

# CIAM F3 R/C Aerobatics Subcommittee Technical Zoom Meeting Minutes 2021

Report by: Peter Uhlig, Chairman

April 10, 2021

## Connected:

Name	Country	Title	
Papadopoulos	Antonis	GRE	CIAM President
Uhlig	Peter	GER	F3 RCAerobatics Subcommittee Chairman
Dooley	Brian	AUS	SC member
Wultsch	Björn	AUT	SC member
Vanlanduyt	Peter	BEL	SC member
Ells	Harry	CAN	SC member
Christodoulides	Paris	CYP	SC member
Bartovsky	Tomas	CZE	Delgate
Santamaria	Javier	ESP	SC member
Maerte	Guillaume	FRA	SC member
Poidevin	Roland	FRA	Obseerver
Caton	Kevin	GBR	Observer
Komfort	Christian	GER	Observer
Dible	Joe	IRL	Delegate
Chester	Shlomi	ISR	SC member
Leshed	Amram	ISR	Delegate
Condello	Lillo	ITA	Delegate
Hirose	Harunobu (Ken)	JPN	SC member
Matt	Wolfgang	LIE	SC member
Pauzuolis	Donatas	LTU	SC member
Luvsanchultem	Byambajav	MGL	Observer
Bazerko	Trajko	MKD	Observer
van Loon	Henny	NED	SC member
Keim	Peter	NED	Delegate
Palmer	Andrew	NZL	Observer
Wurts	Joseph	NZL	Delegate
M. Hernandez	Luis	PHP	SC member
Fernandes	Emanuel	POR	SC member
Skinner	Bob	RSA	Delegate
Stockwell	André	RSA	SC member
Galley	Roland	SUI	SC member
Yeginsoy	Faruk	SUI	Delegate
Lindgren	Bengt	SWE	Alternate Delegate
Park	Chanil	KOR	Observer
Atwood	Mark	USA	SC member

## MINUTES - PROPOSALS

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

ii) Add the proposal agenda paragraph number and proposal title in the first blank cell.

Page 19	Class F3A		
a)	<b>5.1.2 General Characteristics</b>	<b>Submitted by</b>	<b>USA</b>
	Amended at the Technical Meeting? <b>No</b> (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: 2 <b>Against: 18</b> Abstain: 0
	Technical Meeting:		
Comments (if necessary):		<b>withdrawn by USA Delegate</b>	

<b>Page 19</b>	<b>Class: F3A</b>				
<b>b)</b>	<b>5.1.2 General Characteristics</b>			<b>Submitted by:</b>	<b>F3 Aero</b>
	Amended at the Technical Meeting? <b>NO</b> (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): <b>For: 17</b> Against: 1 Abstain: 0				
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>				
Comments (if necessary):					

<b>Page 19/20</b>	<b>Class: F3A</b>				
<b>c)</b>	<b>5.1.2 General Characteristics/Consequence of b)</b>			<b>Submitted by:</b>	<b>F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 17</b> Against: 1 Abstain: 0				
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>				
Comments (if necessary):					

<b>Page20</b>	<b>Class F3A</b>				
<b>d)</b>	<b>5.1.8 Marking/Consequence of b)</b>			<b>Submitted by:</b>	<b>F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 17</b> Against: 1 Abstain: 0				
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>				
Comments (if necessary):					

<b>Page 20/21</b>	<b>Class F3A</b>				
<b>e)</b>	<b>5.1.8 m) Marking</b>			<b>Submitted by:</b>	<b>F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 20</b> Against: 0 Abstain: 0				
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>				
Comments (if necessary):					

<b>Page 21</b>	<b>Class F3A</b>				
<b>f)</b>	<b>5.1.8 b) Marking</b>			<b>Submitted by:</b>	<b>France</b>
	Amended at the Technical Meeting? <b>NO</b> (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: 2 <b>Against: 16</b> Abstain: 2				
	Technical Meeting: <b>withdrawn by French Delegate</b>				
Comments (if necessary):					

<b>Page 21/22</b>	<b>Class F3A</b>				
<b>g)</b>	<b>5.1.9 e) Classification</b>			<b>Submitted by:</b>	<b>France</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 18</b> Against: 2 Abstain: 0				
	Technical Meeting: <b>recommended by the technical meeting with comment below</b>				
Comments (if necessary): Current normalization (normalization introduced since 2018) had unintended consequences and needs to be reverted back to the traditional normalization UNTIL a better approach can be devised.					

<b>Page22</b>	<b>Class F3A</b>				
<b>h)</b>	<b>5.1.11 e) Organisation for R/C Aerobatic Contests</b>			<b>Submitted by:</b>	<b>F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 19</b> Against: 1 Abstain: 0				
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>				
Comments (if necessary):					

<b>Page 22</b>	<b>Class F3A</b>		
i)	<b>5.1.11 f) Organisation for R/C Aerobatic Contests</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 18</b> Against: 0 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 22/23</b>	<b>Class F3A</b>		
j)	<b>5.1.10 e, f) Judging</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 20</b> Against: 0 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 23/24</b>	<b>Class F3A</b>		
k)	<b>Annex 5B Manoeuvre Execution Guide 5B. 8.5 d), e)</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 16</b> Against: 0 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 24</b>	<b>Class F3A</b>		
l)	<b>Annex 5B Manoeuvre Execution Guide 5B.8.9 a), b)</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 18</b> Against: 0 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 24/25</b>	<b>Class F3A</b>		
m)	<b>Annex 5B Manoeuvre Execution Guide 5B.8.10)</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 18</b> Against: 0 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 25</b>	<b>Class F3A</b>		
n)	<b>Annex 5B Manoeuvre Execution Guide 5B.3), 4)</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 16</b> Against: 1 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 25/26</b>	<b>Class F3A</b>		
o)	<b>Annex 5B Manoeuvre Execution Guide 5B.8.4</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 16</b> Against: 1 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

Page 26	Class F3A		
p)	<b>Annex 5B Manoeuvre Execution Guide 5B.9</b>		Submitted by: F3 Aero
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 16</b> Against: 1 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

Page 26	Class F3A		
q)	<b>Annex 5B Manoeuvre Execution Guide 5B.11</b>		Submitted by: F3 Aero
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 16</b> Against: 0 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

Page 26/27	Class F3A		
r)	<b>Annex 5G Unknown Manoeuvre Schedule 5G.2</b>		Submitted by: F3 Aero
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 19</b> Against: 1 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

Page 27	Class F3A		
s)	<b>Annex 5G Unknown Manoeuvre Schedule 5G.3</b>		Submitted by: F3 Aero
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 19</b> Against: 1 Abstain: 0		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

Page 27/28	Class F3A		
t)	<b>5.1.13 Schedule of Manoeuvres</b>		Submitted by: F3 Aero
	Amended at the Technical Meeting? <b>YES</b> (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): <b>The Subcommittee members selected the 25-schedule sequences from more than one proposed manoeuvre sequence. The manoeuvre sequences proposed to the Plenary are selected by a clear majority of the Subcommittee members.</b>		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

Page 28/29	Class F3A		
u)	<b>5.1.13 Schedule of Manoeuvres</b>		Submitted by: F3 Aero
	Amended at the Technical Meeting? <b>YES</b> (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): <b>The Subcommittee members selected the schedule sequences from more than one proposed manoeuvre sequence. The manoeuvre sequences proposed to the Plenary are selected by a clear majority of the Subcommittee members</b>		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

Page 29/30	Class F3A		
v)	<b>5.1.13 Schedule of Manoeuvres</b>		Submitted by: F3 Aero
	Amended at the Technical Meeting? <b>YES</b> (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): <b>The Subcommittee members selected the schedule sequences from more than one proposed manoeuvre sequence. The manoeuvre sequences proposed to the Plenary are selected by a clear majority of the Subcommittee members</b>		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 30</b>	<b>Class F3A</b>		
<b>w)</b>	<b>Annex 5A Aerobatic Description of Manoeuvres</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>The Subcommittee members selected the schedule sequences from more than one proposed manoeuvre sequence. The manoeuvre sequences proposed to the Plenary are selected by a clear majority of the Subcommittee members</b>		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 30</b>	<b>Class F3M</b>		
<b>x)</b>	<b>5.10.11 c) Classification</b>		<b>Submitted by: France</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 12</b> Against: 0 Abstain: 7		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 30/31/32</b>	<b>Class F3P</b>		
<b>y)</b>	<b>F3P - R/C Indoor Aerobatic Aircraft 5.9.13 Schedule of Manoeuvres</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 17</b> Against: 0 Abstain: 1		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			

<b>Page 32</b>	<b>Class F3A</b>		
<b>z)</b>	<b>Annex 5M - Indoor Aerobatic Description of Manoeuvres</b>		<b>Submitted by: F3 Aero</b>
	Amended at the Technical Meeting? <b>YES</b> (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): <b>For: 17</b> Against: 0 Abstain: 1		
	Technical Meeting: <b>unanimously recommended by the technical meeting</b>		
Comments (if necessary):			