

# Minutes

## F2 Technical Meeting april 16, 2010

### Attendance:

Bengt-Olof Samuelsson	SWE	F2 S/C chairman, delegate
Joe Devenish	BRA	F2 S/C member, delegate
Bruno Delor	FRA	Delegate
Yolanda Garcia	ESP	F2 S/C member, delegate
Peter Germann	SUI	F2 S/C member, delegate
Peter Halman	UK	F2 S/C member, delegate
Vernon Hunt	UK	F2 S/C member
Bill Lee	USA	F2 S/C member
Pavol Barbaric	SVK	F2 S/C member
Rob Metkemeijer	NED	Alternate delegate
Igor Trifonov	RUS	Delegate
Evgeny Fadeev	RUS	Technical expert
Dave Brown	USA	Delegate
Jack Humphreys	CAN	Delegate
Ferenc Orvos	HUN	F2 S/C member

### **ABR**

#### **a) A.2.1 Procedure for CIAM Plenary Meetings, France**

F2 S/C	Variant 1	Yes 13	No1
	Variant 2	Yes 2	No 14
F2 TM	Variant 1	Yes 10	No 2
	Variant 2	Yes 3	No 9

#### **c) A.7. Timetable for Proposals, Bureau**

F2 S/C	Yes 13	No1
F2 TM	Yes 11	No 1

#### **e) A.10 Judges List, Bureau**

Supposed to be withdrawn by the Bureau!

If not, the following amendment is necessary:

**For subjective judging, a proportion of the judges chosen to judge at a championship must not have judged at the previous equivalent championship. This proportion to be as defined in the class rules.**

As amended:

F2 S/C	Yes 13	No1
F2 TM	Yes 11	No 0

**f) A.11. ~~List of Technical Experts~~ List, Bureau**

F2 S/C	Yes 12	No 0
F2 TM	Yes 12	No 0

**g) A.12 Effective Date of Rule Changes, Bureau**

The following amendment was made by the Technical Meeting:

**For all classes, including official classes without championship status, A period of two years...**

As amended:

F2 S/C	Yes 12	No 1
F2 TM	Yes 12	No 0

**a) B.2.5 World Cup, FRA**

F2 S/C	Yes 13	No 0
F2 TM	Yes 11	No 1

**b) B.2.7 Open Nationals and International Series, Bureau**

The following amendment was made by the Technical Meeting:

Add: **An Open National as defined in Sporting Code General Section 3.1.4.**

As amended:

F2 S/C	Yes 2	No 10
F2 TM	Yes 12	No 0

**c) B.2.7 Open Nationals and International Series, France**

To be withdrawn by the French delegate if the above amendment is supported.

F2 S/C	Yes 8	No 4
F2 TM	Yes	No

**f) B.3.4 Age Classification for the Contest, F2 Subcommittee**

The F2 subcommittee withdraws this proposal for further consideration.

**h) B.3.5 National Teams for ...Championships, Bureau**

The proposal, if adopted, will need a consequential change in B.16.2.

F2 S/C	Yes 6	No 6
F2 TM	Yes 12	No 0

**i) B.3.5 National Teams for ...Championships, France**

To be withdrawn by the French delegate.

F2 S/C	Yes 6	No 6
F2 TM	Yes	No

<b>j)</b>	<b>B.4. Contest Officials, Belgium</b>	
F2 S/C	Yes 8	No 5
F2 TM	Yes 0	No 11

**k) B.6 Organisation Specific to World and Continental Championships, Bureau**

To be withdrawn by the Bureau.

F2 S/C	Yes 13	No 1
F2 TM	Yes	No

**o) B.14 Interruption of the Contest, F2 Subcommittee**

**B.14.1 a)**

Amended by the Technical Meeting:

The wind is continuously stronger than 12 m/s (9 m/s for Free Flight, Control Line, Scale and Space Models) measured at two metres above the ground (at the starting line (Free Flight)) for at least one minute (30 seconds for Control Line), (20 seconds for Free Flight) unless specified otherwise in category rules.

F2 S/C	Yes 13	No 0
F2 TM	Yes 12	No 0

**p) B.15.1 Individual Classification, France**

To be withdrawn by the French delegate.

F2 S/C	Yes 13	No 0
F2 TM	Yes	No

**F2 – Control Line**

**a) 4.1.11 Number of Flights, F2 Subcommittee**

F2 S/C	Yes 13	No 0
F2 TM	Yes 12	No 0

**b) 4.1.16 Number of Timekeepers and Judges, United Kingdom**

F2 S/C	Yes 13	No 0
F2 TM	Yes 12	No 0

**c) 4.1.17 Classification, United Kingdom**

F2 S/C	Yes 13	No 0
F2 TM	Yes 12	No 0

**d) 4.1.17 Classification, United Kingdom**

Consequential changes will be needed.

F2 S/C	Yes 13	No 0
F2 TM	Yes 12	No 0

**e) 4.1.18 International Team Classification, United Kingdom**  
F2 S/C Yes 13 No 0  
F2 TM Yes 12 No 0

**f) 4.2.12 Classification, Belgium**  
F2 S/C Yes 14 No 0  
F2 TM Yes 12 No 0

**g) 4.2.15.1 Terminology and Wording, F2 Subcommittee**  
Amended by the F2 subcommittee: “tethered” to be changed to “control line”.

New definition of parallel: **Means an imaginary line on the surface of the flight hemisphere equidistant to the equator of the base of the flight hemisphere, and marking the latitude.**

F2 S/C Yes 15 No 0  
F2 TM Yes 11 No 0

**h) 4.2.15 Description of Manoeuvres, F2 Subcommittee**  
**4.2.15.3 – 4.2.15.17**

Amended by the Technical Meeting:

**4.2.15.4 Reverse Wingover Manoeuvre**

c) The inverted horizontal level flight segment:

**After recovery from the vertical dive and until the start of the second vertical climb, the model aircraft should fly a segment of steady inverted flight along the base (+/- 30 cm), with no deviations from the established height. The length of this segment, including turns, should be ½ of a lap.**

**4.2.15.17 Landing manoeuvre**

b) The descent segment:

**The model should fly for 1 full gliding lap with the motor(s) and propeller(s) stopped. This lap is measured from the start of the descent from the height of the base (+/- 30 cm) until the point of touchdown. The model should continuously descend from level flight to touchdown with no deviation from a straight flight path.**

F2 S/C Yes 13 No 0  
F2 TM Yes 11 No 1

**i) 4.2.15.16 Four-leaf Clover Manoeuvre, United Kingdom**  
To be withdrawn by the UK delegate.

F2 S/C Yes 4 No 9  
F2 TM Yes No

**j) F2 Control Line Volume, Bureau**  
To be withdrawn by the Bureau.

F2 S/C Yes 0 No 15  
F2 TM Yes 0 No 12

<b>k)</b>	<b>4.3.4 Characteristics of a Team Racing Model Aircraft, FRA</b>	
F2 S/C	Yes 4	No 9
F2 TM	Yes	No

The technical meeting recommends the proposal to be referred to the F2 subcommittee together with the statement: To reduce the noise level of F2C and F2F models to an approximate level of 96 dB, the F2 subcommittee will propose new rules to the 2012 Plenary Meeting. An interim report with initial recommendations will be presented to the 2011 Plenary Meeting. A seminar on noise reduction will be held at the 2011 World Championships.

**l) 4.4 Class F2D - Combat Model Aircraft, F2 Subcommittee**  
The whole proposal was accepted by the Technical Meeting with the following change: the introduction of mandatory engine shutoff will not come into force until January 1, 2013.

F2 S/C	Yes 4	No 9
F2 TM	Yes 11	No 2

**m) F2 Annex 4A – F2A Judges Guide, F2 Subcommittee**

**Rule 4.1.9 Number of Attempts**

F2 S/C	Yes 13	No 0
F2 TM	Yes 12	No 0

**n) F2 Annex 4D – World Cup Rules, Switzerland**

**Paragraph 4D.4**

To be withdrawn by the Swiss delegate.

F2 S/C	Yes 8	No 4
F2 TM	Yes 1	No 10

**o) F2 Annex 4E – Organisers Guide, First Part, F2 Subcommittee**

**3. Time Schedule**

The F2 subcommittee has made an extra, and consequential, amendment to the F2B column: replace “1<sup>st</sup> and 2<sup>nd</sup> “round by “Qualifying round” from days 3, 4, 5 and 6 (to comply with current rule).

F2 S/C	Yes 13	No 0
F2 TM	Yes 12	No 0

**p) F2 Annex 4E – Organisers Guide, First Part, F2 Subcommittee**

**6.2.1. Layout**

F2 S/C	Yes 11	No 1
F2 TM	Yes 12	No 0

**q) F2 Annex 4E – Organisers Guide, First Part, F2 Subcommittee**

<b>6.4. Site</b>	<b>Paragraph 6.4.4</b>	
F2 S/C	Yes 11	No 1

F2 TM Yes 12 No 0

r) **F2 Annex 4E - Organisers Guide, First Part, F2 Subcommittee**

#### **6.5.2 Aerobatics**

F2 S/C Yes 12 No 1

F2 TM Yes 12 No 0

s) **F2 Annex 4E - Organisers Guide, First Part, F2 Subcommittee**

#### **6.5.4.2. Combat**

F2 S/C Yes 11 No 1

F2 TM Yes 11 No 1

t) **F2 Annex 4E - Organisers Guide, First Part, F2 Subcommittee**

#### **6.5.4.3. Combat**

F2 S/C Yes 11 No 1

F2 TM Yes 12 No 0

u) **F2 Annex 4E - Organisers Guide, First Part, F2 Subcommittee**

#### **6.5.4.5. Combat**

F2 S/C Yes 11 No 1

F2 TM Yes 11 No 0

v) **F2 Annex 4 E - Organisers Guide, First Part, Switzerland**

#### **6.5.3.4**

Amended by the F2 subcommittee:

**Wire fences 2 to 2,5 m height and 2 to 2.5 m wide must be provided to protect all staff who have to be inside the circle during races. These fences may also be used by pitmen and team managers. The judges must also be provided with a similar safety fence. The specification of the fence should match Sporting Code ABR B.10.1.**

F2 S/C Yes 13 No 0

F2 TM Yes 12 No 0

w) **F2 Annex 4E - Organisers Guide, First Part, F2 Subcommittee**

#### **6.5.4.6. Combat**

F2 S/C Yes 10 No 1

F2 TM Yes 12 No 0

x) **F2 Annex 4 E - Organisers Guide, First Part, F2 Subcommittee**

#### **8.6 Combat**

F2 S/C Yes 11 No 1

F2 TM Yes 12 No 0

y) **F2 Annex 4E - Organisers Guide, First Part, F2 Subcommittee**

### **Appendix III Aerobatics Circle Dimensions**

F2 S/C	Yes 14	No 0
F2 TM	Yes 12	No 0

#### **z) F2 Annex 4E - Organisers Guide, Fourth Part, F2 Subcommittee**

##### **4.0 Combat “In F2D”**

F2 S/C	Yes 12	No 0
F2 TM	Yes 12	No 0

#### **aa) F2 Annex 4F, F2 Subcommittee**

##### **Provisional Class F2E -**

F2 S/C	Yes 11	No 1
F2 TM	Yes 10	No 2

#### **ab) F2 New Annex K, F2 Subcommittee**

F2 S/C	Yes 11	No 1
F2 TM	Yes 11	No 1