying Dutchman	14:15:00	16:57:15	02:42:15	27.90	80.1	493.5	15.7	52.0	12.6
32	51	Oliver Salewski	M	DEU	Icaro2000 Laminar		14:15:00	16:58:40	02:43:40	27.66	80.1	493.5	16.5	46.8	12.4
33	59	Christian Ciech	M	ITA	Icaro2000 Laminar	Icaro 2000-Woody Valley-AeCI	14:15:00				76.4	479.7	81.7		
34	24	Jaroslav Trestik	M	CZE	Wills Wing T2C	LAA	14:15:00	17:05:30	02:50:30	26.55	80.1	493.5	12.1	21.9	12.1
35	89	Damien Zahn	M	CHE	Moyes Litespeed RX 3.5 Pro	Moyes, Skyline, La Sportiva, Deltalab	14:15:00	17:26:00	03:11:00	23.70	80.1	493.5	25.0		11.9
36	54	Attila Bertok	M	HUN	Moyes Litespeed RX 5 Pro		14:15:00				70.7	449.2	63.8		
37	74	Arne Tanzer	M	NLD	Icaro2000	Flying Dutchman. Woody Valley	14:15:00				77.1	483.8	28.0		



					Laminar																
38	67	Hiroshi Suzuki	M	JPN	Icaro2000 Laminar						14:14:59					71.2	451.8	57.7			509.0
39	50	Marco Groebner	M	DEU	Moyes Litespeed RX Pro 3.5	Flugschule Oberberg, Skyline, DHV, Hoermann					14:15:00					77.8	486.6	21.8			508.4
40	91	Fredy Bircher	M	CHE	Moyes Litespeed RX 3 Pro	birdlike hang gliding					14:15:00	17:25:01	03:10:01	23.83		80.1	493.5			11.9	505.4
41	62	Manuel Revelli	M	ITA	Icaro2000 Laminar	AeCI					14:15:00					76.8	482.3	18.3			500.6
42	84	Franc Peternel	M	SVN	Wills Wing T3	NAVITER					14:15:00					71.0	450.9	29.5			480.4
43	95	Jaroslav Sojka	M	SVK	Icaro2000 Laminar	LAA SR, Teprofa Slovakia					14:15:00					71.1	451.6	27.0			478.6
44	4	Steve Docherty	M	AUS	Moyes Litespeed RX 3.5 Pro						14:15:00					69.8	442.8	14.2			457.0
45	40	Tao Le	M	FRA	Aeros Combat GT	GCVL					14:15:00					69.9	443.3	7.7			451.0
46	106	Robin Hamilton	M	USA	Aeros Combat C						14:15:00					69.0	435.2				435.2
47	12	Walter Mayer	M	AUT	Moyes Litespeed RX 4 Pro						14:15:00					65.8	409.5	25.5			435.0
48	30	Daniel Martin Mota	M	ESP	Moyes Litespeed RX 3 Pro						14:15:00					66.7	414.9	8.7			423.6
49	66	Fumio Kodaka	M	JPN	Moyes Litespeed RX 3.5 Pro						14:15:00					62.1	387.5	34.6			422.1
50	10	Raimund Kaiser	M	AUT	Icaro2000 Laminar						14:15:00					65.7	409.3	5.4			414.7
51	7	Christian Preininger	M	AUT	Aeros Combat C	Reisinger					14:14:58					62.5	389.7	22.6			411.3
52	83	Piers Throssell	M	NZL	Moyes Litespeed RX 3.5 Pro						14:15:00					62.6	390.2	20.7			410.9
53	18	Paulo Rogerio Gimenes	M	BRA	Moyes Litespeed RX 4 Pro	Ondas do ar/ CSCVL / Mechatronics / CBVL					14:14:39					61.7	385.1	26.6			401.2
54	70	Yuji Suzuki	M	JPN	Moyes Litespeed RX 3.5 Pro	Appreciate, Simplism, Valeur, etenoir, MCM no Megumi, Nishikawa					14:15:00					59.7	368.2	28.2			396.4
55	28	Antonio Jose Leton Carrasco	M	ESP	Aeros Combat GT	Lc arq					14:15:00					61.6	384.2	6.2			390.4
56	47	Corinna Schwiegershausen	F	DEU	Moyes Litespeed RX 3 Pro	Red Bull, Moyes, Woody Valley					14:15:00					59.9	369.8	6.5			376.3
57	8	Jochen Zeischka	M	AUT	Icaro2000 Laminar	Skyline Flightgear					14:15:00					55.5	339.3	20.3			359.6
58	39	Laurent Thevenot	M	FRA	Aeros Combat GT						14:15:00					58.7	359.0				359.0
59	37	Francois Isoard	M	FRA	Aeros Combat GT	FFVL - Delta Club Annecy					14:15:00					55.6	339.9	11.9			351.8
60	44	Oliver Chitty	M	GBR	Moyes Litespeed RX 5 Pro	BHPA, Crosscountry, Moyes, Xwings					14:15:00					54.2	332.4	8.6			341.0
61	93	Peter Neuenschwander	M	CHE	Aeros Combat C AC 12.7	www.bumblebee.com, La Sportiva					14:15:00					53.1	325.5	5.0			330.5
62	75	Gijs Wanders	M	NLD	Moyes Litespeed RX 3.5 Pro						14:15:00					53.2	325.9				325.9
63	11	Sasha Serebrennikova	F	AUT	Moyes Litespeed RX 3 Pro	Moyes, Lift, Drag and Pitch					14:15:00					49.6	303.3				303.3
64	26	Jiri Nadvornik	M	CZE	Wills Wing T2	LAA					14:35:00					46.7	291.2				291.2
65	102	John Simon	M	USA	Aeros Combat C	Paradise Airsports, US Aeros					14:15:00					45.5	285.6				285.6
66	49	Kajo Clauß	M	DEU	Aeros Combat GT	Carnet GmbH, Chiba					14:15:00					45.3	284.8				284.8
67	64	Akira Nagusa	M	JPN	Wills Wing T3	Wills Wing, ,RTC, QP, KEEN JAPAN, YMFS					14:15:00					44.5	279.8				279.8
68	29	Ataulfo J. Fernandez Montero	M	ESP	Icaro2000 Laminar	JUAKIAIR.ES					14:15:00					44.2	277.6				277.6
69	23	František Košťál	M	CZE	Wills Wing T2C	LAA Cr,					14:15:00					43.7	273.8				273.8

70	103	Joseph Guillemette	M	USA	Moyes Litespeed RX 4 Pro	Sport Aviation Services	14:15:00			41.0	252.7				252.7
71	34	Andrea Franchi	M	FRA	Aeros Combat C	FFVL , Delta Club Annecy	14:15:00			40.4	249.1				249.1
72	43	Jeremy Soper	M	GBR	Moyes Litespeed RX 4 Pro	www.XC-Buddy.com, BHPA, www.soper.tech	14:15:00			38.1	237.5				237.5
73	104	Mick Howard	M	USA	Moyes Litespeed RX 3.5 Pro	SkyRideUSA / Paradise Airsports	14:35:00			33.3	217.2				217.2
74	31	David Errea Ederra	M	ESP	Moyes Litespeed RX 3.5 Pro	Bryaxis - SEI	14:15:00			31.6	210.2				210.2
75	55	Attila Kis	M	HUN	Moyes Litespeed RX 3.5 Pro		14:15:00			30.5	204.6				204.6
76	65	Chisato Nojiri	F	JPN	Aeros Combat GT		14:15:00			27.4	188.6				188.6
77	25	Jiri Gut	M	CZE	Icaro2000 Laminar		14:15:00			21.9	167.6				167.6
78	77	Sander Van Schaik	M	NLD	Icaro2000 Laminar	sanderdelta.nl	14:15:00			21.5	165.9				165.9
79	33	Joel Miron De Soto	M	ESP	Wills Wing T2	ZENITH AVENTURA	14:15:00			21.0	163.8				163.8
80	9	Peter Siess	M	AUT	Icaro2000 Laminar		14:15:00			20.9	163.2				163.2
81	46	Andrew Hollidge	M	GBR	Wills Wing T3	bhpa	14:15:00			19.9	156.0				156.0
82	107	Willy Dydo	M	USA	Wills Wing T3	Wills Wing	14:15:00			19.2	150.4				150.4
83	80	Matthew Barlow	M	NZL	Moyes Litespeed RX 5 Pro	Performance Hang Gliding Ltd	14:15:00			19.0	148.2				148.2
84	81	Oliver Derry	M	NZL	Moyes Litespeed RX 4 Pro		14:15:00			18.9	147.6				147.6
85	71	Saulius Guobuzas	M	LTU	Wills Wing T3	LSPSF	14:35:00			18.5	142.8				142.8
86	73	Anne Conijn	M	NLD	Aeros Combat GT		14:35:00			18.3	140.4				140.4
87	100	Claudia Mejia	F	USA	Wills Wing T3	Paradise Airsports / Digifly USA	14:15:00			17.3	129.4				129.4
88	32	Iosu Errea	M	ESP	Icaro2000 Laminar	bryaxis - icaro	14:15:00			17.0	126.1				126.1
89	79	John Urlich	M	NZL	Moyes Moyes RS4		14:15:00			14.2	102.0				102.0
90	5	Steven Crosby	M	AUS	Moyes Litespeed RX 5 Pro		14:35:00			14.0	100.8				100.8
90	87	Jure Becan	M	SVN	Moyes Litespeed RX 3.5 Pro		14:35:00			13.9	100.8				100.8
92	82	Steve Bankier	M	NZL	Moyes Litespeed RX 4 Pro		14:15:00			13.1	95.1				95.1
93	96	Marian Csonka	M	SVK	Icaro2000 Laminar	Laa SR	14:35:00			13.0	94.1				94.1
94	45	Stephen Penfold	M	GBR	Moyes Litespeed RX 3.5 Pro	ripstra@msn.com	14:35:00			12.6	90.8				90.8
95	19	Thaise Galvan	F	BRA	Icaro 2000	CSCVL	14:15:00			11.5	81.4				81.4
96	57	László Ökrös	M	HUN	Moyes Litespeed RX 3.5 Pro		14:35:00			10.9	74.9				74.9
97	38	Francoise Dieuzeide-Banet	F	FRA	Moyes Litespeed RX 3 Pro		14:35:00			9.8	64.9				64.9
98	35	Jean-Louis Foglia	M	FRA	Aeros Combat C		14:35:00			9.7	63.4				63.4
99	98	Tommy Nilsson	M	SWE	Moyes Litespeed RX 3.5 Pro	-	14:35:00			9.1	58.4				58.4
100	94	Ubaldo Romano	M	CHE	Aeros Combat C AC 12,7	La Sportiva				7.0	42.6				42.6
100	86	Joze Verbic	M	SVN	Moyes Litespeed RX 3.5 Pro	MyAss	14:15:00			7.0	42.6				42.6

100	85	Joze Frim	M	SVN	Laminar 14.1 Icaro						14:15:00					7.0	42.6					42.6
100	101	Jessica Koerner	F	USA	Wills Wing Sport 3						14:35:00					7.0	42.6					42.6
100	72	Nikola Barakovski	M	MKD	Aeros Combat GT											7.0	42.6					42.6

## Task definition

No	Leg Dist.	Id	Radius	Open	Close	Coordinates	Altitude
1	0.0 km	D01	400 m	12:00	20:00	Lat: 41.3435, Lon: 21.25684	1410 m
2SS	4.0 km	V16	37000 m	14:15	20:00	Lat: 41.44583, Lon: 20.88633	877 m
3	18.7 km	V11	40000 m	14:15	20:00	Lat: 41.36433, Lon: 21.9255	849 m
4	35.9 km	V15	61000 m	14:15	20:00	Lat: 41.05867, Lon: 20.61867	914 m
5	49.9 km	V15	72000 m	14:15	20:00	Lat: 41.05867, Lon: 20.61867	914 m
6	60.0 km	V15	64000 m	14:15	20:00	Lat: 41.05867, Lon: 20.61867	914 m
7	66.4 km	V15	69000 m	14:15	20:00	Lat: 41.05867, Lon: 20.61867	914 m
8	72.8 km	V15	64000 m	14:15	20:00	Lat: 41.05867, Lon: 20.61867	914 m
9	77.9 km	B38	2000 m	14:15	20:00	Lat: 40.91267, Lon: 21.41717	580 m
10ES	79.5 km	A08	1000 m	14:15	20:00	Lat: 40.95217, Lon: 21.40216	600 m
11	80.1 km	A08	400 m	14:15	20:00	Lat: 40.95217, Lon: 21.40216	600 m

## Penalties

id	Name	Penalty %	Penalty Points	Penalty Reason
3	Rohan Taylor		1	Jumped the gun by 0:02
7	Christian Preininger		1	Jumped the gun by 0:02
18	Paulo Rogerio Gimenes		11	Jumped the gun by 0:21
67	Hiroshi Suzuki		1	Jumped the gun by 0:01

## Task statistics

param	value
task_distance	80.072
ss_distance	75.457
launch_to_ess_distance	79.471
qnh_setting	1013.25
no_of_pilots_in_competition	104
max_time_en_route	00:00:00
max_time_en_route_tp	0
no_of_pilots_present	104
no_of_pilots_flying	104
no_of_pilots_lo	69
no_of_pilots_landed_before_stop	0
sum_dist_over_min	4796.327
sum_real_dist_over_min	4796.327
sum_flown_distances	5512.951
best_dist	80.072
best_real_dist	80.072
best_time	1.6564
last_finisher_start_time	2023-08-08T14:15:00+02:00
last_start_time	2023-08-08T14:35:00+02:00
first_start_time	2023-08-08T14:14:39+02:00
first_finish_time	2023-08-08T15:54:23+02:00
last_finish_time	2023-08-08T17:26:00+02:00
last_outlanding_time	2023-08-08T17:57:53+02:00
no_of_pilots_reaching_es	35
no_of_pilots_reaching_goal	35
max_time_to_get_time_points	2.9434
goalratio	0.3365
arrival_weight	0.0611
departure_weight	0
leading_weight	0.0855
time_weight	0.3421
distance_weight	0.5113
smallest_leading_coefficient	1.1621
available_points_distance	493.4598
available_points_time	330.1529

available_points_departure	0
available_points_leading	82.5382
available_points_arrival	58.9559
time_validity	0.9932
launch_validity	1
distance_validity	0.9717
stop_validity	1
day_quality	0.9651
ftv_day_validity	0.9652
time_points_stop_correction	0

## Scoring formula settings

param	value
id	GAP2023
min_dist	7
nom_dist	80
nom_time	1.75
nom_launch	0.96
nom_goal	0.3
day_quality_override	0
bonus_gr	5
jump_the_gun_factor	2
jump_the_gun_max	300
normalize_1000_before_day_quality	0
time_points_if_not_in_goal	0.8
use_1000_points_for_max_day_quality	0
use_arrival_position_points	1
use_arrival_time_points	0
use_departure_points	0
use_difficulty_for_distance_points	1
use_distance_points	1
use_distance_squared_for_LC	1
use_leading_points	1
use_semi_circle_control_zone_for_goal_line	1
use_time_points	1
scoring_altitude	QNH
final_glide_decelerator	none
no_final_glide_decelerator_reason	
min_time_span_for_valid_task	53
score_back_time	15
use_proportional_leading_weight_if_nobody_in_goal	0
leading_weight_factor	1
turnpoint_radius_tolerance	0.001
turnpoint_radius_minimum_absolute_tolerance	5.0
number_of_decimals_task_results	1
number_of_decimals_competition_results	0
redistribute_removed_time_points_as_distance_points	1
use_best_score_for_ftv_validity	1
use_constant_leading_weight	0
use_pwca2019_for_lc	0
use_flat_decline_of_timepoints	1
use_leading_time_ratio	0

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