RC Soaring Technical Meeting Minutes

24th April 2015

Report by: Tomas Bartovsky, SC Chairman

Present:

Name	Country	Position
Tomas Bartovsky	**CZE**	**RC-Soaring Subcommittee chairman, CIAM delegate**
Ernest Mattiussi	**LUX**	**RC-Soaring Subcommittee member, CIAM delegate**
Rudolf Schaub	**SUI**	**RC-Soaring Subcommittee member, CIAM delegate**
Clive Needham	**GBR**	**RC-Soaring Subcommittee member, CIAM delegate**
Robert Herzog	**BEL**	**RC-Soaring Subcommittee member, CIAM delegate**
Carles Aymat	**ESP**	**RC-Soaring Subcommittee member, CIAM delegate**
Sotir Lazarkov	**BUL**	**RC-Soaring Subcommittee member, CIAM delegate**
Ralf Decker	**GER**	**RC-Soaring Subcommittee member**
Serdar Sualp	**TUR**	**CIAM delegate**
Peter Keim	**NED**	**CIAM delegate**
Constantine Ioannides	**GRE**	**CIAM delegate**
Erik Dahl Christensen	**DEN**	**Observer**
Paulette Hallaeux	**BEL**	**Observer**
Wout Heijne	**NED**	**Observer**
Johannes Eissing	**GER**	**Observer**

MINUTES – PROPOSALS

ABR Volume

Page 18	**Class: F3K**				
r)	**B.16.1 Individual Classification**			**Submitted by:**	**RSA**
	Amended at the Technical Meeting? NO				
	S-C Voting *(prior to the Technical Meeting)*:	For: 9	Against: 3		
	Technical Meeting Voting:	For: 7	Against: 3	Abstain: 0	
	Comments : **Recommended**				

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c)	**ANNEX - 1.1 World Championship Events for Model Aircraft**			**Submitted by:**	**RSA**
	Amended at the Technical Meeting? NO				
	S-C Voting *(prior to the Technical Meeting)*:	For: 9	Against: 3		
	Technical Meeting Voting:	For: 7	Against: 3	Abstain: 0	
	Comments : **Recommended**				

F3B

Page 50	**Class: F3B**				
a)	**5.3.1.5. Definition of an Attempt b) and c)**			**Submitted by:**	**GER**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 11	Against: 4		
	Technical Meeting Voting:	For: 3	Against: 7	Abstain: 1	
	Comments : **Not recommended**				

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b)	**5.3.1.5. Definition of an Attempt d)**			**Submitted by:**	**GER**
	Amended at the Technical Meeting? **YES** ~~d) When a competitor obtains a new working time period and his model aircraft has been damaged beyond repair during the attempt where he obtained this new working time, he is entitled to continue flying the current round with his second model aircraft and this notwithstanding rule 5.3.2.1. This rule applies only when the damage inflicted to the model aircraft is directly linked to the incident that gave the right to the re-flight.~~ **d) The competitor has the right to change his model during a current round if this is not withstanding rule 5.3.2.1. if:** **1. his model collides with another model in flight; he has the right for a reflight, but his model is not reperable in time.** **2. his model has landed (final or intermediate landing) and is damaged by a landing model of another competitor and the model is not reparable in time.** **3) in the case of 1) or 2) above once the competitor has exercised his right to change his damaged model aircraft that model must not be used in any subsequent task(s) in the current round.**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 15	Against: 0		
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended as amended**				

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c)	**5.3.1.8 Organisation of Starts a)**			**Submitted by:**	**F3 Soaring SC**
	Amended at the Technical Meeting? **YES** a) The competitors shall be combined in groups with a draw, in accordance with the radio frequencies used, to permit as many flights simultaneously as possible. **Incomplete teams may be to their request combined into a working team. T**he draw is organised in such a way that ~~as far as possible~~ there are no competitors of the same **working** team in the same group. **At World and Continental Championship the reigning champion, if participating outside the national team, may join his national team to form a working team.**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 15	Against: 0		
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended as amended**				

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d)	**5.3.1.10. Safety rules a)**			**Submitted by:**	**GER**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 15	Against: 0		
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended**				

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e)	**5.3.2.1 Definition b)**			**Submitted by:**	**GER**
	Amended at the Technical Meeting? **YES** b) The combination of task A, B and C constitutes a round. A minimum of two rounds must be flown. Except at World and Continental Championships the last round may be incomplete, i.e. only one task or any combination of two tasks. In the case of a World Championships each competitor is entitled a minimum of five rounds subject to the provision of rule B.13, Section 4B. At the discretion of the organiser any task may be flown first in a scheduled round**. ~~Due to insecure~~ In the case of unstable weather conditions, lack of time or technical issues it is possible to ~~pre-draw a~~ fly task A or B of the following round before the task C of the current round. ~~Further changes~~ No other change of the schedule is ~~are not~~ allowed. The scheduled task must be completed. If the model is damaged during the predrawn task (A or B) the competitor is entitled to change the model for task C of the previous round.**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 12	Against: 3		
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended as amended**				

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f)	**5.3.2.2. Launching b)**			**Submitted by:** **GER**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 4	Against: 11	
	Technical Meeting Voting:	For:	Against:	Abstain:
	Comments : **According to the subcommittee voting offered to be withdrawn**			

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g)	**5.3.2.2 Launching f)**			**Submitted by:** **BEL**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 13	Against: 2	
	Technical Meeting Voting:	For: 10	Against: 1	Abstain: 0
	Comments : **Recommended**			

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h)	**5.3.2.2 Launching s)**			**Submitted by:** **F3 Soaring SC**
	Amended at the Technical Meeting? **YES** s) In the case of Continental and World Championships, a maximum of six (6) winches and six (6) batteries may be used ~~during the competition~~ **at any time on the winches line(s)** by any ~~complete~~ **working** team (~~3 pilots~~). Interchanging among winches and batteries while keeping compliance with the minimum resistance rule is totally under the responsibility of the ~~team~~**competitor**.			
	S-C Voting *(prior to the Technical Meeting)*:	For: 15	Against: 0	
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0
	Comments : **Unanimously recommended as amended**			

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i)	**5.3.2.2 Launching s)**			**Submitted by:** **BEL**
	Amended at the Technical Meeting? **Combined with the previous item**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 14	Against: 1	
	Technical Meeting Voting:	For:	Against:	Abstain: 0
	Comments : **Offered to be withdrawn**			

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j)	**5.3.2.2 Launching j)**			**Submitted by:** **GER**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 7	Against: 8	
	Technical Meeting Voting:	For:	Against:	Abstain:
	Comments : **Offered to be withdrawn**			

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k)	**5.3.2.9 Site**			**Submitted by:** **F3 Soaring SC**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 15	Against: 0	
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0
	Comments : **Unanimously recommended**			

F3K

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l)	**5.7.1.3 Transmitter Pound**			**Submitted by:** **USA**
	Amended at the Technical Meeting? **YES** ~~The organiser should provide a transmitter pound where all transmitters and/or antennas are kept in custody while not in use during a flight or the corresponding preparation time.~~ **~~Radios on 2.4g band do not have to be impounded.~~** **The organiser should consider the need for a transmitter pound with reference to Volume ABR section 4B, B11.2 - B.11.6.**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 12	Against: 3	
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0
	Comments : **Unanimously recommended as amended**			

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m)	**5.7.2 Definition of Model Glider**			**Submitted by: USA**
	Amended at the Technical Meeting? **YES** 5.7.2.1. Specifications ... The model glider must be launched by hand and ~~is~~ controlled by radio equipment acting on an unlimited number of surfaces. … The model glider may be equipped with holes, pegs or reinforcements, which allow a better grip of the model glider by hand. The pegs must be ~~stiff and~~ **stiff and** an integral part of the model glider ~~within the half-span of the wing~~, and be neither extendable nor retractable. Devices, which do not remain a part of the model glider during and after the launch, are not allowed.			
	S-C Voting *(prior to the Technical Meeting)*:	For: 14	Against: 1	
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0
	Comments : **Unanimously recommended as amended**			

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n)	**5.7.2.5 Radio Frequencies**			**Submitted by: USA**
	Amended at the Technical Meeting? **YES** Each competitor **~~using a non-2.4g band radio~~ not using a Spread Spectrum Technology Transmitter** must provide at least two frequencies on which his model glider may be operated, and the organiser may assign any of these frequencies for the duration of the complete contest. The organiser is not allowed to change the frequency assigned to a competitor during the event. The organiser may re-assign frequencies to competitors only if a separate fly-off is flown and only for the duration of the complete fly-off.			
	S-C Voting *(prior to the Technical Meeting)*:	For: 13	Against: 2	
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0
	Comments : **Unanimously recommended as amended**			

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o)	**5.7.4.3 Safety Area**			**Submitted by: GER**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 10	Against: 5	
	Technical Meeting Voting:	For:	Against:	Abstain:
	Comments : **Promissed to withdraw in favour of amended item p)**			

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p)	**5.7.4.3 Safety Area**			**Submitted by: USA**
	Amended at the Technical Meeting? **YES** 5.7.4.3. Safety area The organiser ~~must~~ **may** define safety areas **outside of the start and landing field, for protecting people and objects**. The organiser must ensure that the safety areas are **well defined, clearly marked,** and permanently **monitored**~~controlled by well trained personnel~~. Contact of the model glider: ~~..~~i) with an object, including the ground, within the defined safety area will be penalised by deduction of 100 points from the competitor's final score. ii) while airborne with a person (except its pilot ~~or his helper~~) within the defined safety area will be penalised by deduction of 300 points from the competitor's final score. iii) while airborne with a person (except its pilot ~~or his helper~~) anywhere outside the defined safety area will be penalised by deduction of 100 points from the competitor's final score. ~~The start and landing field is considered to be outside the safety area.~~ Each **flight** attempt may only incur a single penalty. **If multiple safety infractions happened during the same flight attempt only the highest penalty will be applied. For example, if during the same flight attempt a competitor's model contacted a person and an object inside the safety area,** ~~If contact is made with a person and at the same attempt, an object,~~ the 300 points penalty will be applied. **In all of the above cases, if the infractions occurred as a result of a mid-air collision, no penalties will be levied, according to 5.7.4.2.** Penalties shall be listed on the score sheet of the round in which the infringement(s) occurred.			
	S-C Voting *(prior to the Technical Meeting)*:	For: 14	Against: 1	
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0
	Comments : **Unanimously recommended as amended**			

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q)	**5.7.4.4 Forbidden Airspace**			**Submitted by:**	**SWE**
	Amended at the Technical Meeting? **YES** The organiser may define forbidden airspace, flying inside of which is strictly forbidden at any altitude. If a competitor flies his model glider inside such a forbidden airspace, ~~first warning~~ **notification** is announced to the competitor. The competitor has to fly his model glider out of the forbidden airspace immediately and by the shortest route. ~~If during the same flight the model glider enters the restricted airspace again, the competitor will receive 100 penalty points~~. **If not following this way ~~T~~the flight shall be scored zero.** **For major events the declaration of safety areas should only be used as a last resort if a field cannot be found that will allow the contest siteto be set out free of such constraints**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 10	Against: 5		
	Technical Meeting Voting:	For: 9	Against: 1	Abstain: 1	
	Comments : **Recommended as amended**				

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r)	**5.7.5 Weather Conditions**			**Submitted by:**	**SWE**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 7	Against: 7		
	Technical Meeting Voting:	For: 1	Against: 10	Abstain: 0	
	Comments : **Not recommended**				

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s)	**5.7.9.1 Groups**			**Submitted by:**	**DEN**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 5	Against: 9		
	Technical Meeting Voting:	For:	Against:	Abstain:	
	Comments : **Offered to withdraw in favour of item t)**				

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t)	**5.7.9.1 Groups**			**Submitted by:**	**USA**
	Amended at the Technical Meeting? **YES** 5.7.9.1. Groups **and round scores** The contest is organised in rounds. In each round the competitors are arranged in as few groups as possible. A group must consist of at least 5 competitors. The composition of groups has to be different in each round . The results are normalised within each group, 1000 points being the basis for the best score of the winner of the group. The result of a task is measured in seconds **and truncated down to the whole seconds according to 5.7.7.** The normalised scores within a group are calculated by using the following formula: normalised ~~points~~ **score** = competitor's score / best competitor's score x 1000**. The normalised scores are rounded to whole numbers, ~~e.g., a score of 771.429 is rounded to 771, a score of 799.523 is rounded to 800.~~**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 12	Against: 2		
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended as amended**				

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u)	**5.7.9.3 Landing Window**			**Submitted by:**	**USA**
	Amended at the Technical Meeting? **YES** No points are deducted for flying over the maximum flight time or past the end of the working time. For all Tasks except Task C **(All up),** a 30 seconds landing window will begin at the end of the working time~~al~~. ~~For Task C (All up, last down, seconds) the landing window will end 3:33 after the start signal~~. Any model gliders still airborne must land before the end of the landing window. If a model glider lands later, then that flight will score zero **~~and the competitor will receive a penalty of 100 points according to 5.7.9.4.~~** **For Task C (All up), the landing window for each flight attempt will begin at 3:03 and end at 3:33 after the start of the acoustic signal indicating the 3 second launch window. If a model glider lands after the end of the landing window, then that flight will score zero. If this happens between any two flight attempts of Task C, and the model glider is airborne during the special 60 second preparation time before the next flight attempt, the next flight attempt will also score zero according to 5.7.11.3. If this happens after the last flight attempt of Task C, the competitor will receive a 100 point penalty according to 5.7.9.4.** The organiser should announce the last ten seconds of the landing window by counting down.				
	S-C Voting *(prior to the Technical Meeting)*:	For: 11	Against: 3		
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended as amended**				

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v)	**5.7.9.4 Preparation Time**			**Submitted by:**	**USA**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 11	Against: 3		
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended**				

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w)	**5.7.9.5 Flight Testing Time**			**Submitted by:**	**F3 Soaring SC**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 15	Against: 0		
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended**				

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x)	**5.7.9.5 Flight Testing Time**			**Submitted by:**	**DEN**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 6	Against: 8		
	Technical Meeting Voting:	For:	Against:	Abstain:	
	Comments : **Offered to be withdrawn in favour of item w)**				

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y)	**5.7.9.5 Flight Testing Time**			**Submitted by:**	**DEN**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 5	Against: 9		
	Technical Meeting Voting:	For:	Against:	Abstain:	
	Comments : **Offered to be withdrawn in favour of item w)**				

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z)	**5.7.9.5 Flight Testing Time**			**Submitted by:**	**GER**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 10	Against: 4		
	Technical Meeting Voting:	For:	Against:	Abstain:	
	Comments : **Offered to be withdrawn in favour of item w)**				

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aa)	**5.7.9.5 Flight Testing Time**			**Submitted by:** **USA**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 7	Against: 7	
	Technical Meeting Voting:	For:	Against:	Abstain:
	Comments : **Offered to be withdrawn in favour of item w)**			

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ab)	**5.7.10.2 Resolution of a Tie**			**Submitted by:** **GER**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 8	Against: 6	
	Technical Meeting Voting:	For:	Against:	Abstain:
	Comments : **Offered to be withdrawn in favour of item ac)**			

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ac)	**5.7.10.2 Resolution of a Tie**			**Submitted by:** **USA**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 11	Against: 3	
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0
	Comments : **Unanimously recommended**			

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ad)	**5.7.10.3 Fly-off**			**Submitted by:** **GER**
	Amended at the Technical Meeting? **YES** The organiser may announce a fly-off prior to the beginning of the event. For World and Continental Championships, the fly-off is mandatory for seniors. The fly-off should consist of at least three (3) rounds with a maximum of six (6) rounds~~. If 5 or 6 rounds are flown, the lowest score is dropped.~~ **If less than three (3) fly-off rounds can be completed the result from preliminary rounds determine the final ranking.** ~~The maximum number of competitors in a fly-off is limited to 12. The minimum number of competitors in a fly-off should be 10-15 % of the total number of competitors but is limited to maximum of 12 competitors.~~ A junior fly-off may be held with the maximum number of competitors being 2/3 of the seniors flyoff. A separate junior fly-off is not mandatory. If a fly-off is flown, the points (including penalties) of the previous rounds are not considered			
	S-C Voting *(prior to the Technical Meeting)*:	For: 11	Against: 4	
	Technical Meeting Voting:	For: 11	Against: 0	Abstain: 0
	Comments : **Unanimously recommended as amended**			

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ae)	**5.7.10.3 Fly-off**			**Submitted by:** **SWE**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 9	Against: 6	
	Technical Meeting Voting:	For:	Against:	Abstain:
	Comments : **Not recommended in favour of item ad)**			

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af)	**5.7.10.3 Fly-off**			**Submitted by:** **SWE**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 4	Against: 10	
	Technical Meeting Voting:	For:	Against:	Abstain:
	Comments : **Not recommended in favour of item ad)**			

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ag)	**5.7.10.3 Fly-off**			**Submitted by:** **USA**
	Amended at the Technical Meeting? **NO**			
	S-C Voting *(prior to the Technical Meeting)*:	For: 11	Against: 3	
	Technical Meeting Voting:	For:	Against:	Abstain:
	Comments : **Not recommended in favour of item ad)**			

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ah)	**5.7.11.1 Task A (Last Flight)**				**Submitted by:** **GER**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 13	Against: 2		
	Technical Meeting Voting:	For: 10	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended**				

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ai)	**5.7.11.3 Task C(All up, last down, seconds)**				**Submitted by:** **GER**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 12	Against: 2		
	Technical Meeting Voting:	For: 10	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended**				

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aj)	**5.7.11.3 Task C(All up, last down, seconds)**				**Submitted by:** **USA**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 6	Against: 7		
	Technical Meeting Voting:	For:	Against:	Abstain:	
	Comments : **Not recommended in favour of item ai)**				

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ak)	**5.7.11.6 Task F (3 out of 6)**				**Submitted by:** **SWE**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 6	Against: 6		
	Technical Meeting Voting:	For: 0	Against: 10	Abstain:	
	Comments : **Not recommended**				

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al)	**5.7.11.11 Task K (Lowest flight of two, "Deuce")**				**Submitted by:** **USA**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 11	Against: 3		
	Technical Meeting Voting:	For: 1	Against: 6	Abstain: 3	
	Comments : **Not recommended**				

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am)	**5.7.11.12 Task L (Two flights, 5 minute max)**				**Submitted by:** **USA**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 11	Against: 3		
	Technical Meeting Voting:	For: 3	Against: 5	Abstain: 2	
	Comments : **Not recommended**				

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an)	**5.7.11.13 Task M (Increasing time by 30 s)**				**Submitted by:** **USA**
	Amended at the Technical Meeting? **NO**				
	S-C Voting *(prior to the Technical Meeting)*:	For: 12	Against: 2		
	Technical Meeting Voting:	For: 10	Against: 0	Abstain: 0	
	Comments : **Unanimously recommended**				