

*MODEL AERONAUTICAL ASSOCIATION
of AUSTRALIA Inc.*



AUSTRALIAN OFFICIAL RULES

- Section 8
- R/C Aerobatics Rules
 - Selection for F3A Judges

MAAA Official R/C Aerobatics Rules 2010

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ANNEX A. R/C AEROBATICS RULES.

1. Grades of Competition.

The grades of competition are:

FAI-F3A
Expert
Advanced
Sportsman

- 1(a) FAI-F3A will fly the F3A schedule of manoeuvres as gazetted by the FAI.
Expert will fly the Expert schedule of manoeuvres as gazetted by the APA.
Advanced will fly the Advanced schedule of manoeuvres as gazetted by the APA.
Sportsman class will fly a manoeuvre schedule as gazetted by the APA and suitable for an introduction to Radio Control Aerobatics, as developed by the APA.

Note: Australian schedules for Advanced and Expert will change every four years to coincide with the FAI-F3A Schedules.

2. Calculation of Percentage Scores.

All percentage scores will be based on the competitor score as computed in accordance with the competition rules. At least three flights must be achieved and two must be used to calculate the final result.

Each competitor's un-normalised score from each counting normalised flight will be added and the sum divided by the number of counting scores used to determine the competition result. This will provide a single average including any fly-off counting scores. (Refer example below.)

All promotional scores will be calculated against the National Average.

All competitors at a competition will be awarded a percentage based on the relationship of their normalised score (see calculation of percentage scores earlier in this section) to the National Average.

Note: Some of the top FAI-F3A fliers may gain a promotional percentage score greater than 100% if their raw scores used to calculate the promotional score is greater than the National Average.

Example

	R1	R2	R3	R4
Masters raw score	465	460	466	478
Score Normalised	987	1000	967	1000

Note: Raw score of 466 is higher than R1 raw score of 465 but the normalised score is not. It is the raw scores from the counting normalised flights that must be used. (R3 dropped as lowest raw score)

R1	465
R2	460
R4	478
Total	1403

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Total normalised score (1403) divided by 3 = 467.67

This score is then calculated as a percentage of the National average to arrive at a Promotional Score, i.e.

Example: Competitors average score, $467.66 \times 100 \div 500$ (national average) = 93.53

Example: National Average = 500 (as calculated for that year)

3. National Average.

This score will be published by the APA Inc, web site www.australianpatternassociation.com.au, and the MAAA and will be valid from the 1st of January each year.

It will be calculated by averaging all winning F3A–FAI counting flight scores from over all states as recorded by the APA Contest Director each year.

4. Competitors Promotion to a Higher Class.

Promotional percentages can be obtained at National and State Championships and at promulgated events. Additional events may be included with the approval of a State Association and the MAAA.

Note: Promulgated events are those events listed in State competition and APA calendars.

Each competitor will be given a proportional percentage score based on his percentage of the 100% score.

Promotion to Advanced and Expert class is achieved by obtaining three promotional percentages for the higher class in any twelve-month period.

Promotion from Expert to FAI–F3A class is achieved by obtaining three promotional percentages for the higher class in any twelve month period.

Promotion to Masters Status is achieved by obtaining three promotional percentages from FAI-F3A class in any twelve-month period.

At least one of these promotional percentages must be achieved at a competition where two or more FAI-F3A competitors compete.

5. Relegation.

Masters ranked flyers must obtain at least one promotional score in a rolling twelve-month period to retain Masters Status. If relegated then three promotional scores in that class must be obtained in FAI-F3A to regain Masters Status.

Inactive Competitors.

When a competitor in Sportsman, Advanced and Expert has not competed for over twelve months, then that competitor will enter at his or her existing class.

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6. Flying Out of Class.

With the exception of FAI-F3A competing with Expert when a separate FAI-F3A competition is not conducted, no competitor may compete in a lower class.

A competitor may compete in a higher class when his class is not being flown or when attempting to gain a team place. The FAI-F3A Schedules will be flown in the event.

Note: Promotion points cannot be achieved if a competitor flies in a higher class with a higher K-factor.

7. Entry into the Grading System.

Competitors entering Radio Control Aerobatics for the first time should enter at the Sportsman level.

Competitors may enter any class below FAI-F3A but must then remain in that class until relegated or promoted.

8. Organisation of Sportsman and Advanced Competitions.

Sportsman and Advanced competitions will be conducted in accordance with the current class F3A Australian rules.

Noise Testing. Ground noise testing will be conducted at all team trials.

Positioning of Manoeuvres. Manoeuvres shall be positioned as for the FAI-F3A schedule except that any free turnaround between manoeuvres made outside the box markers shall not be penalised.

Schedules flown in Australia from 1st January each year include Sportsman, Advanced, Expert and FAI-F3A. Schedules will remain in force for two years and will change every four years in line with the FAI-FAI schedules.

9. Schedules for Sportsman, Advanced, Expert & FAI-F3A can be found on the APA Inc. web site: www.australianpatternassociation.com.au

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Annex B: AUSTRALIAN INTERNATIONAL JUDGES CRITERIA, FAI-F3A

1. Eligibility for Nomination as an FAI-F3A International Judge.

To be eligible for recommendation by the MAAA for inclusion onto the CIAM/FAI judges register, the APA shall recommend applicants to the MAAA; the applicants must agree and comply with the following criteria:

1. Maintain a logbook of his or her judging duties at F3A competitions. The logbook should be signed by the contest director of the event at the end of each competition.
2. Have submitted his or her resume and FAI-F3A judging experience to the APA committee for consideration.
3. Have attended an FAI-F3A judging seminar hosted by the MAAA, State Association or the APA.
4. Successfully completed the FAI-F3A judging questionnaire obtained at a judging seminar.
5. Have judged aerobatics (FAI-F3A, Expert, Advance or Sportsman class) for a minimum of three years.
6. Judged FAI-F3A class or Australian domestic Expert for at least five or more pattern events during the previous two years of which two at least be from the following:
 - a) an official Team Trial
 - b) an Australian National Championships
 - c) an Australian Masters
 - d) an APA Championship
 - e) a State Championship sanctioned by the relevant State Association
 - f) a National Championship of a country other than Australia at which there were more than ten FAI-F3A class competitors
7. Demonstrate a thorough understanding of the F3A judges' guide and Sporting Code (annex 5b of section of volume F3A – R.C. Aerobatics of the FAI sporting code IV)
8. Be willing to travel Internationally incurring out of pocket expenses. Note: An organising committee of World or Continental Championships provides Airfares, accommodation and meal allowances.

2. Nomination of International Judges.

1. The Australian Pattern Association will maintain a register of judges who will be ordered alphabetically by surname.
2. A nominated Australian judge will be required to conform to the following:
 - a) Should an FAI-F3A judge become inactive for a period of two years, then he or she will be deleted from the APA register and the MAAA notified.
3. The current list of Australian FAI-F3A judges will be published from time to time in the APA newsletter or through MAAA official information.
4. Names to be nominated to the CIAM-FAI register will be made after the 15th January but before the 15th March each year. Judges on the list, if accepted at the Plenary meeting in March each year, are eligible to be included in the list of judges to judge at World or Continental Championships the following year.