S-C F5 Electric Flight Technical Meeting Minutes 2012

Report by: Georg Shering and Martin Hoff

Present:

Steve Neu	USA	s/c F5
Norbert Huebner	GER	s/c F5
Martin Hoff	AUT	s/c F5
Georg Shering	GBR	s/c F5
Alessandro Mossa	ITA	s/c F5
Marius Conu	ROU	Organizer F5 WCH 2012
Peter Keim	NED	Delegate
Fernando Barnos	PRT	Observer
Emil Giezendanner	SUI	Chairm.

MINUTES - PROPOSALS

Note: Copy and paste a blank table if there are more proposals than there are tables provided; delete those tables that are not required.

Page	Class: F5 Gen.			
			Submitted by:	**F5 SC**
49 a)	Amended at the Technical Meeting? **YES** **General Rules** a) **5.5.1.4 Energy Limiter** **F5 Sub-committe** *Amend the paragraph as follows:* ~~In classes where an energy limit is defined an energy limiter device must be used. The energy limiter cuts off the motor when the given energy limit is reached.~~ **~~The energy limiter should also cut off the motor if it detects more than 400 A persisting for more than 0.2 seconds, any condition which will prevent a correct energy measurement being made.~~** The energy limiter**/logger** is located in the electric circuit between the battery and the motor**. In case of a limiter** the interruption must either persist permanently or for a defined period of time. **Instead of an energy limiter, the contest organiser can supply a "real time radio telemetry logger" that transmits logged data to the ground.** The energy data and motor-run data is available to the pilots.				
	S-C Voting *(prior to the Technical Meeting)*:	For:	Against:	Abstain:
	Technical Meeting Voting:	For: 7	Against: 0	Abstain: 0
	Comments *(if necessary)*:			

Page	Class: F5 Gen.			
			Submitted by:	**F5 SC**
49 b)	Amended at the Technical Meeting? **NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:			
	S-C Voting *(prior to the Technical Meeting)*:	For:	Against:	Abstain:
	Technical Meeting Voting:	For: 7	Against: 0	Abstain: 0
	Comments *(if necessary)*:			

Page	Class: F5 Gen.				
				Submitted by:	KAZ
49 c)	Amended at the Technical Meeting? **NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:				
	S-C Voting *(prior to the Technical Meeting)*:	For:	Against:	Abstain:	
	Technical Meeting Voting:	For: 0	Against: 7	Abstain: 0	
	Comments *(if necessary)*:				

Page	Class: F5B				
				Submitted by:	AUT
50 d)	Amended at the Technical Meeting? **NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:				
	S-C Voting *(prior to the Technical Meeting)*:	For:	Against:	Abstain:	
	Technical Meeting Voting:	For: 7	Against: 0	Abstain: 0	
	Comments *(if necessary)*:				

Page	Class: F5B				
				Submitted by:	SC F5

50 e)

Amended at the Technical Meeting? YES

> **a)** **Amended at the Technical Meeting?** YES **5.5.4.1. Definition,   F5 Sub-committe**
> *Amend paragraphs b), c), d) as follows:*

5.5.4.1 b) Model Aircraft specifications:

Minimum weight without battery	**1000 g**
Minimum surface area	26.66 dm^2
Type of battery	**Lithium Polymer**
Maximum number of ~~only serial~~ cells	10 **(ten) in series**
~~**Cells in parallel are not permitted.**~~	
Minimum weight of battery pack	**450 g**
~~Maximum weight of battery pack~~	~~600 g~~
Limitation of energy by an electronic limiter/**logger** ~~that stops the motor~~	max 1750 Watt-min

~~c)   Maximum number of battery packs enter the contest:1 pack per 2 rounds; 1 pack for reflights.~~

~~d)   Repair of battery packs is permitted providing the cells used in the repair come from battery packs that were checked at the start of the contest for that pilot~~

The limiter is checked by the organiser during the contest.

~~The limit is checked by an electronic limiter that stops the motor, checked during the competition, or by an organiser supplied logger which is read during or immediately after the flight. With the logger, 1 (one) point is deducted for every 3 (three) watt-min used over the limit.~~

c) If a logger is used the data is retrieved during or immediately after the flight.

d) With the logger, 1 (one) point is deducted for every 3 (three) watt-min used over the limit.

S-C Voting *(prior to the Technical Meeting)*:	For:	Against:	Abstain:		
Technical Meeting Voting:	For: 7	Against: 0	Abstain: 0		
Comments *(if necessary)*:					

Page	Class: F5B		
		Submitted by:	**GER**
51 f)	Amended at the Technical Meeting? **YES / NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: Against: Abstain:		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*: withdrawn		

Page	Class: F5B		
		Submitted by:	**KAZ**
51 g)	Amended at the Technical Meeting? **YES / NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 0 Against: 7 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: F5B		
		Submitted by:	**KAZ**
52 h)	Amended at the Technical Meeting? **YES / NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 0 Against: 7 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: F5B		
		Submitted by:	**SC F5**
52 i)	Amended at the Technical Meeting? **NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 7 Against: 0 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: F5B		
		Submitted by:	**KAZ**
52 j)	Amended at the Technical Meeting? **YES / NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 0 Against: 7 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*: further discussion		

Page	Class: F5B		
		Submitted by:	**KAZ**
53 k)	Amended at the Technical Meeting? **YES / NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 0 Against: 6 Abstain: 1		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: F5B		
		Submitted by:	**KAZ**
53 l)	Amended at the Technical Meeting? **YES / NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 0 Against: 7 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: F5B		
		Submitted by:	**BEL**
53 m)	Amended at the Technical Meeting? **YES / NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 0 Against: 7 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: F5D		
		Submitted by:	**AUT**
53 n)	Amended at the Technical Meeting? **NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 7 Against: 0 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: F5D		
		Submitted by:	**AUT**
54 o)	Amended at the Technical Meeting? **NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 6 Against: 0 Abstain: 1		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: F5D		
		Submitted by:	**AUT**
54 p)	Amended at the Technical Meeting? **NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: Against: Abstain:		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*: withdrawn		

Page	Class: F5D		
		Submitted by:	**SC F5**
54 q)	Amended at the Technical Meeting? **YES / NO** *(delete as appropriate)* (*If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red)*:		
	S-C Voting *(prior to the Technical Meeting)*: For: 7 Against: 0 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

Page	Class: New		
		Submitted by:	**SC F5**
54 r)	Amended at the Technical Meeting? **YES** **Change from F5I to F5K** 		
	S-C Voting *(prior to the Technical Meeting)*: For: 7 Against: 0 Abstain: 0		
	Technical Meeting Voting: For: Against: Abstain:		
	Comments *(if necessary)*:		

MINUTES – OTHER ITEMS

Information of the F5B/D WCH 2012 organizer Marius Conu