

XXII FAI WORLD HANG GLIDING CHAMPIONSHIP 2019



Organizzatori/Organizers



Partners/Sponsors



22nd FAI World Hang Gliding Class 1 Championship

Task 4

2019-07-12 to 2019-07-27, FAI Category 1 event

2019-07-19 Task 4

Race to Goal 143.4 km

Unofficial

No	Leg Dist.	Id	Radius	Open	Close	Coordinates	Altitude
1	0.0 km	D02	400 m	12:50	15:30	Lat: 46.27417 Lon: 13.17667	1170 m
2 SS	1.1 km	V02	40500 m	14:25	19:30	Lat: 46.00278 Lon: 12.79908	56 m
3	4.9 km	V02	37000 m	14:25	19:30	Lat: 46.00278 Lon: 12.79908	56 m
4	14.9 km	L06	2000 m	14:25	19:30	Lat: 46.28222 Lon: 13.26417	370 m
5	47.4 km	B31	9000 m	14:25	19:30	Lat: 46.23 Lon: 13.80444	1820 m
6	94.5 km	B05	24500 m	14:25	19:30	Lat: 46.35583 Lon: 12.78278	1087 m
7	118.6 km	B51	10000 m	14:25	19:30	Lat: 46.09192 Lon: 13.43165	120 m
8	141.0 km	Z11	400 m	14:25	19:30	Lat: 46.28065 Lon: 13.10928	197 m
9 ES	142.8 km	A02	1000 m	14:25	19:30	Lat: 46.30722 Lon: 13.11333	220 m
10	143.4 km	A02	400 m	14:25	19:30	Lat: 46.30722 Lon: 13.11333	220 m

StartGate(s): 14:25, 14:50

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
1	72	Alessandro Ploner	M ITA	ICARO	AeCI, Adidas, Icaro, Woody Valley, Naviter	14:25:00	17:10:45	02:45:45	51.3	143.40	445.0	91.8	388.5	69.4	995
2	73	Christian Ciech	M ITA	ICARO	AeCI - Icaro 2000 - Woody Valley	14:25:00	17:12:56	02:47:56	50.6	143.40	445.0	97.1	358.1	63.9	964
3	57	Primož Gricar	M GER	AEROE	Aeros,	14:25:00	17:13:47	02:48:47	50.4	143.40	445.0	95.8	350.7	61.3	953
4	10	Manfred Ruhmer	M AUT	ICARO	Icaro2000, Woody Valley	14:24:40	17:12:54	02:48:14	50.5	143.40	445.0	87.9	355.4	66.6	945
5	22	Glauco Pinto	M BRA	ICARO	CBVL ROTOR / ICARO 2000	14:25:00	17:14:19	02:49:19	50.2	143.40	445.0	88.9	346.3	58.8	939
6	44	Mario Alonzi	M FRA	AEROE	AEROS	14:25:00	17:15:39	02:50:39	49.8	143.40	445.0	83.0	336.4	56.4	921
7	24	Alvaro Figueiredo Sandoli	M BRA	WILLSWING	CBVL Coronata/WillsWing/Rotor	14:25:00	17:17:40	02:52:40	49.2	143.40	445.0	81.4	322.9	54.1	903
8	75	Genki Tanaka	M JPN	AEROE		14:25:00	17:27:04	03:02:04	46.7	143.40	445.0	79.8	272.3	51.9	849
9	67	Marco Laurenzi	M ITA	ICARO	AeCI, Flyve, Digifly, WoodyValley, ICARO2000	14:25:00	17:27:06	03:02:06	46.7	143.40	445.0	80.7	272.1	49.8	848
10	52	Grant Crossingham	M GBR	MOYES	Luisa, Moyes brauniger	14:25:00	17:27:14	03:02:14	46.6	143.40	445.0	79.4	271.5	47.7	844
11	16	Tschurnig Gunther	M AUT	ICARO	Wirth	14:25:00	17:33:31	03:08:31	45.1	143.40	445.0	75.0	243.4	45.7	809
12	28	Daniel Velez	M COL	WILLSWING	anamariavelasquez.com	14:25:00	17:33:41	03:08:41	45.0	143.40	445.0	73.9	242.7	43.8	805
13	78	Yuji Suzuki	M JPN	MOYES	etenoir, FoseKift, Nishikawa, simplism, yazine	14:25:00	17:34:53	03:09:53	44.8	143.40	445.0	79.1	237.6	38.6	800
14	107	Peter Neuenschwander	M SUI	AEROE	www.fly-bumblebee.com	14:25:00	17:35:28	03:10:28	44.6	143.40	445.0	81.1	235.2	37.0	798
15	56	Gerd Doenhuber	M GER	ICARO	Skyline Flightgear	14:25:00	17:34:03	03:09:03	45.0	143.40	445.0	70.3	241.1	40.2	797
16	79	Minoru Kato	M JPN	MOYES		14:25:00	17:36:56	03:11:56	44.3	143.40	445.0	80.6	229.2	31.3	786
17	45	Christian Pollet	M FRA	AEROE	no	14:25:00	17:36:46	03:11:46	44.3	143.40	445.0	77.1	229.9	32.6	785
18	74	Akira Nagusa	M JPN	WILLSWING	Takamaru Engineers KEEN Eruk	14:25:00	17:37:09	03:12:09	44.2	143.40	445.0	74.9	228.3	30.0	778
19	119	Pedro L. Garcia	M USA	WILLSWING	WillsWing / Digifly	14:25:00	17:35:54	03:10:54	44.5	143.40	445.0	60.8	233.4	34.0	773
20	29	Dan Vyhnalik	M CZE	AEROE	LAA CR	14:25:00	17:41:01	03:16:01	43.4	143.40	445.0	60.2	213.1	28.8	747
21	70	Filippo Oppici	M ITA	WILLSWING	AeCI, Wills Wing, ROTOR, Flytec USA	14:25:00	17:33:53	03:08:53	45.0	142.94	444.3	68.9	193.5	33.6	740

#	Id	Name		Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
22	54	Gordon Rigg	M	GBR	MOYES	Skybean	14:25:00	17:45:54	03:20:54	42.3	143.40	445.0	67.4	194.7	27.7	735
23	13	Walter Mayer	M	AUT	MOYES	T-WM.at	14:25:00	17:35:41	03:10:41	44.6	142.93	444.2	68.5	187.5	28.4	729
24	84	Arne Tanzer	M	NED	ICARO	Flying Dutchman, Woody Valley	14:25:00	17:53:29	03:28:29	40.8	143.40	445.0	54.4	167.7	26.6	694
25	34	Petr Polach	M	CZE	MOYES	LAA CR, pg-shop	14:25:00	17:58:02	03:33:02	39.9	143.40	445.0	70.4	152.3	22.9	691
26	15	Wolfgang Siess	M	AUT	WILLSWING	WillsWing, Gloryfy, Rotor	14:25:00	17:57:41	03:32:41	40.0	143.40	445.0	65.1	153.4	24.7	688
27	47	Antoine Saraf	M	FRA	AEROE	FFVL	14:25:00	17:57:43	03:32:43	40.0	143.40	445.0	64.0	153.3	23.8	686
28	115	Evgen Lysenko	M	UKR	AEROE	Aeros, Altair	14:25:00	17:57:18	03:32:18	40.0	143.40	445.0	59.8	154.7	25.6	685
29	50	Darren Brown	M	GBR	WILLSWING	Wills Wing UK	14:25:00	18:00:12	03:35:12	39.5	143.40	445.0	64.8	145.1	20.7	676
30	68	Davide Guiducci	M	ITA	ICARO	AeCI, Icaro 2000, Woody Valley	14:25:00	17:59:56	03:34:56	39.5	143.40	445.0	62.8	146.0	21.4	675
31	85	Joost Eertman	M	NED	ICARO		14:25:00	17:59:41	03:34:41	39.6	143.40	445.0	59.9	146.8	22.1	674
32	69	Suan Selenati	M	ITA	WILLSWING	Aeci, WILLS WING, WOODY VALLEY	14:25:00	18:00:17	03:35:17	39.5	143.40	445.0	62.2	144.8	20.0	672
33	76	Shogo Ota	M	JPN	AEROE	nissei,Tsukishimakikai	14:25:00	18:01:17	03:36:17	39.3	143.40	445.0	63.3	141.6	19.4	669
34	77	Takashi Sunama	M	JPN	AEROE		14:25:00	18:01:17	03:36:17	39.3	143.40	445.0	55.3	141.6	19.4	661
35	51	Dave Matthews	M	GBR	MOYES	BHPA	14:25:00	18:02:04	03:37:04	39.2	143.40	445.0	55.4	139.0	17.8	657
36	117	Zac Majors	M	USA	WILLSWING	Wills Wing, Flytec	14:25:00	18:03:29	03:38:29	38.9	143.40	445.0	54.7	134.5	17.4	652
37	48	Andrew Hollidge	M	GBR	WILLSWING	Bhpa	14:25:00	18:01:42	03:36:42	39.2	143.40	445.0	43.3	140.2	18.3	647
38	102	Matjaz Klemencic	M	SLO	MOYES	Red Bull, Naviter, Gloryfy	14:25:00	18:12:06	03:47:06	37.4	143.40	445.0	60.3	107.5	16.9	630
39	64	Laszlo Okros	M	HUN	MOYES		14:25:00	18:14:19	03:49:19	37.1	143.40	445.0	55.7	100.8	16.2	618
40	1	Steve Blenkinsop	M	AUS	MOYES		14:25:00	18:13:42	03:48:42	37.2	143.40	445.0	51.4	102.6	16.6	616
41	92	John Smith	M	NZL	ICARO		14:25:00	18:27:39	04:02:39	35.0	143.40	445.0	57.3	61.8	15.6	580
42	43	Eric Mathurin	M	FRA	MOYES		14:25:00	18:27:28	04:02:28	35.1	143.40	445.0	50.2	62.3	15.9	573
43	91	Olav Opsanger	M	NOR	MOYES	Moyes	14:25:00	18:29:55	04:04:55	34.7	143.40	445.0	44.9	55.4	15.4	561
44	9	Steve Docherty	M	AUS	MOYES		14:25:00	18:32:08	04:07:08	34.4	143.40	445.0	50.8	49.2	15.1	560
45	31	Jiri Gut	M	CZE	WILLSWING	Gut Composites ,Laa CR,	14:25:00	18:34:00	04:09:00	34.1	143.40	445.0	51.8	44.1	14.8	556
46	59	Joerg Bajewski	M	GER	ICARO	Timezone - ICARO 2000 - Aeros	14:25:00	18:33:21	04:08:21	34.2	143.40	445.0	44.9	45.9	14.9	551
47	122	Vanni Accattoli	M	ITA	MOYES	AeCI	14:25:00	18:34:02	04:09:02	34.1	143.40	445.0	36.4	44.0	14.6	540
48	55	Kajo Clauss	M	GER	AEROE	Carnet GmbH, Kunstflugzentrale	14:25:00	18:35:39	04:10:39	33.9	143.40	445.0	38.1	39.5	14.5	537
49	3	Rory Duncan	M	AUS	MOYES	Airborne, Moyes, ROTOR Australia	14:25:00	18:36:39	04:11:39	33.8	143.40	445.0	33.6	36.8	14.3	530
50	60	Georg Schweier	M	GER	WILLSWING	no set	14:24:53	18:36:54	04:12:01	33.7	143.40	445.0	33.3	35.8	14.2	525
51	8	Guy Hubbard	M	AUS	MOYES	Moyes	14:25:00	18:43:21	04:18:21	32.9	143.40	445.0	44.5	18.7	14.1	522
52	108	Franz Herrmann	M	SUI	AEROE	Herrmann Holzbau GmbH	14:25:00				142.41	442.9	74.9			518
53	66	Tullio Gervasoni	M	ITA	WILLSWING	AeCI/WILLS WING/WOODY VALLEY	14:25:00	18:47:02	04:22:02	32.4	143.40	445.0	48.8	9.0	13.9	517
54	53	Malcolm Brown	M	GBR	WILLSWING	Bhpa	14:25:00	18:46:58	04:21:58	32.4	143.40	445.0	43.6	9.2	14.0	512
55	38	Daniel Martin Mota	M	ESP	WILLSWING		14:25:00	18:43:39	04:18:39	32.9	143.40	445.0	25.9	17.9	14.1	503
56	103	Franc Peternel	M	SLO	MOYES	WIFE NAVITER	14:25:00				137.12	421.2	80.7			502
57	26	Tyler Borradaile	M	CAN	MOYES	Flytec USA, Moyes	14:25:00				138.73	430.3	68.6			499
57	58	Roland Woehrle	M	GER	MOYES	skyline sparkasse haslach/zell	14:25:00				141.06	438.7	60.3			499
59	25	Evan Smith	M	CAN	WILLSWING		14:25:00				138.72	430.2	59.1			489
60	33	Lukas Vojacek	M	CZE	AEROE		14:25:00				138.83	430.7	46.9			478
61	18	David Brito Filho	M	BRA	AEROE	CBVL Corinthians Rotor CBVL	14:25:00				138.64	429.9	36.7			467
62	109	Damien Zahn	M	SUI	MOYES	Moyes, Skyline, Deltalab, HighAdventure.ch	14:25:00				127.58	384.5	55.9			440
63	87	Gijs Wanders	M	NED	WILLSWING	-	14:25:00				133.58	403.4	30.2			434
64	42	Eric Wyss	M	FRA	ICARO	FFVL	14:25:00				130.54	392.3	36.8			429
65	96	Shane Mckay	M	NZL	ICARO		14:25:00				123.10	373.0	22.9			396
66	6	Craig Taylor	M	AUS	MOYES		14:25:00				122.99	372.7	19.6			392
67	21	Marcelo Andrei Gomes Da Rocha	M	BRA	AEROE	CBVL cscvl-moikano.com.br	14:25:00				118.59	356.3	33.6			390
68	89	Johnny Nilssen	M	NOR	ICARO	Hangglidning Lanzarote	14:25:00				118.60	356.4	29.8			386
69	35	Frantisek Kostal	M	CZE	AEROE	LAA CR, Torsolo	14:25:00				117.92	352.6	23.5			376
70	37	Alvaro Idigoras	M	ESP	WILLSWING		14:25:00				122.27	370.5	1.3			372
71	81	Young Don Lee	M	KOR	MOYES		14:25:00				119.73	361.6	8.6			370
72	95	Viv Clements	M	NZL	ICARO	Icaro OZ	14:25:00				120.02	362.8				363
73	82	Jaesun Moon	M	KOR	ICARO		14:25:00				119.93	362.4				362
74	116	Jeff Chipman	M	USA	MOYES		14:25:00				106.99	310.3	24.4			335
75	120	John Simon	M	USA	AEROE	US Aeros, Sport Aviation Svcs	14:25:00				103.26	297.3	34.9			332
75	71	Manuel Revelli	M	ITA	ICARO	AeCI	14:25:00				108.83	315.3	16.6			332
77	23	Konrad Heilmann	M	BRA	MOYES	CBVL www.riohanggliding.com	14:24:41				114.70	334.7				325
78	65	Noel Collins	M	IRL	MOYES		14:25:00				104.30	301.7	21.8			324
79	99	Mikolaj Przewdzia	M	POL	AEROE	PSP	14:25:00				108.57	314.6				315
80	114	Canberg Ozveren	M	TUR	AEROE	Turkish Aeronautical Association	14:25:00				104.95	304.0	7.6			312
81	118	Will Ramsey	M	USA	WILLSWING		14:25:00				100.86	287.2	22.9			310
81	62	Attila Kis	M	HUN	MOYES		14:25:00				100.08	283.7	25.9			310
83	11	Christian Tiefenbacher	M	AUT	ICARO	Moderne Raumgestaltung Tiefenbacher, RCP Vermietung	14:25:00				101.06	288.0	16.5			305

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
84	30	Jiri Nadvornik	M CZE	WILLSWING	LAACR	14:25:00				98.39	275.2	16.8			292
85	88	Emiel Jansen	M NED	ICARAO	https://www.mooietenten.nl	14:25:00				98.92	278.2	12.3			291
86	14	Alexander Sigl	M AUT	WILLSWING	P.S.	14:25:00				97.50	270.1	19.7			290
87	112	Hakan Andersson Bernardo	M SWE	AEROE		14:25:00				94.79	249.6	36.5			286
88	2	Rohan Taylor	M AUS	MOYES	Flight Suite	14:25:00				97.28	268.8	12.1			281
89	20	Eduardo Oliveira	M BRA	ICARAO	CBVL VIVAAOVENTO CORINTHIANS	14:25:00				96.01	260.0	12.2			272
90	7	Nils Vesik	M AUS	MOYES	Ideas with Legs	14:25:00				97.35	269.2				269
91	86	Tanno Rutten	M NED	WILLSWING		14:25:00				97.05	267.3				267
92	46	Francois Isoard	M FRA	AEROE	FFVL - DCA	14:25:00				93.50	237.5	26.5			264
92	97	Tom Kellner	M NZL	AEROE	IBL	14:25:00				96.14	260.9	3.1			264
94	101	Konstantin Lukyanov	M RUS	MOYES		14:25:00				95.71	257.7				258
95	83	Sander Van Schaik	M NED	ICARAO	sanderdelta.nl	14:25:00				95.62	256.9				257
96	4	Trent Brown	M AUS	MOYES		14:25:00				93.40	236.5	17.6			254
97	90	Jens Krotseng	M NOR	MOYES	Me	14:25:00				94.91	250.7				251
98	123	Igriza Flora	M ITA	ICARAO	bottega d'arte orafa Flora e Comoretto	14:25:00				93.87	240.9	6.9			248
99	106	Ubaldo Romano	M SUI	AEROE	Delta club Interlaken	14:25:00				93.29	235.4	10.6			246
100	98	Piers Throssell	M NZL	MOYES		14:25:00				93.22	234.7				235
101	113	Kamil Demirkan	M TUR	AEROE	Turkish Aeronautical Association	14:25:00				92.75	229.6				230
101	94	Matthew Barlow	M NZL	MOYES	Nil	14:25:00				91.87	219.8	9.8			230
103	5	Peter Burkitt	M AUS	MOYES		14:25:00				92.44	226.1				226
104	27	Hernan Cortes Pinones	M CHI	WILLSWING		14:25:00				90.22	202.5				203
105	61	Carlos Rolando Alvarado	M GUA	WILLSWING	Asociación Nacional de Vuelo Libre Guatemala	14:25:00				83.46	167.7				168
105	93	Derek Mckee	M NZL	ICARAO	Celabit	14:25:00				83.41	167.6				168
107	40	Jesus Mari Hernando Duque	M ESP	WILLSWING		14:25:00				65.53	133.0				133
108	39	Tximo Iriarte	M ESP	AEROE	AIS Servicios Integrales destrucciondedocumentacion.com	14:50:00				64.74	131.3				131
109	110	Markel Neideman	M SWE	AEROE		14:25:00				48.43	99.5				100
110	100	Felix Cantesanu	M ROU	AEROE	AEROS	14:25:00				44.37	91.1				91
111	105	Stanislav Galovec	M SLO	ICARAO		14:25:00				37.91	76.3				76
112	49	Gary Wirdnam	M GBR	ICARAO		14:25:00				31.57	63.1				63
113	17	Fabio Thomaz	M BRA	MOYES	CBVL www.rioadelta.com.br	14:25:00				17.71	37.9				38
114	41	Chomin Gallego Escribano	M ESP	AEROE		14:25:00				8.28	19.8				20
115	104	Janez Grm	M SLO	AEROE	Janez	14:50:00				7.00	17.2				17
116	32	Petr Tucek	M CZE	WILLSWING	AVIATIK					DNF	0.0				0
116	111	Tommy Nilsson	M SWE	MOYES		14:25:00				99.21	279.7				0
116	12	Joseph Salvenmoser	M AUT	MOYES	RED BULL					DNF	0.0				0

Penalties

Note: % penalty is used to calc penalty as a % of total score. Both types can be combined. None affect the scoring of other pilots.

Id	Name	% penalty	points penalty	Reason
10	Manfred Ruhmer		10	Jumped the gun by 0:20
23	Konrad Heilmann		10	Jumped the gun by 0:19
60	Georg Schweier		4	Jumped the gun by 0:07
111	Tommy Nilsson	100%	0	Airspace Infringement

Pilots absent from task (ABS)

Id	Name
19	Max Turiaco
80	Yoko Sano

Pilots not yet processed (NYP)

Id	Name
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Task statistics

param	value
ss_distance	141.653
task_distance	143.401
launch_to_ess_distance	142.8
no_of_pilots_present	118
no_of_pilots_flying	116
no_of_pilots_lo	64
no_of_pilots_reaching_nom_dist	107
no_of_pilots_reaching_es	54
no_of_pilots_reaching_goal	52
sum_flown_distance	13829.682
best_dist	143.401
best_time	2.7625
worst_time	4.367222222222222
no_of_pilots_in_competition	120
no_of_pilots_landed_before_stop	0
sum_dist_over_min	13020.567
sum_real_dist_over_min	13020.567
sum_flown_distances	13829.682
best_real_dist	143.401
last_start_time	2019-07-19T14:50:00+02:00
first_start_time	2019-07-19T14:24:40+02:00
first_finish_time	2019-07-19T17:10:45+02:00
max_time_to_get_time_points	4.42457701385947
no_of_pilots_with_time_points	54
goalratio	0.448275862068966
arrival_weight	0.0693784646766985
departure_weight	0
leading_weight	0.0971298505473779
time_weight	0.388519402189512
distance_weight	0.444972282586412
smallest_leading_coefficient	1.88156170563045
available_points_distance	444.972282586412
available_points_time	388.519402189512
available_points_departure	0
available_points_leading	97.1298505473779
available_points_arrival	69.3784646766985
time_validity	1
launch_validity	1
distance_validity	1
stop_validity	1
day_quality	1
ftv_day_validity	1
time_points_stop_correction	0

Scoring formula settings

param	value
id	GAP2018
min_dist	7
nom_dist	70
nom_time	1.5
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

param	value
use_time_points	1
scoring_altitude	QNH
final_glide_decelerator	none
no_final_glide_decelerator_reason	
min_time_span_for_valid_task	90
score_back_time	15
use_proportional_leading_weight_if_nobody_in_goal	0
leading_weight_factor	1
turnpoint_radius_tolerance	0.001

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FS development, maintenance and support by 