

# ROTORUA MODEL AIRCRAFT CLUB (INC)

OCTOBER 2024 NEWSLETTER

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AOTEAROA  
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Rotorua Trust

MŌ TĀTAU KATOĀ



## Welcome to the October 2024 newsletter

We had had some good flying conditions over the last month but apart from a couple of occasions the numbers have been down Where is everyone? Today was another when the weather forecast wasn't the best but by 10.30 it was almost dead calm until we packed up at 1.30



**Some of the models flying this morning**

### **Another Wings Achieved**

Congratulations to Dylan on passing his basic power wings test last month. Well done Dylan! He's now starting to get stuck into some basic aerobatics and doing lots of flying

### **The next Italian Tomboy International**

We have just received confirmation that the Italian International postal event is on again this year. After our success last year lets see if we can do even better this year. You can make as many flights as you like before 1 July 2025 and submit the best time.

## **Vintage and Classic weekend November 16 & 17**

Our vintage and classic Rally is not to far away now. Two more Hummingbirds are underway for the Hummingbird 1/2A Texaco event.

This affair is for Classic (pre 1975) and Vintage (pre 1950) Models.

On a rare fine calm day recently Tim dragged out his 20+ year old Hummingbird and got it in the air. It looks like its going to be another fun machine.



**TIM Prepares His Hummingbird for another flight**

# **L'AQUILONE SAM 2001**

## **TOMBOY INTERNATIONAL POSTAL CONTEST**

### **01/07/2034 - 30/06/2025**

We wish to present this competition to all the lovers of this nice model with the only aim of having fun in a postal contest which is organized to provide some fun flying together or at the same time as are all postal contests. The Tomboy Rally wants to prove the performance of this model alongwith the ability of the builder and pilot, without reaching the peak agonism of usual contests and only wishing to fly the model having fun in a relaxed manner. After having carried out some tests we have decided to admit the use of i.c. engines and electric motors trying to reduce the gap between them.

#### **Model**

- The **36" or 44"** wing span (as per plan Aeromodeller) and **48"** (as per Boddington plan or 36 " scaledup) models are admitted:

- - Models may be fitted with floats as per plan (scaled-up for 48" version);
- - no minimum weight;
- - reinforcement or lightening of the structure with respect of the basic outline of the original model are admitted;
- - materials to be used are those found on the plan;
- - plastic covering in place of tissue, silk or other is admitted.
- - More than one person can use same model;
- - Same model can flight in L.G. or float version;
- - Lone fliers can self launch an time

#### **Engine/motors**

I.c. engines and electric motors are admitted within the following limits:

#### **36"-44" WINGSPAN**

I.C. Engines:

- Any engine with 1 cc. maximum displacement;
- Fuel tank : 3 cc.
- R/C carburettor is admitted.

Electric Motors:

- Any electric motor is admitted with direct drive
- The engine cannot be stopped and started again: the motor must run continually without interruptions till the end of the battery charge or competitor's decision;
- no folding prop is admitted; if a folding prop is used the blades must be held open with a rubber band;
- freely assembled admitted batteries:
- **-500 Mah 2 cell LiPo**
- separated batteries pack for Rx alimentation is allowed

## **48" WNGSPAN**

### **I.C. Engines:**

- **Any engine with 2, 5 cc. maximum displacement;**
- **Fuel tank : 6 cc.**
- R/C carburettor is admitted.

### **Electric Motors:**

- Any electric motor is admitted with direct drive
- The engine cannot be stopped and started again: the motor must run continually without interruptions till the end of the battery charge or competitor's decision;
- no folding prop is admitted; if a folding prop is used the blades must be held open with a rubber band;
- freely assembled admitted batteries:
- -500 Mah 3 cell LiPo
- separated batteries pack for Rx alimentation is allowed

### **Flights and results**

- Each competitor may fly as many flights as wished during the admitted period but only the best flight will be considered for the final result.
- Hand launches are admitted.
- The flight time start when the model is released or takes off. The flight time ends when the model lands or hits a fixed obstacle. In case the model flies out of sight the timekeeper will time for 10 seconds after losing sight of the model . Timing will continue if model is seen again or stopped after 10" deducting this time from the total time of the flight.

### **Awards :**

A diploma for all competitors and prizes for the first three in each version rank. Special prize for best flight in float version.

### **Results**

Results, address, photos and technical specification about model must be forwarded to the Organization within **the 15<sup>th</sup> July 2025** to Curzio Santoni ([cusanton@tin.it](mailto:cusanton@tin.it)).  
. Many pleasant flights and happy landings to ALL !!!!

### **SPECIAL PRIZE VIC SMEED**

SAM 2001 have scheduled an extra Diploma that will be awarded to the best flight in Tomboy floatplane version (36",44" or 48") taking off from water. The Editor will send to the winner a Diploma signed By SAM 2001 President and a bottle of special Italian Wine to drink to Vic Smeed!  
Good ROW and flighth

### **SPECIAL PRIZE DAVID BECKER**

The 2012 was the 5<sup>o</sup> edition of SAM 2001 Tomboy Rally and we have scheduled a special prize for the three best flights obtained with 36" Tomboy F/F. Only engines diesel max 0.75 c.c. shall be used. The other rules are the same for 36" or 44" wingspan type. It is possible to use a R/C Tomboy, however, being this a free-flight contest, the time must be stopped when transmitter is used, since the aircraft model should fly freely from any control from the ground.  
Good thermals

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## The Presidents Bit

Well, I would not be surprised if some of our members are considering building float planes, the way the weather has been lately. The plus side is that ground conditions have been that soggy that even the rabbits have been staying under cover, plus the kerosene spray seems to be deterring them off re-digging holes.

My Hummingbird project is coming along OK, although with recent school holiday grandchild minding, progress has slowed somewhat. Everything was progressing to plan, until at one stage I picked up the starboard wing “skeleton” ( which had all been nicely “CA” spot glued) and promptly dropped it on the floor. The whole structure instantly collapsed like a pack of cards, although no individual bits were broken, the whole thing was! Only one word came into my mind, you can imagine.

With this project I am hunting for a Cox .049 Baby Bee engine. If anyone has a spare one to sell, my contact is 027 7848773.



## Random Stuff

I thought this was an interesting table on the comparison of glow plug types



Os Max Engines for Flight Con...

Carlos Charles · 2h · 🧑

OS ENGINES - GLOW PLUGS - THERMAL SCALE  
ALWAYS VERY USEFUL!... See more

# Glow Plugs



### Tough Enough to Take the Heat™

Getting the best engine performance means choosing the right glow plug, which depends on a number of different factors — the engine type, air-fuel mix, nitro percentage, and even air temperature.

What's more, the right glow plug will change as conditions change. Keeping a range of glow plugs on hand will help you fine-tune glow heat and enjoy maximum performance under all conditions.

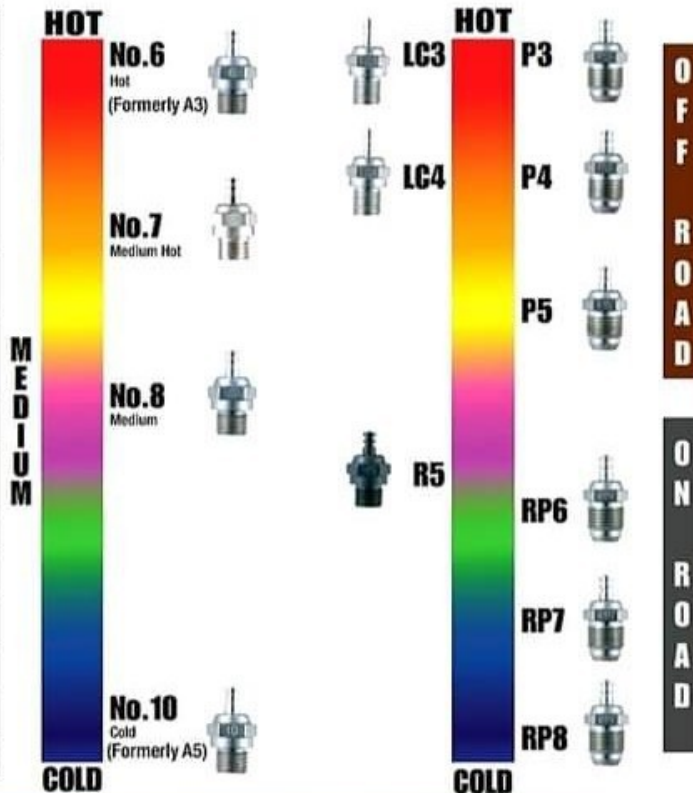
Generally, hot plugs provide better idle and acceleration than cold plugs. Cold plugs will produce more power but may idle more roughly and be harder to tune.

Especially designed for 4-stroke engines



Type F

#6	Hot	(OSMG2690)	A long-lasting plug for most .10-.60 2-strokes
P-3	Ultra Hot	(OSMG2699)	For 21VZ-B V-Spec and most .18-.28 off-road racing Turbo head engines
P-4	Super Hot	(OSMG2697)	For 21VZ-B V-Spec and most .18-.28 off-road racing Turbo head engines
P-5	Very Hot	(OSMG2711)	For 21VZ-B V-Spec and most .18-.28 off-road racing Turbo head engines, especially when the temperature is high or for leaner needle settings and high-nitro/high-rpm running
LC3	Hot	(OSMG2700)	Long reach, for 1/10 scale off-road engines such as O.S. 21TMs and Traxxas® TRX2.5 & 3.3™ engines
#7	Medium Hot	(OSMG2713)	For 2-stroke airplane, helicopter and car (except Turbo head) engines. Offers stable idling, broad peak needle settings and punchy throttle response
RP6	Medium	(OSMG2703)	For most .12-.21 on-road racing Turbo head engines
LC4	Medium	(OSMG2708)	Long reach, for 1/10 scale off-road engines such as O.S. 21TMs and the Traxxas TRX2.5 & 3.3™ engines
#8	Medium	(OSMG2691)	A favorite for most 2-stroke engines
RP7	Cold	(OSMG2704)	For most .12-.21 on-road racing Turbo head engines
P-8	Cold	(OSMG2698)	Outlast the hottest heats with Turbo head engines
#10	Cold	(OSMG2693)	Ideal for aircraft engines .60-size and up
R5	Cold	(OSMG2694)	For leaner needle settings and high-nitro/high-rpm scale racing
F	4-Stroke	(OSMG2692)	Long reach and long life for 4-stroke engines



COX FIVE CYLINDER  
RADIAL .25 MODEL  
AIRPLANE ENGINE  
VINTAGE 5 .049 GEARED  
MOTOR



*A Cox motor but maybe not quite the one I'm after !?*

*Cheers,  
Dave Little  
President.*



## FOR SALE

The Club has a number of small items for sale like hinges and other small items. Contact any Committee member for details.

### Beginners model for sale

#### Arising Star

- Complete with servos and ASP 46
- Test flown and ready to fly just requires a receiver and battery pack.
- Another good beginners model.
- Has had a bit of use but has plenty of life left



If you are interested in this model we can arrange a buddy box trial flight.

**Contact John on 020 4118 5597**

## **COMING EVENTS**

Oct

12 &13th Scale Aerobatics at Galatea

18 &19 MANZ at Matamata

Nov

2 Warbirds at Matamata

10th Combat at Tauranga

16th &17 Rotorua Vintage and Classic Rally

NDC Vintage R/C Duration & Precision

**MATAMATA-PIAKO MAC**

**SATURDAY  
2ND NOV 2024**



**WARBIRDS OVER WAHAROA**

Briefing 9:30am - Contact Mike Briggs 027 289 1350 for more info  
BBQ Lunch with Fresh Buns - Wings Badge required - Join us for a day of Warbirding !!



## Future Event

## Rotorua Vintage and Classic Weekend

16<sup>th</sup> / 17<sup>th</sup> Nov 2024



Preparations are underway for this new event on the flying calendar at a venue not previously used.

Take a mini-break over the weekend of 16<sup>th</sup> and 17<sup>th</sup> November to fly Vintage and to explore the Rotorua thermal area.

Non-competition with one exception, see below\*. Fly all those Vintage and Classic models that we don't usually see at competitions, as well as the regular ones.

With the interest in single channel emulation 2.4 radios, this will be an opportunity to fly these if you are already involved, or to see them flown if you are still multi-channel.

\* There will be a Special Competition for the Modelair Hummingbird :

### ***Hummingbird R/C 1/2A Texaco***

Got your Hummingbird organised? We have five starters so far - there's room for more!!

*Organiser: John Ryan  
johnrt6k@gmail.com*