

# XXII FAI WORLD HANG GLIDING CHAMPIONSHIP 2019



Organizzatori/Organizers



Partners/Sponsors



## 22nd FAI World Hang Gliding Class 1 Championship

### Task 9

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

**2019-07-24 Task 9**

Race to Goal 95.1 km

Provisional

No	Leg Dist.	Id	Radius	Open	Close	Coordinates	Altitude
1	0.0 km	D01	400 m	12:45	15:00	Lat: 46.23083 Lon: 12.80694	980 m
2 SS	3.6 km	B41	27000 m	14:15	19:00	Lat: 46.45194 Lon: 12.81028	1390 m
3	17.4 km	B06	2000 m	14:15	19:00	Lat: 46.15722 Lon: 12.59806	1500 m
4	32.5 km	M03	6000 m	14:15	19:00	Lat: 46.01028 Lon: 12.41861	960 m
5	51.6 km	B58	1000 m	14:15	19:00	Lat: 46.16917 Lon: 12.65361	300 m
6	85.4 km	B46	3000 m	14:15	19:00	Lat: 46.19889 Lon: 13.11694	180 m
7 ES	94.5 km	A02	1000 m	14:15	19:00	Lat: 46.30722 Lon: 13.11333	220 m
8	95.1 km	A02	400 m	14:15	19:00	Lat: 46.30722 Lon: 13.11333	220 m

StartGate(s): 14:15, 14:40

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
1	10	Manfred Ruhmer	M AUT	ICARO	Icaro2000, Woody Valley	14:15:00	16:15:09	02:00:09	45.4	95.08	376.4	109.1	415.6	75.7	977
2	57	Primoz Gricar	M GER	AEROE	Aeros,	14:15:00	16:14:16	01:59:16	45.7	95.08	376.4	76.7	436.5	77.9	968
3	107	Peter Neuenschwander	M SUI	AEROE	www.fly-bumblebee.com	14:15:00	16:18:30	02:03:30	44.2	95.08	376.4	90.2	377.2	73.5	917
4	44	Mario Alonzi	M FRA	AEROE	FFVL AEROS	14:15:00	16:21:34	02:06:34	43.1	95.08	376.4	76.0	351.3	71.4	875
5	58	Roland Woehle	M GER	MOYES	skyline sparkasse haslach/zell	14:15:00	16:21:43	02:06:43	43.0	95.08	376.4	74.4	350.1	69.4	870
6	22	Glauco Pinto	M BRA	ICARO	CBVL ROTOR / ICARO 2000	14:15:00	16:22:16	02:07:16	42.8	95.08	376.4	76.3	345.9	65.4	864
7	21	Marcelo Andrei Gomes Da Rocha	M BRA	AEROE	CBVL cscvl-moikano.com.br	14:15:00	16:21:55	02:06:55	43.0	95.08	376.4	64.2	348.6	67.4	857
8	108	Franz Herrmann	M SUI	AEROE	Herrmann Holzbau GmbH	14:15:00	16:22:34	02:07:34	42.7	95.08	376.4	70.2	343.6	56.3	847
8	48	Andrew Hollidge	M GBR	WILLSWING	Bhpa	14:15:00	16:22:26	02:07:26	42.8	95.08	376.4	64.7	344.6	61.6	847
10	28	Daniel Velez	M COL	WILLSWING	anamariavelasquez.com	14:15:00	16:22:19	02:07:19	42.8	95.08	376.4	59.8	345.5	63.5	845
11	54	Gordon Rigg	M GBR	MOYES	Skybean	14:15:00	16:22:32	02:07:32	42.8	95.08	376.4	65.2	343.9	58.0	844
12	18	David Brito Filho	M BRA	AEROE	CBVL Corinthians Rotor CBVL	14:15:00	16:22:26	02:07:26	42.8	95.08	376.4	59.0	344.6	61.6	842
13	9	Steve Docherty	M AUS	MOYES		14:15:00	16:23:22	02:08:22	42.5	95.08	376.4	70.8	337.8	54.7	840
14	75	Genki Tanaka	M JPN	AEROE		14:15:00	16:24:10	02:09:10	42.2	95.08	376.4	74.8	332.1	51.5	835
14	119	Pedro L. Garcia	M USA	WILLSWING	WillsWing / Digifly	14:15:00	16:23:26	02:08:26	42.5	95.08	376.4	68.1	337.3	53.0	835
16	72	Alessandro Ploner	M ITA	ICARO	AeCI, Adidas, Icaro, Woody Valley, Naviter	14:15:00	16:24:48	02:09:48	42.0	95.08	376.4	78.3	327.7	48.5	831
17	73	Christian Ciech	M ITA	ICARO	AeCI - Icaro 2000 - Woody Valley	14:15:00	16:24:51	02:09:51	42.0	95.08	376.4	79.0	327.3	47.0	830
18	13	Walter Mayer	M AUT	MOYES	T-WM.at	14:15:00	16:25:00	02:10:00	41.9	95.08	376.4	73.8	326.3	45.6	822
19	70	Filippo Oppici	M ITA	WILLSWING	AeCI, Wills Wing, ROTOR, Flytec USA	14:15:00	16:25:13	02:10:13	41.9	95.08	376.4	77.4	324.8	40.5	819
20	78	Yuji Suzuki	M JPN	MOYES	etenoir, FoseKift, Nishikawa, simplism, yazine	14:15:00	16:25:04	02:10:04	41.9	95.08	376.4	69.3	325.8	41.7	813
21	68	Davide Guiducci	M ITA	ICARO	AeCI, Icaro 2000, Woody Valley	14:15:00	16:25:13	02:10:13	41.9	95.08	376.4	68.5	324.8	40.5	810
22	26	Tyler Borradaile	M CAN	MOYES	Flytec USA, Moyes	14:15:00	16:25:13	02:10:13	41.9	95.08	376.4	66.7	324.8	40.5	808
23	52	Grant Crossingham	M GBR	MOYES	Luisa, Moyes brauniger	14:15:00	16:25:56	02:10:56	41.6	95.08	376.4	77.1	320.0	33.9	807

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
24	103	Franc Peternel	M SLO		WIFE NAVITER	14:15:00	16:25:36	02:10:36	41.8	95.08	376.4	72.8	322.2	34.9	806
25	62	Attila Kis	M HUN			14:15:00	16:25:14	02:10:14	41.9	95.08	376.4	66.5	324.7	37.0	805
26	29	Dan Vyhnalik	M CZE		LAA CR	14:15:00	16:25:03	02:10:03	41.9	95.08	376.4	57.5	325.9	43.0	803
27	85	Joost Eertman	M NED			14:15:00	16:25:58	02:10:58	41.6	95.08	376.4	72.0	319.8	32.9	801
27	24	Alvaro Figueiredo Sandoli	M BRA		CBVL Coronata/WillsWing/Rotor	14:15:00	16:26:18	02:11:18	41.5	95.08	376.4	77.4	317.6	29.4	801
27	16	Tschurnig Gunther	M AUT		Wirth	14:15:00	16:25:16	02:10:16	41.9	95.08	376.4	64.3	324.5	35.9	801
30	79	Minoru Kato	M JPN			14:15:00	16:26:15	02:11:15	41.5	95.08	376.4	72.1	317.9	31.1	798
31	91	Olav Opsanger	M NOR		Moyes	14:15:00	16:25:02	02:10:02	41.9	95.08	376.4	50.4	326.1	44.3	797
32	64	Laszlo Okros	M HUN			14:15:00	16:26:15	02:11:15	41.5	95.08	376.4	68.8	317.9	31.1	794
33	4	Trent Brown	M AUS			14:15:00	16:26:05	02:11:05	41.6	95.08	376.4	60.0	319.0	32.0	787
34	67	Marco Laurenzi	M ITA		AeCI, Flyve, Digify, WoodyValley, ICARO2000	14:15:00	16:32:05	02:17:05	39.8	95.08	376.4	96.5	282.0	25.7	781
35	112	Hakan Andersson Bernardo	M SWE			14:15:00	16:27:20	02:12:20	41.2	95.08	376.4	63.8	310.8	27.8	779
36	77	Takashi Sunama	M JPN			14:15:00	16:26:44	02:11:44	41.4	95.08	376.4	58.7	314.7	28.6	778
37	84	Arne Tanzer	M NED		Flying Dutchman, Woody Valley	14:14:58	16:28:04	02:13:06	41.0	95.08	376.4	56.2	306.0	27.1	765
38	117	Zac Majors	M USA		Wills Wing, Flytec	14:15:00	16:29:30	02:14:30	40.5	95.08	376.4	59.4	297.3	26.4	760
39	122	Vanni Accattoli	M ITA		AeCI	14:15:00	16:24:20	02:09:20	42.2	94.51	375.1	73.9	264.7	40.0	754
40	56	Gerd Doenhuber	M GER		Skyline Flightgear	14:15:00	16:34:55	02:19:55	39.0	95.08	376.4	68.6	266.0	22.8	734
41	17	Fabio Thomaz	M BRA		CBVL www.rioadelta.com.br	14:15:00	16:33:22	02:18:22	39.4	95.08	376.4	56.0	274.6	25.1	732
42	60	Georg Schweier	M GER		no set	14:15:00	16:33:41	02:18:41	39.3	95.08	376.4	50.3	272.9	24.5	724
43	115	Evgen Lysenko	M UKR		Aeros, Altair	14:15:00	16:34:23	02:19:23	39.1	95.08	376.4	50.6	269.0	23.9	720
44	1	Steve Blenkinsop	M AUS			14:15:00	16:34:39	02:19:39	39.0	95.08	376.4	51.4	267.5	23.3	719
45	76	Shogo Ota	M JPN		nissei,Tsukishimakikai	14:15:00	16:37:42	02:22:42	38.2	95.08	376.4	64.5	251.0	21.3	713
46	110	Markel Neideman	M SWE			14:15:00	16:36:30	02:21:30	38.5	95.08	376.4	44.7	257.4	21.8	700
47	3	Rory Duncan	M AUS		Airborne, Moyes, ROTOR Australia	14:15:00	16:38:19	02:23:19	38.1	95.08	376.4	48.0	247.8	20.9	693
48	42	Eric Wyss	M FRA		FFVL	14:15:00	16:39:46	02:24:46	37.7	95.08	376.4	54.9	240.3	20.5	692
49	34	Petr Polach	M CZE		LAA CR, pg-shop	14:15:00	16:43:41	02:28:41	36.7	95.08	376.4	69.3	220.6	20.1	686
50	50	Darren Brown	M GBR		Wills Wing UK	14:15:00	16:34:56	02:19:56	39.0	95.08	376.4	59.7	265.9	22.3	652
51	31	Jiri Gut	M CZE		Gut Composites ,Laa CR,	14:15:00	16:48:30	02:33:30	35.5	95.08	376.4	45.6	197.7	18.8	639
52	45	Christian Pollet	M FRA		FFVL	14:15:00	16:49:25	02:34:25	35.3	95.08	376.4	49.3	193.4	18.2	637
53	51	Dave Matthews	M GBR		BHPA	14:15:00	16:47:19	02:32:19	35.8	95.08	376.4	37.1	203.2	19.7	636
53	6	Craig Taylor	M AUS			14:15:00	16:47:23	02:32:23	35.8	95.08	376.4	37.0	202.9	19.4	636
55	53	Malcolm Brown	M GBR		Bhpa	14:15:00	16:49:08	02:34:08	35.4	95.08	376.4	37.0	194.7	18.5	627
56	49	Gary Wirdnam	M GBR			14:15:00	16:48:13	02:33:13	35.6	95.08	376.4	25.9	199.0	19.1	620
57	43	Eric Mathurin	M FRA		FFVL	14:15:00	16:50:10	02:35:10	35.1	94.99	376.3	52.0	152.0	14.4	595
58	23	Konrad Heilmann	M BRA		CBVL www.riohangliding.com	14:15:00	16:55:19	02:40:19	34.0	95.08	376.4	19.7	167.0	17.7	581
59	14	Alexander Sigl	M AUT		P.S.	14:15:00	17:03:04	02:48:04	32.4	95.08	376.4	50.3	134.0	16.4	577
60	92	John Smith	M NZL			14:15:00	17:00:07	02:45:07	33.0	95.08	376.4	29.0	146.3	17.3	569
61	7	Nils Vesk	M AUS		Ideas with Legs	14:15:00	17:00:15	02:45:15	33.0	95.08	376.4	24.9	145.8	17.1	564
62	89	Johnny Nilssen	M NOR		Hangglidning Lanzarote	14:15:00	17:01:22	02:46:22	32.8	95.08	376.4	28.0	141.1	16.8	562
63	100	Felix Cantesanu	M ROU		AEROS	14:15:00	17:01:21	02:46:21	32.8	95.08	376.4	24.5	141.1	16.9	559
63	105	Stanislav Galovec	M SLO			14:15:00	17:02:18	02:47:18	32.6	95.08	376.4	29.3	137.2	16.5	559
65	102	Matjaz Klemencic	M SLO		Red Bull, Naviter, Gloryfy	14:15:00	17:01:43	02:46:43	32.7	95.08	376.4	24.0	139.6	16.6	557
66	99	Mikolaj Przewdzia	M POL		PSP	14:15:00	16:59:52	02:44:52	33.1	95.08	376.4	15.0	147.4	17.5	556
67	66	Tullio Gervasoni	M ITA		AeCI/WILLS WING/WOODY VALLEY	14:15:00	17:13:44	02:58:44	30.5	95.08	376.4	21.5	91.4	16.2	506
68	38	Daniel Martin Mota	M ESP			14:15:00	17:15:06	03:00:06	30.3	95.08	376.4	13.0	86.1	16.1	492
69	98	Piers Throssell	M NZL			14:15:00	17:21:18	03:06:18	29.3	95.08	376.4	22.1	62.7	15.8	477
70	15	Wolfgang Siess	M AUT		WillsWing, Gloryfy, Rotor	14:15:00	17:19:37	03:04:37	29.5	95.08	376.4	15.0	69.0	16.0	476
71	86	Tanno Rutten	M NED			14:15:00	17:20:13	03:05:13	29.4	95.08	376.4		66.8	15.9	459
72	11	Christian Tiefenbacher	M AUT		Moderne Raumgestaltung Tiefenbacher, RCP Vermietung	14:15:00	17:29:28	03:14:28	28.0	95.08	376.4	17.4	32.9	15.7	442
73	113	Kamil Demirkan	M TUR		Turkish Aeronautical Association	14:15:00	17:26:23	03:11:23	28.5	95.08	376.4		44.0	15.8	436
74	74	Akira Nagusa	M JPN		Takamaru Engineers KEEN Eruk	14:15:00	17:29:20	03:14:20	28.1	95.08	376.4		33.4	15.7	425
75	71	Manuel Revelli	M ITA		AeCI	14:15:00	17:45:40	03:30:40	25.9	95.08	376.4	20.8		15.6	413
76	109	Damien Zahn	M SUI		Moyes, Skyline, Deltalab, HighAdventure.ch	14:15:00				88.69	350.6	50.7			401
77	97	Tom Kellner	M NZL		IBL	14:15:00				86.00	332.3	59.0			391
78	81	Young Don Lee	M KOR			14:15:00				91.01	362.4	21.1			384
79	120	John Simon	M USA		US Aeros, Sport Aviation Svcs	14:15:00				86.82	338.2	40.5			379
80	33	Lukas Vojacek	M CZE			14:15:00				92.72	369.1	2.0			371
81	94	Matthew Barlow	M NZL		Nil	14:40:00				90.37	359.4				359
82	88	Emiel Jansen	M NED		https://www.mooietenten.nl	14:15:00				86.55	336.3	21.9			358
83	96	Shane Mckay	M NZL			14:15:00				87.24	341.1	7.6			349
84	37	Alvaro Idigoras	M ESP			14:15:00				83.43	312.7				313

#	Id	Name	Nat	Glider	Sponsor	SS	ES	Time	km/h	Distance	Dist. Points	Lead. Points	Time Points	Arr. Pos. Points	Total
85	35	Frantisek Kostal	M CZE	AEROE	LAA CR, Torsolo	14:15:00				76.64	273.3				273
86	111	Tommy Nilsson	M SWE	MOYES		14:15:00				75.49	269.0	2.5			272
86	46	Francois Isoard	M FRA	AEROE	FFVL - DCA	14:15:00				75.33	268.5	3.1			272
88	59	Joerg Bajewski	M GER	ICARO	Timezone - ICARO 2000 - Aeros	14:15:00				67.47	238.2	7.9			246
89	27	Hernan Cortes Pinones	M CHI	WILLSWING		14:15:00				64.64	230.7				231
90	2	Rohan Taylor	M AUS	MOYES	Flight Suite	14:15:00				62.42	223.4				223
91	118	Will Ramsey	M USA	WILLSWING		14:15:00				62.12	222.2				222
92	87	Gijs Wanders	M NED	WILLSWING	-	14:15:00				57.80	203.4				203
93	25	Evan Smith	M CAN	WILLSWING		14:15:00				52.46	184.0	1.0			185
94	123	Igriza Flora	M ITA	ICARO	bottega d'arte orafa Flora e Comoretto	14:15:00				51.40	180.5				181
95	95	Viv Clements	M NZL	ICARO	Icaro OZ	14:15:00				24.42	109.0				109
96	39	Tximo Iriarte	M ESP	AEROE	AIS Servicios Integrales destruccionsdocumentacion.com	14:15:00				17.23	65.9				66
97	114	Canberg Ozveren	M TUR	AEROE	Turkish Aeronautical Association	14:15:00				23.69	106.5				64
98	69	Suan Selenati	M ITA	WILLSWING	Aeci, WILLS WING, WOODY VALLEY	14:15:00				11.33	44.7				45
99	61	Carlos Rolando Alvarado	M GUA	WILLSWING	Asociación Nacional de Vuelo Libre Guatemala	14:15:00				8.82	35.8				36
100	93	Derek Mckee	M NZL	ICARO	Celabit	14:15:00				8.64	35.0				35
101	30	Jiri Nadvornik	M CZE	WILLSWING	LAACR	14:15:00	17:07:09	02:52:09	31.7	95.08	376.4	34.0	117.4	16.3	0
101	65	Noel Collins	M IRL	MOYES						DNF	0.0				0
101	20	Eduardo Oliveira	M BRA	ICARO	CBVL VIVAAOVENTO CORINTHIANS	14:15:00				23.92	107.4				0
101	40	Jesus Mari Hernando Duque	M ESP	WILLSWING		14:15:00				10.34	41.4				0
101	116	Jeff Chipman	M USA	MOYES		14:15:00				27.53	117.2				0
101	90	Jens Krotseng	M NOR	MOYES	Me	14:15:00				47.41	166.4				0
101	101	Konstantin Lukyanov	M RUS	MOYES		14:15:00				83.71	314.9				0
101	106	Ubaldo Romano	M SUI	AEROE	Delta club Interlaken	14:15:00				88.67	350.5	46.7			0
101	104	Janez Grm	M SLO	AEROE	Janez	14:15:00				23.77	106.8				0
101	82	Jaesun Moon	M KOR	ICARO		14:15:00				23.65	106.3				0
101	83	Sander Van Schaik	M NED	ICARO	sanderdelta.nl	14:15:00				23.18	103.6				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
20	Eduardo Oliveira	100%	0	Airspace Infringement
30	Jiri Nadvornik	100%	0	Airspace Infringement
40	Jesus Mari Hernando Duque	100%	0	Airspace Infringement
50	Darren Brown	10%	0	33 meters from Airspace Border
82	jaesun moon	100%	0	Airspace Infringement
83	Sander van Schaik	100%	0	Airspace Infringement
84	Arne Tanzer		1	Jumped the gun by 0:02
90	Jens Krotseng	100%	0	Landed in No Landing Zone
101	Konstantin Lukyanov	100%	0	Airspace Infringement
104	janez grm	100%	0	Airspace Infringement
106	Ubaldo Romano	100%	0	Airspace Infringement
114	CANBERG OZVEREN	40%	0	20 meters from Airspace Border
116	Jeff Chipman	100%	0	Airspace Infringement

**Pilots absent from task (ABS)**

<b>Id</b>	<b>Name</b>
5	Peter Burkitt
8	Guy Hubbard
12	Joseph Salvenmoser
19	Max Turiaco
32	Petr Tucek
41	Chomin Gallego Escribano
47	Antoine Saraf
55	Kajo Clauss
80	Yoko Sano

**Pilots not yet processed (NYP)**

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

param	value
ss_distance	90.887
task_distance	95.078
launch_to_ess_distance	94.478
no_of_pilots_present	111
no_of_pilots_flying	110
no_of_pilots_lo	36
no_of_pilots_reaching_nom_dist	90
no_of_pilots_reaching_es	76
no_of_pilots_reaching_goal	74
sum_flown_distance	9110.222
best_dist	95.078
best_time	1.98777777777778
worst_time	3.51111111111111
no_of_pilots_in_competition	120
no_of_pilots_landed_before_stop	0
sum_dist_over_min	8340.22199999999
sum_real_dist_over_min	8340.22199999999
sum_flown_distances	9110.22199999999
best_real_dist	95.078
last_start_time	2019-07-24T14:40:00+02:00
first_start_time	2019-07-24T14:14:58+02:00
first_finish_time	2019-07-24T16:14:16+02:00
max_time_to_get_time_points	3.39766350994822
no_of_pilots_with_time_points	75
goalratio	0.672727272727273
arrival_weight	0.0779456055597295
departure_weight	0
leading_weight	0.109123847783621
time_weight	0.436495391134485
distance_weight	0.376435155522164
smallest_leading_coefficient	1.13817303924533
available_points_distance	376.435155522164
available_points_time	436.495391134485
available_points_departure	0
available_points_leading	109.123847783621
available_points_arrival	77.9456055597295
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 