

VINING & HARRALL 1998 LTD

Peter Vining
builder

25 MOYNE AVENUE • PALMERSTON NORTH
PHONE: 06-357-2880
CELLPHONE: 025-432-378

FEILDING CHAINSAW & MOWER SERVICES

Kevin Ingram
Manager

Ph: (06) 323-4144
A/Hrs: (06) 323-6848

108 Manchester Street
Feilding

Suppliers of:

Rode-on mowers
Chainsaws
Mowers

Trimmers
Forestry Equipment
Accessories

PRESIDENT'S REPORT

The annual "MANZ" event was held at our airfield on the Saturday and Sunday of Queen's Birthday weekend. Good flying weather for both days was encountered for the small group that attended. Maybe the price of fuel is hitting these guys that move around the North Island rallies.

The Club has a number of new members learning to fly. We try to have a one-on-one with these new guys and girl. To those who are learning, talk to your trainer and you may be able to fly on another day other than Sunday. Sometimes when it is busy, learning to fly with other aircraft around can be distracting.

Indoor flying is going well. Kevin has made a Channel Board to keep tabs on the various radios that are showing up with the ARF helicopters and small electric aircraft.

The Club is running a raffle for a Kyosho Cessna indoor model complete with 2.4GHz radio. The model has been donated by Galtech – many thanks Lou and Renee. Tickets are \$5.00 each and can be purchased from me (only 50 tickets). This raffle is to be drawn at Indoor flying on 14 July.

Regards,

Peter Vining
President

June 2008

The Kyosho Cessna is to be drawn on the 14th July 8:30pm at the Arena during the clubs indoor flying session. If the first ticket is drawn is not immediately presented then a further draw will take place and so on until a winning ticket is presented.

Club night 26th June at Ucol

Capt Rowland Harrison – “The NZ Army UAV Programme”

Rowland Harrison is a true “wiz kid”, who along with our own Galtech Models team, (and some other smart people in NZ) has made the use of unmanned aerial vehicle (UAV) programme both practical and valued in our armed forces. You will be very impressed when you hear and see Rowland Harrison’s presentation, now made possible since some of the programme is now unclassified. He very ably describes the performance, systems and achievements of these very smart “models”!

Or alternative if required

Club night 26th of June

A trip back in time- “Radio Control Beginnings”.

Long time members Russ Johnston and Bruce Woodfield will describe the challenge of flying single channel and reeds, and show examples of some of the gear which was “hot stuff” 40 years ago! NB- if anyone else has some old radio stuff and/or experiences to share, please bring it along to show and tell too.

Tip of the Month

Getting Extra Years from Your Transmitters Backup Battery

I was recently dismayed to get an error message on my transmitter screen which basically said “Sorry Bruce-I’ve gone flat and you’ve lost all the stuff in your model memories”! Bugger! I soon found out that there is a 3v lithium cell which maintains the memory in many of the computer TXs of recent vintage at least, if not the latest types. I duly replaced the cell in mine (a bit of a hassle) and reloaded all the settings (more of a hassle).

It was then that I learned from Merv M (who knows most things!) that had I used his habit of turning the TX on and off every few days the cell might have lasted 12 years or more.

Apparently, turning on for a moment charges a capacitor from the main TX battery which will power the memory circuitry in preference to the lithium cell.

Bruce Withell

Note: only required if your transmitter has a lithium backup battery



◆ *Cake Decorations* ◆ *Decorated Cakes*
◆ *Fundraising Pies* ◆ *Craft Supplies* ◆ *Bakery & Café*

Robert McNabb

107A Fergusson & MacArthur Street, Feilding
Phone 06-323-6765

The Rosebowl is now able to supply you with all your Aeroner supplies. We can source Futaba, Du-Bro, Sullivan, Great Planes, OS Motors and OS glowplugs, Oracover and more. We also have balsa, paint, static models and more. Please contact Derek at the Rosebowl

The Galtech Models logo is set against a blue sky background with a white contrail from a model airplane. The text "Galtech Models" is written in a bold, white, sans-serif font.

Galtech Models

28 ~ 30 Sutton Place, Palmerston North

Phone: (06) 3555 747

Email: rene@galtechmodels.com

For all you're modelling needs!



The performance mission of this aircraft is to create an aerobatic biplane capable of sustaining +8/-6 G's, a greater than 300° per/sec roll rate, while creating a better-than-one-to-one power-to-weight ratio. Target air show weight will be less than 2000lbs with thrust targeted at 3300lbs. This will be close to a 1.65:1 ratio, unheard of in any general aviation (GA) aircraft. To put it in perspective, the F/A-18 Hornet (at fighter mission weight) is 36,700lbs@32,000lbs of thrust. This is about .87:1 thrust to weight ratio performance at a cost of \$39.5 million dollars.

Being the only propeller driven aircraft with a better-than-one-to-one power-to-weight ratio, the Turbine Toucan was designed to do what no other aircraft in the world can, 3D aerobatics. And what is even more impressive, it will be the only fixed wing GA aircraft in the world that can hover (well... that's the plan and we're sticking to it)!

General Specifications:

Length: 21ft.4in	Span: (upper): 22ft.
Span: (lower): 21ft.	Total Wing Area: 150.00 sq. ft.
Wing Loading: 15.0lb/sq.ft.	Empty Weight: 1675lbs.
Rate of Climb : 9500/fpm.	Roll Rate : 350 degrees/sec.
Stall Speed : 64mph	G loading : +6/-4 routine
G loading Ultimate : +9/-7.5	Horsepower : 750shp
Propeller : 4 blade composite 100" dia.	Fuel Capacity : 94 Gal. Jet-A
Thrust : 3300lbs.	600 Mile Range w/reserves

<http://www.turbinetoucan.com/homepage/>

This months "**Members Shed**" belongs to Hamish and Graeme Loveridge.

They currently have under construction a Cessna 182 . This is a Topflight kit and has a 82" wingspan. It will be powered with a O.S.61 fourstroke engine.

The other is a Bucker Youngman 85" Bi-Plane. This is a Pilot kit and this attractive air plane will be powered with a Zenoa G26.

Both these planes are looking very well built and I'm sure our members would love to see them at our next club night "**show and tell**" and in due course out at our flying field.

The built up plane is Graemes "Diablo" which is the first prototype of the Extra's designed by Walter Extra. -----Kevin Burrows



Glider Report
2-metre Competition
Sunday 8 June

The stormy weather on the preceding Saturday meant that many members assumed that Sunday 8th June would turn out the same. In fact, Sunday provided a clear calm day. Only four members turned up with gliders, but took advantage of the exceptionally smooth air in a three-round contest.

Kevin unfortunately sustained some damage on his first flight and had to withdraw. His slight dive on to the landing spot to gain bonus points was just a little too steep and resulted in some cracks in the fuselage.

The cold air meant that there was little lift available so flight times were generally brief.

Results:

	3min. target	4min. target	5min. target	Total Points
Merv Matthews	3.01/50	2.22/50	2.02/50	593
Peter Vining	2.14/50	1.33/50	1.44/-	431
Fred Harris	1.42/-	2.23/-	1.14/-	319
Kevin Burrows	2.10/50			180

Happy gliding.

Merv

Missing

The Club training glider is missing its towhook. Would the member who borrowed it please return it S.A.P.

Aerobatic Report 25th May

Long awaited aerobatic competition was held on the 25th of May, average conditions with seven competing. Graham Job decided to give it a go while score two 10s for two perfect double rolls down wind. Trevor Baker also had a go at an aerobatic competition for the first time, but had engine trouble so he pulled out early.

Simon was flying his profile fun fly, while scoring fairly high due to experience lost points on the three turn spin.

Basic

1st	Graham Job	73
2nd	Trevor Baker	33

Sportsman

1st	Merv Matthews	115
2nd	Hamish Loveridge	114
3rd	Simon Tansley	92

IMAC Basic

1st	Jeff Winter	140
2nd	Geoff Hall	129