



2018

FAI F2 World Championships for Control Line Model Aircraft

Landres - France

FAI JURY REPORT

Contest Information

Three bulletins were published and emailed to the appropriate NACs. The Organisers also set up a website for information purposes.

A Management Meeting was held on the first day, the 14th of July, with the organiser for mutual knowledge, for undertaking improvement actions and for understanding the various tasks inside the organisation.

- For F2B, each judge uses an electronic device for giving the marks during the pilot flights. They transmit Wi-Fi the marks to a central computer which collects the data and makes the calculation of the score of each judge per each flight. The system has been already used, at the end of each flight, two print-out of the scoresheet, one for the competitor and one for recording purpose. Each printout is checked and signed by the judge and checked by an operator to verify that the data in the computer are the same. The device printout and the computer printout of the same score are given to the competitor at the end of each his flight. This system is considered robust since each device print out keeps the data independently form the central computer. A training session for the F2B judges with the experts of the electronic system was planned for the 15th of July before starting the F2B qualification flights.
- The FAI Jury clarified the sporting rules for managing any competitor complaints and protests and to keep involved the Contest Directors.
- The FAI Jury suggested that the organisation anticipated the F2C senior final on early afternoon of the last day rather than in the late afternoon. The F2C junior final will be the first one. The suggestion was to avoid any delay impact on the closing ceremony by a possible protest after the F2C final.
- It was clarified the procedure and the supports in case of emergency first aid.
- The phone numbers of the Jury members and of the Contest Directors were distributed for prompt support in case of protests and other interventions.
- All the licenses of the competitors and of the F2D mechanics have been controlled by the organiser. For the Ukrainian team, some competitors were changed at the last minutes since the previous ones had no valid FAI license.
- The information about the Championships during the competition days were available on the board of the Club House in the main square of the stadium and on each flight site (only for that specific class). The same information were on the Championships website and in the "Cercle Modéliste du Bassin de Landres (CMBL)" facebook site.
- All the flight sites were ready for the competitions except for the F2D circles which were ready after the open ceremony since that area was closed to the F2D circles.

Two Team Managers' meeting were held, the first one on the first day, the 14th of July and the second one on the 18th of July.

The first Team Manager meeting was held with Organiser, the Team Managers, the FAI Jury, and the Contest Directors in a location five minute by car far from the Stadium.

- It was pointed out the high number of competitors and asked to the Team Managers to contribute to speed up the competition processes.
- The FAI Jury clarified the sporting rules for managing any competitor complaints and protests and to keep involved the Contest Directors. The Contest Directors were presented to the Team Managers.
- Each Contest Director explained their comments and instructions for getting fair competitions. For F2D, it was explained the procedure to use two competition flying circles, one in use while setting up for the next heat in the another with all safety requirements in place, for speeding up the sequence of the heats. This due to the high number (84) of competitors. For the same reason, the circle Marshall role will be exchanged during the competition between Mr Hunt and Mr Barbaric.
- It was explained the F2B scoring electronic system and the relevant training meeting for the F2B Judges.
- It was explained where the championships information could be taken. The processing was held in a dedicated big tent at the entrance of the stadium.
- It was clarified the procedure and the supports in case of emergency first aid distributing the relevant emergency numbers.
- On Sunday, all the competitions had to be completed by 5.00 pm for allowing to watch the final of the 2018 FIFA Football World Cup between France and Croatia.
- Other team manager meetings would be held only if necessary.

The three F2B fly-off flights (54) were planned for the last day of the championships. This meant to complete the F2B championship at about 7.00 pm.

Due to the large number of the championships competitors the organiser would not have had sufficient time for preparing all the championships results and the prizegiving within a reasonable time.

In agreement with the FAI Jury, the organiser decided to propose to the Team Managers to anticipate the first F2B fly-off flight on the 18th of July, starting one hour after the completion of the fourth F2B qualification flights. The F2B Judges and the F2B contest director agreed.

For this purpose, a second Team Manager meeting was held in the morning of the 18th of July with the Organiser, the Team Managers and the FAI Jury.

- The Team Managers agreed and the FAI Jury took care that all Team Managers were informed about it.

The information, emergency notices and results about the championships were displayed in a timely fashion on the boards at the Club House in the main square of the stadium. The protest reports were displayed on that board.

The information about the Championships during the competition days were also available on the Championships website and in the “Cercle Modéliste du Bassin de Landres (CMBL)” facebook site.

Some LCD displays outside of the club House showed the live results of the competitions. A giant display in the main square showed the live images of the competitions.

Entry

An exceptional number of entries there were, probably a record:

317 competitors + 49 F2D Mechanics in total from 40 countries
34 juniors from 19 countries
F2A - 48 in total: 41 seniors & 7 juniors from 19 countries
F2B - 85 in total: 73 seniors & 12 juniors from 31 countries
F2C - 50 teams in total: 45 senior teams & 5 junior teams from 20 countries
F2D - 84 in total: 74 seniors & 10 juniors from 29 countries

Accommodation & Food

The accommodation was a mix of hotels, apartments and camping. The FAI Jury and Judges accommodation was in apartments from 15 to 30 minutes far from the F2 Stadium. They were at high level of quality. The organisers provided the FAI Jury, Contest directors and judges with tickets to be used for lunches and dinners at the restaurant truck located in the main square of the Stadium, drinks were free. The quality and food selected were excellent. Breakfast quality was excellent. The transport of the officials to the flying site was provided using rented cars or the personal ones of the judges.

The restaurant trucks and the kiosks in the main square provided food and drinks of excellent quality and at reasonable prices throughout the day to competitors and supporters.

The camping area, for tents and caravans, was inside (only tents) and just outside the stadium. This arrangement makes the championships site enjoyable for the numerous competitors who made camping.

Flying Site

The competitions ran in the "Espace Victor Tatin" stadium totally dedicated to Control Line: 4 concrete circles, 1 grass circles, surrounded with permanent fence, all of them purpose built and a wide grass area for F2D surrounded by a temporary fence. All the flying circle were close each other and easily and quickly reachable on foot. This location was used for many World Cup events and in 2008 for the FAI F2 World Championships.

F2A was located at the south west of the site. Close to this circle, there was a large tent used as a working area and occasional shelter from the weather. The permanent circle was protected by permanent fences and the circle was built for these championships.

A wide electronic display provided the time of the current competitor and the best ten times in the ranking.

F2B had two official permanent circles in the centre of the stadium: one concrete and one grass. Both were surrounded by permanent fences with tents used as a working area and occasional shelter from the weather.

F2C used the permanent circle with fence at the north of the stadium with a display showing the best ten teams ranking and another display showing the warning, the lap counter and the time of each team during the heats. There was a dedicated entry and exit area with shelters as working area and occasional shelter from the weather

The stadium contained even a F2C permanent circle for training located at north of the stadium.

F2D had a large area for two official circles towards the west of the site. The organiser removed the undergrowth of the wood which is close to the F2D official circles. This was appreciated by the F2D community since they enjoyed the championship in a shadowed and fresh wide area. The circles were protected by a metallic and plastic temporary fence.

Main Control of the championships was in the Club House and other buildings surrounding the main square of the F2 stadium. They provided all the necessary for the FAI Jury, meeting the organizer, the officials and for making Management and Team Manager meetings.

Very useful internet free access was available and accessible by everybody.

Model Processing

The processing was held in a dedicated big white tent at the entrance of the stadium.

The processing was performed by expert volunteers except for F2D Judges who performed the processing.

For all classes, F2A, F2B, F2C and F2D: No problems were reported.

The activity was performed fluently, with no remarkable queues.

Processing during the competition was conducted with the specified equipment. All checked aircraft were within the rules specification.

Weather

The weather was sunshine with some clouds throughout the Championships. The temperature was acceptable and only sometimes was high.

The organiser constantly provided water to the Judges, the officials and the helpers.

Competition

F2A Speed

The Contest Director was Mr Kántor Lajos helped by two helpers dedicated to control the electronic time acquiring system. No issues have been identified.

The flying order draw was automatically created by the organiser computer.

One helper was disqualified because he was walking in the circle while the competitor model was not stopped on ground but it was still landing with the engine off.

A large electronic display showed the lap speed during the competitor flight and the final speed at end of his flight. The display showed also the ten best times of the F2A Championship.

One protest was received and was upheld.

F2B Aerobatics

The Contest Director was Mr Uwe KEHNEN supported by two helpers, one per circle.

Training grass circles were available not far from the F2 Stadium.

Two Panel of Judges; one was led by Mr Stefan Kraszewski and the other by Roger LADDS.

A training session for using the electronic devices was performed with the Judges who understood how to use them.

The flying order draw was automatically created by the organiser computer.

At the beginning of the qualification flights, there were some issues due to the use of the electronic devices for some judges. The issues have been corrected and solved. Back up paper score sheets were made available to use if necessary but no more issues occurred.

The FAI Jury was asked to attend a competitor flight due to safety concerns of his way of flying. The flight stopped during the inverted flight and no safety event occurred. Therefore, no action was undertaken.

Two operators of the central computer, expert of the electronic system, worked at each circle comparing the data of the device print out of each judge with the data in the central computer. A copy of the score sheet with the calculate total of each flight were given to each competitor after his flight.

No protests were raised.

F2C Team Race

The Contest Director was Mr Fabrice Picard.

The flying order draw was automatically created by the organiser computer.

The contest infrastructure was good and well prepared with a display showing lap counters, time and warnings for each heat. A large electronic display showed the best twelve teams ranking.

The visibility at different angles of view of the display showing lap counters and time for each heat could be improved for the benefit of the public which is not aligned with that display.

The panel of judges was composed of Mr Bruno Delor, as head of judges, Mr Mike Crossman and Mr Max Dillinger. They already worked together with good co-operation.

No protests were raised.

At the heat 2, the Russian team of Sergei DOZHIDAEV/Vyatcheslav/DUKOV flew a time of 3min 05.1sec. It is a record but the team didn't claim it.

An issued occurred at the end of the Junior final, that caused to consider a tie first position of two teams:

- During the verification of the times given by the two time keepers, the taken times had a difference above the 0.18 second tolerance. According to the rule 4.3.12 b) v), this is the reason for the team to accept the highest time or be granted a re-flight.
- Granting a re-flight for a final was not possible since two other dummy teams have to be selected for flying a final for the purpose of only one team. Practically it is not a final.
- Therefore, the team could not ask a re-flight but only accept the highest time. To be noted that taking the lowest time that team would have won the F2C Junior championship.
- Taking the highest time, a tie situation with the other team was created; but only because the rules don't consider a condition of out of tolerance time acquisition during a final (where the re-flights cannot be granted).
- after noting both teams have the same time in the final according to 4.3.12 b) v), it has been considered that paragraph 4.3.10 a) covers clearly the case of a tie in the overall final but is not adapted to the junior final defined in 4.3.9 e).
- Therefore, it was fair, for both teams, to discuss the situation (even required by the rule 4.3.12 b) v)) and to propose to both teams to be at first place.
- This is due to an extraordinary situation not considered by the rules.
- After the relevant explanation, the involved competitors and the relevant team managers willingly accepted the proposal with kind handshakes.
- They asked confirmation to be both defenders at the next F2C World Championship. This has to be approved during the approval of the Bulletin 1 of the next F2C World Championship at the 2019 December Bureau meeting.
- The above was discussed and agreed between the competitors, the relevant Team Managers, the F2C Judges and 2 members of the FAI Jury.

Correction of the technical rules should be required for avoiding that this situation could occur again.

F2D Combat

The contest director was Mrs Yolanda Garcia de Fuentes.

The head of Judges was Ingemar Larsson

The Circle Marshall were Mr Vernon Hunt and Mr Pavol Barbaric.

The flying order draws were made by the Panel of Judges.

With 84 competitors 166 ordinary heats (as the winner still had his 2 lives) were performed. 24 re-flights were performed for a total of 190 heats. Most on them (60) was on day 2 when the round 1 was first finished and then also the round 2 finished.

To point out that only 5 fly-aways occurred in which the shut-off worked in all cases and no one was disqualified for a failure. It is the first time that so few fly-aways occurred and none disqualified.

The panel of Judges with the support of the CMs was a very experienced team. With the 6 young scores coming from Spain, France and Italy, they worked very well and well integrated. The open and clear approach of judges and of their head, Ingemar Larsson, versus the competitors contributed to solve many issues before they could result in official protests.

Nine protests were received; three upheld.

FAI Jury

The FAI Jury was composed of Mr Jean Paul Perret (FRA), Mr Kevin Dodd (AUS) and Mr Massimo Semoli (SUI) as Jury President. There was common information flow and shared tasks with a good integration and harmony thanks also to the very good co-operation provided by the CDs and the Judge Panels with the relevant Heads of each class. That allowed to achieve a good management survey of the championships.

Protests

There were 10 protests 9 in F2D and 1 in F2A. 6 were denied and 4 upheld by the FAI Jury. For each protest, the facts were thoroughly established before performing the analysis. All the Jury decisions were unanimous. The necessary freedom was given to the CDs and to the Judges for managing the complaints.

Ceremonies

After the Team Manager meeting, the Team managers and the Officials were invited by the local authorities for a drink. It was a pleasant occasion to know the local authorities who supported the championships. They made a welcome speech and offered a gift to the invited persons.

The opening ceremony was held on the evening of Saturday 14th July with the support of a giant display at the entrance street of the "Espace Victor Tatin" stadium and close to the F2D circles.

A Video media company filmed the event and showed it on the display. All the participant nations with the relevant competitors were showed on the display.

All the national team with their competitors paraded in the area with their flags.

A spectacular half an hour fireworks show entertained the public and the competitors.

The FAI anthem was played, the FAI flag was showed on the display and the FAI Jury President made his speech and officially opened the Championships.

The flags of the competing nations were erected around the main square of the Stadium.

The prize-giving and closing ceremony took at the main square of the stadium in front of a giant display. The closing ceremony was good and pleasant with the presence of the FFAM President and the local authorities.

All the Judges, officials and volunteers were called for a deserved applause of the attendances.

The organiser asked for a special display of all Junior participant with their national flags.

Following the women participating to the championships were called for receiving a gift from the local authorities.

The FAI Jury, FFAM President and the local authorities presented the 1st, 2nd & 3rd placed winners of the various classes with the FAI medals, FAI diplomas and FAI Championship trophies. The prize-giving podium was prepared in front of the display which showed the national flags of the prized competitors during the national anthems playing.

The FAI Jury President closed officially the Championships before the FAI anthem was played and the FAI flag showed on the display.

A Video media company filmed the closing ceremony.

The banquet took place in large tent placed at the entrance street of the “Espace Victor Tatin” stadium the good food was served by waiters of a catering company. The atmosphere was warm and pleasant.

Results

During the computation of the final championships results, it was discovered a problem in the computer of the organisation. The team classification for all the nation and for each class was not possible to be computed. The problem was not solvable in a quick time so the FAI Jury checked manually and approved the results useful for the Championships prizegiving.

The full results were prepared by the organisation, checked by the FAI Jury and approved the following day. There were no changes in the scores from the final results with those of the Prizegiving.

The full results were available on the Championships website and sent via e-mail to FAI and to all CIAM delegates.

The FAI licences and national flags were available for collection.

The set of results approved before the Prizegiving ceremony is appended to this report.

Trophies

The following CIAM perpetual trophies will be awarded:

- F2A Individual - Netherlands Cup - New holder: Luca GROSSI (ITA)
- F2A Team - Leonardo da Vinci Cup - New holder: Hungary
- F2B Individual - Steve Wooley Cup – New holder: Liu YANG (CHN)
- F2B Team - Jim Walker Team Trophy - New holder: Japan
- F2C Individual - Paul du Toit Challenge renamed as Kupok Challenge Trophy – New holder: Sergei ANDREEV / Oleg VOROBIEV (RUS)
- F2C Team - Asboth Oszkar Cup - New holder: Russia
- F2D Individual - Castrol Trophy - New holder: Audrius RASTENIS (LTU)
- F2D Team - Combat Team Trophy - New holder: Finland

Comments

The flying site, the Espace Victor Tatin” permanent stadium, is fantastic for holding F2 championships with excellent and built on purpose infrastructures supporting efficiently both the competitions in all classes and the involvement of the spectators. The camping area was

inside and just outside the stadium. The central square had good infrastructure for providing enjoyable area for having meal and drinks all together. All of this made the stadium usable and comfortable for the many competitors and supporters of the Championships.

The organisation, worked hardly with the support of numerous dedicated volunteers, of the sponsors and of the local authorities.

It was impressive the dedication and attention that was taken on all the details for organising and making these Championships a success in an excellent stadium for supporting both the competitions, the lodging of the competitors and supporters in the camping area, the public, the media, etc.

The personnel involved in the organization was sufficient and they worked well with a professional and dedicated approach.

More persons should be involved in the key roles of the organisation; for the administration jobs, computation of the results, etc. The delay of the publication of the full results could be avoided.

Some of the planned infrastructure to be utilised were not fully tested in advance.

The choice of moving the first F2B Fly-Off flight just after the last qualification flight was necessary to allow a proper conclusion of the Championships the day after, but this overcharged the F2B judges already assessing many competitors during the fourth day of the F2B Championship.

For the next FAI F2 World Championships, it would be better to add an additional reserve day.

The availability of the Club House and of the other building closed to the stadium main square were good for the management of the championships with the excellent support of Mr Fabrice Picard, Mrs Clare Perret and Mr Mathew Perret for the administration activity and Mr Bruno Delor for the competition supporting activity.

The Championships had an incredible coverage on the Media. A Video Media company was recruited which filmed constantly the competitions, the open and closing ceremonies. The videos were assembled on purpose for promoting and letting know the Control Line category.

Those videos were distributed in the internet websites and even showed by the news of TV networks.

Some newspapers wrote articles about the championships.

The live results and information of the Championships, during the competition days, were available on the Championships website and in the "Cercle Modéliste du Bassin de Landres (CMBL)" facebook site.

Conclusions

The Championships were excellent and carried out in an excellent global atmosphere.

They met the expectation of the numerous number of participants.

The official protests raised were mainly due to technicalities. They prove a good cooperation and fairness of Judges, helpers, organiser and competitors.

Many thanks to the Jury, judges and helpers who worked in a very hard condition due to the high number of competitors

Many thanks and congratulation to the organizer, the Federation Française d'Aéromodélisme (FFAM), the Cercle Modéliste Blénod Lorraine (CMBL) with its volunteers, the local Authorities and the sponsors.

TOP

- The flying site, the Espace Victor Tatin" permanent stadium, is fantastic for holding F2 Championships.
- The dedication and attention that was taken on all the details for organising and making these Championships a success.

- Incredible Media coverage of the Championships.
- High quality and selection of meals distributed by the catering truck of the main square
- Very good co-operation between FAI Jury, Judges, organiser and helpers

LOW

- The full final results were available the day after the completion of the Championships.
- The F2C time and lap counter displays of the three teams competing in a heat were not fully visible to the public.
- Better fence for the F2D circles.
- Some temporary toilets sometimes were not usable.

The FAI Jury

Mr Massimo Semoli - President



Mr Jean Paul Perret



Mr Kevin Dodd



1 Attachment: Approved Results for the Prizegiving Ceremony.



**2018 FAI F2 WORLD CHAMPIONSHIPS
FOR CONTROL LINE MODEL AIRCRAFT**

RESULTS

19/7/2018

for prizegiving ceremony

**Kevin
DODD**
FAI Jury Member

**Massimo
SEMOLI**
FAI Jury President

**Jean-Paul
PERRET**
FAI Jury Member

F2A - SPEED

Overall individual classification

Place	N°	NAME Surname	Nation	Flight 1 (km/h)	Flight 2 (km/h)	Flight 3 (km/h)	Flight 4 (km/h)	Result (km/h)
1	A23	Luca GROSSI	ITA	264.3	302.9	300.5	302.0	302.9
2	A21	Ferenc SZVACSEK	HUN	291.2	299.5	290.6	300.0	300.0
3	A15	Paul EISNER	GBR	296.8	295.3	296.5	299.4	299.4

F2A - SPEED

Junior classification

Place	N°	NAME Surname	Nation	Flight 1 (km/h)	Flight 2 (km/h)	Flight 3 (km/h)	Flight 4 (km/h)	Result (km/h)
1	A47	Ivan VALISHEV	USA	291.0	0.0	287.2	294.6	294.6
2	A37	Aleksandr KLOCHKOV	RUS	290.5	281.5	0.0	292.6	292.6
3	A32	Kacper WALANIA	POL	0.0	0.0	279.1	0.0	279.1

F2A - SPEED

Team classification

Place	Nation	PILOT 1 Speed	PILOT 1 Place	PILOT 2 Speed	PILOT 2 Place	PILOT 3 Speed	PILOT 3 Place	JUNIOR Speed	Place	Team result
1	Hungary	A19 296.8	8	A20 296.1	9	A21 300.0	2			892.9 km/h
2	Italy	A23 302.9	1	A24 292.6	18	A25 294.2	14			889.7 km/h
3	United Kingdom	A15 299.4	3	A16 298.3	5	A17 289.4	23			887.1 km/h

Sum of places	Best place
19	2
33	1
31	3

F2B - AEROBATICS

Overall individual classification

Place	N°	NAME Surname	Nation
1	B14	Liu YANG	CHN
2	B39	Marco VALLIERA	ITA
3	B70	Igor BURGER	SVK

Circle A	
Flight 1	Flight 3
1042.70	1076.00
1091.00	1062.07
1066.67	1054.73

Circle B	
Flight 2	Flight 4
1022.03	1010.03
1015.43	1005.03
1032.43	1026.43

Fly-off 1	Fly-off 2	Fly-off 3	Result
1067.57	1077.63	1'073.73	1075.68
1056.85	1070.58	1'075.17	1072.87
1060.98	1072.10	1'067.62	1069.86

F2B - AEROBATICS

Junior classification

Place	N°	NAME Surname	Nation
1	B12	Letong XU	CHN
2	B40	Hiroki YOKOYAMA	JPN
3	B77	Mykola KUCHER	UKR

Circle A	
Flight 1	Flight 3
1016.43	0.00
941.23	970.47
282.67	970.70

Circle B	
Flight 2	Flight 4
985.03	1011.57
922.67	945.03
931.10	921.60

Fly-off 1	Fly-off 2	Fly-off 3	Result
1019.47	1015.50	1'046.97	1033.21
1006.07	1011.13	1'031.33	1021.23
1002.83	1003.00	1'035.95	1019.47

F2B - AEROBATICS

Team classification

Place	Nation	PILOT 1 Place	PILOT 2 Place	PILOT 3 Place	JUNIOR Place	Team result	Best place
1	Japan	B41 4	B42 6	B43 9	B40 34	19	4
2	People's Republic of China	B13 14	B14 1	B15 12	B12 15	27	1
3	France	B26 8	B27 18	B28 22		48	8

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F2C - TEAM RACING

Overall individual classification

Place	N°	NAME Surname	Nation	Heat 1	Heat 2	Heat 3	Semi 1	Semi 2	Final
1	C36	Sergei ANDREEV / Oleg VOROBIEV	RUS	3 : 12.9	DISQ	32 laps	3 : 09.9	3 : 07.4	6 : 21.2
2	C37	Sergei DOZHIDAEV / Vyatcheslav DUKOV	RUS	3 : 13.3	3 : 05.1	3 : 11.1	3 : 09.2	3 : 11.3	6 : 52.4
3	C38	Denis GOROKHOV / Pavel GOROKHOV	RUS		3 : 08.9	3 : 15.9	3 : 09.1	13 laps	7 : 19.2

F2C - TEAM RACING

Junior classification

Place	N°	NAME Surname	Nation	Heat 1	Heat 2	Heat 3	Best	Final
1	C35	Dmitry DINKILAKER / Igor ANDREEV	RUS	3 : 35.2	3 : 29.9	3 : 24.7	: 24.7	7 : 22.3
1	C30	Dominik SIUDA / Jakub MUCHA	POL	31 laps	DISQ	3 : 45.1	: 45.1	7 : 22.3
3	C04	Nikolay PALEZHEV / Nikol PAVLOVA	BUL	3 : 46.3	3 : 35.2	3 : 39.9	: 35.2	31 laps

F2C - TEAM RACING

Team classification

Place	Nation	TEAM 1 Place	TEAM 2 Place	TEAM 3 Place	JUNIOR TEAM Place	Team result	Best place
1	Russia	C36 1	C37 2	C38 3	C35 34	6	1
2	Poland	C31 12	C32 20	C33 9	C30 43	41	9
3	France	C09 4	C10 11	C11 38		53	4

Individual Results F2D Combat

Place	no	pilots name	nat	FAI ID	mechanics name	nat	1	2	3	4	5	6	7	8	9	10	Fly-off 1	Fly-off 2	wins
1	D51	Rastenis, Audrius	LTU		Kuckailis, Gintaras		W	W	W	W	W	W	W	W	W	W			10
2	D22	Forss, Timo	FIN		Forss, Jussi		W	W	L	W	W	W	W	W	L			(W)	7
3	D15	Bertelsen, Andre	DEN		Forbech, Henning		W	W	W	W	W	L	W	W	L		(W)	(L)	7

Junior results F2D Combat

Place	no	Name	nat
1	D81	Ritch, Ryland	USA
2	D70	Ramil Gareev	RUS
3	D77	Ivan Chorny	UKR

1	2	3	4	5	6	Fly-off	wins
W	W	W	W	L	L		4
W	W	W	L	L		(W)	3
W	W	W	L	L		(L)	3

Team Results F2D Combat

Place	Country
1	FIN
2	LTU
3	USA

no	Pilot 1	no	Pilot 2	no	Pilot 3	no	Pilot 4	Total score
D22	7	D23	7	D24	3			17
D51	10	D52	0	D53	3			13
D82	4	D83	1	D84	4	D81	4	12

Referee

Placing	Prénom & NOM	
First place classification	Luca GROSSI (ITA)	
Second place classification	Ferenc SZVACSEK (HUN)	
Third place classification	Paul EISNER (GBR)	
First place Junior classification	Ivan VALISHEV (USA)	
Second place Junior classification	Aleksandr KLOCHKOV (RUS)	
Third place Junior classification	Kacper WALANIA (POL)	
First place Team classification	Hungary	4 copies
Second place Team classification	Italy	4 copies
Third place Team classification	United Kingdom	4 copies
First place classification	Liu YANG (CHN)	
Second place classification	Marco VALLIERA (ITA)	
Third place classification	Igor BURGER (SVK)	
First place Junior classification	Letong XU (CHN)	
Second place Junior classification	Hiroki YOKOYAMA (JPN)	
Third place Junior classification	Mykola KUCHER (UKR)	
First place Team classification	Japan	5 copies
Second place Team classification	People's Republic of China	5 copies
Third place Team classification	France	4 copies
First place classification	Sergei ANDREEV / Oleg VOROBIEV (RUS)	
Second place classification	Sergei DOZHIDAEV / Vyatcheslav DUKOV (RUS)	
Third place classification	Denis GOROKHOV / Pavel GOROKHOV (RUS)	
First place Junior classification	Dmitry DINKILAKER / Igor ANDREEV (Russia)	
First place Junior classification	Dominik SIUDA / Jakub MUCHA (POL)	
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