

CIAM F3 R/C Aerobatics Subcommittee Technical Meeting Minutes 2017

Report by: Michael Ramel, Chairman

Lausanne, April 28, 2017

Present:

| Name | Country | Title | |
|--|----------------|-----------------------|--------|
| Peter Vanlanduyt | Belgium | Observer | voting |
| Jean Paul Delteil | France | Observer | |
| Pierre Pignot | France | S/C Member | voting |
| Peter Uhlig | Germany | Delegate | voting |
| Michael Ramel | Germany | S/C Chairman | |
| Lillo Condello | Italy | Delegate | voting |
| Ken Hirose | Japan | Delegate, S/C M. | voting |
| Henny Van Loon | Netherlands | Observer | voting |
| Tom Erik Söderstrom | Norway | Alt. Delegate | voting |
| Emanuel Fernandes | Portugal | Delegate, S/C M. | voting |
| Bernard Schaden | Switzerland | S/C Member | voting |
| Jo Helman | United Kingdom | Alt. Delegate | voting |
| Tim Jesky | USA | Alt. Delegate | |
| Derek Koopowitz | USA | S/C Member | voting |
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| | | | 14 |
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| Harry Ells (joined voting late at 14.8.ab) | Canada | Alt. Delegate, S/C M. | voting |
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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.

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| Page 51 | Class: F3A | | |
| | 14.8.a) 5.1.2 General Characteristics of R/C Aerobatic Power Models | Submitted by: | USA |
| | 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: 9 |
| | Technical Meeting Voting: | For: 4 | Against: 7 |
| | Comments (if necessary): | | |

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| Page 51 | Class: F3A | | |
| | 14.8.b) 5.1.2 General Characteristics of R/C Aerobatic Power Models | Submitted by: | UK |
| | 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: 16 | Against: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 |
| | Comments (if necessary): | | |

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| Page 52 | Class: F3A | | |
| | 14.8.c) 5.1.2 General Characteristics of R/C Aerobatic Power Models | Submitted by: | S/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: 17 | Against: 0 |
| | Technical Meeting Voting: | For: 10 | Against: 1 |
| | Comments (if necessary): subparagraph "i", not "h" | | |

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| Page 52 | Class: F3A |
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| | 14.8.d) 5.1.3 Definition and Number of Helpers | Submitted by: | USA |
| | 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: 4 | Against: 12 Abstain: 0 |
| | Technical Meeting Voting: | For: 1 | Against: 10 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 53 | Class: F3A | | |
| | 14.8.e) 5.1.8 Marking | Submitted by: | S/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: 12 | Against: 5 Abstain: 0 |
| | Technical Meeting Voting: | For: 10 | Against: 1 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 53 | Class: F3A | | |
| | 14.8.f) 5.1.9 Classification | Submitted by: | S/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: 17 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 54 | Class: F3A | | |
| | 14.8.g) 5.1.9 Classification | Submitted by: | S/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: 17 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 54 | Class: F3A | | |
| | 14.8.h) 5.1.9 Classification | Submitted by: | S/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: 17 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 54 | Class: F3A | | |
| | 14.8.i) 5.1.9 Classification | Submitted by: | S/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: 14 | Against: 3 Abstain: 0 |
| | Technical Meeting Voting: | For: 9 | Against: 2 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 55 | Class: F3A | | |
| | 14.8.j) 5.1.9 Classification | Submitted by: | S/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: 17 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 55 | Class: F3A | | |
| | 14.8.k) 5.1.10. Judging | Submitted by: | USA |
| | 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: 3 | Against: 13 Abstain: 0 |
| | Technical Meeting Voting: | For: 3 | Against: 8 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 56 | Class: F3A | | |
| | 14.8.l) 5.1.11. Organisation for R/C Aerobatics Contests | Submitted by: | S/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: 17 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 56 | Class: F3A | | |
| | 14.8.m) 5.1.13. Schedule of Manoeuvres | Submitted by: | S/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: 13 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 57 | Class: F3A | | |
| | 14.8.n) 5.1.13. Schedule of Manoeuvres | Submitted by: | S/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: 14 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 58 | Class: F3A | | |
| | 14.8.o) 5.1.13. Schedule of Manoeuvres | Submitted by: | S/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: 12 | Against: 2 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 59 | Class: F3A | | |
| | 14.8.p) Annex 5A Description of F3A Manoeuvres | Submitted by: | S/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: 13/14/12 | Against: 0/0/2 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: |
| | Comments (if necessary): | | |

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| Page 59 | Class: F3A | | |
| | 14.8.q) Annex 5B.2 General | Submitted by: | USA |
| | 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: 16 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 10 | Against: 1 Abstain: 0 |
| | Comments (if necessary): | | |

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| Page 59 | Class: F3A | | |
| | 14.8.r) Annex 5B.4. Principles | Submitted by: | S/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: 17 | Against: 0 |
| | Technical Meeting Voting: | For: 9 | Against: 2 |
| | Comments (if necessary): | | |

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| Page 59 | Class: F3A | | |
| | 14.8.s) Annex 5B.5. Downgrading System for Judging Manoeuvres | Submitted by: | S/C |
| | Amended at the Technical Meeting? YES (delete as appropriate) (If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red): | | |
| | <p>Every manoeuvre starts with the mark of 10 points and will be downgraded for each defect during the execution of the manoeuvre in one or multiple 0.5 point steps, depending on the severity of the defect.</p> <p>The remaining points result in the mark for the manoeuvre. Each judge gives a mark for each manoeuvre during a flight. Assuming the highest mark 10 at the start of each manoeuvre, every defect is subject to downgrade of the mark in whole numbers. A high score should remain only if no substantial, severe or multiple defects are found.</p> <p>Note: A mark resulting from downgrading steps must not be upgraded again in any case, ie. because the manoeuvre contained „something nice“.</p> | | |
| | S-C Voting (prior to the Technical Meeting): | For: 12 | Against: 5 |
| | Technical Meeting Voting: | For: 10 | Against: 1 |
| | Comments (if necessary): | | |

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| Page 60 | Class: F3A | | |
| | 14.8.t) Annex 5B.5. Downgrading System for Judging Manoeuvres | Submitted by: | France |
| | 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: 10 |
| | Technical Meeting Voting: | For: 2 | Against: 9 |
| | Comments (if necessary): | | |

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| Page 60 | Class: F3A | | |
| | 14.8.u) Annex 5B.8.2-11 Geometrical Accuracy of the Manoeuvre | Submitted by: | S/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: 12 | Against: 5 |
| | Technical Meeting Voting: | For: 11 | Against: 0 |
| | Comments (if necessary): | | |

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| Page 60 | Class: F3A | | |
| | 14.8.v) Annex 5B.8.4. Loops | Submitted by: | USA |
| | 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: 10 | Against: 6 |
| | Technical Meeting Voting: | For: 6 | Against: 4 |
| | Comments (if necessary): | | |

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| Page 61 | Class: F3A | | |
| | 14.8.w) Annex 5B.8.5. Rolls | Submitted by: | USA |
| | Amended at the Technical Meeting? YES (delete as appropriate) (If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red): If there are roll combinations with relevant roll directions, in the manoeuvre description of a roll combination the roll direction is not specified will state if rolls go in opposite directions. If the description does not state opposite roll directions, then the rolls must go in the same direction. | | |
| | S-C Voting (prior to the Technical Meeting): | For: 15 | Against: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 |
| | Comments (if necessary): | | |

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| Page 61 | Class: F3A | | |
| | 14.8.x) Annex 5B.8.11. Stall-Turns | Submitted by: | S/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: 12 | Against: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 |
| | Comments (if necessary): | | |

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| Page 61 | Class: F3A | | |
| | 14.8.y) Annex 5B.13 Examples | Submitted by: | S/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: 12 | Against: 5 |
| | Technical Meeting Voting: | For: 11 | Against: 0 |
| | Comments (if necessary): | | |

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| Page 61 | Class: F3A | | |
| | 14.8.z) Annex 5N.3 Contests | Submitted by: | S/C |
| | Amended at the Technical Meeting? YES (delete as appropriate) (If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red): e) rounds scheduled have to be flown must be published in Bulletins and all rounds completed have to count for the only one overall result of each World Cup competition". | | |
| | S-C Voting (prior to the Technical Meeting): | For: 14 | Against: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 |
| | Comments (if necessary): | | |

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| Page 62 | Class: F3A | | |
| | 14.8.aa) Annex 5N.4 Points Allocation | Submitted by: | S/C |
| | Amended at the Technical Meeting? YES (delete as appropriate) (If "yes" then, type in the amended proposal with deletions as strikethrough and new text in bold underlined red): The World Cup points to be allocated to competitors according to their placing in the results will depend on the number (N) of competitors who have completed at least one flight in the event with a normalised result of minimum 750.00 points. They Points are allocated to competitors who have completed at least one flight in the event, according to their placing in the results, as given in the following tables. | | |
| | S-C Voting (prior to the Technical Meeting): | For: 14 | Against: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 |
| | Comments (if necessary): | | |

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| Page 62 | Class: F3P | |
| | 14.8.ab) Schedule F3P-AFM | Submitted by: Poland |
| | 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: 10 Against: 5 Abstain: 0 |
| | Technical Meeting Voting: | For: 2 Against: 10 Abstain: 0 |
| | Comments (if necessary): | |

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| Page 63 | Class: F3P | |
| | 14.8.ac) 5.9.11. Organisation for R/C Indoor Aerobatic Contests | Submitted by: S/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: 15 Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 12 Against: 0 Abstain: 0 |
| | Comments (if necessary): | |

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| Page 63 | Class: F3P | |
| | 14.8.ad) 5.9.13. Schedule of Manoeuvres | Submitted by: S/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: 11 Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 12 Against: 0 Abstain: 0 |
| | Comments (if necessary): to be withdrawn in case of Schedules proposed thru Bureau Proposal | |

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| Page 63 | Class: F3P | |
| | 14.8.ae) Annex 5M Description of Manoeuvres | Submitted by: S/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: 11 Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 12 Against: 0 Abstain: 0 |
| | Comments (if necessary): to be withdrawn in case of Schedules proposed thru Bureau Proposal | |

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| Page 63 | Class: F3M | |
| | 14.8.af) 5.10.14.b) Sequences of Figures | Submitted by: Bureau |
| | 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: 15 Against: 0 Abstain: 1 |
| | Technical Meeting Voting: | For: 10 Against: 0 Abstain: 2 |
| | Comments (if necessary): | |

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| Page 64 | Class: F3M | |
| | 14.8.ag) 5.10.14.b) Sequences of Figures | Submitted by: Bureau |
| | 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: 15 Against: 0 Abstain: 1 |
| | Technical Meeting Voting: | For: 10 Against: 0 Abstain: 2 |
| | Comments (if necessary): | |

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| Page 64 | Class: F3M | |
| | 14.8.ah) Annex 5L F3M Known Sequences | Submitted by: Bureau |
| | 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: 15 Against: 0 Abstain: 1 |
| | Technical Meeting Voting: | For: 10 Against: 0 Abstain: 2 |
| | Comments (if necessary): | |

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| Page 64 | Class: F3M | | |
| | 14.8.ai) F3M R/C Large Aerobatic Aircraft | Submitted by: | Bureau |
| | 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: 15 | Against: 0 Abstain: 1 |
| | Technical Meeting Voting: | For: 10 | Against: 0 Abstain: 2 |
| | Comments (if necessary): | | |

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| Page 64 | Class: F3S | | |
| | 14.8.aj) 5.12.13 Schedule of Manoeuvres | Submitted by: | S/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: 11 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 1 |
| | Comments (if necessary): to be withdrawn in case of Schedules proposed thru Bureau Proposal | | |

MINUTES – OTHER ITEMS

F3P Manoeuvre Schedules AA-19, AP-19, AF-19 as developed in February 2017 by competition pilots and proposed by the CIAM-Bureau.

The Subcommittee voted on March 19, 2017

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| Page | Class: F3P | | |
| | 5.12.13 Schedule of Manoeuvres | Submitted by: | Bureau |
| | 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: 15/14/15 | Against: 0 Abstain: 0 |
| | Technical Meeting Voting: | For: 11 | Against: 0 Abstain: 1 |
| | Comments (if necessary): | | |