

DECEMBER 2019

NEWSLETTER



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Military Master 2019 Trevor Gale receiving his trophy from Onkaparinga Mayor Erin Thompson



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Web Site nmas.info.

check us out on

Well yet again NMAS conducted a fantastic Military and Civil Scale event on Sunday 24th November.

The weather was just brilliant, mid 20's, light but tricky westerly and barely a cloud in the sky. Thanks Huey. Around 40 pilots registered on the day and what a large number of clubs were represented, some pilots making a big commitment and travelling huge miles. Pilots from Sunraysia Mildura (wow what a commitment), South Hummocks, Barossa, Skyhawks, Constellation, AMA Monarto, Strathalbyn, Scale Society and a good number of Noarlunga members.

And what a great cross spread of planes. Both World Wars were well presented as were nearly every historical theatre of war. Models from the Biplanes and Triplanes, the amazing WW2 warbirds and modern day Jets.

Civil Scale was also represented with Tiger Moths, Reno Racers and all the modern day aircraft.

There were some very experienced pilots, one Junior Kris from Holdfast and even new pilots like Josh Tyrrell who only got his wings a month ago and appeared in the November newsletter

Special displays were also held as an Airshow to show off of all the various classes of our sport. Greg Leigh and Michael from Sunraysia with their amazing turbines, Tom Jacobsen with the fast and loud pylon, Sean Readett with F3A, Rob Millwood with his Heli and 60cc WACO, Greg Nelson with his mad control liners, Adam & Ash with the IMAC giants and then Greg Leigh again with his stunning turbine powered glider. We managed to run these displays twice and they were really stunning and breathtaking.

A great crowd poured through all day, the BBQ and Hot Chips were tasty, Shaun Jacobsen's coffee van went all day as did the bouncy castle. Peter Readett kept the commentary going all day (egging on flyers to push the limits) and this was capped off with a raffle full of great prizes including a flight in Adelaide Biplanes Tiger Moth, several rc model aircraft and accessories, BBQ accessories, wine, Gel Blasters and lots more.

Sponsors who made all this possible included Adelaide Biplanes Aldinga Airfield, Supercheap Hobbies Aldinga, Model Flight, Aldinga Hotel, Bunnings Seaford, Pattriti Wines, Model Engines,

Onkaparinga Mayor Erin Thompson attended with her family and spent over 2 hours enjoying the spectacle and presenting the award winners at the end of the day. Award Winners included:

- Military Master Trophy** – Pilatus Porter, **Trevor Gale**, AMA.
- Civil Scale Trophy** – J3 Cub, **Alexis Scott**, NSL.
- Pilots Choice Trophy** – Rare Bear, **Greg Leigh**, NMAS.
- MASA Encouragement Award** – Texan /PC9 (16), **Josh Tyrell**, NMAS.

Judges; John Modistach, Garry Oakley, Troy Davis, Greg Badger

These events don't just happen and a big thanks go to the Committee, members who officiated on the day, ticket sellers, Air Cadets, cooks and of course the lovely ladies who serve the crowds all day.

The year winds up with the club Christmas dinner this Saturday and another Indoor Flying session on Thursday 12th December.



MILITARY & SCALE DAY NOARLUNGA 2019



PHOTO KEVIN BARTLETT



Rob Millwood's 60cc WACO



Civil Scale Winner - Alexis Scott



Kids paper plane challenge



Michael's Sunraysia turbine



Turbine powered glider - Greg Leigh



Fokker Triplane



170cc radial powered "Rare Bear" - Greg Leigh

CONSTELLATION MODEL FLYING CLUB

Ugly Stick Fun Fly Day by Don Howie



This event in November, devised by Ken Whenham was a first and proved to be quite popular. I was told to mention that we had “More sticks than you can poke a stick at”.

The “Ugly Stick” was designed by Phil Kraft in 1964 to test his new proportional multi radio, designed by Jerry Pullen. Phil started flying free flight power models in the 1950's and turned to making radio control equipment in his back garage in about 1960. The equipment was sold by Ace R/C, Higginsville, MO, and I first heard of Kraft R/C equipment when Doug Saxby flew a small model powered with a Cox TEE DEE .020 glo about 1960, when I was also flying single channel.

Ace R/C published “Grid Leaks” from about 1959, this being the first R/C model magazine. Kraft first made a small single channel receiver, used by Doug Saxby in his small model and it proved reliable.

The original model design was easy to build and Kraft got George Walker to make the model look like a German World War 1 aircraft, so when published it would be a popular build. It was published in May – June 1966 (see cover photo) now with scalloped ailerons and elevator, a pilot and gun fitted. The original models had a trike u/c, but when Midwest kitted the model, it had a 2-wheel u/c. The model by George Walker also had a radial cowl, but the one he built for Phil Kraft, both powered with Veco .45 glo engine, was omitted (see photo).

The most original model is the “UGLY STICK” by Steve Wilkin, powered with an OS 81 four stroke, nylon covering on the wings with glass on the balsa fuselage. All the models featured are scratch built from plans, I like to give credit to people that made the effort.

Murray Lewis built a 90% ugly stick from plans, the model has a Thunder Tiger 42 two stroke glo for power, the model has Hobby King iron- on covering. Murray also had the “littlest stick” at 20 inch span, this being electric.

The three very small sticks are shown together. Bill Britcher had a “Little stick” at 22 inch span, built from a kit, using a Cox .020 pee wee glo for power. The other stick shown, built by Peter Leaney at 27 inch span, is built from 6mm Depron foam, finished with spray can paint. It uses a BL 30 motor of 1400 kva, using 500 mah 2s lipos, with a weight of 7.5 ounces. It does fly very well and is cheap to construct.

Hangar 9 recently introduced a model called the “Ultra Stick”, changing the fin shape, adding wheel pants and using flaps. Ken Whenham built a 100 inch version from scratch, using a DLE 55cc 2 stroke petrol engine, turning a 3 blade 20x12 prop, Hobby King covering and weighing 9.2 kilos.

Steve Barker also built this design at 80 inch span, called “Steve’s Stick” using Hobby King covering. It is powered with a DLE 30cc petrol 2 stroke and was another great effort.

RADIO CONTROL and Model Aircraft WORLD



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**EIGHTH
YEAR OF
SERVICE**

IN THIS ISSUE

• Phil Kraft's new multi
—Das Ugly Stik • Micro
Proportional Two-Axis
Control • Letter from a
Yachtsman • New Prod-
ucts Reviewed • 9V
Rudder-Only Pulser

The original publication



The author/designer reads the ship for mating. The plane is a simplified version, as George Walker's model, right, informs.

Das Ugly Stik

Something different in multi trainers with full pattern ability.

By PHIL KRAFT

THE ORIGINAL CONCEPT of the Ugly Stik was to design a radio-controlled aircraft which could be built in an absolute minimum of time. Its purpose was towards a flying test bed for new proportional control developments and an all-around ship airplane which could be used as a trainer for visiting flyers, testing repaired equipment, and any one which required an airplane which could be considered as expendable.

In the original form, the Ugly Stik was completely upstart. All surfaces were merely cut out of standard sizes of wood with no curves or fillets whatsoever. The plans were finished on a Sunday afternoon some two years ago. A visit to our local hobby shop was made at approximately 4:30 to purchase the wood and other necessary materials. Taking time out for Sunday dinner, and the framework was completed by

10:00 o'clock that evening. Two more evenings were required for covering and dopeing, and on Thursday of that week, the ship was test flown.

Obviously not much time was taken in building or painting. This was to be an expendable, utility airplane. As with most straight-forward functional designs, the Ugly Stik proved to be an excellent flyer. It was extremely stable, very easy to fly, and quite capable of correct performance. I am not sure who first applied the name Ugly Stik to the design, but whoever it was certainly applied a descriptive name. Whatever it was flown, I was subjected to a great deal of kidding about finally having developed an airplane even uglier than the Kwak Fl. There were also a great many requests for plans, particularly among the newcomers to radio control who wanted for an easy-to-fly, rugged, expendable air-

plane to learn on—which this surely is.

There was in this early square dory something suggestive of a World War type aircraft. As a joke with some scribbling on the plans, we came up with a design vaguely reminiscent of the Fokker Eindecker. The results were perhaps a little ugly, but did tend to produce a design with a certain amount of charm and appeal. Certainly it never fails to create a great deal of attention among the spectators at the local flying field.

Performance-wise, it of course can not be claimed as an all out competition Class III model. However, it is certainly capable of winning contests in the hands of a good flyer. While the design has not been used a great deal for contest work, it has several wins to its credit in Class III. Its main virtue is as a trainer for the beginner in proportional. (Continued on page 6)

Modified version



Steve Wilkin



Steve Barker - "Steve's Stik"



Ken's Stik was the biggest



Murray Lewis



Littlest Stiks - Peter Leaney, Bill Britcher & Murray Lewis



You never know what you'll see at our regular Saturday afternoon flying sessions. We fly control line models at Park 19, on the east side of Unley Road where it cuts through the Adelaide Parklands. Greg Nelson mainly flies combat models – Vintage, 1/2A and F2D. He'll be in the Australian team, for next year's Control Line World Championships in Poland and is honing his F2D flying skills, when not travelling interstate to compete. Modern F2D Combat models have fantastic speed and turning ability, requiring very good reflexes from the pilot. Despite recent rule changes reducing muffler outlet area and nitro methane content in the compulsory fuel now at only 5%, Greg's models fly at around 160 KPH – 2.2 seconds per lap – and don't seem to slow down much in the tightest of turns. He drew a fair bit of attention from spectators at the recent Edinburgh Airshow, with his F2D flying demonstrations. Ironically, something noisier would have appealed to the crowd even more on that day. Photo shows the heart of Greg's model. Ukrainian "Fora" F2D engine runs at 28,000-31,000 RPM, fed by high pressure surgical tubing fuel bladder. Moulded glass/Kevlar/epoxy propeller. Mandatory automatic shut-off stops engine within two seconds if the model is accidentally cut from the lines in a combat bout.

At a far slower pace, John Witske shows off his F2B Aerobatic model, inspired by the French Caudron racers from the 1930's. Power comes from a rear-exhaust PA 51 engine, specifically made for F2B Aerobatics by Randy Smith in the USA. It has the equivalent performance of a "60" and delivers dead consistent airspeed throughout the pattern at its customary steady 4-cycle setting. F2B is the only control line area where electric power has found a place, thanks to its ability to automatically control propeller speed under different loads, which regular hobby 2-stroke glowplug engines can't do.

There aren't many ARF control line models available, aside from the specialized combat, speed and racing stuff from Ukraine or Russia. Phil Rundle's Top Flite Nobler is an exception. Made in China, it's light and flies as you would expect for George Aldrich's classic stunt model design. Unfortunately, the R/C style fuel system "as delivered" does not work well for control line flying and Phil has just about got his sorted for reliable operation. The old style McCoy 29 "Red Head" engine from around 1960 gives the right kind of controlled power. The smaller model in the photo is a Keil Kraft Gazelle with a Czech MVVS 1.5cc diesel.

Mal Dyer's Ringmaster vintage stunt model is a regular. Designed by Harry Williamson and published in Model Airplane News October 1951, it pre-dates the much better known Sterling Ringmaster released a few years later. It dates from the time when stunt models flew quite fast, to impress the judges, but Mal flies it at a tamer speed with his trusty OS LA25 up front. Coloured tissue trim gives a nice period look.

Not everything of interest is in the air. Engines are of central interest to most control line flyers and that can extend to making your own. Bill Pudney's latest is a superb Nalon Viper. Designed in 1956-57 to compete with the famous Oliver Tiger, it never progressed beyond the prototype stage. Bill's engine is machined entirely from bar stock and features twin ball races and rear disc induction. It certainly sounds potent and handles like a



Bill's Nalon Viper

thoroughbred. Bill has previously made a Sugden Special and is not far from finishing a pair of Elfin 149's.

My latest project is restoring a rare Vivell Precision 10 back to running condition. American diesels were never very common and this one dating from 1948 is quite a rarity. Made in Oakland California for Earl Vivell by Jim Brown, it's a fine performer and is quite capable of keeping up with the Arden 099 spark ignition engine, which was the standout performer of the day. Unfortunately, Ray Arden's glowplug and fuels with nitro methane changed that and diesels soon disappeared from American skies.

Maris Dislers



Greg Nelson



Ringmaster



John Witzke



Vivell 10



Nobler



F2D detail



CONSTELLATION BIPLANE DAY

Sunday 26th Jan 2020

Biplane fun fly day any power and any size is welcome.

If you like the sound of wind in the rigging and the sight of two wings flying in close proximity this day should do it for you.

BBQ lunch, cool drinks, coffee and tea will be available, takeoff 9am.

CMFC field 338 Brooks Road, Waterloo Corner

HOLDFAST MODEL AERO CLUB
RESULT OF THE BUY & SELL DAY RAFFLE
Drawn at the HMAc Xmas function on 1st December



OR



Thank you to all who purchased tickets. It was a great fundraiser for HMAc. We sold 100 tickets and raised \$500 for the club. Unfortunately, there can be only one winner. And the Winner is Kai Duffield (Holdfast).



Kai is a Junior member who shows great promise to become an advanced pilot. He is 11 years old and graduated from our LIFT program with Bronze wings in March this year. He is a very keen pilot and was overjoyed to get the news.

It is important that we encourage the participation of young people in our sport. We would struggle to think of anyone who would be more encouraged by this win than young Kai.

Our thanks to Mike O'Reilly of Modelflight for the prize. We are fortunate indeed to have Mike's continuing support of the Holdfast Club.



Adelaide Model Aerosport held a Fun Fly and Have a Go Fly event at its Monarto field over the weekend of 5th. and 6th. October.

The weather gods were not entirely kind, which had some impact on the total number of attendees. The smaller than expect number of pilots that braved the conditions had an enjoyable time.

The Club was particularly pleased with the interest in the Have a Go aspect of the weekend with four people having a trial flight under at times challenging weather conditions. The Clubs first foray into this aspect of promoting our wonderful hobby was successful, with one new member joining and the possibility of another.

The raffle, held in conjunction with the fun fly, was well supported by attendees at the SA Helifest the weekend before. Due to the lower than expected attendance over the fun fly, participation in the raffle was slightly lower than planned. Despite this, the Club had some wonderful prizes donated and these were gladly accepted by the lucky winners (including one lucky winner from WA). The most excited recipient was Harley Rayner who was fortunate to win the prize of an RTF trainer kindly donated by Modelflight. The Committee would like to thank Mike O'Reilly for his support of the weekend and for paying us a visit on the Sunday where despite the windy weather he flew a large foam Cessna to the enjoyment of the spectators.



We would also like to thank Murray Bridge Mitre 10, Balsacentral and Trevor Woolfitt for their generous support of the weekend through the donation of prizes.

It is also important to acknowledge the sterling work of our field management team Richard Grantham and Trevor Nelson who went to considerable effort to prepare the field for the weekend. Our thanks also go to Allan Diggle who led the ever-capable catering team to ensure those who attended had something tasty to eat.

The weekend was a success both financially and in attracting potential members and the Committee have agreed that we will schedule another Fun Fly next year and we encourage as many of you as possible to enjoy some flying at our Monarto Field.







Constellation Model Flying Club Electric Day and Helicopter and rotary wing fun fly day 12th January 2020

The event is open to any model aircraft powered with electric motors. The club has installed a wiring and charging facility.

The day has been combined with a Helicopter and rotary wing day. Open to any form of rotary winged aircraft.

Switch on time is 9am and any manner of electrical propulsion is welcome and any type of aircraft may be used.

As always please be careful when arming your aircraft.

A BBQ lunch, coffee and cool drinks will be available.

So why not come out to Connie and enjoy a FUN day out.

CMFC field 338 Brooks Road, Waterloo Corner.

MINUTES OF THE MANAGEMENT COMMITTEE OF MASA INC

**Held on 4th December 2019 at The Restless Dance Theatre
Meeting Room**

Meeting opened by the President at 19.34Hrs

PRESENT: President, Vice President, Secretary, Treasurer, Adelaide Aero Modellers [AAC], Adelaide Model Aero Sport [AMA], Adelaide FPV Racing [AFPVR, Barossa [BVMAC], Concorde, Constellation [CMFC], Helicopter [SARCH], Holdfast [HMAC], Goolwa Indoor Model Flyers Club [GIMFC], Indoor Flyers [SAIF], Moonta [MMAC], Noarlunga [NMAS], Northern Soaring League [NSL], Old Timer [OT], Onkaparinga Radio Aero Modellers [ORAM, Newsletter Editor, Pylon [SAMPRA], Scale Society [SASOSA], Skyhawks [SA], South Coast [SCMAS], South Hummocks [SHMAC], Southern Soaring League [SSL], Strathalbyn [SMAC]

VISITORS: Nil. **APOLOGIES:** Vice President. NL Editor, AAC, AMA.

Minutes of previous meeting It was moved by the SMAC seconded by SSL that the minutes of the previous meeting be accepted. Carried.

BUSINESS ARISING FROM PREVIOUS MINUTES

Finniss Property South. SCMAC have been busy working towards physical improvements to the parking areas. Behind the scenes, the club is progressing with an application for an area approval with CASA along with securing the water allocation with the relevant authorities. MASA through John Modistach, is working towards share farming the unleased portion of land.

Presidents Conference. The meeting was held on the 16th November with 30 delegates attending. The forum provided an excellent opportunity for delegates to network and be updated with the latest information from MAAA and CASA along with local issues. The secretary has since compiled a summary of the meeting which has sent out to all club secretaries.

Instructors course. The SFI re confirmed that the next refresher course will be held on January 11th 2020 at the Holdfast Model Aero club venue. Again, current Instructors are reminded that re certification is required 31st July 2020 after which the rating will lapse.

BLAM. Post endorsement from MASA, the club application to acquire land at Mt Gambier has been lodged with the MAAA to progress as required. An MAAA working party was established however due to insufficient time to present a proposal to the seller, the property was sold.

Heavy Model Inspectors. Two applicants have recently applied and successfully completed the requirements to become FW25 Inspectors. MASA conveys their congratulations to both applicants, A. Merryweather and Brett Oakley. The nominations have been forwarded to the MAAA for authorisation by the MAAA Executive.

CORRESPONDENCE IN

AFPVR	--	Emergency information package
BMF	--	Cancellation of water supply
Skyhawks	--	Various issues.
MAAA	--	SCMAC Area Application issue
P Leaney	--	Banner Flag quotes
Concorde	--	Invoices for below ground works toilet block
SHMAC	--	Endorsement for B.Oakley FW25 Inspector
Skyhawks	--	Direct MAAA membership
Skyhawks	--	Motion from President
AAC	--	Category report

CORRESPONDENCE OUT

Club Secs - President Conference Summary and Statement of Expectations

BUSINESS ARISING from Correspondence

AFPVR. The club president Jayme Moreland, has recently produced documents to tidy up their practices and have provided an opportunity for other clubs to take advantage of the template

produced covering a New Member Information package and Club Emergency Information package. Interested clubs should contact jayne_moreland@yahoo.com.au

Banner Flags. Skyhawks and SCMAC will be participating in the MASA 50/50 offer for Banner Flags. MASA intends to place an order early in the New Year and seeks expression of interest from other clubs around the state prior to placing the order as the greater the quantity the better the discount for all. Clubs with interest should contact the MASA secretary.

BMF. The meeting discussed the request from the club to disconnect the water supply and avoid ongoing costs of the service fee. In consideration that the MASA owned field would be disposing of an asset and costs would be involved in the disconnection, a motion was put by Skyhawks and seconded by SCMAC that MASA agree to approach SA Water with a view of disconnecting the water supply however to first negotiate with the club towards an agreeance for the club to contribute half of the cost of any disconnection fee. Motion carried.

Skyhawks. The club raised several issues via email requiring attention and it was mutually agreed that these matters be resolved at a face to face meeting with MASA and the club executive as soon as practical. Aligned with previous issues the following specific motion was received via email:

“Moved SKYHAWKS and seconded by somebody please.

The minutes of the MASA meetings be sent directly to the secretaries of all South Australian Model Aircraft Clubs.

My argument is that unless club executive members bother to access the MASA monthly newsletters or the club delegates do not attend your meetings then clubs are unaware of the ongoing MASA business. Harold Willson Skyhawks President”.

It was moved by Skyhawks and seconded by Concorde that ***The minutes of the MASA meetings be sent directly to the secretaries of all South Australian Model Aircraft Clubs.***

Comment was raised that the topic of club communication was voted on at the recent Presidents Conference with the result being the status quo remain.

Following conclusion of an extended discussion, including the fact that the MASA minutes form an integral part of the monthly MASA newsletter and club secretaries are advised each month by the

webmaster of the release of the newsletter, the motion was put to the meeting and DEFEATED on a unanimous vote.

COMMENT: As a result of this motion, Minutes of the Monthly MASA committee meeting will as normal be published in the online MASA Newsletter. The webmaster will continue to advise club secretaries when the minutes are online. The President stressed that it is very important that all club committees including the Executive should read the minutes each month to properly serve their members and fulfil their corporate responsibilities.

MEMBERSHIP

Clubs Affiliated with MASA (29)

Senior 813

Junior 21

Life 6

CATEGORY REPORTS

The highlight for AAC in November was participating in the MASA display at the RAAF Edinburgh Air Show. CL displays were conducted on both Saturday and Sunday.

AAC members involved were Peter Anglberger, John Barbara, Maris Dislers, Jeff Fry, Robin Gilbert, Allan Morris, Greg Nelson and David Stephens. Thanks to all for their efforts.

The public greatly enjoyed both single combat and racing models flying on Saturday and the 4 mock team races on Sunday. I received many positive comments in passing from spectators.

I would also like to extend a big thank you to the MASA Promotions subcommittee for enabling the display, in particular David Mifsud for the fantastic work and long hours he put into organising and conducting the MASA display. The stand and the static display looked fantastic. All of the MASA volunteers in attendance did a great job promoting our organisation and aeromodelling. Regards, Peter.

GENERAL BUSINESS

- **Heavy Model Inspector.** Brett Oakley from SHMAC has been successful in achieving endorsement as a FW25

Inspector. The paperwork has since been finalised and the Secretary has forwarded on the details to the MAAA for inclusion into the MAAA executive meeting agenda held in December where both inspectors A. Merryweather and Brett Oakley will be finally endorsed.

The MASA Chief Heavy Model Examiner, John Modistach, expressed concern that he believed from information received that some Inspectors and Pilots/Builders may not be conducting inspections in accordance with requirements.

- **MASA Calendar.** The meeting was advised that the calendar still has some dates available. Also worthy of note, clubs are reminded that if an event is not registered and published in the MASA calendar, then the event is not a MASA sanctioned event.
-
- **Working with Children Checks.** This item is now closed with all the relevant information sent out to clubs and available for perusal on the MASA website.
- **Sports Recognition.** HMAc report they are continuing their line of enquiry on this project through their contact in government.
- **HMAc.** The club indicated they have been successful in acquiring government grants and will be taking delivery of a new ride on mower shortly.
- **Training Team Equipment.** The process of acquiring suitable cases to house the training equipment remains in progress as approved by committee at the November meeting.
- **Safety Matters.** Clarification was sought following a recent propeller strike to a modeller's finger that appeared on a social media site. As it was not clear where the incident occurred, the question was raised, "would that person be covered by insurance if the incident happened at home". The President agreed to raise this matter with the insurance company and seek a definitive clarification. However he believed that a member would not be covered if the accident occurred at home.

*"Safety is not about big brother or the fun police,
Simply working towards a positive safety culture".*

In conclusion, the President thanked the delegates for their time and input into supporting the effective running of MASA during the year and wished all a Safe and Happy Christmas break and invited delegates to share in some light refreshments.

There being no further business

**Meeting Closed 21.30 Hrs
Next Meeting Wednesday 5th February 2020
at The Restless Dance Theatre 195 Gilles Street Adelaide**



Position of MASA Secretary

At the 2018 AGM the current secretary expressed a desire to stand down from the position of secretary after five years of service to MASA. Unfortunately, no nominations were received and the secretary agreed to caretake the position until a suitable replacement is found. The flexibility for this arrangement has now reached its elastic limit and the current incumbent **will** stand down at the May 2020 Annual General Meeting.

Model Aero Sport SA is seeking to recruit a suitable applicant to fill the position of Secretary and seeks expressions of interest from the committee and members of MASA.

A job description has been prepared and is available on request.

Reality Check

MASA has experienced consistent leadership for a long period of time and members should not become complacent in the fact that any long serving members will continue indefinitely.

At the next AGM, the positions of President and Treasurer will also be up for re-election. If the existing incumbents elect not to re nominate and no nominations are forthcoming, the continuity of the MASA committee could be in a dire state and being unable to function, control of Aeromodelling in SA may well relegate back to the National body. State guidance will not be available, persons making decisions may have no knowledge of the South Australia environment.

Utilisation of our younger membership, encouraging them to step up and transition into the future leadership of MASA, would be a logical and realistic investment in the future survival of Aeromodelling in SA. At present this can be done, and advantage taken of the existing team knowledge base. This may not be available if we wait too long. If you value the future of your organisation, MASA, now is the time to ensure its future.

Expressions of Interest in the position are welcomed

and requests for the Job & Person Description should be forwarded to:

secretary@masa.org.au

F5J australia



**SSL PARK, NINE MILE RD, MILANG SA
MARCH 7TH, 8TH AND 9TH, 2020**

3 BIG DAYS OF F5J COMPETITION

Qualifying rounds on all 3 days with
fly-off rounds on Monday

2 man teams

Battery charging , kitchen, shower and camping
facilities available at the field



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[Our] favorite warbird yet...the power is unbelievable.!!

– BIGALANDSON, HorizonHobby.com customer review



NEW

P-39 Airacobra 1.2m

E-flite® warbirds deliver an outstanding scale flying experience flight after flight. From intricate surface details including panel lines, rivets and more, to authentic trim schemes and functional features including flaps and retracts, they not only look great — they fly great too. Plus many are available in Bind-N-Fly® Basic versions that include the advantages of exclusive Spektrum™ AS3X® and SAFE® Select technologies so they fly like they're on rails while also being easier to fly than other warbird models.



BACK AGAIN

Carbon-Z T-28 2.0m



T-28 Trojan 1.2m



P-51D Mustang 1.2m



P-47 Razorback 1.2m



F4U Corsair 1.2m



Spitfire Mk XIV 1.2m

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**BEST
BRANDS
IN RC**

modelflight RC

MASA EVENTS CALENDAR 2019

DATE	EVENT	VENUE	HOST
DECEMBER			
12	Indoor At Paradise Primary School	Paradise	SAIF
21	Indoor at Goolwa	Goolwa Community Stadium	GIMFC
MASA EVENTS CALENDAR 2020			
JANUARY			
8	Mid-Week Glider and Training	Milang	SSL
12	F5J Electric Thermal	Milang	SSL
12	Electric Fun Fly and Helicopter Day	Constellation	CMFC
18	Indoor at Goolwa	Goolwa Community Stadium	GIMFC
19	Scale Glider Aero Tow	South Coast - Finnis	SSL/SCMAC
22	Indoor At Paradise Primary School	Paradise	SAIF
25 - 26	Tapanappa Slope Weekend	Tapanappa	SSL
26	Biplane Fun Fly Day	Constellation	CMF
FEBRUARY			
1	Indoor At Cornerstone College	Mt Barker	SMAC
2	HMAC Pylon and Club Competition	Holdfast	HMAC
2	Open Thermal	Milang	SSL
5	Mid-Week Glider and Training	Milang	SSL
9	Pylon Racing	Constellation	SAMPRA
13	Indoor At Paradise Primary School	Paradise	SAIF
15	Indoor at Goolwa	Goolwa Community Stadium	GIMFC
16	Glider Day incl. Radian and F5J-2m	Constellation	CMFC/SSL
16	Precision Aerobatics	AMA Monarto	SAPA
23	F5J Electric Thermal	Milang	SSL
MARCH			
1	HMAC Pylon and Club Competition	Holdfast	HMAC
4	Mid-Week Glider and Training	Milang	SSL
7	Indoor At Cornerstone College	Mt Barker	SMAC
7 - 8 - 9	Open F5J International	Milang	SSL
12	Indoor At Paradise Primary School	Paradise	SAIF
14	Indoor at Goolwa	Goolwa Community Stadium	GIMFC
15	Radian / F3RES / 2M F5J	Milang	SSL
15	Scale Fun Fly Day	Moonta Club Field	SASOSA
22	Sidewalk Sale	Constellation	CMFC
22	Scale Glider Aero Tow	South Coast - Finnis	SSL/SCMAC
27 - 30	Precision Aerobatics MASTERS 2020	Barossa	SAPA
29	Open Thermal	Milang	SSL

The views expressed in this Newsletter are those of the writer of the article and not those of the Newsletter or MASA Inc.
Closing date for each Newsletter is the **Monday** prior to the MASA meeting. (First Wednesday each month)

Executive and Office Bearers

President	Neil Tank Ph. 8325 3056 email: president@masa.org.au
Secretary	Paul Kumela Ph. 0490 371 869 12 Sapphire Road, Morphett Vale SA 5162 email: secretary@masa.org.au
Treasurer	Garry Oakley Ph. 0417 814 373 email: treasurer@masa.org.au
Vice President	David Mifsud Ph. 0413 512 350 email: vicepresident@masa.org.au

Public Officer
Auditor
Newsletter Editor

Registrar
Senior Flying Instructor

Paul Kumela
Richard Homes
Bob McEwin Ph. 0499 018 288
email: newslettereditor@masa.org.au
Garry Oakley Ph. 0417 814 373
Garry Oakley Ph. 0417 814 373
email: sfi@masa.org.au

ANNUAL FEES: 2019 - 2020

Senior \$118.00 Pensioner \$118.00 Junior \$59.00
Reductions apply after 1st Jan. **FOR NEW MEMBERS ONLY**

Club Affiliation Fee \$10.00 for all Clubs
Please note:- **Member clubs of MASA must affiliate through the MAAA**

CATEGORY MEETINGS

Control Line Second Tuesday monthly at 8.00pm
Seven Stars Saloon, Angas St, ADELAIDE
Radio Control Nil

Category Chairpersons

Control Line	Peter Anglberger Ph. 0448 433 282 email: peteranglberger@hotmail.com
Radio Control	Bill Kent Ph. 0414 883 429 email: wmkent48@gmail.com

Website

www.masa.org.au
web master: webadmin@masa.org.au