

SYDNEY RADIO CONTROL SOCIETY - incorporated CLUB NEWSLETTER

Quarterly General Meeting and Special Resolution



*To be Held at
Toongabbie Sports and
Bowling Club
12 Station Road, Toongabbie
9624 6230*

*Friday Evening
3 December 2004 at 8PM
Dress rules apply*

Agenda:

- *Apologies*
- *Previous Minutes*
- *Matters arising*
- *Presidents Report*
- *Treasurers Report*
- *Secretaries Report*
- *Special Resolution*
- *Other Business*

Special Resolution:

*That the total annual SRCS
Fee's for the Secretary,
Treasurer and Newsletter
Editor of the Committee be paid
by Sydney Radio Controlled
Society*

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THE 2004 – 2005 COMMITTEE

<u>NAME</u>	<u>POSITION</u>	<u>PHONE</u>	<u>E-MAIL ADDRESS</u>
Mike Close	President	(02) 9872 6469	mikeclose@cherry.com.au
Matt Holloway	Vice President		mholloway@mmm.com
Paul Toyne	Secretary & Safety Officer	(02) 9642 7059 0419 525 664	paul.toyne@dodo.com.au
Ewald Klinkenberg	Treasurer & Registrar	(02) 98312817	klink@idx.com.au
Norman Bantin	Newsletter Editor	(02) 9624 8117 0403 337 829	DOT11E@onaustralia.com.au or norman.bantin@sydneywater.com.au
Baldo	Ordinary Member	(02) 96304019 0418 479 971	baldop@ozemail.com.au
Bill Barrett	Ordinary Member	(02) 9680 7114 0416 363531	bbbarrett@ozemail.com.au

HO HO HO ITS CHRISTMAS PARTY TIME.



This year SRCS will be holding the Christmas Party at the Blacktown Workers Club on **Sunday 12th of December** in the Club Bistro for members and their wives, partners and friends.

All you can eat from a wide selection of roast meats, sea food, salads, Chinese food and sweets and much more for \$10.00 per head from 11.30am to 2.30pm – pay on the day - buys you own drinks.

Phil Norris is booking a table for us so we need to know if you will attend so please let Phil or any Committee member know ASAP.

Stormin Normin

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PRESIDENT'S LETTER

In this, my first letter after the AGM, it is appropriate to welcome the two new members onto the Committee. I think it is one of the strengths of the club that we get one or two new people on the Committee each year to generate new ideas and enthusiasms and to avoid us getting into a bad rut. If this latter happens history shows that problems built up. Baldo seems to have been around in the club for years now and it is good that this experience and his considered approach is now available on the Committee. Matt is a regular and keen member of the club and is now the Vice President. I am sure that the Committee will continue to operate successfully for the overall benefit of the club.

Matt also took part in the last Instructors Course at Cootamundra. Although we do not formally know the result yet I am confident that Matt will be joining the list of qualified club instructors. Reservations are being made for the next course on 20th /21st March next year. We already have a couple of members interested and we will consider anyone else who would like to do it. If you want to put something back into the sport and help newcomers, as others helped you, then please contact me and I will tell you what is involved. It is not onerous and although you need a minimum of Gold Wings flying standard that should not be a problem for most club members who have already gone solo. You do not need to have years of experience as often the best instructors are those who can still remember how they felt and what it was like to learn.

At the AGM some rule changes were passed and one of these was to enable payment to be made to members of the committee. At the same time we canvassed opinions from those who were there on whether they considered that something was appropriate at this stage. As a result of this the Committee has considered a number of options. Within this Newsletter there are details of a Special Resolution. This would effectively waive the annual fees for the Secretary, the Treasurer and the Newsletter Editor. These are the positions that have specific tasks to do and for which there are precedents for some form of compensation at Club, State and Federal level. There is a modest cost for this, as the club would pay the MASNSW and MAAA fees for these people. At the current membership numbers and fee structure this would mean a little over \$4 per member. Other alternatives considered were doing something for more members of the committee, covering just club fees, making the privilege retrospective depending on performance or having a qualifying period. Whatever your views this has to be passed by a Special Resolution which means that it requires a majority of 75% of the members who vote. I would urge everyone who can to attend in person, as the meeting can amend the resolution. If you cannot get there, then it is possible to give proxy vote for someone to vote on your behalf. It is important whichever way the resolution goes, that it is seen to be the view of the club rather than that of a small minority of the membership.

Attendances at Quarterly Meetings are traditionally not high. Whilst this may be good in that it might show there are not many issues that the membership feel they need to make a point about, it also can end up being a self-fulfilling event. If only a few turn up there is not the incentive to have a guest speaker, a techniques lecture, or any of the other more interesting things that can be organised. This means that all we are left with is the relatively boring routine business which means that many decide that there are more exciting things to do that evening. If you can attend please do.

***Happy and safe flying
Mike Close
President***

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MINUTES OF THE 2004 SRCS ANNUAL GENERAL MEETING

The Annual General meeting was held at the Toongabbie Bowling Club on Friday 9 September 2004. Mike Close opened the meeting at 8.06 p.m. Minutes were recorded by Norm Bantin

PRESENT

Mike Close	Denton Wright
Norm Bantin	Rick Rapley
Ruben Cipriotto	Phil Norris
Ewald Klinkenberg	John Cahill
John Scarpellino	Matt Holloway
Rex Broadbent	Baldo Polizzi
Bill Barrett	

APOLOGIES

Paul Toyne	Col Bruce
John Howard	Jon Scarpellino

MINUTES OF THE PREVIOUS ANNUAL GENERAL MEETING 12-9-03

Bill Barrett moved that the minutes of the previous AGM held on 12-9-03 be accepted as an accurate and true record of the meeting, seconded by John Scarpellino – motion carried.

MINUTES OF THE PREVIOUS QUARTERLY GENERAL MEETING 11-6-04

Norm Bantin moved that the minutes of the previous QGM held on 11-6-04 be accepted as an accurate and true record of the meeting, seconded by Bill Barrett – motion carried.

MATTERS ARISING AGM 12-9-03

There were no matters arising from the previous AGM.

MATTERS ARISING QGM 11-6-04

- Mike Close has asked Turtle for some different options to upgrade the track and is waiting on a response. Rick Rapley can obtain rip rock that may be able to be used but we would need a Bob Cat for spreading. We may need some of drainage for the low areas.
- Mike Close noted that the Web Site is now fully up and running – many thanks to Craig Betts. We need to investigate how it can be updated by the committee.

PRESIDENTS, SECRETARIES AND TREASURERS REPORTS

The President Mike Close and Treasurer Ewald Klinkenberg gave their reports, Norm Bantin presented Paul Toyne's Secretaries report and copies of these are located elsewhere in this newsletter. John Scarpellino moved that the accounts presented by the Treasurer Ewald Klinkenberg and audited by Rex Broadbent be accepted – seconded by Matt Holloway – motion carried.

CORRESPONDENCE IN

Ref No	Summary
IN131	Letter from MAAA outlining accident at field
IN132	Nomination for President - Mike Close
IN133	Letter from Charlie Gough RE resignation from SRCS

CORRESPONDENCE OUT

Ref No	Summary
OUT091	Email to MASNSW regarding accident at field.
OUT092	Letter to MASNSW regarding Flight Instructors Course – M Holloway.

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PROPOSED ALTERATION TO RULES 2, 43 and 44

In accordance with the Rules of the Association, the following rule changes were proposed as a Special Resolution for consideration as notified 21 days prior to the Annual General Meeting in the August Newsletter. The alterations were discussed and explained by Mike Close. Motions were called to accept the alterations and voting took place as shown below. There were no Proxy Votes received. (Note: changes are underlined and crossed out if removed)

MEMBERSHIP QUALIFICATIONS (Proposed Baldo Polizzi, Seconded Bill Barret, voting - 13 for, against 0, motion carried unanimously)

2. (l) A person is qualified to be a member of the Society if, but only if-

The person is a person referred to in section 15(l)(a), (b) or (c) of the Act and has not ceased to be a member of the Society at any time after incorporation of the Society under the Act;

2(2) (b) the following types of membership of the Society only shall be available - (Proposed Norm Bantin, Seconded John Scarpellino, voting - 13 for, against 0, motion carried unanimously)

(i) Senior membership shall be available to all persons who do not qualify for junior membership on the 31st of December of the year of joining the Society are over eighteen (18) years of age; or

(ii) Junior membership shall be available to all persons who at the time of joining or renewing their membership of the Society have not attained the age of eighteen (18) years or if they have turned 18 years old on or after July 1 of the current membership year. The membership year is July 1 to June 30 have not attained the age of nineteen (19) years at the 31st. of December of that Year. or

(iii) Pensioner membership shall be available to all persons who can produce a current Social Security pensioner card Social Security pensioner card issued by the Commonwealth of Australia

PAYMENT, ETC; OF OFFICE BEARERS AND MEMBERS

(Proposed Ewald Klinkenberg, Seconded Bill Barrett, voting - 13 for, against 0, motion carried unanimously)

43. A member of the Committee shall not be appointed to any salaried office of the Society or any office of the Society paid by fees, and no remuneration or other benefit in money or money's worth shall be given by the Society to any member of the Committee except -

- (a) Repayment of out-of-pocket expenses;
- (b) Interest at a rate not exceeding interest at the rate for the time being Which is or would be charged by the Society's bankers for money lent to the Society; and
- (c) Reasonable and proper rent for premises let to the Society.
- (d) Where such benefit is authorized by Special Resolution of the Society

44. Without affecting the operation of rule 17, and unless authorized by Rule 43(d), the office of a member of the Committee shall become Vacant if -

- (a) The member holds an office of profit in the Society;
- (b) The member is directly or indirectly interested in any contract or proposed contract with the Society.

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The following is an extract from the Rules of the relevant sections concerning Rule changes.

SPECIAL RESOLUTION FOR MATTERS OF VITAL IMPORTANCE

32. A resolution of the Society is a Special Resolution if -

- (a) It is passed by a majority which comprises not less than **three-quarters** of such members of the association as, being entitled under these rules so to do, **vote in person or by proxy at a general meeting** of which not less than **21 days written notice** specifying the intention to propose the resolution as a Special Resolution as given in accordance with these rules

APPOINTMENT OF PROXIES

34. (1) Each member shall be entitled to appoint another member as proxy by notice given to the Secretary **no later than 24 hours** before the time of the meeting in respect of which the proxy is appointed.

(2) The notice appointing the proxy shall be in the form set out in Appendix 2 of these rules.

ALTERATION OF OBJECTS AND RULES

38. The statement of objects and these rules may be altered, rescinded or added to only **by a Special Resolution of the Society.**

ELECTION OF COMMITTEE

The secretary received the following nomination for membership of the committee as required 28 days before the AGM

<u>POSITION</u>	<u>NOMINEE</u>	<u>NOMINATED BY</u>	<u>SECONDED BY</u>
President	Mike Close	Bob Evans	Michael Towell

There were no nominations for any of the other positions so nominations were called for from the floor.

- Norm Bantin nominated Paul Toyne for the position of Vice President – seconded by Bill Barret, Phil Norris nominated Matt Holloway for the position of Vice President – seconded by John Scarpellino

As there were two nominations, a vote was taken by show of hands, eight in favour of Matt Holloway and two for Paul Toyne, Matt was declared Vice President – Matt accepted

- Baldo Polizzi nominated Ewald Klinkenberg for the position of Treasurer – seconded by Ruben Cipriotto – Ewald accepted
- Norm Bantin nominated Paul Toyne for the position of Secretary – seconded by Bill Barret – Paul Toyne accepted (by e-mail)
- Baldo Polizzi nominated Norm Bantin for the position of Newsletter Editor – seconded by John Scarpellino - Norm Bantin accepted.
- Norm Bantin nominated Bill Barret for the position of Ordinary Member – seconded by Renton Wright – Bill Barret accepted.
- Bill Barret nominated Baldo Polizzi for the position of Ordinary Member – seconded by Jon Scarpellino – Baldo accepted.

As there was only one nomination for each position Mike Close declared the positions filled. Mike Close thanked the previous committee for their efforts and letter of thanks is to sent to Chris Byrnes back home in NZ

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OTHER BUSINESS

- Rex Broadbent raised the issue regarding the use of Park Fliers on 27 MHz at the field and flying co-currently with other aircraft on the approved frequencies. Mike Close discussed the issue at length and explained the current MAAA position. Phil Norris proposed that the current policy at SRCS regarding 27 MHz be altered to allow co-currently flying within the current MAAA Rules, seconded by Rex Broadbent. Voting 10 for, 2 against - Motion carried.
- Bill Barret expressed further concern of the rubbish being left at the field in particular pieces of propellers, rubber bands and bits of aircraft not to mention the cigarette butts. Matt Holloway is to make a sign and regular clean ups are to be carried out from time to time prior to the commencement of Flying.
- John Cahill inquired into flying before 9.00am and Mike Close explained SRCS's position on the noise factor. Flying can take place at 8.00am provided each aircraft has passed the SRCS noise test. Both Mike Close and Paul Toyne have noise meters and can carry out noise tests.
- A discussion took place on the matter of payment of committee members and various options were put forward ranging from paying the full membership fees for all the committee (7), the office Bearers only (5) or the Secretary, the Treasurer and the Newsletter Editor (3). The Criteria for payment could be after five years or only after one year's service. It was thought that payment of the Secretary, the Treasurer and the Newsletter Editor was the best option after one year's service as these Office Bearers are required to perform actual work and have responsibilities that have to be carried out. The matter is to be discussed further by the committee and a proposal put forward for a Special Resolution some time in the future for approval by members at a General Meeting. The cost to each member per year to pay the full fees for the Secretary, the Treasurer and the Newsletter Editor would be \$5.00 based on 120 members and the current club fee of \$197.50. To fund this the club component would need to be raised by \$5.00 or be absorbed by the current club fee.
- The issue of life membership was discussed and Mike Close discussed the costs to the club and the danger of too many members and the cost to members.
- Baldo commented that sometimes parking spots are limited at the field due to people leaving too much space between cars. It was discussed and agreed that the sleepers would be marked at 2.4 intervals and members are to park within the markings. Phil Norris and Matt Holloway agreed to do the marking with a spray can.
- Matt Holloway suggested SRCS host the Scale Association event and Phil Norris an inter club event also we could combine the pattern day with the club scale event – to be discussed by the committee.

Meeting Closed at 9-23 PM.



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PRESIDENT'S REPORT

Looking back over the last year there is nothing spectacular to report. Hopefully this is an indication of a smoothly running club rather than one that has no ideas or ambitions.

Club membership continues to grow slowly but we must not lose sight of the fact that we are not in a high profile location and new members will only join us if they know where we are. Word of mouth by current members and a high profile with the local retailers are the best method to keep up the numbers as the inevitable attrition happens. As you know we do not have a formal instructor roster at the moment although if it is (perhaps I should say when it is) needed again I am more than happy to produce one. I would obviously like to thank all those who have guided our new members, both formal instructors and those that just help, for their efforts. I would like to think that good quality and available instruction is one thing that differentiates us from other clubs around. Saturday attendance continues to be very strong and it is pleasing to see that Sunday's attendances have noticeably increased during the year and now draw a good number, and variety, of fliers.

We had better luck with the weather for the contests that we held during the year with all being held on the planned day. Numbers continue to be a bit disappointing for a club of our size, and the two that are externally advertised suffered from a clash of dates on the Contest Calendar. This was particularly true of the Scale Rally, which requires quite a lot of effort to organise it. The MASNSW Contest Calendar does not seem to provide the vetting of dates that it used to, and the Committee will need to be more vigilant this year to try to stop it happening. Only in this way can we ensure the future viability of the events. The hoped for Sports Pylon event did not happen but there may be a slot in next year's schedule for a round of the MASNSW Points Score event to be hosted by us.

The shade area continues to be a great success. The Committee has been seeking ways to develop the facility further and an idea will be discussed later in this meeting.

During the year a new farmer took over the lease of the grazing area from Roadmaster. The comment he made was that he knew we were there and had no problem with it. However every square metre of grass that we used was one square metre that is not available for his cattle. We have to respect this and also ensure that we continue to be a good neighbour to help ensure that we never become unwelcome on the site. Any problems that we see should be reported immediately to either Roadmaster or directly to the farmer.

A new member has taken over as the Webmaster for our site. We should thank Craig Betts very much for the work he has done so far on the new Home Page and the pages that link from it. I know that Craig has got plans for the future that will make it even more exciting and provide us with an even better vehicle to promote ourselves. If you have not looked at it yet I urge you to do so.

The Committee as usual continues to work hard on behalf of the membership. Once again Paul Toyne volunteered to take on the duties of Secretary, this time when Chris Byrne had to return to New Zealand with work. Being a Kiwi is the only reason that I can think that would entice Chris away from us but during the time he undertook the position he showed that he did it in a very capable manner. Paul of course has done the task before and I was delighted when he offered to stand in. Thank you Chris and Paul for your work. Norm continues to produce an informative Newsletter with the minimum of fuss and ensures that it is something that not only provides the essential club information but also is interesting to read. The position of Treasurer/Registrar requires quite a bit of time and the work has to be done both on time and accurately and Ewald does just that. Without both Norm and Ewald's contribution the club would not have operated properly. John Scarpellino and Bill Barrett were the two ordinary members of the committee and have done all that they were asked to do to help. We should continue to be pleased that we have club members who are prepared to give up their time to help with the running of the club. However there are also many ordinary members who help and rather than try to identify you all by name I will just say a general thank you very much on behalf of the club and its members.

In conclusion I would like to look forward to the next year. There continues to be uncertainty about the future viability of some clubs in the Sydney basin. If this means that there is a migration to some of the more stable clubs that will inevitably include SRCS. I hope that if this happens the good attitude and club spirit that we have developed over the years will both remain and continue to grow.

Mike Close President

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SRCS SECRETARIES REPORT 2004

I am pleased to present my fourth report as the Sydney Radio Control Society Secretary for the 2003/2004 period. As you may be aware I have replaced Chris Byrne who returned to New Zealand during the course of the year. I would like to thank all the Committee members particularly this year as their support has been fantastic as work and home commitments have at times taken precedence.

Since the last AGM we have conducted the Scale Rally, Astro-Hog Day, the Glider Day, the SRCS Scale Day, the Pattern Day and last weekend the KGFF. Whilst numbers at the internal events have been quite good it is disappointing to see the decline in contestants at our external events. If you take out the SRCS competitors these numbers look far worse. I believe that it has come to a point that we can no longer justify these external events and we should look towards other options including linking up with another Club for these events or explore new formats. Either way the efforts of the few that are making these events come together is not being rewarded in participant numbers.

The new look web site is certainly making an impression on the number of new members. The site costs have been greatly reduced and it is a fantastic forum for bringing all the club information together for potential new members and the latest club news for our existing members. It was only a few weeks ago that we had six new members at the field on a Saturday morning all requiring instruction...so it must be working. Please remember to forward your pictures or tips or even if you have something to sell we can add a For Sale page. It is your web site so please use the resource. Thanks to Craig Betts for his artistic and technical input in getting the site up and maintaining it.

On another matter I had cause to patrol our flying area a few weeks ago in search of a lost muffler and was astounded at the amount of wreckage that was left lying in the immediate vicinity of our strip. I understand that sometimes it is difficult to find all the pieces lost however at either end of the strip within a few meters were wheels with landing gear attached, balsa wood, hatches, covering, a battery pack etc and clearly not much effort was taken to try to clean up after the mishap that occurred. Coupled with this the perennial amount of rubbish in the pit area with cigarette butts and rubber bands being the main offenders. Please try hard to keep all areas spotless as we don't want to cause any problems for the farmer or his livestock and a clean area makes a much better impression for visitors and potential new members alike.

I would like to thank Mike Close for his tireless efforts as President, Ewald as Treasurer particularly when he is inundated by members wishing to pay fees or ask questions whilst he is trying to set up or have a fly, and Norm Bantin as Newsletter Editor. I'm sure you would agree Norm has improved the Newsletter to a very high standard. Thanks also to John and Bill or their contribution as Committee Members during the year.

Let's all hope that 2004/2005 will be a more successful and enjoyable for all members

GOOD LUCK WITH YOUR FLYING PAUL TOYNE

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TREASURER'S REPORT FOR FINANCIAL YEAR ENDING JUNE 2004

I would like to thank the members of the Committee and the Club for their support during the year. The membership for this year ended with 19 Associates, 5 Juniors, 9 Pensioners, 4 life, 89 senior and 1 spouse member.

As you can see by the Final Report the club made a surplus of \$1574.00 . There were two large expenditures; one was the internal door in the container and a new push mower. New shirts in blue and grey and new baseball caps were obtained and are for sale. Shirts are \$25.00 and caps \$15.00. A special thanks to Rex Broadbent for auditing the accounts. Just one request when I get to the field at least let me get in one flight before having to open that brief case.

That's it folks and happy boring holes in the sky

Balance Sheet

	This Year	Last Year	\$ Difference
Assets			
Current Assets			
Cash On Hand			
Westpac - chq a/c	\$1,494.63	\$1,275.61	\$219.02
Petty Cash	\$10.00	\$10.00	\$0.00
Total Cash On Hand	\$1,504.63	\$1,285.61	\$219.02
Investments			
Westpac term deposit	\$15,674.21	\$14,882.23	\$1,292.24
ANZ term deposit	\$28,931.13	\$27,305.25	\$2,495.85
Total Investments	\$44,605.34	\$42,187.48	\$3,788.09
Total Current Assets	\$46,109.97	\$43,473.09	\$4,007.11
Other Assets			
Deposits Paid	\$50.00	\$50.00	\$0.00
Total Other Assets	\$50.00	\$50.00	\$0.00
Buildings			
Furniture & Fixtures			
Equipment at Cost	\$16,568.73	\$15,475.73	\$1,093.00
Less Accum Dep	-\$8,545.64	-\$6,389.92	-\$2,155.72
Total Furniture & Fixtures	\$8,023.09	\$9,085.81	-\$1,062.72
Total Assets	\$54,183.06	\$52,608.90	\$2,944.39
Liabilities			
Long-Term Liabilities			
Total Liabilities	\$0.00	\$0.00	\$0.00
Net Assets	\$54,183.06	\$52,608.90	\$2,944.39
Equity			
Retained Earnings	\$52,608.90	\$49,290.22	\$1,948.45
Current Year Surplus/Deficit	\$1,574.16	\$3,318.68	\$995.94
Total Equity	\$54,183.06	\$52,608.90	\$2,944.39

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Profit & Loss

July 2003 through June 2004

	This Year	Last Year
Income		
Club Clothing	\$540.00	\$0.00
Donations	\$0.00	\$1,150.00
Gate Keyes	\$605.00	\$190.00
Interest	\$2,417.86	\$1,370.23
Joining Fees	\$1,155.00	\$1,545.00
Member Fees	\$17,961.15	\$14,046.20
Misc Income	\$11.00	\$0.00
Scale Day	\$813.95	\$547.00
Total Income	\$23,503.96	\$18,848.43
Expenses		
Badges	\$0.00	\$112.20
Bank Charges	\$48.55	\$19.29
Club Clothing	\$1,232.00	\$0.00
Competition Prizes	\$93.04	\$440.40
Consumer Affairs	\$56.00	\$56.00
Equipment Hire	\$0.00	\$81.81
Equipment	\$136.67	\$629.35
Field Maintenance	\$264.05	\$262.01
Food & drink	\$0.00	\$34.25
Gifts	\$0.00	\$138.71
Hall hire	\$340.00	\$700.00
Locksmith	\$872.16	\$126.00
Mailing	\$874.00	\$310.00
Depreciation	\$2,155.72	\$996.79
MAS fees	\$14,054.75	\$10,092.50
Postage & shipping	\$256.25	\$149.65
Printing	\$48.85	\$21.90
Scale Rally	\$639.56	\$699.25
News letter	\$858.20	\$349.84
Field upgrade	\$0.00	\$199.80
Toilet Services	\$0.00	\$110.00
Total Expenses	\$21,929.80	\$15,529.75
Net Surplus / (Deficit)	\$1,574.16	\$3,318.68

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ENGINE THRUST LINE - by Clay Ramskill

For all practical purposes, (excluding those prop effects) we can consider that the engines thrust acts along the centerline of the engines crankshaft. The plans for your plane show whether or not that coincides with the centerline of the plane itself - it may or may not, depending on the plane and how well the designer did his job.

From the prop effects story, you know that all of our planes, to some degree, want to turn to the left when slow, at high power, and at a high angle of attack. This is not always a good thing; not all pilots have the experience to correct with just the right amount of right rudder at the right time. Let's face it - we'd rather the darn thing wanted to go straight ALL the time. And we can do that, by using some right thrust on the engine.

By shifting the engine so it points a bit to the right, the engine will tend to pull the nose of the plane to the right, turning the plane. And that turning tendency will be proportional to the amount of power applied, as is the prop effect tendency for the plane to turn left. So by putting in a degree or two of right thrust, the prop effects may be pretty much cancelled out. The only down side to this procedure is that the right thrust will be left thrust when the plane is inverted, ADDING to the prop effect.

The thrust line may also be shifted to help out with pitch (up and down) problems. Flat bottom wing trainers are notorious for wanting to go up with full power - we trim them for loping about at 1/2 power, and when we goose the engine, up goes the plane. To a large degree, this tendency can be cured with DOWN thrust; with the thrust line pointed down a bit, the more power we apply, the more the nose wants to go down, counteracting the tendency for the plane to go up at the higher speed. The plans for my Seniorita include 6 degrees of down-thrust, which is a LOT - but that contributes to the fine flying qualities of that design.

Shifting the thrust line is relatively simple - you can just stick a washer or two behind the engine mount, or you can buy plates with the angle manufactured in. Better yet, build it into the plane; the Goldberg Extra 300 kit has allowed for 3-4 degrees right thrust, shifting the rear of the engine mount to the left so that the spinner will line up properly.

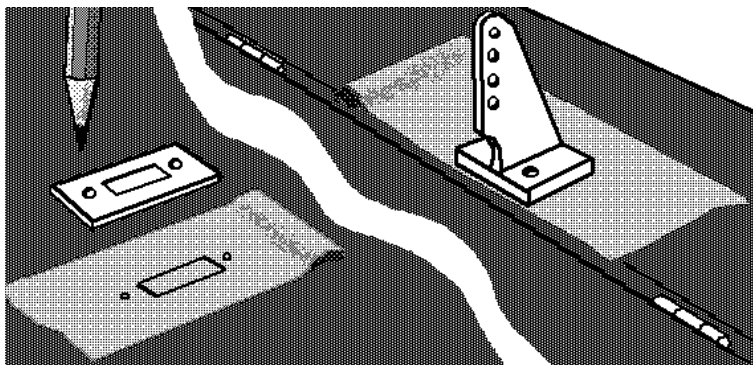
So how do we know if changing the thrust line will give us a better flying plane? If your plane has a vicious tendency to go left when it's slow and you add full power, you would definitely be better off with some right thrust. The same applies if the nose always drops in left turns and comes up in right turns. Experimentation will tell you how much for the plane involved and the way you fly. And if your plane always wants to climb at full power, or if when you trim hands off at full power, then chop the throttle, the plane dives, some down thrust will help.

The above techniques are a part of the trimming process. Don't be afraid to make changes if your plane doesn't fly the way it should; and thrust line changes are relatively easy to do, and can always be changed back if the results are not what you want.

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Marking Dark Monocote - by Clay Ramskill

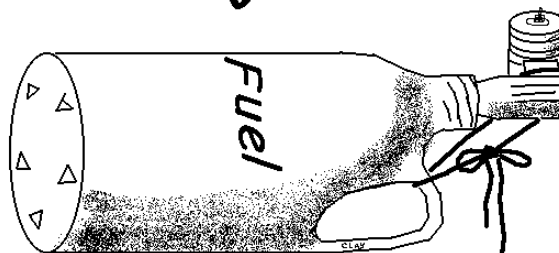
Putting any kind of decent marks on monocote is really tough, especially if the monocote is a dark color. This becomes a hassle for you when trying to accurately place control horns or mount a switch to a surface that's already covered. Try putting down a piece of masking tape in the approximate location. Then line up the horn or switch plate and make your marks on the tape! The marks are quite visible, and you can cut or drill right through the tape. Then you can pull off the tape easily by pulling it sideways over itself; i.e. don't pull straight up or you may lift the covering material. Bending an end of the tape back on itself before applying will give you a nice "handle" to grab to peel the tape off.



The Fuel Jug Muffler - by Clay Ramskill

Need to run in that new engine? But do your neighbors throw empty beer cans at you when you do it at home? If you run up to full power in the garage, does your wife threaten divorce, your cat gets surly and the dog doesn't come home for hours? There's a cheap, easy solution - a "used" fuel bottle. Chop a few little holes in the bottom, tie the neck to your muffler; a tight fit isn't critical. And have at it! The bottle doesn't kill all sound, of course, but its cut to a decent level - a heck of a lot quieter than your neighbor's kid's '68 Mustang.

The Fuel Jug Muffler



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PILOT FUNNIES- Provided by Rick Rapley

The only time you have too much fuel is when you're on fire.

As the carrier sailors say, there are more planes in the ocean than submarines in the sky.

If the wings are traveling faster than the fuselage, it 's probably a helicopter --and therefore, unsafe.

When one engine fails on a twin-engine aeroplane you always have enough power left to get you to the scene of the crash.

Without ammunition, the USAF would be just another expensive flying club.

What is the similarity between air traffic controllers and pilots? If a pilot screws up, the pilot dies; If ATC screws up, the same thing happens.

The three most common expressions in aviation are: "Why is it doing that?" "Where are we?" and "Oh Shit!"

Weather forecasts are horoscopes with numbers.

Progress in airline flying: now a flight attendant can get a pilot pregnant.

Airspeed, altitude and brains. At least two are needed to successfully complete the flight.

A smooth landing is mostly luck; two in a row is all luck; three in a row is a lie.

Mankind has a perfect record in aviation; we never left one up there!

Flashlights are tubular metal containers kept in a flight bag for the purpose of storing dead batteries.

The Piper Cub is the safest aeroplane in the world; it can just barely kill you, said Max Stanley, Northrop test pilot.

The three best things in life are a good landing, a good orgasm and a good bowel movement. A night carrier landing is one of the few places to experience all three at the same time.

If something hasn't broken on your helicopter, it 's about to.

Basic Flying Rules: Try to stay in the middle of the air. Do not go near the edges of it. The edges of the air can be recognized by the appearance of ground, buildings, sea, trees and interstellar space. It is much more difficult to fly there.

You know that your landing gear is up and locked when it takes full power to taxi to the terminal.

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LANDING GEAR ENGINEERING by Clay Ramskill

The plane hit the runway hard, bounced and hit again. A second bounce put it over the tall grass near the runway, and the plane mashed into it. Not any damage -- except the main landing gear had torn out in the grass! This scenario is quite common. Our planes' landing gear will often take unbelievable impacts on the runway, yet collapse in a heartbeat when in the grass (or weeds). Why?

It's a matter of design, sometimes awfully poor design. The poorer designs assume the major loads on the gear will all be vertical, from the weight of the plane. And with easily turning wheels on a smooth runway, that's pretty much true. But -- in the REAL WORLD, we hit things (rocks, uneven ground, high grass, gophers, etc.), putting heavy rearward loads at the wheel. Since the gear hangs down several inches from its mounting, a rearward shock at the wheel also adds a considerable TWISTING force on the gear mount. In figure 1, a typical wire gear set up is shown, wing mounted. This torsion-wire system is designed such that shock is eased by the torsion link -- but very heavy forces are still involved. Hitting high grass or the lip of a runway, a force of 5 pounds at the wheel is not unreasonable; over the 4 inches of strut, that puts 20 inch-pounds torque on the wire. At the anchor block end, with only one inch of mount arm to spread the load, we see 20 pounds force on the ends of the block! It is here that the block fails, or its attachment to the wing fails.

Aluminum or fiberglass gear bolted to a block or plate on the bottom of a fuselage have a similar force arrangement, resulting in heavy upward force at the rear of the block, downward force at the front. It is that downward part of the twist that many designs fail to cope with.

What we need to do is spread out the load from these twisting forces - on a typical fuselage gear arrangement, the gear is mounted on a block or plate glued between the fuselage sides, usually with some kind of doublers or tristock on top to keep the block from being forced upwards from landing shocks. Unfortunately, there is often little provision to keep the front end of the block from being ripped out downwards. This is best done by using ply doublers, extending forward several inches, preferably to a bulkhead or the firewall. Figure 2 illustrates.

The same type of considerations apply to a wing-mounted set-up. In this case, use a ply rib, or a ply rib doubler, so that the forces are well spread out along the rib, preferably tying in with the leading edge and spars. Also, placing some heavy balsa on either side of the anchor block (aileron stock works very well for this) will help keep the block itself from breaking under heavy shock loads. Figure 3 applies.

So, for the next kit you build, take a careful look at the plans. If you see shortcomings with the main landing gear, add a bit of extra beef, to save you some grief!

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CLUB EVENTS 2005

<u>EVENT</u>	<u>DATE</u>	<u>ALTERNATE DATE</u>
Glider Day	Sunday 27 th February	Sunday 13 th March
Hog Day	Sunday 19 th June	
SRCS Club Scale Day	Saturday 30 th July	Saturday 13 th August
Kevin Gray Memorial	Saturday 27 th August	Saturday 10 th September
SRCS Scale Rally	Sunday 16 th October	
Pattern Day	Sunday 30 th October	Sunday 13 th November

These items can be purchased from the Club Treasurer:-

Club metal badges	\$5 ea.
Club cloth badges	\$5 ea.
SRCS stickers	50c ea.
Club Tee shirt	\$25 ea.
Club Hats	\$15 ea.

Please note that any article, technical or historical fact or fiction other than the published minutes of general meetings of the club, express the opinions of the writer of such articles and do not necessarily become fact. The club accepts no responsibility for any outcome of any incident that may or may not be attributed to any matter printed in the club newsletters.

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CLUB CHAMPIONSHIP TABLE

PLACE	COMPETITOR	ELECTRIC GLIDER	E G POINTS	SCALE	S POINTS	FUN FLY	F F POINTS	PATTERN	P POINTS	TOTAL
1	Mike Close	2	19	3	18	1	20	3	18	75
2	Robert Zyp	5	16	1	20	3	18		0	54
3	Matt Holloway		0	2	19	7	14	1	20	53
4	Paul Toyne	3	18	6	15	10	11		0	44
5	Mark Locock	1	20		0		0	2	19	39
6	Col James	4	17		0		0	5	16	33
7	Michael Towell		0		0	2	19		0	19
8	Derek Slevin		0	4	17		0		0	17
9	Bob Evans		0		0		0	4	17	17
10	Brett Gausel		0		0	4	17		0	17
11	Norm Bantin		0	5	16		0		0	16
12	Tim Owen		0		0	5	16		0	16
13	Adrian Byrnes		0		0		0	6	15	15
14	Phil Norris		0		0	6	15		0	15
15	Ewald Klinkenberg		0	7	14		0		0	14
16	Michael Garside		0		0		0	7	14	14
17	Terry Goddard		0		0	8	13		0	13
18	Ralph De Veer		0		0	9	12		0	12

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SYDNEY RADIO CONTROL SOCIETY INCORPORATED

FORM FOR APPOINTMENT OF PROXY

I,.....
(Full name)

of,.....
(Address)

Being a member of Sydney Radio Control Society Inc.

Hereby appoint.....
(Full name of proxy)

of.....
(Address)

Being a member of that incorporated Society, as my proxy to vote for me on behalf at the Quarterly General Meeting of the Society to be held on Friday 3rd day of December 2004 at Toongabbie Bowling Club and at any adjournment of that meeting.

My proxy vote is authorized to vote in favour

for against (Cross out as appropriate)

the following resolution

That the total annual SRCS FEE's for the Secretary, Treasurer and Newsletter Editor of the Committee be paid by Sydney Radio Controlled Society

Signature of member appointing proxy.....

Date.....

NOTE: A proxy vote may not be given to a person who is not a member of the Society.