

The Free Flighter Journal of the NSWFFS Inc January 2020



Gary Goodwin about to launch his F1B in the World Champs

Photo Malcolm Campbell

Minutes of General Meeting 15th November 2019

Meeting opened: 7.32 pm at Dundas Sports Club. President Terry Bond in the chair.

Present: Roy Summersby, Reg Towel, Gary Goodwin, Wally Bolliger, John Pennells, Michael Towell, Gary Pope, Phil Warren, Brett Solanov, Owen Solanov, Martin Wielecki

Apologies: Barry Lee, Bob Crane, Peter Scott, Gail Scott, Geoff Potter, Matt Hannaford, Ed Mahoney

Guests: Lyn Towell,

Minutes of previous meeting: Accepted as a true record moved by Gary Goodwin sec Mike Towell carried.

Business Arising:

Removal of rocks from the main flying field has begun. More in general business.

Correspondence out:

Newsletter,

Correspondence in:

Fly Papers (1.) Insurance at West Wyalong moved Gary Goodwin sec, Gary Pope this be paid, carried. Adrian Bryant, letter of Bob Young letter of Quotes for hardstand from Civil Independence

Treasures Report:

Moved, Phil Warren sec Brett Solanov carried

TREASURERS REPORT NSWFFS

1st July to 31st August 2019

Opening Balances

C.B.A – A/C No 229300901281	\$32,099.49
C.B.A - A/C No 233610409062	\$436.29
Opening Total	\$32,535.78

C.B.A 1– Deposits	\$8,050.00
C.B.A 2– Deposits	\$0.00
C.B.A 1- Payments	(\$8,393.38)
C.B.A – Payments	\$(240.00)

Balance as of 31/1018 C.B.A 1	\$32,117.61
Balance as of 31/1018 C.B.A 2	\$196.29
Closing Total Balance C.B.A. 1 & 2	\$32,3139

General Business:

A report was given by President Terry on Wings over West Wyalong. Super bad weather for Friday and Saturday, but came good for Sunday. Despite this a good weekend was had by all and once again the Saturday evening meal was excellent. Numbers were down as there were many regulars in the USA at the world championships. Roy who had been down at the AB field all last week gave a report on the work that has been carried out. Most of the northern side of the property has now been scraped and 36 truck loads of rocks have been removed. Roy explained this with an aerial map the areas which have been done. Also there was a lot of tidying up of the property i.e. rubbish removed, this was taken to the council tip. Roy reported on the quotes for the proposed hard stand at the AB field and stated that the diameter has to be 54 meters to comply with international standards. Gary Pope is working on a printed index of aero modeller. Reg Towell received his MAAA Hall of Fame award at St Ives on the Burford day. It was noted that next years Scale Weekend will be the Trans Tasman challenge. It was suggested that we should have our own chief flying instructor, moved Terry sec Roy that we go ahead and arrange this and pay the necessary fees, carried. The 2020 contest calendar will have some minor changes; this will be sent out before the end of the year. It was suggested that we run a Bowden competition at WOWW next year as hopefully we will have a sealed surface to improve take offs.

Meeting closed 8.30pm

Followed with Show and Tell, plus goods for sale

President	Terry Bond	0417027579
Vice President	Gary Pope	0417268478
Secretary & Newsletter Editor	Roy Summersby	0413588720
Treasurer	Gary Goodwin	0414292050
Register	Barry Lee	0402329078

Editorial January 2020

Hi Team, Despite the ravages of drought and fires I hope your Christmas and New Year have been happy and productive. It really has been a terrible time for many people. I am sure that some of our modellers are impacted and I hope that their houses and properties have been saved. I will ask if anybody knows if a modeller has been affected then perhaps, we can do something for the family.

I went to our annual Christmas New year function cum work party at the AB field West Wyalong with a few others who braved the heat, wind, dust storm, and flies. Present were Roy and Di, Peter and Gail, John and Colleen, Karen and I, Condi, Gary Goodwin, and Gary O. You can guess the surnames. A window was installed and the louvres at the rear of the house have been removed and prepared for glass. Fixed glass should keep out some of the dust as well as some of the heat. The rear door was secured properly, as in the past it has blown open in strong wind. Shelves were repaired for holding more magazines and some magazines were catalogued. I managed to chip the weeds from the proposed area for the asphalt flying circle and helped mark out the correct circle size. Asphaltting of our circle will be completed in conjunction with other jobs the company has in the area. We will be advised shortly when the crews return to work.

On the second day with Roy I did a tour of the field and inspected the areas which have been cleared of rocks. Not all rocks have been cleared but most of the imposing and threatening rocks which can and do cause model damage have been removed. An estimate of 200 tonnes (36 truckloads) has been removed from the more dangerous sites and dumped in washouts or low areas. I estimated that about 200 acres have been cleared of large rocks. Fences are in good order apart from one panel which had a broken top strand. White irrigation pipe has been placed over the barb wire every five fence panels to allow retrievers to climb over fences without slashing injuries. Improvements and additions will continue while we have the ability to do so.

After significant discussions with MAAA we have been given approval to run a national championship at West Wyalong, although a national contest it is not an MAAA nationals. Several names were suggested but the most accepted one was, 'The First West Wyalong National Championships'. There has been some discussion about the name, but it is the most accepted option. These championships will include free flight, control line, SAMs, and other radio control events. Dates for the championships are from 7-15 July 2020. The NSWFFS will hold a Trans-Tasman scale event on the weekend prior to these champs and the FF program will commence on 8 Jul to allow additional time for both competitions to be attended. A program will be published soon.

I will canvas other RC disciplines and the championships may increase in size. I will submit requests for the use of various fields in the next couple of days. Alternative ovals for combat were checked over the break and a more suitable location than Redman Oval will be requested. I would really like to know how many days we need the indoor centre and how many indoor flyers we will have. An email to me or Roy would be helpful. We will certainly have a swap night and a BBQ at the AB field.

That's about all folks, I will keep you posted as best as can over the next months. Remember free flighters keep them up longer.

President NSWFFS
Terry Bond

Next Meeting 17th January

This will be on Friday the 17th January at the Dundas Sports Club 7.30pm. Most of us get there early about 6.00pm and have a beer and meal before the serious stuff, please feel free to join us. I have booked the Dundas Sports Club for our meetings for the year 2020.

Contest Calendar

Make sure you check and use the updated contest calendar for this year, the one in this newsletter is the only one that is correct, (at this stage) earlier ones have been superseded.

Membership

At the time of writing, about 200 members of NSWFFS have renewed their fees. This is better than the MAAA average. If you haven't paid, you are NOT financial you are NOT insured and you can NOT fly at club fields. If you are one of these, please make contact with your club secretary and pay \$120 as soon as possible. If you are reading this and you are not a member of the NSWFFS but would like to be contact me, Roy Summersby roy-di132@optusnet.com.au

Free Flight Down Under

Latest issue with all the info on the world champs came out in December. It also has a lot of information regarding the AFFS champs and events that qualify for the 2021 team places. You can now get the best free flight magazine going around for just ten dollars. Yes that's right \$10 gets you a copy emailed to your home four times a year. Well worth it just for Malcolm's photos as well as keeping up with the current news on free flight.

To receive your copy of Free Flight Down Under, get in touch with their treasurer, Albert Fathers on 0451164158 or fathersplace@smartchat.net.au

Christmas Party's

First one was on Friday the 29th November. This is the early morning one where the Friday flyers provided the drinks and food.

The Sunday Christmas party was on the 8th December. A great scramble kicked the day off and was followed with a combined vintage comp with the SAMs boys. Every one had a good day except Roy; he failed to start his timer on the Swiss Miss. A full tank saw it disappear above the clouds. As the day was very calm Roy expected it to reappear and land in the field, well it did land in a field but the field it found was eleven kms away.

Friends of West Wyalong

For all of you out there that are a friend of West Wyalong it is that time of the year to rejoin. All you have to do is place \$30 in into NSWFFS bank CBA BSB-062-293 A/C -00901281 don't forget to put your name as a reference so we know where the money came from.

Friends and Support

Support seems to come in all forms, the widow that was installed in the house was donated by Atlas Windows in Canberra we thank them very much.

We have also had a new water heater donated to replace the one in the main gent's shower block which could be the culprit for the tripping of the fuse. Once again, a big thank you to the donor. (Yet to be installed)

Prior to Christmas Reg Milson had to move into a nursing home, I was given a lot of free flight modeling goods to sell with the funds going into improving the AB field property. There were some engines and kits as well as bits and pieces, over \$2000 has found its way into our bank from these sales which helps maintain and improve our asset.

Last week I received a box of goodies from Paul Rossiter in Perth, some of this is on eBay as I write this, all good dollars going to make the AB field better.

If you have a cupboard full of goodies that are no longer needed for your requirements send it to Roy he might be able to turn it into cash.

Work on the list at West Wyalong

Install glass & paint (veranda)

Install water heater

Sheet out laundry, to keep out dust, build wall, & paint

4. Veranda roof front (build hip)

Finish C/L circle (hot mix, will happen early this year)

Strip wall paper in lounge & paint

Strip wallpaper in Bed 1 & paint

Fit better light in lounge (hall)

Mystery Engine

What is it?

When was it made?

Who made it?

How many cc is it?

Should be at the meeting for show and tell.

Shop News

Klotz Oil \$25 / Litre or \$13.50 500 ml

Nitomethane \$25 / Litre

Ether \$30 / Litre

Plenty of tissue and parts for rubber models

Indoor goodies



AFFS
MULTI TRIAL SELECTION PROCESS ELIGIBLE EVENTS
2021 World Championships, France for F1A, F1B and F1C

AFFS has Approval in Principle from the MAAA to hold a Multi Trial Selection process to determine the Free Flight Team for the 2021 World Championships in F1A, F1B & F1C to be held in France.

The trial period commenced on 1 Dec 2019 and runs through to 30 Nov 2020. (As is established practice). Eligible events to be flown in Australia will include: the Australian Free Flight Society Championships, the Widgiewa Cup, the Southern Cross Cup, various State Championships, West Wyalong National Champs and one additional Trial Event in Queensland. *Please note that there will be no Western Australia Trials due to a lack of field availability.*

The Event Schedule follows:

DATE	EVENT	CLASSES	LOCATION	CONTACT	EMAIL
Apr 2-8	Widgiewa Cup	F1A,B,C	Narrandera	Phil Mitchell	filno-els@bigpond.net.au
Apr 2-8	AFFS Championships	F1A,B,C	Narrandera	Phil Mitchell	filno-els@bigpond.net.au
Apr 11-13	Southern Cross Cup	F1A,B,C	West Wyalong	Roy Summersby	roy-di132@optusnet.com.au
May 23-24		Qld State Championships		F1A,B	Dalby Mal Campbell
					actrain@ozmail.com.au
June 6-8	NSW State Championships	F1A,B,C	West Wyalong	Roy Summersby	roy-di132@optusnet.com.au
June 6-8	Vic State Championships	F1A,B,C	West Wyalong	Vin Morgan	vinmorgan2@gmail.com
July 7-15	WW National Champs	F1A,B,C	West Wyalong	Roy Summersby	roy-di132@optusnet.com.au
Sept 12&13		Qld Trials	F1A,B,C	Dalby	Mal Campbell
					actrain@ozmail.com.au

NOTES:

Contestants may include the results of one FAI listed Open International contest (flown overseas) in their scores to establish their position in the order of merit for a team place.

If there is a need to separate contestants tied for team places, additional scores (forth best, fifth best and so on) will be used to establish final order of merit. Even if more than three scores are used, only one overseas score is allowed.

The dates for extended events e.g. the Widgiewa Cup/AFFS Championships, NSW & VIC State Championships and West Wyalong National Champs are given as a block to allow minor changes to the program if adverse weather conditions occur.

THE FULL CIRCLE; My Modelling Life in a Few Words.

by Thomas Wielecki

I've always been a builder. The flying bit is secondary, and a perfectly good reason to start another project, whether the previous one flew or not. If it flew straight off the board I'd dissect the reasons and apply to the next model. But they hardly ever did fly straight off.

Oddly, my patience on the flying field expired a lot faster than at the building board which has always been the kitchen table. My father was forever irritated by balsa shavings when I lived at home. Later when I grew up and moved out into a studio apartment with my girlfriend you can imagine. Now I have a wife, two pre teen children and a dog. We live in a house. We have a big garage. I have my own office. I still build on the kitchen table.

I confess to having finished far fewer projects than I've ever had going at any one time; and inevitably having far more fluttering around in my head than I've ever started. The ones that actually did make it into the air are those lucky few that somehow managed to navigate their way through my constant interest swings and lengthy idle periods.

Balsa is central to my aero modelling. I love the way it feels and the way it can be shaped. I understand it. I know its limitations and its flaws. And the more I work with it the more I learn about it. So the comforting stick and tissue method applies in my hangar.

The design process has always been the standout chapter in the lifespan of any modelling project. More often than not this process outlives the drawing board and without fail invades the building phase where it sticks almost to the very end. Now I tend to bypass the drawing board altogether. I design as I build.

For scale models I scan a line drawing of my chosen prototype, enlarge it to whatever size suits, print out a copy and draw in the basic placement of bulkheads and ribs and spars to match as closely as practical those of the prototype. The biggest danger is the finishing and detailing process. It can have no end. I've spent days making a three centimetre Lewis gun or a coin sized rotary engine. And I've enjoyed every minute of it.

And for sport models I'd do a rough sketch to get the shape and proportions sort of OK, blow it up to size and start designing the structure as I lay the longerons and spars. Rib spacing is what looks good. Any modifications to the basic drawing are done then and there, and the rest of the blanks just fill themselves in until a model emerges from the balsa dust. If it looks right it should fly.

As much as I love taking credit for my own designs, the credit is never entirely mine. In reality it is a collection of other people's ideas modified to suit what I want "my" model to be. That's why building from someone else's plans is never as enjoyable or challenging; it kind of feels like eating someone else's meal.

As weight is always an issue, I'd rather under engineer than over. It is much easier to add an extra longeron or two than thin down what's already there. But usually my under- engineering works out way over anyway. And needless to say, it's amazing how important wood selection can be to flying weight and structural integrity.

I used to build a lot of strength into my models to make them crash proof. That made them heavier. Heavier means more mass and kinetic energy. They never flew well either. With light structures I was amazed at how they just bounced, not crumpled. And they flew so much better.

My flying field patience has improved over the past decade. Maybe it was the kids' eternal neediness that put this virtue into a totally new perspective. Rather than crushing my new model because it would porpoise after launch or wouldn't turn left I began to see flight trimming as a creative and bonding process very much part of the model's existence.

Now that I'm old and wise I have realised that your models can't be treated like slaves. There has to be a relationship, a respect towards its capabilities. If it wants to go right, let it. And if it isn't happy flying despite endless coaxing, ask for help.

Yet the biggest development over my entire modelling life has been a fairly recent return to free flight. Almost anything can be made to fly if it has radio control and a big enough power unit. The boom in cheap ARFs has put a bad taste in my mouth. They really are nothing more than expendable toys. Basic building skills and understanding of why a plane flies are not necessary any more.

That is precisely why I have embraced free flight all over again: because of my new appreciation for the basics of model flight which in reality demands much more skill and knowledge in the flight trimming process. The greatest reward is the satisfaction you get from making a pile of sticks fly.

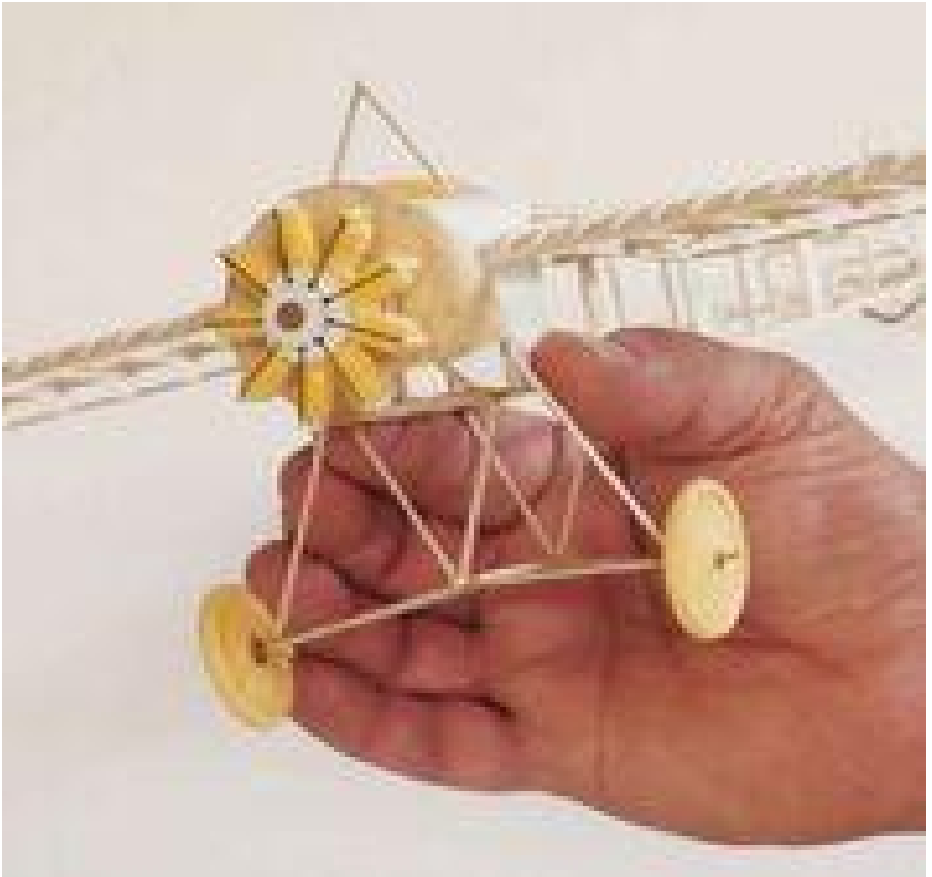
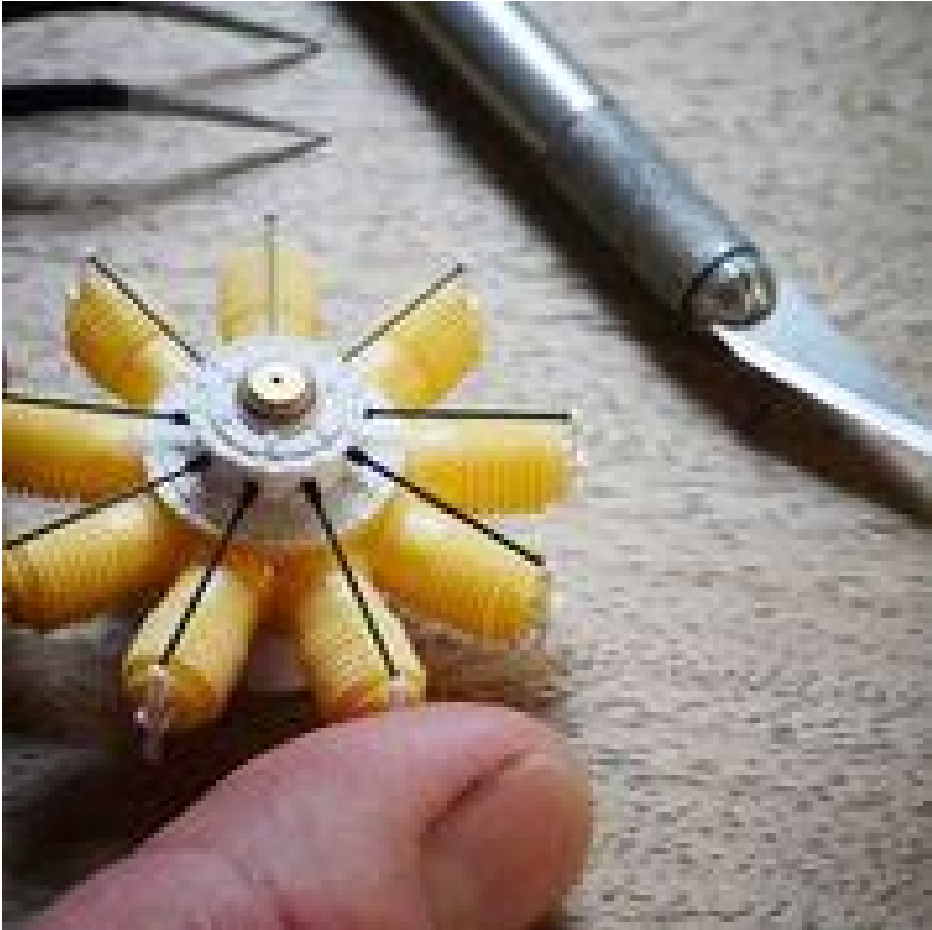
Photos: Thomas Wielecki











Phil Warrens “Arup”



Dr. Cloyd L. Snyder, a podiatrist from Plymouth, Ind. In 1926, during what was presumably a slow day at the office, Snyder sat idly flipping felt heel inserts into the air. Apparently they soared so well that it occurred to him the shape of a heel lift might make a pretty good airfoil. Though he had no aeronautical training, Snyder proceeded to design an airplane shaped like a heel lift. He went on to build flying models and develop a full-size glider prototype. In 1930 the podiatrist applied for a patent for his radical new configuration, which was granted in 1932. He then formed Arup Inc. to build his aircraft. Snyder recruited a few friends and associates to help him build and test his radical new design, among them Raoul Hoffman, who actually knew something about designing and building airplanes, having helped to develop the Laird Super Solution racer. Another of Snyder's associates, Milton Hatfield, an aspiring pilot and homebuilt airplane constructor, donated his time, building materials and an airplane engine in exchange for flying lessons. The fledgling firm's test pilot was Glenn Doolittle, a cousin of legendary racing and test pilot Jimmy Doolittle.

When i saw the plans on the net I decided to build it and see if it would fly as a rubber powered model. I like building the unusual models as most of you know. It has been test flown and is looking promising but a long way to go yet. Phil.

Photos: M Towell



* NSWFFS Contest & Fixture Calendar 2020 *

Date	Event	Venue	Time	C/D	
Dec 28 Jan 2	New Years Eve BBQ & Fun Fly No Comps Just Fun Flying	W. Wyalong stay on the	Flying anytime Field Book in	If you want to go tell Roy	
Jan 12	New Year Recovery Day ½ hr Scramble & Scale Rally	Richmond	7.00am – 1.00pm	Terry Bond	
Jan 17	General Meeting	Dundas Sport	7:30pm		
Feb 8-17	Maxmen etc USA	Lost Hills			
Feb 9	Combined F1 G, H, J, P30 + Scale Fun Fly	Richmond	7:00am – 1:00pm	Peter Scott	
Mar 8	State Champs P30 + Comb Vintage	Richmond	7.00 – 1.00pm	Gary Pope	
Mar 20	General Meeting	Dundas Sport	7.30pm		
Mar 22	State Champs Scramble + Combined % Control Line flying, BBQ Lunch	Richmond BYO Food	7.00am-1.00pm	Terry Bond	
Apr 2-8	AFFS Champs	Narrandera	See FFDU		
Apr 11-13	Southern Cross Cup 11 th F1A, C & O/R. 12 th F1B & O/P 13 th Reserve	W Wyalong	8.00am-1.00pm	Dave Thomas	
May 15	General Meeting	Dundas Sport	7.30 pm		
May 16-17	Veteran's Gathering	Muswell- brook			
June 6-8	NSW State Champs F1A, B, C, O/ Power ,O/Rubber + Victorian States Champs for A,B,C	W. Wyalong A B Field	8.00am-1.00pm	Dave Thomas	
June 14	Scale Practice	Richmond	7.00am-1.00pm	Jim Christie	
July 3-4-5	Scale Rally Weekend. Scale comp Sat 4th, Sun 5th ½ Hour scramble, Fun Fly C/L flying & BBQ Lunch	Richmond Saturday BYO Food	7.00am till dark Trans Tasman	Phil Warren	
July 7-15	1 st West Wyalong National Champs	W Wyalong			
July 17	General Meeting	Dundas Sport	7.30 pm		
Aug 2	State Champs F1G,H,J (Combined)	Richmond	7.00am- 1.00pm	Bruce Hao	
Aug 16	Scale Rally, P 30, Combined Vintage	Richmond	7:00am – 1:00pm	R. Summersby	
Aug 28-30	Cowra Oily Hand Weekend	Cowra			
Sep 13	½ Hour Scramble +Fun Fly B-B-Q Lunch	Richmond BYO Food	7:00am – 1:00pm	John Corby	
Sep 18	Annual General Meeting	Dundas Sport	7:30 pm		
Sep 20	Combined % 5 flights	Richmond	7.00am - 1.00pm	Peter Scott	
Oct 4	Combined % Multiple Entries	Hinton	7:00am – 1:00pm	Gary Goodwin	
Oct 23-25	Wings Over West Wyalong All Dis- ciplines FUN FLY	W. Wyalong A.B.Field	7.00am-Till Dark	Plenty of Room for ALL	
Nov 15	Bowden comp ROG details to come 1/2 Hour Scramble + Scale rally	Richmond	7:00am – 1:00pm	Peter Jackson	
Nov 20	General meeting	Dundas Sport	7.30		
Nov 27	Friday Xmas Party	Richmond	7.00am – 1.00pm	Terry & Lyn	
Dec 6	½ Hour Scramble, Combined Vin- tage with SAMS & Fun Fly.	Richmond BBQ Xmas	7:00am – 1:00pm Lunch BYO	Terry Bond FOOD	

Notes All scrambles start at 8.00am