



MODEL AIRCRAFT ASSOCIATION OF AUSTRALIA Inc.
62nd. AUSTRALIAN CHAMPIONSHIPS
ALBURY
28th DEC. 2008 – 3rd JAN. 2009

HALF A COMBAT

4.1. General

FAI (F2D) combat rules apply unless specifically changed by these rules.

4.2. Combat Site

A combat site must consist of 2 concentric circles which shall be marked out on grass.

4.2.1. The flight circle: Radius 18 meters

4.2.2. The center circle: Radius 3 meters

4.3. Characteristics of a 1/2 A Combat model

4.3.1. Maximum Engine capacity: 1.76 cc

4.3.2. Model design is unrestricted

4.3.3. Fuel system shall be suction feed or muffler pressure only. No crankcase pressure, bladders or pacifiers are permitted.

4.3.4. Fuel for Glow and Diesel engines is unrestricted

4.3.5. Any venturi diameter can be used

4.3.6. Mufflers are optional

4.4. Control Systems

4.4.1. Line Length: The length of the control lines must be 12.8 ± 0.04 m The length is measured from the face of the grip on the control handle to the centre line of the

model.

4.4.2. Control lines: two multi-strand control line wires of a minimum diameter of 0.3mm must be used.

4.4.3. Line test: Before each bout a pull test of 20g shall be applied for 5 seconds to the model/line combination.

4.4.4. Handle tether: The FAI handle tether is not required for 1/2 A combat.

4.4.5. The FAI Engine tether is not required for 1/2A combat.

4.5. Number of Models

4.5.1. Only one combat model and set of lines is permitted per combat bout.

4.6. Conduct of Combat Bouts

4.6.1. Warm-up period: A 60 second warm-up period shall be used.

4.6.2. Contest period: Immediately after the 60 second preparation, the signal to launch models will be given. The combat bout lasts for 4 minutes from the signal to launch.

4.6.3. The bout will be started after each model has completed 2 level laps and are separated by approximately half a lap.

4.7. **Method of Scoring**

4.7.1. 100 points awarded for each cut taken on the opponent's streamer.

4.7.2. 1 point awarded for each second the model remains in the air.

4.7.3. Ground time will not be penalized.

4.8. **Safety**

4.8.1. Mechanics must wear a safety helmet fitted with a chin strap worn under the chin.

4.8.2. Pilots leaving the circle during the combat bout must also wear a safety helmet.

4.8.3. Releasing the control handle while the model is airborne will lead to disqualification.