

Aerobat



February 2012

Issue Number 1, Volume 2

ALL ARTICLES/QUESTIONS/
COMMENTS, SEND AN EMAIL
TO:

editor.aerobat@gmail.com



AEROBAT

VOLUME 2, ISSUE 1

FEBRUARY 2011

INSIDE THIS ISSUE:

From the Editor's Desk	2
From the Presidential Suite	3
Wings Badge	4 - 6
Wind Scale	7
Old Dogs	8
Two Irishman	9
2012 Nats Photos	10 - 11
Flying Field Pics	12
Humor for Word Lovers	13
Murphy's Laws	14
Proverbs	15
Club Calendar	16
Open Day Poster	17

From the Editor's Desk...

Hello & welcome to the February edition of the 'Aerobat'. This issue is cram packed full of photos - from parks, the flying field and of course the nationals. Also in this issue is a summary of the Wings Badge program - answering any questions you may have about it.

Speaking of Wings Badges, I'm slowly working towards mine, getting lots of practice here at the flying field, a local park down in Taupo, and the nice big flying field of the Taupo model club. The grass runway there is like a bowling green, and there is nothing to hit for

miles - no hill of broken dreams!

On the back page of the magazine is a copy of the open day poster - please feel free to rip this out and stick it up somewhere or hand it out to a friend. We also need some volunteers to do the jobs listed below for the open day.

- Announcer
- Drinks wagon
- Parking wardens
- Runners
- Pound
- Observers
- Pits controller
- Next flyer board
- Information officers
- Street signs put up/take down

Anyway, that's about all for now - until next time..

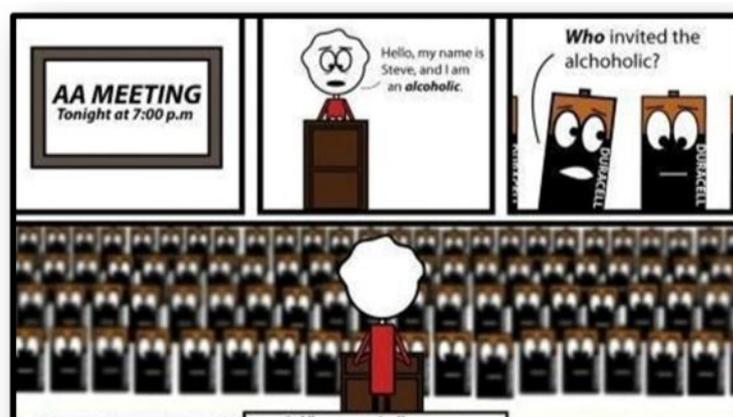


Dad launches Scott's foam HK Mustang at the local park in Taupo at dusk.

Hayden Purdy



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From the Presidential Suite

Well first and foremost I hope you all had a great Christmas and hope this year is everything you hope it will be.....

We finished last year with our first "pot luck" Xmas lunch at the flying field, this was an excellent idea and well attended and quite a feast was laid out before us, the weather however didn't come to the party. Despite the windy conditions a few of us brave/stupid ones flew, Nigel flew his wing in a fashion that suggested there was not even a breeze present but then the model has a pretty powerful set up and punched through the air with ease.

2012 brings many new challenges for me it is finally getting my wings badge sorted out. There is the new shed to be built (hopefully by the time you read this the shed will be well under way) the old lawnmower shed needs re-painting, we tried to attempt this early in January but the weather decided to intervene (again).

We have our Open Day to look forward to and I'm pleased to say that Hobby City have agreed to sponsor our show, big thanks to them.

This year we have a bright new open day poster with all new artwork and very professional and smart it looks too!! Thanks to Clintons better half Gail Ford.

So lets look forward to the new year.

Wayne Drinkwater

The Wings Badge Scheme

One topic which has raised a lot of queries through the year has been related to WINGS certification and the situation after the 1st January 2012.

Colin Kemp, the NNI Area rep and one of the authors of the Wings programme, published an article in the July MFW which described the situation pretty well. So if you field enquires after January 1st, it is good reference.

Why have a wings Badge Scheme?

To provide certification of a basic proficiency level for Radio Control model pilots enabling them to operate unsupervised. Pilots achieving the required level are entitled to wear the MFNZ 'Wings' badge.

To meet the requirements of Civil Aviation Rule 101 for flying within 4km of aerodromes.

As many club flying sites, rallies and contests are on or near aerodromes, this qualification is essential to fly at those sites. The badge provides ready proof of the minimum qualification.

Within 4km of an aerodrome trainee pilots must operate under direct supervision of a badge holder or an approved Instructor, and should not be considered safe to fly on their own until they have reached the wings standard. This procedure is also recommended for use away from aerodromes.

To ensure that all members have an understanding of safety aspects of aircraft integrity and construction

To ensure all members are able to fly with confidence and are able to recover from difficulties when flying

To ensure MFNZ insurance cover is not declined by its insurers.

Who must have a wings badge?

The Wings Badge is compulsory for:

All new members joining MFNZ after 30 June 2009 who are obliged to attain the [qualification](#).

All members who fly at sites within 4km of an aerodrome. This is to ensure compliance with CAA rule 101. **This rule has been in place since the early 1990's**

ALL members as of 1 January 2012. If the member does not have a badge by this time, they should be working towards one.

The organisers of some events and rallies are now insisting that people who fly at these events hold a wings badge.

What are the categories of wings badge?

There are 7 categories of Qualification

Basic Fixed wing powered (BP)

Large fixed wing powered, (LP)

Aerobatics (AB) : The basic Fixed wing powered test applies as a prerequisite to attaining this classification . Further requirements are as required by the Aerobatic SIG and /or as reflected in any code of practice of this SIG

Turbine / Jet (TJ): The basic fixed wing powered test applies as a prerequisite to attaining this classification. Further requirements are as required by the Turbine / Jet SIG and /or as reflected in any code of practice of this SIG

Pylon (PN): The basic fixed wing powered test applies as a prerequisite to attaining this classification. Further requirements are outlined in the Pylon flight test checklist

Glider (GD)

Helicopter (HP)

Frequently asked Questions

Do I need a wings badge if I fly within 4km of an airfield?

To ensure compliance with CAA rule 101 any **trainee** pilot flying within 4km of an aerodrome should be directly supervised by a **Wings badge holder**.

To ensure compliance with CAA rule 101 **all** pilots must fly with an **observer** when flying within 4km of an aerodrome.

If you do not have a wings badge after January 1 2012 then you must fly under the direct supervision of a wings badge holder at all times

Do I need a wings badge if I fly more than 4km from an airfield?

Yes. If you do not have a wings badge after January 1 2012 then you must fly under the direct supervision of a wings badge holder

How is my insurance cover affected if I fly without a wings badge?

MFNZ insurance provides for third party protection (e.g. a model crashes into a car or building) and cover for legal fees in the case of a criminal prosecution (e.g a model hits and injures a person).

Should you not follow the recommendations of the MFNZ wings proficiency scheme, this may mean that the insurer will use such non-compliance to decline cover under the insurance policy

What test do I have to pass to get an aerobatic wings badge? I already do aerobatics as part of my normal sport flying?

The aerobatic badge is intended as a measure of the pilot's ability to control an aircraft with different aerobatic properties than that of a self-righting trainer type aircraft. The Basic fixed wing badge tests the badge on the Horizontal plane. The aerobatic badge tests on many orientations. The Aerobatic SIG is currently developing a base level test which will form part of the MFNZ wings badges scheme.

The aerobatic SIG are also developing a tiered skill scheme (to develop the aerobatic disciplines such as IMAC and pattern) that will be administered by that SIG and is a follow on from the basic proficiency.

The Sig is developing this test and Council will advise members when it is available

What are the proficiency tests for a Turbine Model?

It is recognised that safety and model control associated with turbine models is different from that of Propeller based models (e.g spool up time , No propeller braking , fast speed).

The basic Fixed wing powered test applies as a prerequisite to attaining this classification.

The Sig is developing this test and Council will advise members when it is available

What models types are exempt?

Control Line

Free flight

What is involved in the Wings test?

There are four parts to each wings test:

Pre-flight inspection of model.

Oral Test.

Pre-flight procedures test.

Flight Test.

What if I'm learning to fly when January 1 2012 arrives?

That is fine. Students are to be under the direct supervision of a wings badge holder. The important factor is that you should be working towards the attainment of the wings badge

I have been flying for years and am a very competent flier. Why should I bother?

Great. If you are a competent flier then passing the wings badge will not be difficult for you. Remember that if you don't attain the wings badge you leave yourself exposed to the possibility of being declined insurance cover and prosecution by statutory bodies such as the police if you do not follow the recommendations of the National body.

I fly small models in parks. Do I need a wings badge for this?

Council is currently working on a policy relating to park flying and is likely to include a restriction on weight, size, power and type of model such that it minimizes the risk of injury or damage as a result of an incident for this sort of model

I'm on the committee of our club. What do we do if a member decides not to attain a wings badge?

Members are to be encouraged to gain wings badges (if not already holding a wings badge) at the earliest time.

Ultimately the attainment of a wings badge is the responsibility of an individual and the responsibility and liability of a member not attaining a wings badge is borne by that individual.

Some clubs are electing to enforce a policy of "no wings badge – No fly at our field".

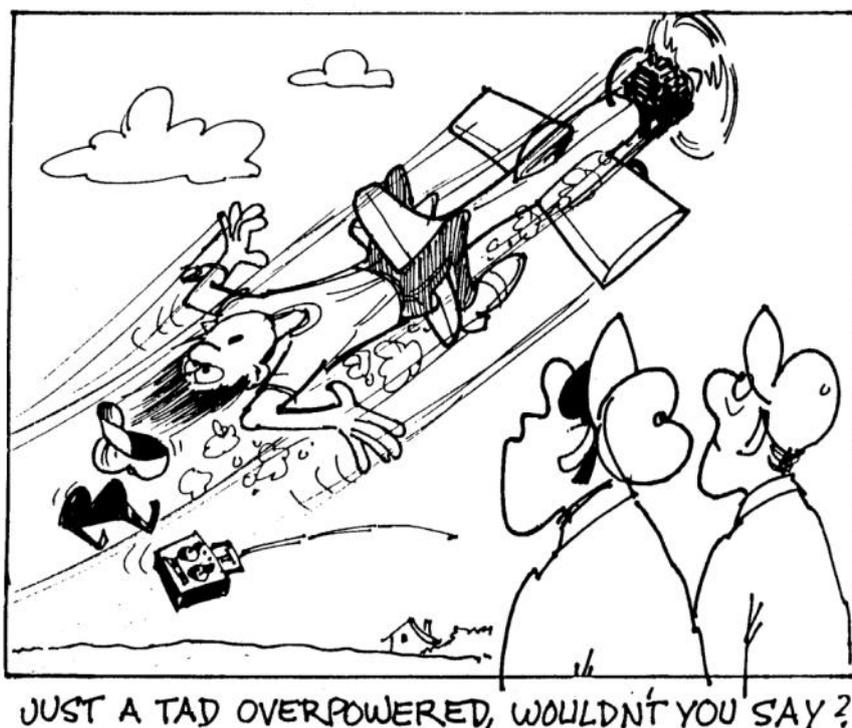
Some Clubs have established available wings badge test days on selected days of the months over the next few months?

If I fail, do I have a second chance at gaining a wings badge?

You do not have to pass a wings badge like you might a car driver's licence. You may take several weeks to show to the club instructor that you can master the flying skills or the oral test. That is fine. When the instructor is happy that you can demonstrate all that is required for the Wings Badge he will send the information off to MFNZ (NZMAA) and your Wings Badge will be awarded.

How come MFNZ have all of a sudden decided to implement this policy at short notice?

The policy was advised in 2009 when the new member's manual was released



Beaufort Wind Scale

When can we fly? A wind scale to help you find out...

Devised by British Rear-Admiral, Sir Francis Beaufort in 1805 based on observations of the effects of the wind

Beaufort number (Force)	Wind speed			Description	What sea looks like	What it looks like on land	Effects observed on land
	Km/h	mph	Kts				
0	<1	<1	<0.3	Calm	Flat	Calm Smoke rises vertically.	
1	1-5	1-3	0.3-1.5	Light air	Ripples without crests	Wind motion visible in smoke.	
2	6-11	3-7	1.5-3.3	Light breeze	Small wavelets. Crests of glassy appearance. Not breaking.	Wind felt on exposed skin. Leaves rustle.	
3	12-19	8-12	3.3-5.5	Gentle breeze	Large wavelets. Crests begin to break. Scattered whitecaps.	Leaves and mall twigs in constant motion.	
4	20-28	13-17	5.5-8	Moderate breeze	Small waves.	Dust and lose paper raised. Small branches move.	
5	29-38	18-24	8-11	Fresh breeze	Moderate (1.2 m) longer waves. Some foam and spray.	Branches of moderate size move. Small trees begin to sway.	
6	39-49	25-30	11-14	Strong breeze	Large waves with foam crests and some spray.	Branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult.	
7	50-61	31-38	14-17	High wind Moderate Gale	Sea heaps up and foam begins to break.	Whole trees in motion. Effort needed to walk against wind.	
8	We wont be flying anyway						

Old Dogs

An old German Shepherd starts chasing rabbits and before long, discovers that he's lost. Wandering about, he notices a panther heading rapidly in his direction with the intention of having lunch.

The old German Shepherd thinks, "Oh, oh! I'm in deep shit now!"

Noticing some bones on the ground close by, he immediately settles down to chew on the bones with his back to the approaching cat. Just as the panther is about to leap, the old German Shepherd exclaims loudly,

"Boy, that was one delicious panther! I wonder, if there are any more around here?"

Hearing this, the young panther halts his attack in mid-strike, a look of terror comes over him and he slinks away into the trees.

"Whew!," says the panther, "That was close! That old German Shepherd nearly had me!"

Meanwhile, a squirrel who had been watching the whole scene from a nearby tree, figures he can put this knowledge to good use and trade it for protection from the panther. So, off he goes..

The squirrel soon catches up with the panther, spills the beans and strikes a deal for himself with the panther.

The young panther is furious at being made a fool of and says, "Here, squirrel, hop on my back and see what's going to happen to that conniving canine!"

Now, the old German Shepherd sees the panther coming with the squirrel on his back and thinks, "What am I going to do now?," but instead of running, the dog sits down with his back to his attackers, pretending he hasn't seen them yet, and just when they get close enough to hear, the old German Shepherd says...

"Where's that squirrel? I sent him off an hour ago to bring me another panther!"

Moral of this story...

Don't mess with the old dogs...

Age and skill will always overcome youth and treachery!
Bull S**t and brilliance only come with age and experience.



Two Irishman Walk Into A Pet Store...

Two Irishmen walk into a pet shop in Dingle, they walk over to the bird section and Gerry says to Paddy, 'Dat's dem.'

The owner comes over and asks if he can help them.

'Yeah, we'll take four of dem dere little budgies in dat cage up dere,' says Gerry.

The owner puts the budgies in a cardboard box.

Paddy and Gerry pay for the birds, leave the shop and get into Gerry's truck to drive to the top of the Connor Pass.

At the Connor Pass, Gerry looks down at the 1000 foot drop and says, 'Dis looks like a grand place.'

He takes two birds out of the box, puts one on each shoulder and jumps off the cliff. Paddy watches as the budgies fly off and Gerry falls all the way to the bottom, killing himself stone dead.

Looking down at the remains of his best pal, Paddy shakes his head and says, 'Dis budgie jumping is too dangerous for me!'

Moment's later; Seamus arrives up at Connor Pass.

He's been to the pet shop too and walks up to the edge of the cliff carrying another cardboard box in one hand and a shotgun in the other.

'Hi, Paddy, watch dis,' Seamus says.

He takes a parrot from the box and lets him fly free. He then throws himself over the edge of the cliff with the gun. Paddy watches as half way down, Seamus takes the gun and shoots the parrot. Seamus continues to plummet down and down until he hits the bottom and breaks every bone in his body.

Paddy shakes his head and says, 'And I'm never trying dat parrot shooting either!'

Paddy is just getting over the shock of losing two friends when Sean appears. He's also been to the pet shop and is carrying a cardboard box out of which he pulls a chicken Sean then takes the chicken by its legs and hurls himself off the cliff and disappears down and down until he hits a rock and breaks his spine.

Once more Paddy shakes his head. First dere was Gerry with his budgie jumping, den Seamus parrot shooting.. And now Sean and his hen gliding!'



2012 Nationals Photos



2012 Nationals Photos - Contd.



Flying Field Pictures



Ngairé & Ross's boat race entries



Bryan & Stan Free Flight



Scott lands the new Vampire



Scott does a low pass with the new Vampire



Wayne's new LED Bee



New Bee

Humor for Word Lovers...

1. You can tune a piano, but you can't tuna fish.
2. I wondered why the cricket ball was getting bigger. Then it hit me.
3. Police were called to a day care centre where a 3-year-old was resisting a rest.
4. Did you hear about the guy whose whole left side was cut off? He's all right now.
5. To write with a broken pencil is pointless.
6. When fish are in schools, they sometimes take debate.
7. The short fortune teller who escaped from prison was a small medium at large.
8. A thief who stole a calendar got twelve months.
9. A thief fell and broke his leg in wet cement. He became a hardened criminal.
10. When the smog lifts in Los Angeles, U.C.L.A.
11. The dead batteries were given out free of charge.
12. A dentist and a manicurist fought tooth and nail.
13. A bicycle can't stand alone; it is two tired.
14. A will is a dead giveaway.
15. Time flies like an arrow; fruit flies like a banana.
16. A backward poet writes inverse.
17. In a democracy it's your vote that counts; in feudalism, it's your Count that votes.
18. A chicken crossing the road, poultry in motion.
19. If you don't pay your exorcist you can get repossessed.
20. Show me a piano falling down a mine shaft & I'll show you A-flat miner.
21. The guy who fell onto an upholstery machine was fully recovered.
22. A grenade that fell onto a kitchen floor in France resulted in Linoleum Blownapart.
23. You are stuck with your debt if you can't budge it.
24. A calendar's days are numbered.
25. A lot of money is tainted: 'Taint yours, and 'taint mine.
26. A boiled egg is hard to beat.
27. He had a photographic memory which was never developed.
28. Those who get too big for their britches will be exposed in the end.
29. When you've seen one shopping centre, you've seen a mall.
30. When she saw her first strands of grey hair, she thought she'd dye.
31. Bakers trade bread recipes on a knead to know basis.
32. Acupuncture: A jab well done.
33. Santa's helpers are subordinate clauses

Lesser Known Murphy's Laws

1. Light travels faster than sound. This is why some people appear bright until you hear them speak.
2. He who laughs last, thinks slowest.
3. Change is inevitable, except from a vending machine.
4. Those who live by the sword, get shot by those who don't.
5. Nothing is foolproof to a sufficiently talented fool.
6. The 50-50-90 rule: Anytime you have a 50-50 chance of getting something right, there's a 90% probability you'll get it wrong.
7. If you lined up all the cars in the world end to end, someone would be stupid enough to try to pass them, five or six at a time, on a hill, in fog.
8. If the shoe fits, get another one just like it.
9. The things that come to those who wait will be the things left by those who got there first.
10. Give a man a fish and he will eat for a day. Teach a man to fish and he will sit in a boat all day, drinking beer.
11. Flashlight: A metal tube used to store dead batteries.
12. The shin bone is a device for finding furniture in a dark room.
13. A fine is a tax for doing wrong. A tax is a fine for doing well.
14. When you go to Court, you are putting yourself in the hands of 12 people who weren't smart enough to get out of jury duty

Proverbs

1. A day without sunshine is like night.
 2. On the other hand, you have different fingers.
 3. 42.7% of all statistics are made up on the spot.
 4. 99% of lawyers give the rest a bad name.
 5. Remember, half the people you know are below average.
 6. He who laughs last, thinks slowest.
 7. Depression is merely anger without enthusiasm.
 8. The early bird may get the worm, but the second mouse gets the cheese in the trap.
 9. Support bacteria. They're the only culture most people have.
 10. A clear conscience is usually the sign of a bad memory.
 11. Change is inevitable, except from vending machines.
 12. If you think nobody cares, try missing a couple of payments.
 13. Light travels faster than sound.
That's why some people appear bright until you hear them speak.
 14. Okay, so what's the speed of dark?
 15. When everything is coming your way, you're in the wrong lane.
 16. Hard work pays off in the future... Laziness pays off now.
 17. How much deeper would the ocean be without sponges?
 18. Eagles may soar, but weasels don't get sucked into jet engines.
 19. What happens if you get scared half to death, twice?
 20. Why do psychics have to ask you your name?
 21. Inside every older person is a younger person wondering, 'What on earth happened?'
 22. Just remember -- if the world didn't suck, we would all fall off.
 23. How many of you believe in psychokinesis? Raise my hand.
 24. Life isn't like a box of chocolates. It's more like a jar of jalapeños. What you do today, might burn your butt tomorrow.
- And don't forget that Mark Twain once wrote, "Age is an issue of mind over matter. If you don't mind, it doesn't matter."

Club Calendar

February

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29				

March

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Day	Month	Day of Week	What?	Where?
1 st	February	Wednesday	Twilight (Rain date)	Wainui
6 th	February	Monday	Clubnight	Whangaparaoa Guide Hall
25 th	February	Saturday	HCRF Gliding Competition	Wainui
5 th	March	Monday	Clubnight	Whangaparaoa Guide Hall
11 th	March	Sunday	Open day	Wainui
28 th	March	Wednesday	Twilight	Wainui
31 st	March	Saturday	HCRF Gliding Competition	Wainui
2 nd	April	Monday	Clubnight	Whangaparaoa Guide Hall
28 th	April	Saturday	HCRF Gliding Competition	Wainui
7 th	May	Monday	A.G.M.	Whangaparaoa Guide Hall
26 th	May	Saturday	HCRF Gliding Competition	Wainui
4 th	June	Monday	Clubnight	Whangaparaoa Guide Hall
17 th	June	Sunday	Thermal Thaw	Wainui
24 th	June	Sunday	Midwinter Christmas Dinner	TBA

MODEL AIRCRAFT PUBLIC OPEN DAY SUNDAY 11 MARCH 2012

Hibiscus Coast
Radio Fliers Club

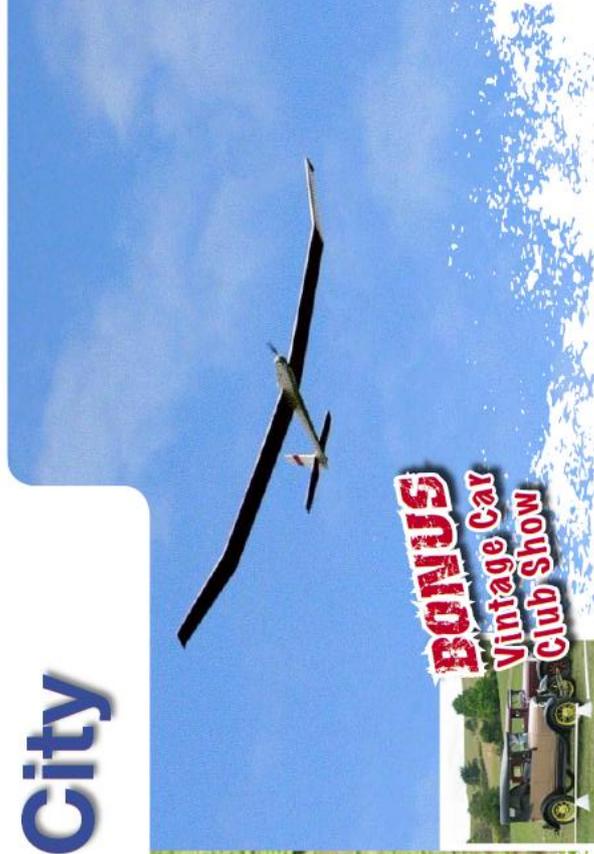
FLYING
10am - 3pm
9km down
WAINUI ROAD
from SILVERDALE
On Wainui Pony
Club Field

ADMISSION FREE (NO DOGS PLEASE)

SPONSORED BY **Hobby City**
www.hobbycity.co.nz



Plenty of parking
BBQ Sausage Sizzle
Hot and cold drinks available



Wanted Pilots with Large or Interesting Planes To Fly on Our Open Day
- Must have Wings Badge. (Contact Nigel or Wayne for details)

Contacts: Nigel Grace 09 420 3182 (Club Captain)
Wayne Drinkwater 09 426 8584 (Club President)

