

XXII FAI WORLD HANG GLIDING CHAMPIONSHIP 2019



Organizzatori/Organizers



Partners/Sponsors



22nd FAI World Hang Gliding Class 1 Championship

Task 1

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

2019-07-15 Task 1

Race to Goal 86.3 km

Official

No	Leg Dist.	Id	Radius	Open	Close	Coordinates	Altitude
1	0.0 km	D01	400 m	13:00	15:30	Lat: 46.23083 Lon: 12.80694	980 m
2 SS	3.0 km	A07	23000 m	14:30	18:00	Lat: 46.40417 Lon: 12.88361	370 m
3	30.4 km	M03	8000 m	14:30	18:00	Lat: 46.01028 Lon: 12.41861	960 m
4	47.5 km	B58	1000 m	14:30	18:00	Lat: 46.16917 Lon: 12.65361	300 m
5	84.2 km	Z11	1000 m	14:30	18:00	Lat: 46.28065 Lon: 13.10928	197 m
6 ES	85.7 km	A02	1000 m	14:30	18:00	Lat: 46.30722 Lon: 13.11333	220 m
7	86.3 km	A02	400 m	14:30	18:00	Lat: 46.30722 Lon: 13.11333	220 m

StartGate(s): 14:30, 15:00

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
1	73	Christian Ciech	M ITA	ICARO	AeCI - Icaro 2000 - Woody Valley	14:30:00	15:59:04	01:29:04	55.7	86.25	382.1	100.9	431.9	77.1	992
2	72	Alessandro Ploner	M ITA	ICARO	AeCI, Adidas, Icaro, Woody Valley, Naviter	14:30:00	15:59:46	01:29:46	55.3	86.25	382.1	108.0	412.4	74.9	977
3	69	Suan Selenati	M ITA	WILLS WING	Aeci, WILLS WING, WOODY VALLEY	14:30:00	16:02:28	01:32:28	53.7	86.25	382.1	97.8	376.0	72.8	929
4	67	Marco Laurenzi	M ITA	ICARO	AeCI, Flyve, Digify, WoodyValley, ICARO2000	14:30:00	16:07:09	01:37:09	51.1	86.25	382.1	101.0	332.4	70.7	886
5	107	Peter Neuenschwander	M SUI	AEROS	www.fly-bumblebee.com	14:30:00	16:07:37	01:37:37	50.8	86.25	382.1	101.9	328.6	68.6	881
6	10	Manfred Ruhmer	M AUT	ICARO	Icaro2000, Woody Valley	14:30:00	16:07:47	01:37:47	50.7	86.25	382.1	101.3	327.3	64.7	875
7	70	Filippo Oppici	M ITA	WILLS WING	AeCI, Wills Wing, ROTOR, Flytec USA	14:30:00	16:07:45	01:37:45	50.8	86.25	382.1	92.8	327.5	66.6	869
8	24	Alvaro Figueiredo Sandoli	M BRA	WILLS WING	CBVL Coronata/WillsWing/Rotor	14:30:00	16:08:03	01:38:03	50.6	86.25	382.1	98.6	325.1	61.0	867
9	22	Glauco Pinto	M BRA	ICARO	CBVL ROTOR / ICARO 2000	14:30:00	16:08:00	01:38:00	50.6	86.25	382.1	93.8	325.5	62.8	864
10	21	Marcelo Andrei Gomes Da Rocha	M BRA	AEROS	CBVL cscvl-moikano.com.br	14:30:00	16:08:41	01:38:41	50.3	86.25	382.1	100.0	320.2	59.2	862
11	66	Tullio Gervasoni	M ITA	WILLS WING	AeCI/WILLS WING/WOODY VALLEY	14:30:00	16:09:07	01:39:07	50.1	86.25	382.1	84.4	316.8	55.7	839
12	103	Franc Peternel	M SLO	MOYES	WIFE NAVITER	14:30:00	16:09:55	01:39:55	49.7	86.25	382.1	93.3	310.8	49.4	836
13	52	Grant Crossingham	M GBR	MOYES	Luisa, Moyes brauniger	14:30:00	16:10:17	01:40:17	49.5	86.25	382.1	99.5	308.1	45.1	835
14	12	Joseph Salvenmoser	M AUT	MOYES	RED BULL	14:30:00	16:09:00	01:39:00	50.1	86.25	382.1	71.5	317.7	57.4	829
15	105	Stanislav Galovec	M SLO	ICARO		14:30:00	16:10:11	01:40:11	49.5	86.25	382.1	90.3	308.8	46.5	828
15	119	Pedro L. Garcia	M USA	WILLS WING	WillsWing / Digifly	14:30:00	16:09:56	01:39:56	49.7	86.25	382.1	87.0	310.7	47.9	828
17	78	Yuji Suzuki	M JPN	MOYES	etenoir, FoseKift, Nishikawa, simplism, yazine	14:30:00	16:09:38	01:39:38	49.8	86.25	382.1	81.1	312.9	50.9	827
18	44	Mario Alonzi	M FRA	AEROS	AEROS	14:30:00	16:09:25	01:39:25	49.9	86.25	382.1	74.9	314.6	54.1	826
19	56	Gerd Doenhuber	M GER	ICARO	Skyline Flightgear	14:30:00	16:10:29	01:40:29	49.4	86.25	382.1	93.2	306.6	42.5	824
19	26	Tyler Borradaile	M CAN	MOYES	Flytec USA, Moyes	14:30:00	16:10:27	01:40:27	49.4	86.25	382.1	91.6	306.9	43.8	824
21	79	Minoru Kato	M JPN	MOYES		14:30:00	16:10:49	01:40:49	49.2	86.25	382.1	95.1	304.2	40.0	821
22	17	Fabio Thomaz	M BRA	MOYES	CBVL www.rioadelta.com.br	14:30:00	16:09:34	01:39:34	49.8	86.25	382.1	66.9	313.4	52.5	815
23	91	Olav Opsanger	M NOR	MOYES	Moyes	14:30:00	16:10:32	01:40:32	49.4	86.25	382.1	84.7	306.3	41.2	814

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
24	75	Genki Tanaka	M JPN	AEROE		14:30:00	16:11:04	01:41:04	49.1	86.25	382.1	89.6	302.4	37.7	812
25	74	Akira Nagusa	M JPN	WILLSWING	Takamaru Engineers KEEN Eruk	14:30:00	16:11:00	01:41:00	49.1	86.25	382.1	85.9	302.9	38.8	810
26	18	David Brito Filho	M BRA	AEROE	CBVL Corinthians Rotor CBVL	14:30:00	16:11:12	01:41:12	49.0	86.25	382.1	88.9	301.4	35.5	808
27	15	Wolfgang Siess	M AUT	WILLSWING	WillsWing, Gloryfy, Rotor	14:30:00	16:12:08	01:42:08	48.6	86.25	382.1	89.8	294.8	32.6	799
28	108	Franz Herrmann	M SUI	AEROE	Herrmann Holzbau GmbH	14:30:00	16:12:36	01:42:36	48.4	86.25	382.1	90.7	291.6	30.8	795
29	16	Tschurnig Gunther	M AUT	ICARO	Wirth	14:30:00	16:11:10	01:41:10	49.0	86.25	382.1	71.5	301.7	36.6	792
30	58	Roland Woehrle	M GER	MOYES	skyline sparkasse haslach/zell	14:30:00	16:11:52	01:41:52	48.7	86.25	382.1	79.1	296.7	33.5	791
31	45	Christian Pollet	M FRA	AEROE	no	14:30:00	16:11:12	01:41:12	49.0	86.25	382.1	67.8	301.4	35.5	787
32	54	Gordon Rigg	M GBR	MOYES	Skybean	14:30:00	16:12:27	01:42:27	48.4	86.25	382.1	79.3	292.6	31.6	786
33	60	Georg Schweier	M GER	WILLSWING	no set	14:30:00	16:12:43	01:42:43	48.3	86.25	382.1	77.2	290.8	29.1	779
33	77	Takashi Sunama	M JPN	AEROE		14:30:00	16:12:39	01:42:39	48.3	86.25	382.1	75.9	291.2	29.9	779
35	100	Felix Cantesanu	M ROU	AEROE	AEROS	14:30:00	16:12:50	01:42:50	48.3	86.25	382.1	73.6	290.0	28.3	774
36	89	Johnny Nilssen	M NOR	ICARO	Hangglidning Lanzarote	14:30:00	16:13:00	01:43:00	48.2	86.25	382.1	74.7	288.8	27.5	773
37	92	John Smith	M NZL	ICARO		14:30:00	16:13:04	01:43:04	48.1	86.25	382.1	71.7	288.4	26.8	769
38	102	Matjaz Klemencic	M SLO	MOYES	Red Bull, Naviter, Gloryfy	14:30:00	16:17:47	01:47:47	46.0	86.25	382.1	92.0	257.7	24.8	757
39	85	Joost Eertman	M NED	ICARO		14:30:00	16:15:55	01:45:55	46.8	86.25	382.1	74.1	269.5	26.1	752
40	71	Manuel Revelli	M ITA	ICARO	AeCI	14:30:00	16:17:41	01:47:41	46.1	86.25	382.1	81.2	258.4	25.5	747
41	84	Arne Tanzer	M NED	ICARO	Flying Dutchman, Woody Valley	14:30:00	16:20:19	01:50:19	45.0	86.25	382.1	51.8	242.4	24.2	701
42	8	Guy Hubbard	M AUS	MOYES	Moyes	14:30:00	16:22:52	01:52:52	44.0	86.25	382.1	64.8	227.5	22.5	697
43	50	Darren Brown	M GBR	WILLSWING	Wills Wing UK	14:30:00	16:24:51	01:54:51	43.2	86.25	382.1	76.5	216.3	19.9	695
43	49	Gary Wirdnam	M GBR	ICARO		14:30:00	16:24:44	01:54:44	43.2	86.25	382.1	75.5	216.9	20.3	695
45	13	Walter Mayer	M AUT	MOYES	T-WM.at	14:30:00	16:22:22	01:52:22	44.2	86.25	382.1	57.5	230.4	23.1	693
46	43	Eric Mathurin	M FRA	MOYES		14:30:00	16:24:42	01:54:42	43.3	86.25	382.1	69.6	217.1	20.7	690
47	7	Nils Vesk	M AUS	MOYES	Ideas with Legs	14:30:00	16:24:41	01:54:41	43.3	86.25	382.1	66.5	217.2	21.1	687
48	57	Primož Grigar	M GER	AEROE	Aeros,	14:30:00	16:21:30	01:51:30	44.5	86.25	382.1	44.0	235.4	23.6	685
49	4	Trent Brown	M AUS	MOYES		14:30:00	16:24:02	01:54:02	43.5	86.25	382.1	57.7	220.9	21.6	682
50	1	Steve Blenkinsop	M AUS	MOYES		14:30:00	16:23:59	01:53:59	43.5	86.25	382.1	54.4	221.1	22.0	680
51	120	John Simon	M USA	AEROE	US Aeros, Sport Aviation Svcs	14:30:00	16:28:02	01:58:02	42.0	86.25	382.1	55.5	198.9	19.2	656
52	115	Evgen Lysenko	M UKR	AEROE	Aeros, Altair	14:30:00	16:26:02	01:56:02	42.8	86.25	382.1	42.0	209.7	19.5	653
53	101	Konstantin Lukyanov	M RUS	MOYES		14:30:00	16:28:46	01:58:46	41.8	86.25	382.1	50.2	195.0	18.9	646
54	99	Mikolaj Przewdzia	M POL	AEROE	PSP	14:30:00	16:28:51	01:58:51	41.7	86.25	382.1	48.6	194.5	18.6	644
55	31	Jiri Gut	M CZE	WILLSWING	Gut Composites ,Laa CR,	14:30:00	16:28:52	01:58:52	41.7	86.25	382.1	43.7	194.4	18.3	639
56	46	Francois Isoard	M FRA	AEROE	FFVL - DCA	14:30:00	16:34:21	02:04:21	39.9	86.25	382.1	64.7	166.1	18.0	631
57	19	Max Turiaco	M BRA	AEROE	CBVL AEROS	14:30:00	16:36:08	02:06:08	39.3	86.25	382.1	53.0	157.3	17.8	610
58	48	Andrew Hollidge	M GBR	WILLSWING	Bhpa	14:30:00	16:49:51	02:19:51	35.5	86.25	382.1	80.3	93.1	16.4	572
59	106	Ubaldo Romano	M SUI	AEROE	Delta club Interlaken	14:30:00	16:47:28	02:17:28	36.1	86.25	382.1	44.1	103.8	17.1	547
60	122	Vanni Accattoli	M ITA	MOYES	AeCI	14:30:00	16:46:34	02:16:34	36.3	86.25	382.1	28.3	107.9	17.5	536
60	28	Daniel Velez	M COL	WILLSWING	anamariavelasquez.com	14:30:00	16:46:42	02:16:42	36.3	86.25	382.1	28.9	107.3	17.3	536
62	29	Dan Vyhnalik	M CZE	AEROE	LAA CR	14:30:00	16:51:47	02:21:47	35.0	86.25	382.1	51.8	84.6	16.2	535
63	3	Rory Duncan	M AUS	MOYES	Airborne, Moyes, ROTOR Australia	14:30:00	16:48:18	02:18:18	35.9	86.25	382.1	29.4	100.1	16.8	528
64	11	Christian Tiefenbacher	M AUT	ICARO	Moderne Raumgestaltung Tiefenbacher, RCP Vermietung	14:30:00	16:47:33	02:17:33	36.1	86.25	382.1	22.8	103.4	16.9	525
65	68	Davide Guiducci	M ITA	ICARO	AeCI, Icaro 2000, Woody Valley	14:30:00	16:49:47	02:19:47	35.5	86.25	382.1	29.8	93.4	16.6	522
66	110	Markel Neideman	M SWE	AEROE		14:30:00	16:51:32	02:21:32	35.1	86.25	382.1	20.0	85.7	16.3	504
67	96	Shane Mckay	M NZL	ICARO		14:30:00	16:58:45	02:28:45	33.4	86.25	382.1	49.8	54.6	15.7	502
68	55	Kajo Clauss	M GER	AEROE	Carnet GmbH, Kunstflugzentrale	14:30:00	16:51:55	02:21:55	35.0	86.25	382.1	18.1	84.0	16.1	500
69	112	Hakan Andersson Bernardo	M SWE	AEROE		14:30:00	17:00:45	02:30:45	32.9	86.25	382.1	52.2	46.2	15.6	496
70	5	Peter Burkitt	M AUS	MOYES		14:30:00	16:55:30	02:25:30	34.1	86.25	382.1	19.7	68.4	16.0	486
71	81	Young Don Lee	M KOR	MOYES		14:30:00	16:57:32	02:27:32	33.6	86.25	382.1	19.8	59.8	15.8	478
72	25	Evan Smith	M CAN	WILLSWING		14:30:00	16:57:15	02:27:15	33.7	86.25	382.1	17.4	61.0	15.9	476
73	39	Tximo Iriarte	M ESP	AEROE	AIS Servicios Integrales destruccionsdocumentacion.com	14:30:00	16:59:33	02:29:33	33.2	86.25	382.1	20.6	51.3	15.7	470
74	14	Alexander Sigl	M AUT	WILLSWING	P.S.	14:30:00	17:06:58	02:36:58	31.6	86.25	382.1	18.0	20.7	15.6	436
75	20	Eduardo Oliveira	M BRA	ICARO	CBVL VIVAAOVENTO CORINTHIANS	14:30:00				82.95	373.6	47.8			421
76	23	Konrad Heilmann	M BRA	MOYES	CBVL www.riohanggliding.com	14:30:00	17:11:52	02:41:52	30.7	86.25	382.1	15.4	1.2	15.5	414
77	41	Chomin Gallego Escribano	M ESP	AEROE		14:30:00				83.50	375.7	17.7			393
78	47	Antoine Saraf	M FRA	AEROE	FFVL	14:30:00				72.27	332.9	51.9			385
79	53	Malcolm Brown	M GBR	WILLSWING	Bhpa	14:30:00				70.65	326.3	47.9			374
80	42	Eric Wyss	M FRA	ICARO	FFVL	14:30:00				71.25	329.2	28.7			358
81	59	Joerg Bajewski	M GER	ICARO	Timezone - ICARO 2000 - Aeros	14:30:00				71.12	328.7	20.4			349
82	30	Jiri Nadvornik	M CZE	WILLSWING	LAACR	14:30:00				68.56	313.9	34.1			348
83	6	Craig Taylor	M AUS	MOYES		14:30:00				72.83	334.5	7.8			342
84	51	Dave Matthews	M GBR	MOYES	BHPA	14:30:00				68.14	311.2	22.6			334
85	32	Petr Tucek	M CZE	WILLSWING	AVIATIK	14:30:00				68.11	310.9	10.7			322

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
86	64	Laszlo Okros	M HUN			14:30:00				68.13	311.1	9.2			320
87	65	Noel Collins	M IRL			14:30:00				67.60	306.3	8.2			315
88	9	Steve Docherty	M AUS			14:30:00				62.85	267.3				267
89	94	Matthew Barlow	M NZL		Nil	14:30:00				58.22	249.9				250
90	2	Rohan Taylor	M AUS		Flight Suite	14:30:00				54.10	236.7	3.9			241
91	123	Igriza Flora	M ITA		bottega d'arte orafa Flora e Comoretto	14:30:00				54.00	236.4				236
92	83	Sander Van Schaik	M NED		sanderdelta.nl	14:30:00				44.18	202.5				203
93	62	Attila Kis	M HUN			14:30:00				42.67	196.9				197
93	111	Tommy Nilsson	M SWE			14:30:00				42.69	197.0				197
95	86	Tanno Rutten	M NED			15:00:00				41.83	192.7				193
96	27	Hernan Cortes Pinones	M CHI			14:25:57				67.87	308.8	2.4			190
97	82	Jaesun Moon	M KOR			14:30:00				40.61	184.8				185
98	113	Kamil Demirkan	M TUR		Turkish Aeronautical Association	14:30:00				33.14	118.0				118
99	61	Carlos Rolando Alvarado	M GUA		Asociación Nacional de Vuelo Libre Guatemala	14:30:00				37.60	159.1				95
100	88	Emiel Jansen	M NED		https://www.mooietenten.nl	14:30:00				17.85	70.6				71
101	118	Will Ramsey	M USA							7.00	42.2				42
101	109	Damien Zahn	M SUI		Moyes, Skyline, Deltalab, HighAdventure.ch					7.00	42.2				42
101	90	Jens Krotseng	M NOR		Me					7.00	42.2				42
101	40	Jesus Mari Hernando Duque	M ESP							7.00	42.2				42
105	38	Daniel Martin Mota	M ESP			15:00:00				38.92	172.0				0
105	80	Yoko Sano	F JPN			14:30:00				46.95	210.6				0
105	95	Viv Clements	M NZL		Icaro OZ					7.00	42.2				0
105	76	Shogo Ota	M JPN		nissei,Tsukishimakikai	14:30:00				40.25	182.4				0
105	97	Tom Kellner	M NZL		IBL	14:30:00				41.81	192.6				0
105	93	Derek Mckee	M NZL		Celabit					7.00	42.2				0
105	117	Zac Majors	M USA		Wills Wing, Flytec	15:00:00				39.80	179.2				0
105	34	Petr Polach	M CZE		LAA CR, pg-shop	14:30:00				38.72	170.2				0
105	104	Janez Grm	M SLO		Janez	14:30:00				81.94	369.2	31.5			0
105	87	Gijs Wanders	M NED		-	15:00:00				38.62	169.2				0
105	33	Lukas Vojacek	M CZE			14:30:00				25.79	92.7				0
105	37	Alvaro Idigoras	M ESP			15:00:00				37.59	159.0				0
105	116	Jeff Chipman	M USA			14:30:00				83.91	376.9	24.4			0
105	35	Frantisek Kostal	M CZE		LAA CR, Torsolo	15:00:00				37.44	157.4				0
105	114	Canberg Ozveren	M TUR		Turkish Aeronautical Association	14:30:00	17:07:26	02:37:26	31.5	86.25	382.1	18.1	18.9	15.5	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
27	Hernan Cortes Pinones		122	Jumped the gun by 4:03
33	Lukas Vojacek	100%	0	Airspace Infringement
34	Petr Polach	100%	0	Airspace Infringement
35	Frantisek Kostal	100%	0	Airspace Infringement
37	Alvaro Idigoras	100%	0	Airspace Infringement
38	Daniel Martin Mota	100%	0	Airspace Infringement
61	Carlos Rolando Alvarado	40%	0	20m. from Airspace Limit
76	Shogo Ota	100%	0	Airspace Infringement
80	Yoko Sano	100%	0	Airspace Infringement
87	Gijs Wanders	100%	0	Airspace Infringement
93	Derek Mckee	100%	0	Airspace Infringement
95	Viv Clements	100%	0	Airspace Infringement
97	Tom Kellner	100%	0	Landed in a No Landing Zone
104	janez grm	100%	0	Airspace Infringement
114	CANBERG OZVEREN	100%	0	Airspace Infringement
116	Jeff Chipman	100%	0	Airspace Infringement
117	Zac Majors	100%	0	Airspace Infringement

Pilots absent from task (ABS)

Id	Name
36	Ataulfo J Fernandez Montero
63	Balazs Ujhelyi
98	Piers Throssell
121	Bruce Barmakian

Pilots not yet processed (NYP)

Id	Name
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Task statistics

param	value
ss_distance	82.699
task_distance	86.252
launch_to_ess_distance	85.652
no_of_pilots_present	119
no_of_pilots_flying	119
no_of_pilots_lo	43
no_of_pilots_reaching_nom_dist	85
no_of_pilots_reaching_es	76
no_of_pilots_reaching_goal	76
sum_flown_distance	8586.758999999999
best_dist	86.252
best_time	1.4844444444444444
worst_time	2.6977777777777778
no_of_pilots_in_competition	123
no_of_pilots_landed_before_stop	0
sum_dist_over_min	7778.653
sum_real_dist_over_min	7778.653
sum_flown_distances	8586.759
best_real_dist	86.252
last_start_time	2019-07-15T15:00:00+02:00
first_start_time	2019-07-15T14:30:00+02:00
first_finish_time	2019-07-15T15:59:04+02:00
max_time_to_get_time_points	2.70282223661092
no_of_pilots_with_time_points	76
goalratio	0.638655462184874
arrival_weight	0.0771965345703284
departure_weight	0
leading_weight	0.10807514839846
time_weight	0.432300593593839
distance_weight	0.382427723437373
smallest_leading_coefficient	1.07377509944975
available_points_distance	382.052593653041
available_points_time	431.876542672572
available_points_departure	0
available_points_leading	107.969135668143
available_points_arrival	77.1208111915308
time_validity	0.999019083185287
launch_validity	1
distance_validity	1
stop_validity	1
day_quality	0.999019083185287
ftv_day_validity	0.999019083185287
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 