

MFNZ Vintage SIG Tomboy Postal Competition 2013

This competition was a success in 2012 and interest in Tomboy flying is building up, so the SIG is pleased to announce that it will run again in 2013. The prize for each class (\$50) will continue and all competitors will receive a certificate for taking part.

As a reminder, the rules follow. It is emphasised that this event is for original-design 36 inch Tomboys – the recent version with extra wing spars and 44 inch span are not eligible.

Purpose: To enjoy RC flying (IC and electric) of the Vic Smeed Tomboy in a competition that runs for a full year, with flight times published in the Leader Boards section of each issue of AVANZ News.

Model: Unscaled Smeed Tomboy, as published by APS, with 36 inch span wing and small-span tailplane. The elevator is included within the tailplane outline. The model is correct in outline, without enlargement. No airfoil change is permitted and dihedral is unchanged. Wheels have diameter no less than specified and are not of streamlined type.

The structure of the fin and tailplane is modified to accept control surfaces, within the spirit of the original design.

The wing has one spar, which is on the bottom surface as shown on the plan. This spar may be strengthened and increased in depth, provided that it does not touch the upper covering surface. The overall model structure may be strengthened but material sizes may be no smaller than specified. Any type of covering material is acceptable.

The propeller is fixed pitch and has two blades.

The contestant need not be the builder of the model.

Classes: There are two classes

IC Class: 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 (such as from Owen Engines, Australia).

Electric Class: Any electric motor with direct drive is permitted. The motor runs continuously until stopped. The maximum motor battery capacity is either 360 mah 2 cell LiPo or 360 mah 6 cell NiMh (or NiCad).

Controls: Rudder control is required and elevator control is allowed. Motor speed control or fuel cut-off are optional.

Flying: Flying takes place within the 12 month period starting December 1st and ending November 30th.

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

Timing is undertaken by a timekeeper/witness and starts when the model is released. The flight ends when the model lands, hits a fixed obstacle or disappears completely from sight.

Flight timing cannot be resumed if the model reappears. The flight time is rounded down to the nearest whole second.

There is no maximum flight time.

Flight times are submitted, as indicated on the entry form, within one month of each flight.

A contestant may submit further flight times through the year if they exceed the previous best time submitted by that contestant. The current best flight recorded for each contestant will be published in the Leader Boards section of each issue of AVANZ News. The best time at the end of each calendar year is the winner for that year.

ENTRY FORM:

Pilot/competitor: _____

Postal Address: _____

Witnessing Timekeeper: _____

Date of flight: ___/___/_____ Flight time: ___ min ___ sec

Field Location: _____

Model details: Covering type _____

Power plant: (Tick box) *IC motor* *Electric*

Engine/motor type: _____

A photo of the model would be appreciated with entry form.

Submit flight times to: Allen Teal, 18 Cameron Street, Papakura 2110 or email to:
allen@tealcare.org