



2016

FAI F2 World Championships for Control Line Model Aircraft

Perth - Australia

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 7th of May, with the officials (FAI Jury and Judges) and the organiser (managers and CDs) for mutual knowledge, for undertaking improvement actions and for understanding the various tasks inside the organisation.

- The FAI Jury pointed out the unsportsmanlike behaviour that occurred at the last F2 Championships. Best efforts must be made by everyone involved in the championships to adhere to the principles of competition fairness.
- For that purpose, the FAI Jury clarified to the Judges and the CDs the sporting rules for managing any competitor complaints and protests.
- The FAI Jury suggested that the organisation hold the F2C final on the morning of the last day rather than in the afternoon as usually happens. The suggestion was in order to avoid any impact on the closing ceremony by a possible protest after the F2C final. The early sunset time (about 5.00 pm) made this recommendation even more important.

One Team Managers' meeting with officials and the organiser was held, on the second day, the 8th May.

- The FAI Jury repeated the comments about unsportsmanlike behaviour.
- The FAI Jury again clarified the sporting rules for managing competitor complaints and protests.
- It was explained how the model random check would be performed.

The information, emergency notices and results about the championships were displayed in a timely fashion on the boards at each flying circle and at the main control building. The protest reports were displayed on the notice board at the flying circle of the relevant class.

The results of the Championships have been published on the organiser website www.cl-wch2016per.org.

The organiser used the MATS system developed by Mr Bill Lee for the management of the Championships data and competition information. Mr Bill Lee and the FAI Jury President worked together before the Championships to ensure that the MATS system was able to provide an efficient facility for checking the FAI licences of the competitors, the Team Managers and the F2D mechanics. The results of the championships were updated in real time and showed on the Championships website via the MATS system.

Two people were involved in the inputting of the F2B competitor flight scores in the computer system ensuring a reliable process for recording the competitors scores.

Although the MATS tool provides a facility for performing automatic draws, the draws were produced manually.

Entry

The entries were:

184 competitors in total (including 31 dedicated F2D mechanics) from 32 countries

17 juniors from 10 countries

F2A - 28 in total: 25 seniors & 3 juniors from 13 countries

F2B - 51 in total: 48 seniors & 3 juniors from 21 countries

F2C – 32 teams in total: 30 senior teams & 2 junior teams from 12 countries

F2D - 42 in total: 33 seniors & 9 juniors from 18 countries

Accommodation & Food

The accommodation was a mix of hotels, self-catering motels, pensions and camping. Some countries found it more convenient to rent a flat, or even a house, for all the team. The FAI Jury and Judges accommodation was in a self-catering mote and hotels in the city of Perth. They were not luxurious but were adequate. The organiser provided the FAI Jury and judges with money based on a daily allowance for covering the costs of food (breakfast, lunch and dinner) and transport to the flying site.

A common place for the FAI Jury and Judges to spend the free time before or after the Championship days would have helped better the familiarisation between the officials.

Close to the main control building, there were two food trucks selling food and drinks of a good quality at reasonable prices throughout the day.

Flying Site

The flying site is part of the WA Model Aircraft Sport Centre inside the Whiteman Park. The Whiteman Park is a unique recreation and conservation reserve that covers nearly 4,000 hectares of natural bushland and leisure facilities in Perth's northern suburbs located 28 Km from downtown Perth.

The site and infrastructures were excellent with two concrete circles for F2B, one concrete circle for F2A, one concrete circle for F2C and a wide grass area covering two circles for F2D. There was a large car park in the middle of the WA Model Aircraft Sport Centre from where each flying circle could be easily reached.

F2A: the concrete circle was surrounded by a wire cage and was located to the north of the main building. A useful 2-floor tower was available for the height judge, head judge & TransiTrace systems and the CD. A real time speed indicator display was set up for following the competitor performances. A good number of shelters were available for the competitors for preparing the models.

F2B: the two concrete circles were located in the south and southwest area of the WA Model Aircraft Sport Centre between the side edges of a triangle of concrete RC model aircraft runaways. It was a very wide and pleasant area with a good number of shelters available for the competitors for preparing the models.

F2C: the concrete circle was part of a very efficient infrastructure located at the northern edge of the WA Model Aircraft Sport Centre and a 2-story building was available for the F2C judges and the CD with various devices for slow motion video analysis. Externally, a clearly visible display for timing and laps was available for following the heats and finals in real time. Numerous shelters were available for the competitors for preparing the models. A gap in the metal cage around the circle was closed with a plastic soft net. A safety barrier had to be erected at a distance of about two metres from the plastic soft net.

F2D: the wide grass area for official and practice circles was located towards the east of the site. A good number of shelters were available for the competitors for preparing the models. Part of the area was surrounded by a high, soft net for protecting the spectators.

The Main Control of the championships was in the main building, in the middle of the WA Model Aircraft Sport Centre, where the activity of the FAI Jury, of the judges and of the Championships administration was carried out. No suitable rooms were available for conducting the Official and Team Manager meetings. The FAI Jury worked in the kitchen of the WA Model Aircraft Sport Centre. It was good and fit the purpose. Very useful internet connection was available outside of the main control building but it was accessible only by authorised people with a password.

Camping at the flying site was not permitted. Four other campsites were available, the closest at about 3 Km from the flying site.

Model Processing

Processing tasks and preparation before the competition were defined at the first meeting with the FAI Jury, the officials and the organiser. The processing required the heavy involvement of the Judges of the various classes.

For classes F2A, F2B, and F2D no issues were identified and the activity was conducted fluently, with no remarkable queues.

On the contrary, for the F2C class the process took more time than expected due to the very stringent check of the tanks and of the engine venturis. Because of the delay, some competitors were not able to attend the opening ceremony.

A solution could be to prepare two calibrated test sets for making two processing paths in parallel. Verification improvements are under investigation by the F2C Working Group. The future rules, ie two pit stops, could make simpler the tank capacity verification.

The random check processing during the competition for all four classes was conducted correctly and with the specified equipment. All the checked aircraft model conformed to the rules.

Weather

The weather was excellent with sunshine and a pleasant temperature throughout the Championships.

The organiser was careful to complete the championships' activities by the early sunset time (about 5.00 PM).

Competition

F2A Speed

The Contest Director was Mr Andy Kerr helped by the Senior Judge Mr Goran Olsson.

The flying order draw was made by the CD, supervised by one FAI Jury member.

There were no safety issues.

Although there was a small real-time display of the laps and speeds in the pits area, the display cleared quickly for the next competitor. There was no announcement of the competitor's speed at the end of his flight. This was a major oversight.

The results, in real-time, were on website but there was no internet access other than for selected officials and so website results were of little use to the competitors or spectators.

A PA system should have been provided as instructed in the Organiser's Guide in the F2 Sporting Code.

The CD carried out the random processing checks.

One protest had been received.

It was disappointing to see that there were only three junior competitors and, therefore, the Junior World Champion title could not be conferred on the winner. However, the Junior medals were presented.

F2B Aerobatics

The Contest Director was Mr Frank Battam supported by the circle Marshalls, Messrs Jeff Fry, Denis Percival, Bill Swan, Allan Roadknight, Colin Willoughby and Jeff Prosser who alternated throughout the day over both circles for the duration of the W/C. Two assistants made an excellent job of the scoring administration.

There were two concrete competition circles A and B at the edges of the RC model aircraft runaway. It was a very wide and pleasant area without heavy turbulence.

The two Judges Panels were led by the experienced Mr Serge Delabarde and Mrs Joan McIntyre.

The flying order draw was made by the Head Judge and the CD, supervised by one FAI Jury member.

The Heads of the Panels of Judges took care and control of Judges bias or conflict of interest and various debriefing meetings were held for this purpose.

It was disappointing to see that there were only three junior teams and, therefore, the Junior World Champion title could not be conferred on the winner. However, the Junior medals were presented.

F2C Team Race

The Contest Director was Mr Stephen Walton and the Circle Marshall was Mr Paul Cameron.

The flying order draw was made by the Contest Director, supervised by one of the FAI Jury members.

There was a very minor complaint from the Head of the Panel of Judges about the visibility of some of the marked lines on the circle but after discussion it was considered acceptable.

A clearly visible timing and laps display was available for following the progress of the heats and the finals races.

The Panel of Judges was an excellent, experienced and coordinated one. They worked very well together to resolve any severe potential issue and they solved, with the contribution of the CD, all the competitor complaints before becoming protests. In fact, exceptionally, no protest was raised in this class. For the most important heats or the finals, the Head of the Judges Panel, Mr Derek Heaton, briefed the competing teams before they entered the circle. This helped to improve the good sportsmanship and respect during the racing.

A report of the F2C Judges Panel appears in the Appendix.

As their report explains, a clarification of the rule relevant to the “sub piston supplementary air” may need to be undertaken. The current definition in the rules is not adequate to cover all loopholes invented by creative competitors and the F2C working group will work on it.

Two Preliminary Notifications for new World record claims were submitted to the FAI for:

100 laps – Makarenko/Fulitka (UKR) – time: 3:03.00

200 laps – Fitzgerald/Ellins (AUS) – time: 6:22.08

And all the supporting paperwork was given to the two claimants.

It was disappointing to see that there were only two junior teams and, therefore, the Junior World Champion title could not be conferred on the winner. However, the Junior medals were presented.

F2D Combat

The Contest Director was Mr Richard Bellis and the Circle Marshall was Mr Vernon Hunt.

The flying order draw was made by the Judges, supervised by one of the FAI Jury members.

The Judges were a very experienced team. Along with the six scoring officials, they worked very well together and integrated well with the other F2D officials. The open and clear approach of the Judges, with the support of the CD, and the Head Judge, Mr Ingemar Larsson, towards the competitors helped to resolve many issues before they could result in official protests. In some cases the Judges changed their decisions when presented with more facts.

Owing to the number of protests (9) raised by the F2D competitors, the FAI Jury President briefed the competitors and all the Team Managers before the finals heats, stressing the need for good sportsmanship during the bouts. There were no more protests.

It must be noted that the winner of this class was a junior competitor who became both Senior and Junior World Champion.

FAI Jury

The FAI Jury was composed of Mrs Jo Halman (GBR), Mr Rob Olijve (NED) 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 allows to achieve a good management survey of the championships.

Protests

There were 10 protests: nine in F2D and one in F2A. Eight were denied and two were 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 the Judges for managing the complaints.

Ceremonies

The opening ceremony was held on the evening of Sunday 8th May on the large grass area in front of the main control building. The teams paraded to the area. The organisation manager and the local authorities made speeches. The atmosphere was pleasant with the Australian community eager to start the championships.

The Elder of the local tribe of indigenous Australian people introduced members of his tribe who performed two exciting traditional dances.

The FAI anthem was played, the FAI flag raised and the FAI Jury President opened the Championships.

The flags of the competing nations were erected around the F2A circle.

The prize-giving and closing ceremony was held at the same place as the opening ceremony.

The ceremony was good and pleasant with the presence of local authorities. The FAI Jury presented the 1st, 2nd & 3rd placed winners of the various classes with the FAI medals, FAI diplomas and Championship trophies. The prize-giving podium was prepared in front of the

flag-poles. The FAI Jury President closed the Championships but the FAI anthem couldn't be played because of a sudden failure of the PA system.

There was a lottery in which 3 competitors from each class were drawn and each won 1,000 AUS.

The banquet took place at the "Mulberry on Swan" function centre. It was in a wide restaurant room with a hot and cold buffet which was well organised but the seats had not been assigned and this meant that teams could not sit all together and were split up all over the room. The atmosphere was warm and pleasant but it would have been so much better if the tables had been allocated to teams.

Also, the room was not big enough to seat all the invited people. In fact, the Russian team was the last to arrive and they found neither an assigned table nor seats for them. They left the banquet.

Results

Full results were available on the Championships website but hard copies were not available to the Team Managers. The FAI licences and national flags were available for collection. A full set of results is appended to this report.

Trophies

F2A Individual

The Netherlands Cup was awarded to Paul EISNER (GBR)

F2A Team

The Leonardo da Vinci Cup was awarded to UKRAINE

F2B Individual

The Steve Wooley Cup was awarded to Orestes HERNANDES (USA)

F2B Team

The Jim Walker Team Trophy was awarded to USA

F2C Individual

The Kupok Challenge Trophy was awarded to Robert FITGERALD / Mark ELLINS (AUS)

F2C Team

The New Asboth Oszkar Cup was awarded to AUSTRALIA

F2D Individual

The Castrol Trophy was awarded to Illia REDIUK (UKR)

F2D Team

The Combat Team Trophy was awarded to RUSSIA

Comments

The flying site is fantastic for holding F2 championships. The infrastructures are excellent, professional and supporting efficiently both the competitions in all classes and the involvement of the spectators.

The organiser manager, Mr Trevor Letchford, and the numerous Australian volunteers worked very well with a professional and dedicated approach.

Conclusions

No much to state except "Well Done Australia!".

The issues identified in this report are very minor and with their solution "perfection" would have been achieved.

The FAI Jury worked well with minor difficulties since well assisted by all the above described conditions.

As a result, the Championships was carried out in a good global atmosphere.

Many thanks to the Jury members, the judges, the organiser and the volunteers who made these championships such a success.

TOP 5

- The WA Model Aircraft Sport Centre is an excellent flying site for hosting F2 Championships.
- The infrastructures are excellent and professional.
- The dedication and proactivity of the numerous volunteers.
- Very good co-operation between FAI Jury, Judges and helpers.
- All the Judges Panels were very experienced and professional.

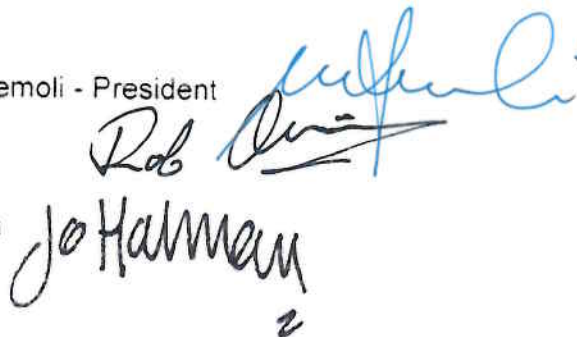
LOW 5

- The lack of a PA system in F2A to announce the competitors' speeds at the end of the flight.
- The restaurant room for the banquet was not big enough to seat all the invited people and no seat allocation for the teams was made.
- The FAI anthem was not played due to a sudden failure of the PA system.
- Lack of a dedicated room or protected space for the Team Managers' Meeting and the Management meeting close to the main building.
- Lack of a common place for the FAI Jury and Judges to meet to spend the free time before or after the championship day time. It would have helped a better familiarisation between the officials

Mr Massimo Semoli - President

Mr Rob Olijve

Mrs Jo Halman



Handwritten signatures of Massimo Semoli, Rob Olijve, and Jo Halman. The signature of Jo Halman includes a small '2' below it.

APPENDIX

Panel of Judges Report on the F2C Competition at the 2016 World Championships, Perth.

Weather.

Good, wind never too strong to be a disadvantage to the 3rd choice team.

Site Infrastructure.

- Excellent circle, the central grass part was kept short – no line snag problems.
- Only comment is that yellow painted lines on a pale concrete surface was not the best contrast for the pilots and for the Judges assessing possible line infringements on the far side of the circle to the judges tower.

Personnel.

- All the timekeepers, processors, circle marshall and support staff in the tower were very experienced team race personnel and this was a great help to both the judges and the smooth running of the contest.
- Timekeeping errors were minimal.
- The processing crew (Ron Lacey and Maris Dislers) were very professional in handling what can often be a high pressure situation when questions of rule compliance are raised.

Organisation.

- Interaction with the MATS computer system was initially quite frustrating, mainly due to its lack of flexibility. This reduced as the contest progressed and Bill Lee was able to modify the programme. It would have been beneficial if the logistics of the programming had been shared with the judges prior to the contest.
- Eliminating heats set out in groups of 3 races followed by a spare slot to allow time for complaints, etc without unduly affecting the overall timing of the races worked very well.
- Overall programme changed to run both semi-finals on the day before the final day in order to finish the competition on the morning of the final day as requested by the FAI Jury and because of the pressures of fitting in the classic T/race demonstration event. This was seen by the judges to be the fairest for the semi-final teams.

The Racing.

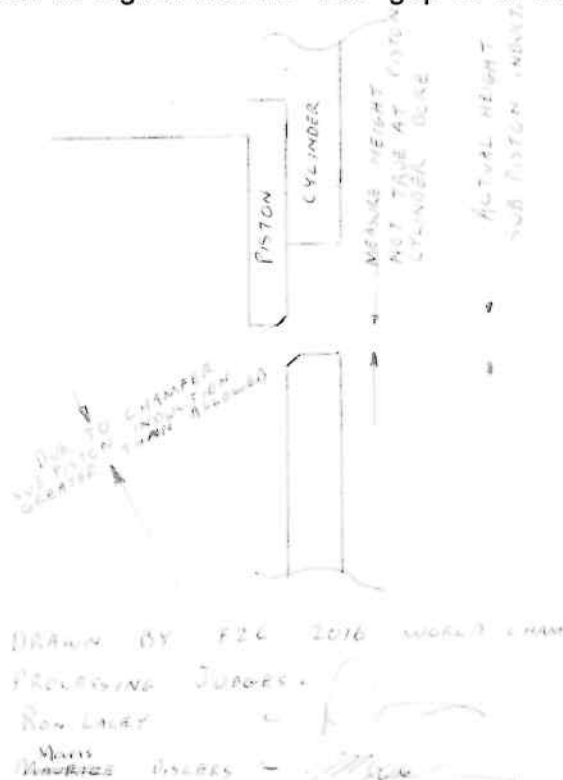
- 10 (32%) of the entrants were fully processed during the competition.
- A further 5 were partially processed (correct equipment, tank capacity, venturi size)
- Number of complaints received 5, none of which escalated to official protests. The system works but does take time and that needs to be allowed for.
- World record claims were submitted for:
 - 100 laps -- Makarenko/Fulitka
 - 200 laps -- Fitzgerald/Ellins
- Junior participation remains very low (only 2). Therefore not possible to have a separate junior final but we did organise a special 100 lap demonstration race (outside the results classification) especially for them.

Identified issues.

- The official processing day significantly over ran its anticipated duration. This was primarily due to problems with tank capacity measuring. Initially several were measured oversize, this was found to be due to the viscosity of the fluid used (D60 – main component in most of the fuels) taking a very long time to drain off the walls of the burettes. The situation was much improved when the fluid was changed to jetA1

0.6 Sub piston supplementary air.

- Certain engines have been specifically manufactured to get as close as possible to the permitted 0.6 maximum. When initially processed immediately after racing it was possible that the limit could be exceeded.
- Also some engines have the edge of the liner and piston chamfered such that it can be argued that the “true” gap for air entry is greater than 0.6. -----see below



A further rule clarification may be required.

- World Cup entry list. It is becoming normal practice for a world cup competition to be held immediately before the championships. Whilst this gives competitors more flying opportunities (probably in front of the championship judges) entry levels need to be restricted to what can be practically achieved in 2 days, bearing in mind that there will be some competitors (local) who are not as accustomed to a tightly timed contest and the fact that the daylight in Perth demanded a 5.00 pm finish.

Summary.

- An excellent championships.
- A very big “Well done” to Steve Walton and all his crew.

F2C judges.

Derek Heaton - Bruno Delor – Max Dillinger.



2016 F2 Control Line World Championships
Perth, Western Australia.
7-13 May 2016



F2A Overall Results - Individual

Overall Place	Jr Place	Score	CompID	Name	Country	Flight1	Flight2	Flight3	Flight4
1		304.3	A008	EISNER Paul	GBR	302.3	304.3	301.8	299.5
2		303.0	A009	HALMAN Peter	GBR	303.0	302.9	303.0	300.7
3		302.8	A010	GROSSI Luca	ITA	299.2	302.7	302.8	0
4		302.7	A022	OSOVYK Oleksandr	UKR	0	302.7	298.8	300.3
5		298.2	A023	BYELYKOV Valeriy	UKR	295.4	0	298.2	0
6		298.0	A027	VALISHEV Alex	USA	297.3	297.5	298.0	296.4
7		296.5	A018	KALININ Andrey	RUS	283.8	296.5	0	294.6
8		296.2	A025	HUGHES Bill	USA	296.2	0	294.8	0
9		293.3	A007	AUBE Jean Marc	FRA	291.2	293.3	290.3	0
10	1	292.7	A024	SAVENKO Evgen	Jr UKR	292.7	0	0	0
11		292.4	A020	EMELIANOV Gennady	RUS	292.4	0	0	287.9
12		292.3	A012	TOMELLERI Sergio	ITA	284.6	276.0	288.2	292.3
13		291.6	A016	HOLECZEK Robert	POL	287.7	287.5	291.6	0
14		291.5	A019	LOSKUITOV Ilya	RUS	290.1	291.5	291.2	290.8
15		289.9	A001	HEATH Andrew	AUS	286.4	289.7	0	289.9
16		289.9	A003	WILSON Murray	AUS	289.9	0	0	0
17		288.8	A006	LYHNE-HANSEN Niels	DEN	274.8	288.8	287.4	0
18		287.3	A004	POPOV Iyaylo	AUT	0	287.1	274.7	287.3
19		287.1	A017	PRAUS Pawel	POL	278.9	0	287.1	278.3
20		286.9	A002	GAPPS Ian	AUS	286.9	0	0	0
21	2	286.8	A021	EMELIANOV Aleksey	Jr RUS	283.7	280.9	286.8	282.7
22		285.4	A014	LICKFOLD Carl	NZL	0	285.4	281.2	0
23	3	281.2	A028	VALISHEV Ivan	Jr USA	261.4	273.5	272.1	281.2
24		278.4	A013	METKEMEIJER Rob	NED	278.4	262.8	261.5	271.5
25		276.5	A005	GIBEAULT Paul	CAN	271.9	0	274.4	276.5
26		270.1	A015	LICKFOLD Neil	NZL	0	270.1	0	0
27		224.4	A029	DODGE Carl	WCh USA	224.4	0	217.1	220.3
28		0.0	A011	PIRAZZOLI Ivo	ITA	0	0	0	0
28		0.0	A026	MONTAGINO Chris	USA	0	0	0	0

FAI Jury:

Massimo Semoli, President

Jo Halman, Member

Rob Olijve, Member

[Signatures]



2016 F2 Control Line World Championships
Perth, Western Australia.

7-13 May 2016

F2A Country Order



Place	Country	Score	Competitor Score Place	Competitor Score Place	Competitor Score Place	Competitor Score Place
1	Ukraine	893.6	A022 302.7 4	A023 298.2 5	A024 292.7 10	
2	Russia	880.4	A018 296.5 7	A020 292.4 11	A019 291.5 14	A021 286.8 21
3	United States of America	875.4	A027 298.0 6	A025 296.2 8	A028 281.2 23	A026 0.0 28
4	Australia	866.7	A001 289.9 15	A003 289.9 16	A002 286.9 20	
5	Italy	595.1	A010 302.8 3	A012 292.3 12	A011 0.0 28	
6	United Kingdom	607.3	A008 304.3 1	A009 303.0 2		
7	Poland	578.7	A016 291.6 13	A017 287.1 19		
8	New Zealand	555.5	A014 285.4 22	A015 270.1 26		
9	France	293.3	A007 293.3 9			
10	Denmark	288.8	A006 288.8 17			
11	Austria	287.3	A004 287.3 18			
12	The Netherlands	278.4	A013 278.4 24			
13	Canada	276.5	A005 276.5 25			

FAI Jury:

Massimo Semoli, President

Jo Halman, Member

Rob Olijve, Member

[Handwritten signatures of Massimo Semoli, Jo Halman, and Rob Olijve]



2016 F2 Control Line World Championships
Perth, Western Australia.

7-13 May 2016

F2B Overall Results - Individual

Overall Place	Country	Name	Elimination			Fly-On		
			Final	Re-Start	Score	Final	Re-Start	Score
1	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
2	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
3	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
4	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
5	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
6	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
7	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
8	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
9	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
10	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
11	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
12	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
13	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
14	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
15	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
16	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
17	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
18	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
19	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
20	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
21	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
22	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
23	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
24	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67



FAI Jury:

Massimo Semoli, President

Jo Halman, Member

Rob Ollive, Member

Massimo Semoli

Jo Halman

Rob Ollive

Overall Place	Country	Name	Elimination			Fly-On		
			Final	Re-Start	Score	Final	Re-Start	Score
25	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
26	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
27	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
28	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
29	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
30	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
31	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
32	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
33	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
34	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
35	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
36	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
37	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
38	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
39	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
40	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
41	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
42	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
43	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
44	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
45	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
46	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
47	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
48	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
49	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
50	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67
51	USA	FRANCOIS, David	A	1118.67	1118.67	A	1118.67	1118.67



2016 F2 Control Line World Championships
Perth, Western Australia.
7-13 May 2016



F2B Country Order

Place	Country	Score	Competitor Place	Competitor Place	Competitor Place	Competitor Place
1	United States of America	14	B052 1	B051 4	B053 9	
2	China	35	B010 5	B011 6	B012 24	B013 32
3	Japan	48	B029 13	B030 17	B031 18	
4	France	50	B017 11	B019 14	B018 25	
5	Russia	57	B041 8	B040 12	B043 37	B042 39
6	Australia	60	B002 15	B001 16	B003 29	
7	Italy	63	B026 7	B027 22	B028 34	
8	Ukraine	74	B048 10	B049 26	B050 38	
9	Brazil	96	B004 21	B005 27	B006 48	
10	Canada	103	B007 23	B008 36	B009 44	
11	New Zealand	113	B036 30	B035 33	B037 50	
12	The Netherlands	120	B033 31	B034 40	B032 49	
13	United Kingdom	132	B022 42	B020 43	B021 47	
14	Germany	22	B024 3	B023 19		
15	Czech Republic	63	B014 28	B015 35		
16	Slovakia	2	B045 2			
17	Switzerland	20	B044 20			
18	South Africa	41	B039 41			
19	Denmark	45	B016 45			
20	Poland	46	B038 46			
21	Chinese Taipei	51	B046 51			

FAI Jury:

Massimo Semoli, President

Jo Halman, Member

Rob Olijve, Member

[Handwritten signatures of Massimo Semoli, Jo Halman, and Rob Olijve]



2016 F2 Control Line World Championships
Perth, Western Australia.
7-13 May 2016



F2C Overall Results - Individual

Overall Place	TeamID	Country	Name	Qual 1	Qual 2	Qual 3	Semi 1	Semi 2	Final
1	C017	AUS	FITZGERALD, Robert / ELLINS, Mark	3:04.5	3:21.3	DNF: 0	3:09.1	3:11.1	6:22.8
2	C016	AUS	WILSON, Murray / POSCHKENS, Mark	DQ: 0	DNF: 51	3:08.3	3:07.2	3:14.7	6:23.3
3	C005	FRA	OUGEN, Thierry / SURUGUE, Roland	3:10.0	DNF: 49	3:21.9	3:09.1	3:16.1	6:28.6
4	C026	RUS	DOZHIDAEV, Sergey / DUKOV, Viacheslav	3:17.7	3:09.2	3:09.8	3:50.9	3:09.2	
5	C022	LTU	ZUKAUSKAS, Nerijus / SABLINSKAS, Gintaras	3:15.8	DNF: 50	3:27.7	3:10.4	3:18.1	
6	C004	FRA	SURUGUE, Pascal / SURUGUE, Georges	3:27.5	3:29.0	3:13.3	3:10.8	3:13.7	
7	C025	RUS	ANDREEV, Sergey / VOROBYEV, Oleg	3:07.4	3:16.8	3:08.4	3:12.0	DQ: 0	
8	C032	UKR	RODIN, Illia / OSADCHYI, Ihor	3:24.6	3:12.4	DNF: 67	3:15.1	3:25.1	
9	C031	UKR	MAKARENKO, Volodymyr / FULITKA, Volodymyr	3:03.0	DNF: 96	DNF: 99	DQ: 0	3:15.4	
10	C027	RUS	MIKHONOV, Pavel / CHEREDNICHENKO, Alexander	3:23.2	3:49.7	3:19.4		3:24.5	
11	C003	NZL	CHRISTIE, Graeme / BROWN, Rod	3:16.4	DNF: 96	DNF: 66		4:03.7	
12	C006	FRA	PERRET, Matthieu / PERRET, Jean Paul	3:21.6	3:25.9	3:40.5			
13	C030	NED	ORVOS, Ferenc / METKEMEIJER, Rob	DNF: 88	3:32.8	3:21.8			
14	C033	UKR	MAKARENKO, Anton / OSADCHYI, Oleksii	DQ: 0	DNF: 96	3:23.5			
15	C013	POL	GOLISZ, Wacław / LESIUK, Wojciech	3:24.3	DNF: 34	DQ: 0			
16	C021	SIN	GEHLHAAR, Luzian / OH, Bryan Jr	3:25.3	3:39.4	DQ: 0			
17	C018	AUS	POTTER, Grant / HARVEY, Ray	DNF: 82	3:25.3	DQ: 0			
18	C019	SIN	LIEW, Paul / WEE, Christopher	3:32.5	3:25.6	3:28.2			
19	C011	GBR	FITZGERALD, Mike / THOMASON, Mark	3:52.6	3:26.3	3:35.7			
20	C008	USA	TOPUNOV, Alex / ELBERT, Aleksandr	3:48.3	3:27.4	3:50.4			
21	C015	POL	BROZEK, Mariusz / ROZBIEWSKI, Pawel	3:36.0	3:28.9	3:33.5			
22	C002	NZL	LEWIS, Glen / BOLTON, Robert	3:58.3	3:31.2	3:31.0			
23	C012	GBR	ROSS, Malcolm / TOOGOOD, Tony	3:32.1	3:33.0	3:59.9			
24	C014	POL	PIOTROWSKI, Krzysztof / DZIKOWSKI, Michal	3:44.6	3:32.1	DNF: 37			
25	C001	NZL	ROBINSON, Andrew / ROBINSON, Brendan	3:43.8	3:32.9	3:48.5			
26	C007	USA	FISCHER, Dave / WILK, Steve	3:52.8	3:34.4	3:40.3			
27	C023	LTU	ORLOVAS, Grigorijus / GRIGARTAS, Algis	DQ: 0	DNF: 35	3:35.7			
28	C010	GBR	BARKER, Chris / TRICKER, Neil	3:38.9	DQ: 0	4:30.4			
29	C028	RUS	AKSENOV, Egor / GUZOV, Pavel Jr	3:51.7	3:52.4	4:07.8			
30	C024	SWE	SAMUELSSON, Bengt-Olof / AXTELIUS, Kjell	DQ: 0	3:57.4	3:53.9			
31	C009	USA	HEMPEL, Patrick / LEE, Bill	DQ: 0	4:36.1	DNF: 29			
32	C020	SIN	ONG, Richard / SU, David	DNF: 15	DNF: 38	DQ: 0			

FAI Jury:

Massimo Semoli, President

Jo Halman, Member

Rob Olijve, Member

[Handwritten signatures of Massimo Semoli, Jo Halman, and Rob Olijve]



2016 F2 Control Line World Championships
Perth, Western Australia.
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F2C Results - Countries

Place	Country	Score	Competitor Place	Competitor Place	Competitor Place	Competitor Place
1	Australia	20	C017 1	C016 2	C018 17	
2	France	21	C005 3	C004 6	C006 12	
3	Russia	21	C026 4	C025 7	C027 10	C028 29
4	Ukraine	31	C032 8	C031 9	C033 14	
5	New Zealand	58	C003 11	C002 22	C001 25	
6	Poland	60	C013 15	C015 21	C014 24	
7	Singapore	66	C021 16	C019 18	C020 32	
8	United Kingdom	70	C011 19	C012 23	C010 28	
9	United States of America	77	C008 20	C007 26	C009 31	
10	Lithuania	32	C022 5	C023 27		
11	The Netherlands	13	C030 13			
12	Sweden	30	C024 30			

FAI Jury:

Massimo Semoli, President

Jo Halman, Member

Rob Olijve, Member



2D Overall Results - Individual

Overall Place	Pl	CompID	Name	Country	Score	Record											
1	1	D046	HEURK, Ma	UKR	7.1	W	W	W	W	W	W	W	W	W	W	W	W
2		D041	NARIVCH, Pavel	RUS	7.2	L	W	L	W	L	W	L	W	L	W	L	W
3		D029	FRONCHETIS, Vladimir	LAT	6.9	L	W	L	W	L	W	L	W	L	W	L	W
4		D042	BOROD, Ivan	RUS	6.2	W	L	W	L	W	L	W	L	W	L	W	L
4		D040	TRIFONOV, Igor	RUS	6.2	L	W	L	W	L	W	L	W	L	W	L	W
5		D016	POKOR, Arne	FIN	4.2	W	L	W	L	W	L	W	L	W	L	W	L
6	2	D037	MOCHUNTS, Erik	LAT	4.9	W	L	W	L	W	L	W	L	W	L	W	L
6		D009	MELNIKOV, Yevgeny	CAN	4.2	W	L	W	L	W	L	W	L	W	L	W	L
6		D001	MOCHUNTS, Viay	LAT	4.2	L	W	L	W	L	W	L	W	L	W	L	W
10		D012	MATED GARCIA, Manuel	ESP	3.2	W	W	L	L	W	L	W	L	W	L	W	L
10		D048	CHORNAVY, Shmuel	ISR	3.2	W	W	L	L	W	L	W	L	W	L	W	L
10		D034	BARTINS, Audis	LTU	3.0	W	W	L	L	W	L	W	L	W	L	W	L
10	3	D003	MASEN, Alexander	USA	3.2	L	W	W	L	L	W	L	W	L	W	L	W
10		D010	MAGRECH, Ivan	CAN	3.2	W	L	W	L	L	W	L	W	L	W	L	W
10		D017	PORES, Tino	FIN	3.2	W	W	L	L	W	L	W	L	W	L	W	L
10		D022	LIMANSHAD, Erik	ITA	3.2	L	W	W	L	L	W	L	W	L	W	L	W
10		D047	OMELCHENKO, Volodymyr	UKR	3.2	L	W	W	L	L	W	L	W	L	W	L	W
10		D026	SILVA, Leonidas	MEX	3.2	W	W	L	L	W	L	W	L	W	L	W	L
10		D020	MACQUEEN, David	GBR	2.2	W	W	L	L	W	L	W	L	W	L	W	L
10	4	D043	MARTYNOV, Vladimir	RUS	2.2	W	W	L	L	W	L	W	L	W	L	W	L
10		D008	CANTATORE, Angelo	ITA	2.2	W	L	W	L	L	W	L	W	L	W	L	W
10		D029	SPALL, Jan	NZL	2.2	L	W	L	L	W	L	W	L	W	L	W	L
10		D020	MADEM, Andrew	USA	2.2	L	W	L	L	W	L	W	L	W	L	W	L
10		D028	GRIZINA, Rinaida	LTU	2.2	W	L	W	L	L	W	L	W	L	W	L	W
10		D020	WILLIAMS, Ma	GBR	2.2	L	W	L	L	W	L	W	L	W	L	W	L

Overall Rank	U.S. Place	Country	Name	Country	Score	Record
18	D019	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	2-2	W W L L D008 D016 D043 D052
19	D011	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	2-2	W L W L D059 D046 D048 D048
20	D028	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D015 D031 D035
21	D004	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D015 D016 D048
22	D011	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D053 D017 D031
23	D050	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D033 D052 D030
24	D005	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D037 D045 D047
25	D027	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D042 D038 D039
26	D048	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D045 D032 D017
27	D052	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D039 D038 D046
28	D051	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D037 D042 D048
29	D008	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D035 D031 D046
30	D009	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D037 D041 D010
31	D014	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D032 D041 D030
32	D037	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D038 D041 D043
33	D007	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	1-2	W L L L D018 D030 D016
34	D003	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D036 D007
35	D045	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D033 D035
36	D008	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D015 D039
37	D009	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D036 D041
38	D044	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D041 D049
39	D027	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D016 D050
40	D024	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D045 D033
41	D013	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D041 D049
42	D001	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D041 D049
43	D015	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D041 D049
44	D033	PHILADELPHIA, PA	PHILADELPHIA, PA	USA	0-2	L L L L D041 D049

FBI Jurv:

Massimo Semoli, President

Do Halman, Member

Rob Olijve, Member



2016 F2 Control Line World Championships
Perth, Western Australia.
7-13 May 2016



F2D Overall Results - Country

Place	Country	Score	Competitor Score	Wins Place	Competitor Score	Wins Place	Competitor Score	Wins Place	Competitor Score	Wins Place
1	RUS	17	D041 NARKEVICH, Pavel	7 2	D042 BORODA, Ivan	5 4	D040 TRIFONOV, Igor	5 4	D043 MARTYNOV, Vladislav	2 19
2	LAT	14	D029 PROKOFJEVS, Aleksandrs	6 3	D032 KOCHUNTS, Eriks	4 6	D031 KOCHUNTS, Vitaly	4 6	D030 MIHALKOV, Yury	1 28
3	UKR	13	D049 REDIUK, Illia	7 1	D048 CHORNYI, Stanislav	3 10	D047 OMELCHENKO, Volodymyr	3 10	D048 STEBNYTSKYI, Andrii	1 28
4	CAN	7	D008 MELNIKOV, Yaroslav	4 6	D010 MACKENZIE, Ivan	3 10	D009 MACKENZIE, Pat	0 42		
4	FIN	7	D016 FORSS, Jussi	4 6	D017 FORSS, Timo	3 10	D015 HENRIKSSON, Kim	0 42		
6	USA	6	D053 NADEIN, Alexandra	3 10	D050 NADEIN, Andrey	2 19	D052 MINOR, Andy	1 28	D051 WORNELL, Greg	1 28
7	ESP	5	D012 MATEO GARCIA, Manuel	3 10	D011 LOPEZ OLIVARES, Jose	1 28	D014 ANTUNEZ OJEDA, Nicolas Felipe	1 28	D013 PARRA ALAMO, Alberto	0 42
8	LTU	5	D034 RASTENIS, Audrius	3 10	D035 GEGZNA, Rimvydas	2 19	D033 CYZAS, Vaclovas	0 42		
9	NZL	4	D039 SPAIN, Jon	2 19	D038 PALMER, James	1 28	D037 PALMER, Malcolm Douglas	1 28		
10	GBR	4	D020 WHILLANCE, Mike	2 19	D019 PRICE, Gordon	2 19	D021 WISEMAN, Dave	0 42		
11	BLR	3	D005 MAZURIN, Igor	1 28	D007 NEKHAI, Pavel	1 28	D006 NEKHAI, Viktor	1 28		
12	ISR	3	D023 MAGZIANEV, Radik	2 19	D025 MINOR, Cary D.	1 28	D026 MINOR, Austin W.	0 42	D024 POLAK, Vadim	0 42
13	AUS	2	D004 DILLON, Callum	1 28	D002 COMISKEY, Michael	1 28	D003 OWEN, Robert	0 42	D001 LINWOOD, Tom	0 42
14	ITA	2	D028 CANTATORE, Antonello	2 19	D027 GIANDRINI, Antonio	0 42				
15	SIN	0	D045 CHING, Nelson	0 42	D044 SU, Kevin	0 42				
16	INA	3	D022 LIMANHADI, Erick	3 10						
16	MEX	3	D036 SILVA, Leonardo	3 10						
18	FRA	2	D018 RIERA I ROMAGOSA, Xavier	2 19						

FAI Jury:

Massimo Semoli, President

Jo Halman, Member

Rob Olijve, Member

[Signatures of Massimo Semoli, Jo Halman, and Rob Olijve]