

Free Flight News

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FFn DIARY

February 12-14 Lost Hills, California, USA	Kiwi World Cup of New Zealand. F1A F1B F1C F1Q F1P F1E World Cup event. Contact: Roger Morrell, r_morrell@yahoo.com	March 20 Kietzr, Netherlands	SPZG Cup, Antoon van Eldik Memorial. F1A F1B F1C F1Q World Cup event Contact: Allard van Wallene, email: avanwallene@ziggo.org or s-kubit@wp.pl
February 16 Lost Hills, California, USA	North American Cup. F1A F1B F1C World Cup event Contact: Leslie Farkas, tel: +9058866959, aljolie@sympatico.ca	March 26-27 Litoměřice, Czech Republic	2 F1E World Cup events. March 26 and March 27 Contact: Jiří Rudolf, tel: +420606645618 jiri.rudolf@gmail.com or technickyklub.cz@gmail.com
February 17-21 Lost Hills, California, USA	Bob White Memorial Max Men International. F1A F1B F1C F1Q F1E World Cup event Contact: William Booth, tel: +17608893201, filtarch@gmail.com	March 26 Nova Topola, Bosnia-Herzegov.	4th RS Open International. F1A F1B F1C Contact: Miloš Budimčić, tel: +38765737027 misobudimcic1@gmail.com
February 27 Area Venues	BMFA 1st Area - Winter Warmer. CG, CR, CP, CE (Plugge), FIJ (Plugge), E36, Mini Vintage, P30 (Plugge), H/CLG. Contact: Area Comp Secs.	March 26-27 Padule di Bientina, Italy	Coppa Volo Libero. F1A F1B F1C F1Q. World Cup event. Entry fee €50. Contact: Fabrizio Ceccarini, Via Legnano 3, 10128 Torino, Italy, tel +393474308840 email: f.ceccarini@tin.it
March 5-6 Gjovik, Norway	Eagle Cup. F1A F1B F1C F1Q. World Cup event. Contact: Vegar Nereng, Steinbruddv 10, 2846 Boverbru, Norway, tel +4793207424 email: vnereng@online.no	March 27 Area Venues	BMFA 2nd Area - Spring Sorter. CR, CP (White), CE, F1A (SMAE), F1H, F1G (Plugge), E36 (Plugge), Mini Vintage (Plugge), H/CLG. Contact: Area Comp Secs.
March 6 Mjosa, Norway	Danish Winter Cup. F1A F1B F1C F1P F1Q, F1S. World Cup event. Contact: Steffen Hjorth Jensen, Bognaesvej 14, 4000 Roskilde, Denmark, tel +4525332105 email: steffen.hjorth.jensen@gmail.com web: http://norbergsfk.se/swedishcup	April 2-3 Tapolca, Hungary	31th Herend Cup. F1A F1B F1C F1P F1Q World Cup event Contact: Ferenc Kerner, +36205815349, ferenc.kerner@hotmail.com
March 11 Sakylan Pyhajarvi, Finland	Swedish Moose Cup. F1A F1B F1C F1Q. World Cup event. Contact: Per Findahl, Bergvägen 8, 738 33 Norberg, Sweden, tel +46709226276 email: per.findahl@gmail.com	April 4-8 Nalchik, Russia	Elbrus Cup. F1A F1B F1C F1P World Cup event Contact: Naloev Nikolay, tel: +79280844479, email: naloev@mail.ru or ezzhov@gmail.com
March 12 Säkylä, Pori, Finland	Bear Cup. F1A F1B F1C F1Q. World Cup event. Contact: Kim Henriksson, Ymmerstanmaki 98, FI-02750 Espoo, Finland, tel: +358 50460 6393, email: kim.henriksson@eerika.com	April 8-10 Simeria, Romania	Harghita Cup F1A,B,C,P,Q,H. F1A F1B F1C F1P F1Q World Cup event Contact: Istvan Kiss, tel: +400745161435, email: cc.cristur@gmail.com or kisstamara182@gmail.com
March 19 Kietzr, Netherlands	Kartel-Cup Pieter de Boer Memorial. F1A F1B F1C F1Q World Cup event Contact: Allard van Wallene, tel: +31613748459 avanwallene@ziggo.org or s-kubit@wp.pl	April 8-12 Nalchik, Russia	Naloev Cup. F1A F1B F1C F1P World Cup event Contact: Naloev Nikolay, see Elbrus Cup April 4-8
		April 9-10 Oberkotzau, Germany	2 F1E World Cup events. 9th: Otto Kuttler Cup, 10th: Fohrlberg Cup. Contact: Peter Kuttler, Schneebergstr 26, 95145 Oberkotzau, Germany, tel +491609451646 email: peter-kuttler@web.de

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Compiled and produced by Ian Kaynes

CIAM PLENARY MEETING PROPOSALS

The 2022 CIAM Plenary meeting is likely to be held in April. It has not been determined whether there will be a physical meeting (and if so then venue has not been determined) or remote meeting.

The following is a description of the proposals submitted for changes to the F1 Free Flight volume of the Sporting Code. This is advance notice of items expected to be on the agenda, but please wait until the agenda is published before making comments to your national CIAM delegate. There may be general rule proposals which affect free flight but details are not yet available.

New or modified text is shown in **bold**. The bulk of the proposals relate to the two options involving altimeters, plus a few administrative tidying up items.

F1.1.4 Additional Flights in Open Internationals

Proposal by Serbia

They propose deleting “inadequate field space” from the list of exceptional reasons which allow an altitude flyoff in the second paragraph. They also delete it from item (a) along with additions:

a) A non-standard procedure must be used **ONLY** for these exceptional reasons of strong winds (stronger than 6 m/s), poor visibility (horizontal not more than 500m and vertical not more than 150m), or unavailability of the field for continuation on the following day.

Reason: It is necessary to quantitatively define meaning of the terms “strong wind” and “poor visibility” to avoid any ambiguities and different interpretation. This proposal clarifies these ambiguities. Also term “inadequate field space” is deleted because the official events in the FAI CIAM Contest Calendar may not be flown at “inadequate field space”. The flying field must correspond to the required CIAM standards.

Proposal by Austria

Austria propose to remove the altitude flyoff definition (b)

Reasons include difficulty locating the start of the flight on an altimeter, the timing rules require a model to be timed to the end of the flight (which has not stopped people stopping timing after the max has been reached in any other flights) and then they criticise the accuracy of the altitude measurements. (*Ed: The sensitivity of the sensor to temperature is quoted as the main reason the accuracy will be much less than claimed. However, the figure they quote is absolute accuracy between 25C and 65C and it only becomes relevant if one model is flying in air that is 40C hotter than the air another model is flying in – which is impossible by a factor of 10*)

Proposal by Austria

Then they make a contrasting proposal to keep F1.1.4 with some small changes:

Extend item (iii) The flight is timed up to the maximum time **and controlled by the timekeeper with a regular stopwatch.**

Change definition of a tie:

vi) A tie is defined for all competitors which are inside the tolerances given by EDIC For Free Flight V1.2, EF1.2 d). The tolerance is specified with +/- 1 metres. Exact wording: ...within 2 metres.

Proposal by FFSC

Modify F1.1.4 item (b) as shown below. New items are added as (iii), (v), and (ix). Other items have been modified and renumbered to fit with the newly-added items:

b) An “altitude flyoff” may be specified when F1 altimeters have been approved by CIAM EDIC **and at least one of the following conditions are met:**

1) altimeters are available for competitors to purchase from at least one supplier

2) all competitors in the fly off have their model equipped with an approved altimeter

i) The procedures for a regular additional flight for the class are followed

ii) A maximum flight time is defined which should be at least two minutes.

iii) **Before the flight the competitor shows his altimeter to the timekeeper for the timekeeper to record the serial number marked on the altimeter and to confirm that it shows the empty memory indication.**

iv) The flight is timed up to the maximum time

v) **Competitors must present their altimeters and altitude read out no later than 45 minutes after the end of the flyoff**

vi) For all competitors attaining the maximum flight time, the altitude of the model at the maximum flight time is read from the altimeter **referenced to a zero altitude defined by the altitude during the 10 seconds before launch of the model (for F1A before the helper releases the model from the ground and for F1C before starting the motor).** For scoring purposes **the altitude** is rounded to the nearest metre.

vii) The individual placings are determined by the highest altitudes for all flights attaining the maximum, followed by time order. **Competitors with a recorded altitude are placed before competitors not returning an altitude, even if the recorded altitude is negative.**

viii) Equal altitudes are considered to be a tie, which may be resolved by another additional flight.

ix) The proper operation of the altimeter is the responsibility of the competitor.

Reasons: Refinements as a result of experience gained through the use of Altitude flyoffs in 2021.

Availability of altimeters is essential to the fair application of the procedure and while availability is limited the altitude flyoff can be used if all flyoff competitors do have approved altimeters.

iii) It is necessary for the timekeeper to record the serial number of the altimeter, which is required by EDIC to uniquely identify each individual altimeter.

v) For the smooth running of the contest, there must be a time limit for presenting the altitude data.

vi) It is necessary to define the reference against which the altitude is measured and this is proposed to be on the start line just before launch.

vii) The landing area may be below the starting line and thus a negative altitude at the time of the maximum flight time is a valid altimeter reading and should take precedence over competitors with no recorded altitude.

ix) The competitor is responsible for correct operation of the altimeter. This is comparable to the way in which the competitor is responsible for the functioning of radio control DT or motor stop.

F1.2.7 Electronic evidence of flight time

Proposal by FFSC

Modify F1.2.7 from paragraph 3 onwards:

If the competitor is using an EDIC-approved altimeter then this must be shown to the timekeeper before the flight for the timekeeper to record the serial number marked on the altimeter and to confirm that for the first additional flight it shows the empty memory indication.

Competitors using altimeters which are not EDIC-approved must follow the following procedure. Prior to each fly off, participants with (reserve) models equipped with such recording devices being switched on, should position their model(s) at ground level no more than 5 metres from their assigned starting pole. Upon instruction of the contest director, the participant will have to lift the model(s) from the ground and hold the model(s) elevated a number of times, the number and duration of these movements is decided by the contest director thereby generating a unique altitude-time signature.

In case of a flight-time related dispute, the competitor automatically may proceed to the following fly off round. Any dispute must be marked on the competitor's scorecard for that fly off round. After the last fly off but no later than 60 minutes from the end of the last fly off, the jury will ask the competitor who filed the dispute to read out the altimeter data and present the altitude versus time graph. The jury will check the signature in the graph and determine the flown time for the fly off round for which a dispute has been filed. If the moment of launch, landing and flight time can be clearly established and the correct signature is present, the flight time will be recorded for the final result. If any one of these conditions is not met, the timekeeper's time of the disputed fly off round will be used as the score for that fly off round. If this time is less than the maximum flight time set for that particular fly off round, any subsequently flown fly off rounds will be cancelled for that competitor. In case of a protest related to the altimeter generated flight time, the altitude graphs must be made available to the jury. Failure to do so will result in the time keeper's recorded flight time being the official score.

Reasons: To simplify the procedure for competitors using an EDIC approved altimeter by removing their need to create the altitude signature.

To increase the time limit for return of altimeters from a flyoff which might have been for a long flight.

Proposal by Serbia

Serbia propose to require that the altimeters must be EDIC approved. In a revision of wording they propose to add:

All fly-off participants shall agree prior to the fly-off to use electronic evidence of the flight time. The event organiser shall provide at least one independent person, who is not a competitor, qualified to deal with electronic altimeters and to read and interpret required saved data.

And later

Electronic evidence of flight time as a non-standard method of fly-off shall not be used earlier than two hours before the official sunset.

F1.2.6 Time recorded

Proposal by FFSC

The **duration of the flight** recorded is the mean of the times registered by the timekeepers, rounded to the nearest whole number of seconds to the resulting mean time (0.5 second rounded up to the second above) unless the difference between the times registered shows evidence of an error in the timing, in which case the organiser will determine, with the FAI Jury,

which time will be registered as the official time or what action should be taken.

Reason: To clarify that this definition relates to the time of a flight and not the time of motor runs which are defined in the class specifications.

3.8.8 Classification - F1Q

Proposal by FFSC

Modify 3.8.8 (c) as shown below.

c) The organiser will establish a **7** minute period during which all fly-off competitors must launch their model. Within these **7** minutes the competitors will have the right to a second attempt in the case of an unsuccessful first attempt for an additional flight according to 3.8.5. Starting positions will be decided by draw for each fly-off.

Reason: This brings F1Q into line with F1A F1B F1C and F1P in having a 7 minute period for the additional flights. The 7 minute change was made in 2017 for the other classes and the extension to F1Q was missed when F1Q became an official class in 2018.

3.S.1 Definition - F1S

Proposal by FFSC

Modify 3.S.1:

Model aircraft which is powered by an electric motor(s) and in which lift is generated by aerodynamic forces acting on surfaces that remain fixed in flight except to dethermalise.
No control surface movements are allowed during flight.

Reason: To clarify that the requirement for fixed surfaces also excludes control surfaces.

Annex 4 Free Flight Ranking

Proposal by FFSC

Modify item 4:

For every event the competitors' scores will consist of two components:

A results component. This consists of points awarded on the same basis as World Cup points for competitors finishing in the top half ~~or top 24~~ of the results list. Bonus points are given in accordance with the current World Cup bonus allocation.

An event ranking position component. This measures how well the competitor has performed in an event compared to the result which would be expected from his current position in the ranking.

To calculate this all the competitors in the competition are placed in the order in which they appear in the current ranking. Any competitors not previously on the ranking list will be assumed to be equally placed at the bottom of the ranking list. Each competitor is allocated points according to the difference between their actual position in the competition and the position calculated according to the ranking list. **Ten points** are awarded for every 3 places different, positive if placed better than ranking position, negative if below ranking position.

Reason: To bring the ranking definition into line with World Cup changes. The change in (a) is for always award points to the top half of the results list. The change in (b) is to increase the position points by a factor of 10 to correspond the upgrading of the World Cup results points (which changed from 50 to 500 for first place). Both changes had been incorporated in the software calculating the ranking results at the time of the World Cup changes (2017) but the definition was not updated in the Sporting Code.

HEAVE HO 2022

The hand launch and catapult glider postal event from Len Surtees:

For the first time indoor catapult and hand launch for both adults and Juniors (age up to 15 years old) flown in category 1 (ceiling height up to 8 meter or 26' measured under the ceiling beam structure excluding lights and fans, basketball halls are common category 1 sites). I have asked Josh Finn from J&H AEROSPACE to sponsor prizes for indoor, Josh sells lots of indoor glider kits so check out his range <https://jhaerospace.com>

Outdoor events, Juniors and adults

(Adult HLG winner is awarded the HH trophy) 1/ Hand Launch (javelin) HLG, 2/ Catapult CLG (1/16" x 1/4" x 9" rubber loop maximum allowed) 3/ Tip Launch Glider TLG

Indoor 2 events for Juniors and adults

1/ 6" (152mm) wing span catapult, any design (sting mk2 6" glider kit ideal) 2/ Hand launch, any size or material and can be wing tip or Javelin launched.

Rules

Competition runs from 1st April till 30th April 2022

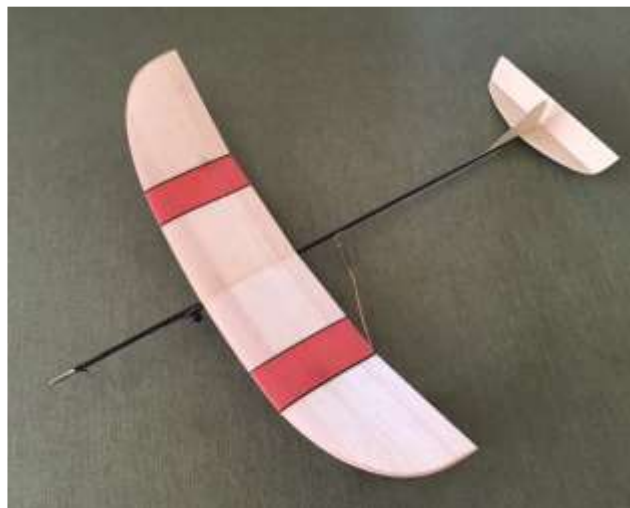
For indoor and outdoor there are 9 official flights, please record all official flights with best 5 counted for outdoor, (multiple series of 9 flights are allowed but can not mix or combine scores.) Times to be recorded by a time keeper. For Outdoor fly to one minute maximum for each flight, if you achieve 5 x one minute max's out of 9 then keep flying one minute max's till it is missed but include that last flight time. Flights are rounded down to seconds, Indoor flights are recorded down to 1/10th second. (example, flight of 23.76 seconds is recorded as 23.7 seconds). Time starts at moment of launch and stops when glider comes to rest on floor. Best 3 scores will count or 4th if needed due to a equal first place.

Lots of great STING MK2 glider kits for prizes and lucky entry prize too Fly safely and responsibly but most of all " have FUN " ENTRY is FREE

Send results and your country to lensurtees@hotmail.com. Also photos of you and gliders for web site and international Free Flight publications. Please check out web site for updated information at <http://www.stingmk2gliders.com/>



Len Surtess launches his 32" tip launch glider which is under development



Jim Leuken's catapult glider published in the January FFN

CIAM CALENDAR 2022

After this year's delays, the CIAM calendar is approaching completion. Listed below are the free flight events. While the new system allows the mailing address to be recorded for organisers, the global tools do not support the download of those details when I am generating the list. With present communications there is probably little need for mail contact anyway. It is however included for events which have been postponed from earlier years. A few events remain to be confirmed, mainly for issues of paying registration fees, and these are shown in *italics*.

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|--|---|
| February 12-14
Lost Hills,
California, USA | Kiwi World Cup of New Zealand. F1A F1B F1C F1Q F1P F1E World Cup event.
Contact: Roger Morrell,
r_morrell@yahoo.com |
| February 16
Lost Hills,
California, USA | North American Cup. F1A F1B F1C World Cup event Contact: Leslie Farkas, tel: +9058866959, aljolie@sympatico.ca |
| February 17-21
Lost Hills,
California, USA | Bob White Memorial Max Men International. F1A F1B F1C F1Q F1E World Cup event Contact: William Booth, tel: +17608893201, ffltarch@gmail.com |
| March 5-6
Gjovik, Norway | <i>Eagle Cup. F1A F1B F1C F1Q. World Cup event. Contact: Vegar Nereng, Steinbruddv 10, 2846 Boverbru, Norway, tel +4793207424 vnereng@online.no</i> |
| March 6
Mjosa, Norway | Danish Winter Cup. F1A F1B F1C F1P F1Q, FIS. World Cup event. Contact: Steffen Hjorth Jensen, Bognaesvej 14, 4000 Roskilde, Denmark, tel +4525332105 email: steffen.hjorth.jensen@gmail.com web: http://norbergsfk.se/swedishcup |
| March 11
Sakylan Pyhajarvi, Finland | Swedish Moose Cup. F1A F1B F1C F1Q. World Cup event. Contact: Per Findahl, Bergvägen 8, 738 33 Norberg, Sweden, tel +46709226276 per.findahl@gmail.com |
| March 12
Säkylä, Pori, Finland | Bear Cup. F1A F1B F1C F1Q. World Cup event. Contact: Kim Henriksson, Ymmerstanmaki 98, FI-02750 Espoo, Finland, tel: +358 50460 6393, email: kim.henriksson@eerika.com |
| March 19
Kietzr, Netherlands | Kartel-Cup Pieter de Boer Memorial. F1A F1B F1C F1Q World Cup event Contact: Allard van Wallene, tel: +31613748459 avanwallene@ziggo.org or s-kubit@wp.pl |

March 20 Kietzr, Netherlands	SPZG Cup, Antoon van Eldik Memorial. F1A F1B F1C F1Q World Cup event Contact: Allard van Wallene, email: avanwallene@ziggo.org or s-kubit@wp.pl	June 3-5 Kirkklareli, Turkey	THK Ismail Sarioglu Free Flight Cup. F1A F1B F1C World Cup event Contact: Mehmet Arslan, tel: +902225912112, email: arslanthk@yahoo.com or ismety@banksoft.com.tr
March 26-27 Litoměřice, Czech Republic	2 F1E World Cup events. March 26 and March 27 Contact: Jiří Rudolf, tel: +420606645618 jiri.rudolf@gmail.com or technickyklub.cz@gmail.com	June 4 Viborg, Denmark	Jutland Heath Cup. F1A F1B F1Q F1S. World Cup event Contact: Peter Rasmussen, pr.arkitekter@gmail.com
March 26 Nova Topola, Bosnia-Herzegov.	4th RS Open International. F1A F1B F1C Contact: Miloš Budimčić, tel: +38765737027 misobudimcic1@gmail.com	June 4-6 Samara, Russia	Almaty Cup of Kazakhstan. F1A F1B F1C World Cup event Contact: Rekhin Nikolay, tel: +79276330545, email: old@mail.ru or aviasergei@mail.ru
March 26-27 Padule di Bientina, Italy	Coppa Volo Libero. F1A F1B F1C F1Q. World Cup event. Contact: Fabrizio Ceccarini, Via Legnano 3, 10128 Torino, Italy, t: +393474308840 f.ceccarini@tin.it	June 10 Uralsk, Kazakhstan	Kazakhstan Free Flight Cup. F1A F1B F1C World Cup event Contact: Sergey Kuznetsov, email: airzko@mail.ru
April 2-3 Tapolca, Hungary	31th Herend Cup. F1A F1B F1C F1P F1Q World Cup event Contact: Ferenc Kerner, +36205815349, ferenc.kerner@hotmail.com	June 11 Zrenjanin, Serbia	53rd Memorial Djordje Zigic. F1A F1B F1C World Cup event Contact: Nikola Borovac, tel: +38163270639, email: nborovac@eunet.rs
April 4-8 Nalchik, Russia	Elbrus Cup. F1A F1B F1C F1P World Cup event Contact: Naloev Nikolay, tel: +79280844479, email: naloev@mail.ru or ezzhov@gmail.com	June 11 Zrenjanin, Serbia	39th Srem Cup. F1A F1B F1C World Cup event Contact: Martin Grubic, tel: +381638658182 martin.grubic@yahoo.com
April 8-10 Simeria, Romania	Harghita Cup F1A,B,C,P,Q,H. F1A F1B F1C F1P F1Q World Cup event Contact: Istvan Kiss, tel: +400745161435, email: cc.cristur@gmail.com or kisstamara182@gmail.com	June 12 Uralsk, Kazakhstan	Eurasia Cup. F1A F1B F1C World Cup event Contact: Sergey Kuznetsov, email: airzko@mail.ru
April 8-12 Nalchik, Russia	Naloev Cup. F1A F1B F1C F1P World Cup event Contact: Naloev Nikolay, see Elbrus Cup April 4-8	June 12 Zrenjanin, Serbia	2nd Morava Cup. F1A F1B F1C Contact: Andrija Pesic, tel: +381644529557, email: aktrstenik@gmail.com
April 9-10 Oberkotzau, Germany	2 F1E World Cup events. 9 th : Otto Kuttler Cup, 10 th : Fohrlberg Cup. Contact: Peter Kuttler, Schneebergstr 26, 95145 Oberkotzau, Germany, tel +491609451646 email: peter-kuttler@web.de	June 18 Zrenjanin, Serbia	26th Backa Cup. F1A F1B F1C F1H Contact: Stevan Janovic, tel: +38163516611 info@aeroklubsombor.com
April 10 Narrandera, NSW, Australia	Widgiewa Cup. F1A F1B F1C. World Cup event. Contact: Phil Mitchell, tel +61419414653 filnoels@bigpond.net.au	June 25-26 Zlatibor, Serbia	2 F1E World Cup events. June 25: Zlatibor Trophy Cup, June 26 Zlatibor Cup. Contact: Nikola Borovac, tel: +38163270639, email: nborovac@eunet.rs
April 11-12 Narrandera, NSW, Australia	Australian Free Flight Championships. F1A F1B F1C. World Cup event. Contact: Phil Mitchell, see details for Widgiewa Cup above.	June 25-27 Blagodotnoe, Kharkov, Ukraine	Black Stork Cup of Latvia. F1A F1B F1C F1P F1Q World Cup event Contact: Molchanov Serhii, tel: +380506821806, email: sergeyvicotex2006@gmail.com
April 13-14 West Wyalong, NSW, Australia	Southern Cross Cup. F1A F1B F1C. World Cup event. Contact: Roy Summersby, tel +61243410072 roydi123@optusnet.com.au	July 2-3 Capannori (Lucca), Italy	11' Coppa VOLI. F1A F1B F1C F1Q F1G F1H F1S Contact: Fabrizio Ceccarini, tel: +393474308840, email: f.ceccarini@tin.it or fabri1947@gmail.com
April 23 Ulez - Podlódowo, Poland	Gonzo Cup. F1A F1B F1C F1Q World Cup event Contact: Norbert Suwala, tel: +48662952535, norbipolska@interia.pl or gomario@interia.pl	July 7 Mysinge Hög, Sweden	Swedish Cup. F1A F1B F1C F1Q World Cup event Contact: Per Findahl, tel: +46709226276, per.findahl@gmail.com
April 24 Ulez - Podlódowo, Poland	Crosno Cup. F1A F1B F1C F1Q World Cup event Contact: Henryk Krupa, tel: +48668185394, email: kruhen@poczta.fm	July 8 Alvaret, Öland Island, Sweden	Norwegian Cup. F1A F1B F1C F1Q F1S. World Cup event. Contact: Atle Klungrehaug, Jonsokveien 22, 1182 Oslo, Sweden, tel +47 906 734 78 email: aklark@online.no
May 6-7 Salonta, Romania	Salonta Cup F1A,B,C,H,Q. F1A F1B F1C F1Q World Cup event Contact: Sandor Vincze, tel: +40724717992, email: vinczesg@gmail.com	July 8 Denver, CO, USA	Centennial Cup. F1E World Cup event Contact: Chuck Etherington, tel: +1 720 2016218 etherington.freeflight@outlook.com
May 8 Salonta, Romania	Szabó Miklós Memorial. F1A F1B F1C F1Q World Cup event Contact: József Guti +36203635573 gutijozsef74@gmail.com	July 9 Mysinge Hög, Sweden	Finnish Summer Cup. F1A F1B F1C F1Q World Cup event Contact: Steffen Jensen, +4525332105 steffen.hjorth.jensen@gmail.com
May 28 Bosco Chiesanuova (VR), Italy	2 F1E World Cup events. May 28 th : Memorial Guido Vettorazzo, May 29 th : Volare Lessini. Contact: Fabrizio Ceccarini, tel: +393474308840, email: f.ceccarini@tin.it or fabri1947@gmail.com	July 11-12 Sutiski, Ukraine	Gulugonov Cup. F1A F1B F1C F1P F1Q World Cup event Contact: Gorban Evgeny, +380677257505 gorbanf1@gmail.com or infofamsu@gmail.com
		July 13-14 Sutiski, Ukraine	Stamov Cup. F1A F1B F1C F1P F1Q World Cup event Contact: Ruslan Kurenkov, tel: +380954443322, sekretarfamsu@gmail.com or infofamsu@gmail.com

July 22 Krbava, Croatia	Mura Cup of Slovenia. F1A F1B F1C F1Q World Cup event Contact: Nogdan Lemut, +38641219144, muracup@modelarji.si	August 20 Toszek, Poland	World Cup F1E - Governor's Cup 2022 – Toszek. F1E World Cup event Contact: Konrad Zurowski, tel: +48721942500, email: sekretarz@gsml.gliwice.pl or konradinhoo096@gmail.com
July 22 Ulaanbaatar, Mongolia	FAI Mongolian Cup - World Cup Event. F1A F1B F1C F1Q F1P World Cup event Contact: Secretary General, tel: +97699994652, secretary@masa.mn or olbjav0519@gmail.com	August 20-21 Toszek, Poland	The Friendship Cup of Ukraine - Memorial of Valeriy Gorynin. F1E World Cup event Contact: Konrad Żurowski, tel: +48721942500, email: konradinhoo096@gmail.com or infofamsu@gmail.com
July 23 Korenica, Croatia	FF CRO CUP. F1A F1B F1C F1Q World Cup event Contact: Robert Leško, tel: +385956667676, lekicro@gmail.com	August 26-28 Zulpich, Germany	51. Eifelpokal. F1A F1B F1C F1Q World Cup event Contact: Bernd Honig, tel: +49230762957, email: eifelpokal@online.de
July 23 Ulaanbaatar, Mongolia	FAI Asian Cup - World Cup Event. F1A F1B F1C F1P F1Q World Cup event Contact: Secretary General, tel: +97699994652, secretary@masa.mn or olbjav0519@gmail.com	September 3-4 Salisbury Plain	2 World Cup events. Sept 3: Stonehenge Cup, Sept 4: Equinox Cup. F1A F1B F1C F1P F1Q. Contact: Richard Jack +44 776 234 6700, ffworldcupUK@gmail.com richard_jack@live.com
July 23-24 Valchitran, Bulgaria	Bulgaria Cup. F1A F1B F1C F1P F1Q World Cup event Contact: Valentin Savov, tel: +359888408940, sk_modelist@abv.bg	September 3 Smolensk, Russia	White Rus Cup of Belarus. F1A F1B F1C F1P F1Q F1H. World Cup event Contact: Anronov Leonid, tel: +79529937144, email: andronovleon@gmail.com
July 24 Korenica, Croatia	FF Dalmacija Kup. F1A F1B F1C F1Q World Cup event Contact: Ante Franić, tel: +385915240258, : ante.franic6@gmail.com	September 3-4 Liptovsky Mikulas, Slovakia	2 F1E World Cup events. Sept 3: Smeringai Memorial Cup, Sept 4: Liptovsky Mikulas Cup. Contact: Igor Miertus, tel: +421908968019, email: miertus.i@gmail.com
July 25-29 Muncie, IN, USA	United States Nationals 'NATS'. F1A F1B F1C F1Q World Cup event Contact: Glenn Schneider, tel: +19257431398, email: gtodds@sbcglobal.net	September 3 Mostar, Bosnia-Herzegovina	58th Mostar Cup. F1A F1B F1C F1Q World Cup event Contact: Adin Ramadanović, tel: +38761327894, email: aeroklubmostar@gmail.com or adin.ramadanovic00@gmail.com
July 25-30 Valchitran, Bulgaria	2022 F1A F1B F1P Junior World Championships	September 3-4 Rocca di Mezzo - L'Aquila, Italy	Coppa delle Rocche. F1A F1B F1C F1Q F1G F1H F1S Contact: Fabrizio Ceccarini, tel: +393474308840, email: f.ceccarini@tin.it or fabri1947@gmail.com
August 7 Turda, Romania	Memorial Popa Cringu. F1E World Cup event Contact: Ioana Dumitru, tel: +40723620600, ioanaeu822@yahoo.com	September 4 Smolensk, Russia	Gamaun Cup of Belarus. F1A F1B F1C F1P F1Q F1H World Cup event Contact: Anronov Leonid, tel: +79529937144, email: andronovleon@gmail.com
August 8-9 Noizé (Thouars), France	Trophée Belge - Belgian Cup. F1A F1B F1C F1Q World Cup event Contact: Laurent Dupriez, tel: +33628515751, email: poitou-aero@orange.fr	September 4 Mostar, Bosnia-Herzegovina	40th Izet Kurtalić Memorial. F1A F1B F1C World Cup event Contact: Sabrija Limo, tel: +38761792977, email: sabrija71@yahoo.com or info@aeroklub-izet-kurtalic.ba
August 10-11 Saint Jean de Sauves, France	Hispano-France F1ABCQ. F1A F1B F1C F1Q Contact: Benoit Jacquemin, tel: +33608002780, benoit.jacquemin@vol-libre-moncontourois.fr	September 10-11 Valchitran, Bulgaria	Prista Cup. F1A F1B F1C F1P F1Q World Cup event Contact: Valentin Savov, +359888408940, sk_modelist@abv.bg
August 11-14 Turda, Romania	2022 F1E European Championships	September 17 Belgrade, Serbia	Belgrade Fair Cup. F1D Contact: Nikola Borovac, tel: +38163270639, email: nborovac@eunet.rs
August 12 Turda, Romania	Turda Cup. F1E World Cup event Contact: Ioana Dumitru, tel: +40723620600, email: ioanaeu822@yahoo.com	September 17 Tourtenay, France	16ème F1E Poitou Charentes. F1E World Cup event Contact: Andre Trachez, tel: +33606573550, andre.trachez@laposte.net
August 12-13 Noizé (Thouars), France	44th Poitou. F1A F1B F1C F1Q World Cup event Contact: Yves Bellet, tel: +33549665699, email: bellet.y@orange.fr	September 17 Vsechov, Czech Republic	36th South Bohemian Cup. F1A F1B F1C F1Q World Cup event Contact: Jan Cihak, +420604678740, jan.cihak@seznam.cz
August 13 Tottenham, Ontario, Canada	Canada Cup. F1A F1B F1C World Cup event Contact: Leslie Farkas, tel: +19058866959, aljolie@sympatico.ca	September 17-18 Capannori (Lucca), Italy	Coppa VOLI Due 2022. F1A F1B F1C F1Q F1G F1H F1S Contact: Fabrizio Ceccarini, tel: +393474308840, email: f.ceccarini@tin.it or fabri1947@gmail.com
August 13-14 Prilep, North Macedonia	Prilep Cup - Trophy of Prilep. F1A F1B F1C World Cup event Contact: Zdravko Todoroski, tel: +3897840661, email: zdravkot@t.mk or todoroski59@gmail.com		
August 14 Tottenham, Ontario, Canada	Huron Cup. F1A F1B F1C F1Q World Cup event Contact: Tony Mathews, tel: +17058540698, tmathews180@gmail.com		
August 16-20 North Macedonia	2022 F1A F1B F1C European Championships		
August 19 Toszek, Poland	World Cup F1E - Toszek Cup. F1E World Cup event Contact: Cyprian Błaszczyk, email: sekretarz@gsml.gliwice.pl		

September 18 Poitou Moncontour F1E. F1E World Cup
Saint Jean de event Contact: Benoit Jacquemin, t: +33
Sauves, France 608 002 780 benoit.jacquemin@vol-libre-moncontours.fr

September 18 West Bohemian World Cup. F1A F1B F1C
Vsechov, Czech F1Q F1P World Cup event Contact: Jan
Republic Vosejka, tel: +420602414143, email:
bvl@bvl.cz or j.vosejka@amuletplus.cz

September 24 Hogo Cup. F1A F1B F1C World Cup
Zabokreký nad event Contact: Ivan Bezak, tel:
Nitrou, Slovakia +421907480222, ivanbezak@hotmail.com

September 24-25 2 F1E World Cup events: Prista Cup,
Aleko, Bulgaria Bulgaria Cup. Contact: Valentin Savov,
+359888408940, sk_modelist@abv.bg

September 24-25 Open international vol libre Rhône-Alpes
Arzay - Bossieu, - 17ème Critérium Philippe Lepage. F1A
France F1B F1C F1Q World Cup event Contact:
Jean-Pierre Challine, tel: +33611955711,
email: mjpchalline@gmail.com

September 25 Zabokreký Cup. F1A F1B F1C World Cup
Zabokreký nad event Contact: Ivan Bezak, tel:
Nitrou, Slovakia +421907480222, ivanbezak@hotmail.com

September 30- THK Anatolian Free Flight Cup. F1A F1B
October 2 F1C World Cup event Contact: Mehmet
Ankara-Golbasi, Arslan, tel: +902225912112, email:
Turkey arslanthk@yahoo.com ismety@banksoft.com.tr

October 1-2 Macedonia World Cup. F1A F1B F1C F1P
Prilep, North F1Q World Cup event Contact: Zdravko
Macedonia Todoroski, tel: +38978406661, email:
zdravkot@t.mk or todoroski59@gmail.com

October 4-8 Sierra Cup. F1A F1B F1C F1E F1P F1Q
Lost Hills, World Cup event Contact: Mike
California, USA McKeever, tel: +19163903212, email:
vamckeever@aol.com

October 4-10 Kotuku World Cup of New Zealand. F1A
Lost Hills, F1B F1C F1P F1Q F1E World Cup event
California, USA Contact: Brian Van Nest, tel:
+17609370177, bisheatfla@gmail.com

October 7-8 Mendoza Cup. F1A F1B F1C F1Q World
Mendoza, Cup event Contact: Neyra, Federico
Argentina Nicolas, tel: +543512135233,
neyra.federico@gmail.com

October 8-9 16 Trofeo Città di Capannori - Memorial
Capannori Bruno Fieg. F1A F1B F1C F1Q Contact:
(Lucca), Italy Fabrizio Ceccarini, tel: +393474308840,
f.ceccarini@tin.it or fabri1947@gmail.com

October 9-10 Condor Cup. F1A F1B F1C F1Q World
Mendoza, Cup event Contact: Neyra, Federico
Argentina Nicolas, tel: +543512135233,
neyra.federico@gmail.com

October 14-16 Krka Cup. F1A F1B F1C World Cup event
Šentjernej, Contact: Dragan Stankovic, tel:
Slovenia +38641860891 aeroklubkrka.fl@gmail.com

October 29-30 2 F1Q World Cup events. Oct 29: F1Q-
Mühlethurnen, Eurofly. F1Q, Oct 30 Alpen Cup. World
Switzerland Cup event Contact: Walter Eggimann,
email: walter.eggimann@belponline.ch

November 12 Carpatia Cup. F1N Contact: Henryk
Jedlicze, Poland Krupa, tel: +48668185394, email:
kruha@poczta.fm

November 26-27 Otto Hints Memorial. F1D Contact: Ioana
Slanic Prahova, Dumitru, tel: +40723620600, email:
Romania ioanaeu822@yahoo.com

December 12-15 2022 F1D Indoor World Championships
Slanic, Romania

December 22-24 2 World Cup events. Dec 22: Negev Open,
Urim, Israel Dec 23-24 Hanukha Open. F1A F1B F1C
F1P F1Q World Cup event Contact: Itsik
Omer, tel: +972528566200, email:
itsik@aeroclub.org

NEWS FROM BMFA FF TECH COMMITTEE

In the list of FFTC members' duties in January FFn it was omitted from Phil Ball's duties that as well as Council Delegate he continues as Results Officer.

UK COMPETITIONS NEWS

Le Petit Classique de Brum - North Luffenham 13th March 2022

(a relaxed day out or Mad March Hares?)

A competition of **3 flights no rounds**. Start **10.00** end **16.00**, followed by Fly-offs as required. Max and Fly-off (not DT) to be determined by the CD on the day with regard to weather and other conditions.

Classes will be **pre 1970 Coupe**, **Classic A1**, Combined **E36 + 1/2A power** (both 8 second run), **Classic Glider** (50m line) and **Mini Vintage**.

Competitors may enter **two** models, separately, in each event. Highest placed entry to count, NO SUBSTITUTION of parts nor model permitted.

Entry £TBC for the day, prizes for 1,2&3 in each class.

NOTE TO POTENTIAL FLIERS: -

March is traditionally so windy there are poems about it!! If the forecast is for very inclement weather, then WE WILL POSTPONE the event. To avoid an unnecessary journey, if you think you'll be there PLEASE TELL GAVIN MANION BY EMAIL. The decision to go ahead or postpone will be notified by email by the evening of Thursday 10th March.

Gavin Manion gavin.manion84@gmail.com

Stu Darmon stuardarmonfla@yahoo.com tel 01858 882057

WORLD CUP 2021 FINAL POSITIONS

The 2021 Free Flight World Cup was unlike any other year since its inception in 1987. After the 2020 World Cup had been abandoned because of the covid19 epidemic there was a period of 16 months without any World Cup competitions. The CIAM decision was to start a truncated 2021 World Cup on July 1. After considerable postponements and rearrangement of scheduled events a total of 57 competitions were flown between July 1 and December 31, approximately two-thirds of the number of events usually arranged over a full year. When the decision was taken to start the World Cup on July 1 it was acknowledged that travel restrictions, particularly on international travel, would reduce participation and make the results less representative than in a year of unlimited travel. The reduced participation was shown by the reduced number of competitors in each event – again about two-thirds for most classes but about one-half in F1E. As well as covid19 another factor reducing participation was the tighter scheduling of events to fit this number into half a year. The statistics of the 2021 events are compared to those of the last full year 2019 in the section below.

The winner of F1A is Per Findahl of Sweden, repeating his victory in the previous World Cup in 2019, and his 9th F1A World Cup win. He was followed by Miroslav Mandichev of Bulgaria and Dusan Fric of Czech Republic.

The winner of F1A-Junior is Patrik Klobusicky (SVK) followed by two female competitors Anastasija Pozharska (MKD) and Ana Budimic (BIH). These three had scores including 4, 3, and 2 victories respectively.

Alexander Andriukov (USA) won the F1B World Cup and this is his 9th World Cup victory, keeping pace with Per Findahl in

F1A for the greatest number of World Cup wins. Runner up in F1B was Vinko Tomljanovic (CRO) with a score consisting of 4 victories, the same number as Andriukov. Third place went to Ismet Yurtseven of Turkey with a score from 3 victories and a second place.

F1B Junior was won by Florian Jackel (GER) and second place went to Faruk Cabaravdic (BIH), with both of these flyers having won 4 events. Third place was taken by Lara Maria Horak, a German girl who had her 12th birthday during this World Cup.

Darijo Jermol of Croatia won F1C by a clear margin. He had first place at four events, while second and third place Soma Bauer (HUN) and Gauthier Briere (FRA) each had only 2 victories in their scoring results.

F1P Junior suffered from a further drop in participation, with the winner being Martin Karamalakov (BUL) followed by Valery Zibirov (RUS) and, like in F1B Junior, third place went to a female flyer, this time Szonja Bauer (HUN).

Varadi Mihaly of Hungary was the winner in F1Q followed by Franco Gradi of Italy who was the winner of the previous F1Q World Cup and the first person to hold the new trophy for the class. Andreas Lindner (GER) was third. In the inaugural F1Q Junior event the winner was Eyal Brodesky (ISR) who had won the F1Q junior category at both of the final events in Israel gaining 3 bonus points to take him ahead of Lara Maria Horak (GER) who also had 2 victories but no bonus points. Third place went jointly to Franciszek Jedrysiak and Kamil Pogonowski, both from Poland.

Jean-Luc Drapeau won the F1E World Cup with 2 victories amongst his scores from 8 events, beating his compatriot Andre Trachez who had a single victory in the same number of scores.

Number of contests

	F1A	F1A-Jun	F1B	F1B-Jun	F1C	F1P-Jun	F1Q	F1Q-Jun	F1E	F1E-Jun
2021	42	36	42	34	33	5	23	6	15	11
2019	61	48	60	33	56	15	33		24	21
ratio 2021/2019	69%	75%	70%	103%	59%	33%	70%		63%	52%

Number of entries per contest

	F1A	F1A-Jun	F1B	F1B-Jun	F1C	F1P-Jun	F1Q	F1Q-Jun	F1E	F1E-Jun
2021	21.74	4.44	13.07	2.79	4.76	2.20	6.65	2.67	14.53	3.73
2019	31.10	7.45	20.10	3.20	7.20	2.50	6.00		31.30	8.20
ratio 2021/2019	70%	60%	65%	87%	66%	88%	111%		46%	45%

F1A

1	Per Findahl	SWE	2087	SP-1	SE-1	WB-2	SB-3	DK-4											
2	Miroslav Mandichev	BUL	2081	KC-1	HO-1	MD-1	SZ-2	HG-2	PS-2	DA-4	PR-4	HE-9	MS-6	IK-8	BU-8				
3	Dusan Fric	CZE	2015	SL-1	SZ-1	WB-3	ZE-3	SP-7	SB-7	KZ-13									
4	Rudolf Holzleitner	AUT	1967	WB-1	EU-3	HO-3	SP-5	KZ-6	CR-8	HG-5	DA-10	HE-12							
5	Kosma Huber	SWE	1942	KZ-3	ZE-2	SP-4	SE-2	DK-2	HO-7	SB-10	WB-12								
6	Ivan Bezak	SVK	1942	CR-2	HO-2	HE-2	SB-5	SZ-4	SL-6	KC-10	HG-7	WB-20							
7	Frank Adametz	GER	1896	HF-2	KC-3	SB-4	WB-4	EU-21											
8	Matija Hrast	SLO	1807	SB-1	DA-1	WB-5	CR-9	KC-13											
9	Vitek Rossler	CZE	1806	CR-1	ZE-1	HO-5	DA-6	KZ-14	HE-10	WB-12	SB-18								
10	Jan Vosejka	CZE	1805	HE-1	SP-5	ZE-4	WB-7	HO-6	SL-7	SB-12									
11	Bostjan Bagari	SLO	1804																
12	Jama Danier	CAN	1782		21	Jim Parker	USA	1326	30	Andrew Barron	USA	1039							
13	Anze Gaberscek	SLO	1781		22	Michal Sliwinski	POL	1294	31	Tereza Vosejpkova	CZE	1026							
14	Csaba Nagy	HUN	1672		23	Michal Slys	POL	1194	32	Edin Sahinovic	BIH	1020							
15	Volker Bajorat	GER	1583		24	Dominik Andrist	SUI	1165	33	Jaroslav Jeziorny	POL	995							
16	Allard van Wallene	NED	1480		25	Patrik Klobusicky (J)	SVK	1147	34	Istvan Halasz Szabo	HUN	987							
17	Emmanuel Ragot	FRA	1476		26	Bronislav Gablas	CZE	1109	35	Goce Josifovski	MKD	971							
18	Maarten van Dijk	NED	1406		27	Ismail Keskin	TUR	1093	36	Sergey Makarov	RUS	960							
19	Milos Budimcic	BIH	1369		28	Thomas Weimer	GER	1078	37	Vlad Cristea	ROU	926							
20	Vasily Beschasny	UKR	1364		29	Jgor Butsnevich	RUS	1045	38	Robert Lesko	CRO	923							

F1A-Junior

1	Patrik Klobusicky	SVK	2024	4	Levente Halasz-Szabo	HUN	1432	7	Noa Goldstein	USA	1004
2	Anastasija Pozharska	MKD	1761	5	Oscar Thevenon	FRA	1267	8	Geva Malizki	ISR	862
3	Ana Budimcic	BIH	1509	6	Capucin Ragot	FRA	1267	9	David Lunko	CRO	858

Third place went to Bob Sifleet with 2 victories in his scores from the 3 competitions in USA but no possibility of any more events.

The winner of F1E Junior was Jakub Wisniewski (Poland) who placed second in the previous world Cup, followed by Valentin Hasardzhiev (BUL) and Enrico Polin (ITA).

ORGANISATION

There had been continual postponement of events during the period from March 2020 and this continued with changes during the period of the 2021 World Cup. Competitions were condensed into a shorter period than usual which gave some clashes but these were less significant than usual given that travel restrictions had a significant effect on participation.

A system had been established in 2019 for a validity check on the FAI licence of every person on the results list and this was followed again this year. When there are people without valid licences the results have been posted initially with this indicated. After a short time allowed for administrative updates of licences to work into the system, the results have been re-processed and flyers without valid licences removed. It appeared that this year there was a higher proportion of people eliminated for not having current licences, possibly deciding not to renew their licence this year because of the truncated season.

STATISTICS

There have been 42 competitions in F1A F1B F1C F1P F1Q and 15 in F1E with a total 1840 entries in these competitions. The distribution and participation in each class is compared with 2019 in the two tables below. More statistics will be included in FFn next month.

Contests included in the F1ABCPQ results

		org	venue	date	F1A	F1AJ	F1B	F1BJ	F1C	F1PJ	F1Q	F1QJ
SE	Swedish Cup	SWE	SWE	July 9	16	2	3	1	0	0	4	1
DK	Danish Summer Cup	SWE	SWE	July 10	15	2	6	1	0	0	2	0
HG	Harghita Cup	ROU	ROU	July 10-11	20	7	3	1	0	0	0	0
CR	FF CRO Cup	CRO	CRO	July 24	34	3	18	3	3	0	12	0
DA	FF Memorijal Darko Krajina	CRO	CRO	July 25	25	3	15	3	4	0	11	0
UN	US Free Flight Nationals	USA	USA	July 25-27	5	1	11	1	0	0	7	0
SL	Salonta Cup	ROU	ROU	July 31-1	32	4	11	0	2	0	3	0
SZ	Szabo Miklos Memorial	HUN	ROU	Aug 1	24	5	3	0	2	0	4	0
HF	Hispano-Francia	ESP	FRA	Aug 9-10	30	8	23	6	4	0	5	0
LV	Free Flight Latvia Cup	LAT	UKR	Aug 13-14	6	1	9	1	3	0	0	0
CN	Canada Cup	CAN	CAN	Aug 14	2	0	5	0	1	0	0	0
HC	Huron Cup	CAN	CAN	Aug 15	3	0	6	0	2	0	1	0
MG	Mongolian Cup	MGL	MGL	Aug 14-15	11	2	6	1	2	0	0	0
AS	Asian Cup	MGL	MGL	Aug 14-15	12	2	5	1	4	0	0	0
EF	51st Eifelpokal	GER	GER	Aug 27-29	32	6	16	1	4	0	3	0
PS	Prista Cup	BUL	BUL	Sep 10-11	16	5	9	3	3	1	0	0
BU	Bulgaria Cup	BUL	BUL	Sep 11-12	15	5	8	3	3	1	0	0
VS	Viktor Stamov Cup Golden Automn	UKR	UKR	Sep 16-17	7	3	6	3	5	0	0	0
AM	Almaty Cup of Kazakhstan	KAZ	RUS	Sep 17-19	7	0	5	1	5	0	0	0
SB	South Bohemian Cup	CZE	CZE	Sep 18	42	6	21	5	2	0	8	1
IK	39th Memorial Izet Kurtalic	BIH	BIH	Sep 18	15	3	10	2	0	0	0	0
WB	West Bohemian World Cup	CZE	CZE	Sep 19	40	6	15	4	2	0	6	0
MS	57th Mostar Cup	BIH	BIH	Sep 19	14	3	10	1	0	0	0	0
HO	Hogo Cup	SVK	SVK	Sep 25	32	4	10	0	3	0	0	0
PL	VL Rhone-Alpes / Philippe Lepage	FRA	FRA	Sep 25-26	20	5	23	6	0	0	5	0
ZE	Zabokrek Cup	SVK	SVK	Sep 26	29	5	8	0	3	0	0	0
NL	Naloev Cup	RUS	RUS	Oct 1-5	45	10	40	6	19	3	0	0
PR	Prilep Cup - Trophy of Prilep	MKD	MKD	Oct 2	16	3	12	1	1	0	0	0
MD	Macedonia World Cup	MKD	MKD	Oct 3	16	4	10	1	2	0	0	0
EL	Elbrus Cup	RUS	RUS	Oct 5-9	30	7	37	6	19	4	0	0
AL	Anatolian Free Flight Cup	TUR	TUR	Oct 8-10	7	0	6	0	0	0	0	0
KU	Kotuku World Cup of New Zealand	NZL	USA	Oct 8-10	12	0	16	0	0	0	4	0
KZ	Kar Tel Cup, Pieter de Boer Mem.	NED	POL	Oct 9	49	6	18	4	6	0	14	5
SR	Sierra Cup	USA	USA	Oct 9-11	16	2	17	1	5	0	5	0
CT	15th Trofeo Citta di Capannori	ITA	ITA	Oct 9-10	8	0	13	2	5	0	4	0
SP	SPZG Cup. Antoon van Eldik Mem.	NED	POL	Oct 10	51	6	17	3	4	0	15	5
MM	Max Men	USA	USA	Oct 16	14	2	17	2	4	0	3	0
KC	Krka Cup	SLO	SLO	Oct 23-24	34	9	14	1	5	0	0	0
EU	Eurofly	SUI	SUI	Oct 30-31	42	5	31	6	12	0	16	0
HE	Herend Cup	HUN	HUN	Nov 6-7	31	6	8	2	8	2	9	0
NG	Negev Open	ISR	ISR	Dec 16	17	4	12	6	5	0	5	1
HN	Hanukkah Open	ISR	ISR	Dec 17-18	21	5	16	6	5	0	7	3

F1B

1	Alexander Andriukov	USA	2070	EU-1	MM-1	HC-1	CN-1	UN-2	SR-3	KU-3		
2	Vinko Tomljanovic	CRO	2049	SL-1	IK-1	MS-1	HO-1	ZE-2	DA-4			
3	Ismet Yurtseven	TUR	1977	PS-1	BU-1	AL-1	DA-2	EU-4	KC-4	PR-4	MD-5	
4	Stepan Stefanchuk	UKR	1731	HE-1	SP-2	LV-2	EF-1	SB-5	KZ-5	WB-5		
5	Bernd Silz	GER	1663	ZE-1	WB-2	EF-1	CR-4	HO-5	SB-11			
6	Vladislav Urban	CZE	1576	SB-1	SZ-1	SL-2	KZ-8					
7	Adam Krawiec	POL	1526	HG-1	WB-3	SB-4	ZE-3	SP-6	HO-4	HE-4		
8	Sevak Malkhasyan	USA	1499	SR-1	KU-1	MM-2						
9	Serge Tedeschi	FRA	1411									
10	Jerry Fitch	USA	1376		19	Walt Ghio	USA	1019	8	Svetozar Gostojic	SRB	875
11	Mickael Rigault	FRA	1345		20	Timur Useynov	RUS	1014	29	Stanislaw Skibicki	POL	869
12	Malik Cabaravdic	BIH	1240		21	Bror Eimar	SWE	1010	30	Didier Barberis	FRA	854
13	Soniboj Sabo	CRO	1161		22	Lara Maria Horak (J)	GER	993	31	Gongor Mijiddorj	MGL	844
14	Riho-Ats Saatvali	EST	1097		23	Richard Nouvian	FRA	965	32	Artur Khudoyan	RUS	838
15	Evgeny Gorban	UKR	1087		24	Albert Bulatov	RUS	940	33	Mateo Morandini (J)	FRA	834
16	Jean-Luc Bodin	FRA	1070		25	Kliment Masin	MKD	939	34	Aleksandr Egorov	RUS	809
17	Florian Jackel (J)	GER	1068		26	Michael Seifert	GER	937	35	Oleg Kulakovsky	UKR	795
18	Aleksandr Starov	UKR	1030		27	Tomaz Hribar	SLO	919	36	Sergey Degtyarev	RUS	772

F1B-Junior

1	Florian Jackel	GER	2020	4	Mateo Morandini	FRA	1024	7	Ittai Kohavi	USA	1002
2	Faruk Cabaravdic	BIH	2005	5	Kirill Frolov	RUS	1014	8	Odkhuu Anar-Erdene	MGL	1000
3	Lara Maria Horak	GER	1839	6	Oleksii Kosylo	UKR	1003	8	Petar Cvetanovski	MKD	1000

F1C

1	Darijo Jermol	CRO	2019	HE-1	DA-1	HO-1	ZE-1	CR-1
2	Soma Bauer	HUN	1510	SZ-1	SB-1	HE-3	ZE-2	HO-2
3	Gauthier Briere	FRA	1351	HF-1	EF-1	EU-5	KC-3	
4	Balazs Bauer	HUN	1133	SL-1	WB-1	HE-4		
5	Vasil Zosimenko	UKR	1008	VS-1	LV-1			
6	Stancho Dobrev	BUL	1006	PS-1	BU-1			
7	Ziva Kovacki	SRB	1002	MD-1	PR-1			
8	Shlomo Nagari	ISR	842	NG-1	HN-2			
9	Juri Roots	EST	763					
10	Avirmed Amar-Otgon	MGL	754		16	Alexey Karpov	RUS	612
11	Edward Burek	POL	719		17	Abraham Elyakim	ISR	596
12	Volodymyr Sychov	SLO	674		18	Ezra Shemesh	ISR	596
13	Marek Roman	POL	674		19	Mansur Zelyaev	RUS	561
14	Aleksandr Morozov	RUS	668		20	Dittmar Meissnest	GER	514
15	Nikolay Rekhin	RUS	650		21	Gennsdiy Kashirsky	RUS	510

F1P-Junior

1	Martin Karamalakov	BUL	1000
2	Valery Zibirov	RUS	881
3	Szonja Bauer	HUN	502
4	Sarmat Dziov	RUS	377

F1Q

1	Varadi Mihaly	HUN	2047	SP-1	DA-1	SB-1	WB-1	HE-2	EU-4	SZ-2	KZ-7
2	Franco Gradi	ITA	1955	EU-1	PL-1	CT-1	CR-2	DA-3	HE-3		
3	Andreas Lindner	GER	1408	SP-2	KZ-2	EU-5	SB-3				
4	Omri Sirkis	ISR	1337	NG-1	EU-2	HN-2					
5	Varadine Fodor Imola	HUN	1324	CR-1	KZ-4	SP-5	WB-2	SB-4			
6	Robert Sifleet	USA	1220	MM-1	UN-2	SR-2					
7	Andras Buzas	HUN	1186	SB-2	SL-1	WB-2	CR-5				
8	Benjamin Tarcher	USA	924	KU-1	MM-2	SR-3	UN-4				
9	Gabor Milak	HUN	887								
10	Cesare Gianni	ITA	788		16	Jean Luc Drapeau	FRA	639			
11	Daniela Seren	GER	785		17	Gabor Kertesz	HUN	593			
12	Stanislaw Bolko	POL	756		18	Filip Badylak	POL	587			
13	Per Grunnet	DEN	754		19	Shmulik Sitton	ISR	508			
14	Andrea Banci	ITA	751		19	Michael Richardson	USA	508			
15	Andras Jancso	HUN	725		21	Julie Parker	USA	505			

F1Q-Junior

1	Eyal Brodesky	ISR	1003
2	Lara Maria Horak	GER	1000
3	Franciszek Jedrysiak	POL	842
3	Kamil Pogonowski	POL	842
5	Bartek Glinka	POL	338

Contests included in the F1E results

	org	venue	date	F1E	F1EJ
CE Centennial Cup	USA	USA	July 9	4	0
GC Governor's Cup	POL	POL	Aug 20	22	5
TZ Toszek Cup	POL	POL	Aug 21	26	7
UE Friendship Cup of Ukraine – Memorial of Valeriy Gorynin	UKR	POL	Aug 22	28	8
PE 16th Poitou Charentes F1E	FRA	FRA	Sep 11	22	6
PM Poitou Moncontour F1E	FRA	FRA	Sep 12	19	5
PA Prista Cup F1E	BUL	BUL	Sep 17-18	12	3
BG Bulgaria Cup F1E	BUL	BUL	Sep 18-19	12	3
GV Guido Vettorazzo 6th GAR Rovereto	ITA	ITA	Oct 2	11	1
VL 11th Volare Lessini	ITA	ITA	Oct 3	11	1
CA Max Men California Cup	USA	USA	Oct 5	10	0
RA Rana 1	CZE	CZE	Oct 9	14	1
RB Rana 2	CZE	CZE	Oct 10	12	1
SI Sierra Cup	USA	USA	Oct 11	7	0
KO Kotuku World Cup of New Zealand	NZL	USA	Oct 12	8	0

F1E

1	Jean-Luc Drapeau	FRA	1928	TZ-1	VL-1	UE-3	PE-3	RA-3	RB-3	PM-6
2	Andre Trachez	FRA	1743	PM-1	GV-2	VL-2	TZ-5	GC-5	UE-8	PE-9
3	Robert Sifleet	USA	1144	CA-1	CE-1	SI-4				
4	Sabine Trachez	FRA	1125	UE-2	TZ-6	PE-8	PM-9	GV-6	GC-7	VL-6
5	Jakub Wisniewski(J)	POL	1061	UE-1	GC-1					
6	Vojtech Zima	CZE	992	UE-5	RA-4	RB-4	GC-11			
7	Franciszek Kanczok	POL	903	TZ-2	UE-4	GC-6				
8	Eugeny Gorban	UKR	889	SI-1	KO-2					
9	Tom Ioerger	USA	887	SI-2	KO-3	CE-2	CA-5			
10	Pavlova Eleonora	BUL	857							
11	Daniel Petcu	ROU	854		18	Ventsislav Minev	BUL	604		
12	Stanislaw Kubit	POL	829		19	Peter Brocks	USA	589		
13	Fred Terzian	USA	816		20	Czeslaw Ziober	POL	557		
14	Wieslaw Moj	POL	724		21	Bernard Trachez	FRA	527		
15	Giuseppe Berto	ITA	686		22	Piotr Jarkiewicz	POL	517		
16	Jaromir Orel	CZE	641		23	Vaclav Levy	CZE	517		
17	Konrad Zurowski	POL	626		24	Ondrej Vysoky	CZE	514		

F1E-Junior

1	Jakub Wisniewski	POL	1061
2	Valentin Hasardzhiev	BUL	1006
3	Enrico Polin	ITA	1000
4	Franciszek Krakowczyk	POL	591
5	Antoni Dlugopolski	POL	508
6	Nathan Laura	FRA	507