

## MFNZ Vintage R/C Tomboy International Postal and Leader Board Competition 2015

The SIG Committee announces that the two Postal competitions for R/C IC and E Tomboys will continue to run in 2015. These rules will also be used in the NNI Vintage contest series.

The prize for the highest score in each class during the year is NZ\$50. Entry is free and open to any member of MFNZ or any modeller who is a member of a recognised club in a foreign country. Scores from the NNI series are entered automatically. All scores will be posted to the Leader Boards that are published in each issue of AVANZ News.

In response to requested comments received from people who have flown the event in the past, two changes have been made in the rules. The E Tomboy motor battery is now a 180 mah 2 cell LiPo. The flight score for both IC and E Tomboy is now the sum of the best two flights from the three that can be flown

The rules for 2015 are as follows:

### **Purpose**

To enjoy RC flying (IC and electric) of the Vic Smeed Tomboy in a competition that runs for a full year.

### **Model**

- The model is an unscaled Smeed Tomboy, as published by APS, with 36 inch span wing and small-span tailplane. The model is correct in outline.
- Airfoil sections and dihedral are unchanged.
- Wheel diameter is not reduced and wheels are not of profile or streamlined.
- The fin and tailplane are modified to accept control surfaces within the spirit of the original design. The elevator is included within the tailplane outline.
- The wing has one spar in the location shown on the plan. This spar may be strengthened and increased in depth, provided that it does not touch the upper covering surface.
- Structural material sizes are not smaller than specified. Structure may be strengthened.
- Any type of covering material is allowed.
- The propeller is fixed pitch and has two blades.
- Rudder control is required and elevator control is optional. Motor speed control or fuel cut-off is optional.
- The contestant need not be the builder of the model.

### **Classes**

There are two separate classes:

#### **Tomboy IC**

Eligible motors are up to 1cc (0.61 cu. In.) nominal capacity. Maximum fuel tank size is 3cc. The fuel tank is either integral or a separate commercially-available unit.

#### **Tomboy E:**

Any electric motor with direct drive is permitted. The motor battery is a 2 cell LiPo with maximum capacity 180 mah. The motor is not restarted after it stops.

### **Scoring**

The score is the sum of the two best flights (in seconds) from the possible three that can be flown.

**Launching**

The model may ROG or be hand launched by either the contestant or an assistant.

**Timing**

Timing is undertaken by a timekeeper/witness and starts when the model becomes airborne. The flight ends when the model lands. The flight time is rounded down to the nearest whole second.

**Submission of Scores**

Scores attained in contests run by the MFNZ Vintage SIG are submitted automatically. All other scores must be submitted by email to the address given below. A contestant may submit unlimited improved scores throughout the year.

The list of scores currently recorded are published in the Leader Boards section of each issue of AVANZ News, or may be obtained at any time by email request to Wayne Cartwright at [wcartwright@vodafone.co.nz](mailto:wcartwright@vodafone.co.nz).