

JULY 2020

NEWSLETTER



IN THIS ISSUE

5
Park Flying
7
Loctite v Plastic
8
Hydro-PropJet Pt1

Administration

2
Apology
4
Newsletter Editor
16
MASA Minutes
19
AGM Notice
23
MASA Events

Advertising

22
Modelflight

Point Ten pylon returns to HMAC





APOLOGY

The June Newsletter contained an article which appeared on page 18 that has been deemed by several members and the Commissioner for Equal opportunity to be:

“not only offensive (as evidenced by this being brought to the attention of my office by a member of the public), but harmful. Promoting sexism and stereotypes about gender have been shown to significantly contribute to a society that condones violence (in all forms) towards women..... and are out-of-step with today’s societal attitudes. They are prejudicial comments that ridicule and degrade the contribution and position of women in our community.

As such, not only do they leave your association open to a complaint of sex discrimination under the Act, they are likely to harm your association’s reputation within the community and limit your potential for membership growth, amongst both men and women who may be offended by the content”.

As President of MASA I acknowledge the comments of the Commissioner and sincerely and unreservedly apologise to any person offended or harmed by this article.

When brought to the attention of the Executive the article was immediately removed from the website publication. Unfortunately, a

PDF version of the newsletter was forwarded to all club secretaries; I ask all club secretaries to immediately delete this document.

Model Aero Sport South Australia Inc. is and has always been an all-inclusive organisation open to all members of the community and will continue to be so. The organisation is committed to the principles of Equal Opportunity.

Because of the publication, the Newsletter Editor has resigned from the position.

Once again, the Model Aero Sport Inc. unreservedly apologise to any person offended or harmed by the article.

J. Neil Tank

President



NEWSLETTER EDITOR VACANCY

Due to unfortunate circumstances the Newsletter Editor, Bob McEwin has resigned from the position effective forthwith.

Bob has held the position for many years and has performed his duties in an exemplary way. Because of his conscious dedication to aeromodelling, Bob was awarded an MAAA Service Award by the MAAA Council in May 2020.

On behalf of all members of the association, I sincerely thank Bob for his dedication and contribution to MASA and aeromodelling. Bob has been a willing volunteer and will be hard to replace. Volunteers for roles in any organisation do not come easy.

Now is the time for any member who considers he or she has the dedication and attributes to serve MASA in the position of Newsletter Editor to volunteer his/her services. A small honorarium is paid for services. If interested, please contact the President or Secretary for further information.

A non-response may result in the cessation of the newsletter as we know it.

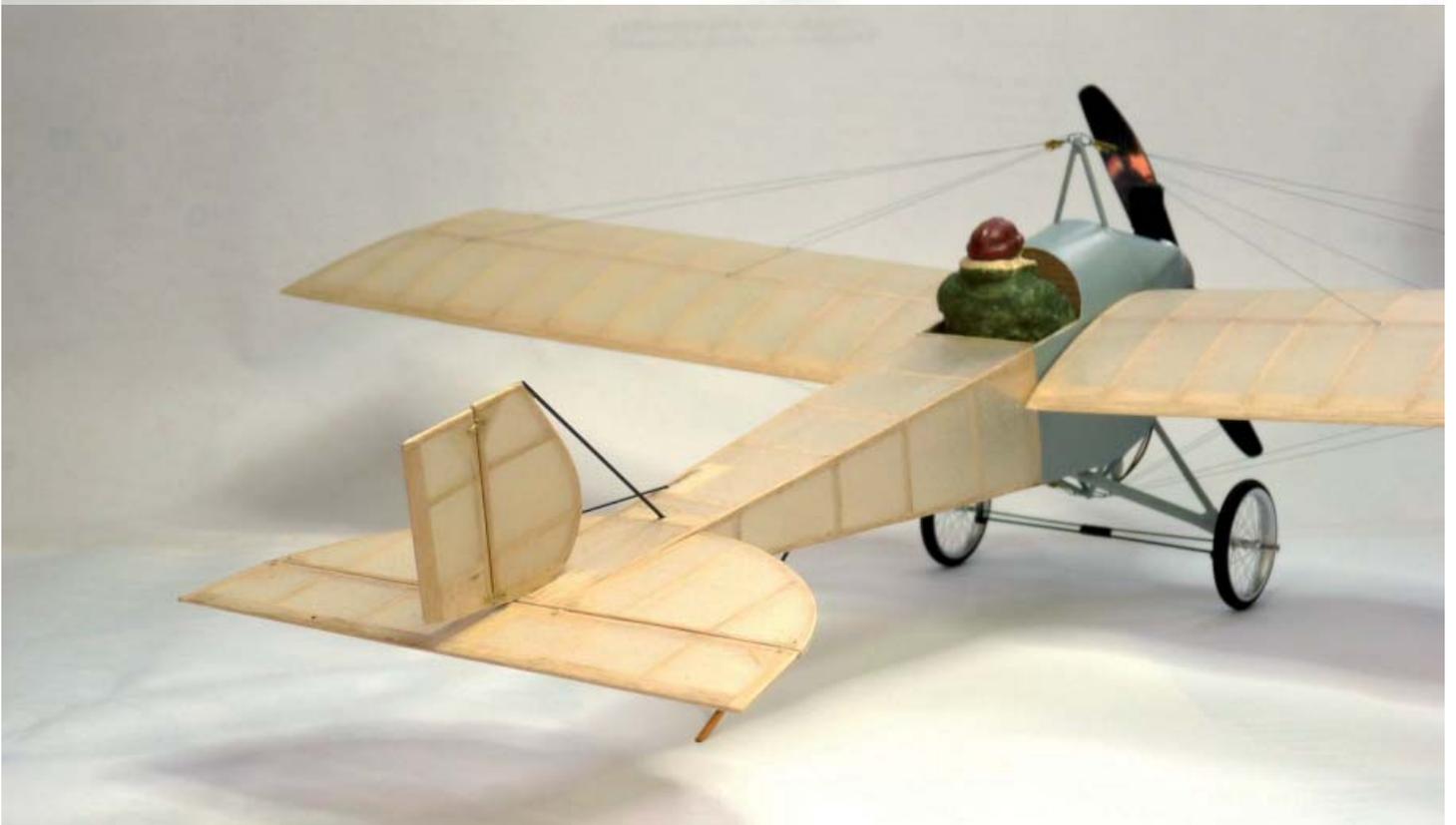
J. Neil Tank

President

PARK FLYING

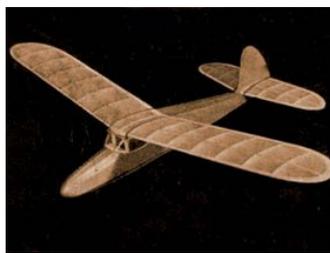
I spent those fabulously calm June days flying my new Eastbourne Monoplane at Victoria Park. Based on the Aero Graphics kit, this 19 inch wing span model scales 45 grams. Three function radio - motor speed, rudder and elevator - uses gear rescued from a Hobbyzone Champ RTF foamie. Actually, elevator control is unnecessary, because motor speed varied height and rudder does the steering. Sunlight shining through the Japanese tissue covering is a delight.

Maris Dislers





CMFC Retro, Vintage and Old Timers Day Sunday 16th August 2020



CMFC Retro, Vintage and Old Timers Fun Fly Day.
Any model design up to 1979, glider, free flight, c/l, r/c
Petrol, glow, diesel, electric, and rubber power.
BBQ lunch and cool drinks available. takeoff 9am.
CMFC field 338 Brooks Road, Waterloo Corner

LOCTITE v PLASTIC

I thought I should share this information with you. It will probably just put my ignorance on display but just in case there are a few of you that aren't aware of it, you might save a model from an unwanted bad landing.

I have a model call a Supercub with funny big fat wheels.

A few of you also have this model or similar.

A few weeks ago I noticed that the ball joint had come off on the elevator control horn. It looked something like this one:

So I thought, the elevator is a critical control surface and if that happened in flight it would be pretty challenging. So I drilled it out a little and placed a very small dia. bolt through it and a nut on the end. I secured the nut with a bit of loctite.



That worked fine for about 3 weeks and I went to SMAC flying field last Friday and flew that model once. Everything seemed fine. When unpacking when I got home I noticed the elevator control rod hanging down loose - disconnected. A section had disappeared from the ball joint arm and also the horn was so brittle around the hole which held the ball joint, that it broke away whilst I was inspecting it. See:

Upon talking to 2 of my friends, Mark Harris and John Nixon, they advised me that loctite and plastic is a big No No.

I found this on Google: http://www.mdsr.ecri.org/summary/detail.aspx?doc_id=8087

There's a suggestion that the following product might be OK:

https://www.bunnings.com.au/loctite-2g-and-4ml-2-part-all-plastic-superglue_p1210073

Does anyone know if it will work with a metal screw/bolt and nut through a plastic hole?

Cheers

Peter Mirtschin



HYDRO-PROJET Part 1

During the recent closure of flying fields due to the virus, I have found a lot more time to create my own design models using my favoured material, Depron sheets. With the constant increase of limitations and regulations in our beloved hobby I have started to build very light micro models, mainly EDF powered jets with the smallest power units currently available on the market. My aim is to keep them under the weight limit to be able to fly them without any restrictions at the time and place of my choice in order to enjoy and keep my flying skills up.

As mentioned in another of my recent articles (The size never matters) I find some of these small EDF jets take lot more skill to handle than a decent size two metre jet model, especially while hand launching. I also find them to be great test prototypes to experiment with, to work out the basics such as centre of gravity, thrust line of the power units etc before building larger projects. One of my favourite types of jets are Deltas, mainly for their control simplicity, keep the weight to minimum and using only two elevon servos with the smaller hand launch ones and an additional servo for the nose steering with the larger models fitted with the landing gear. I still finding these models very controllable, even without rudder function.



Float hull under construction



25% larger frame with new nacelle size reduction

While regularly enjoying flights with three of my Delta water planes (Skippers and the larger XL version) I came up with an idea while walking back from the lake to create my own design water plane as a hybrid combination of EDF and prop power. At first, I thought to build one on a smaller scale using tiny twin 30mm EDF units and a small 22 size brushless motor. However, with the recent problems in ordering anything from overseas I gave it a miss and went through my spare parts box to see what I had to start with. With a variety of medium size prop motors to choose and a hardly started ARF kit of a twin 70mm EDF, "Warthog" still in the box, I thought this would be a great way to get into it on a slightly larger scale.

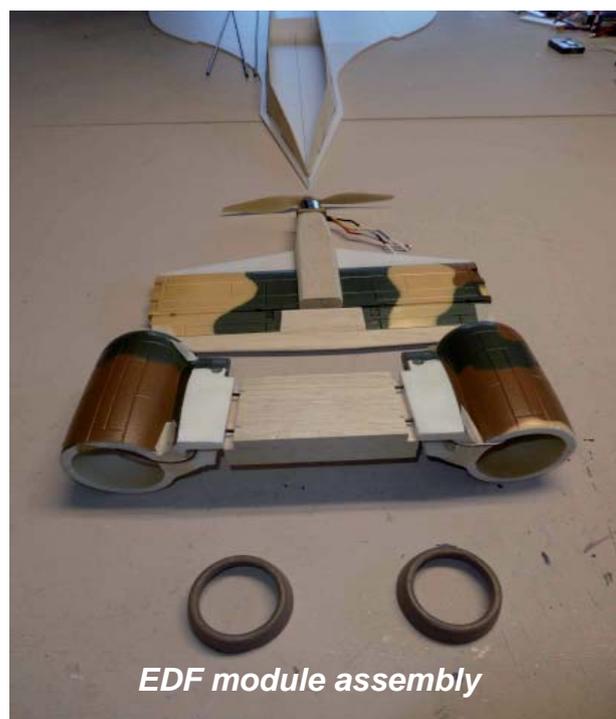
Next thing, I took out a sheet of A4 and jumped straight into a drawing of what I had briefly on my mind. Twin EDF power in the nose section, well

above the water line and the prop job at the rear fin similar to the “Skipper” design. Over the following few days I did series of about dozen more drawings, and finally selected the one that tickled my fancy the most. The size of the model was the next question, thinking of some 1.3 meter full length and a span of a Depron sheet at some 70cm or close to it. After cutting out the first Depron layout and placing it down with the 70mm EDF units, it just didn't look right scale wise! The frame was too



small or the power units too large, so it was back to the drawing and a new 25% larger frame on a few new Depron sheets joined together. Even at this size, the main frame looked slightly small for the power units in the nose section so the easiest way was to do bit of surgery to the EDF nacelles to reduce their size.

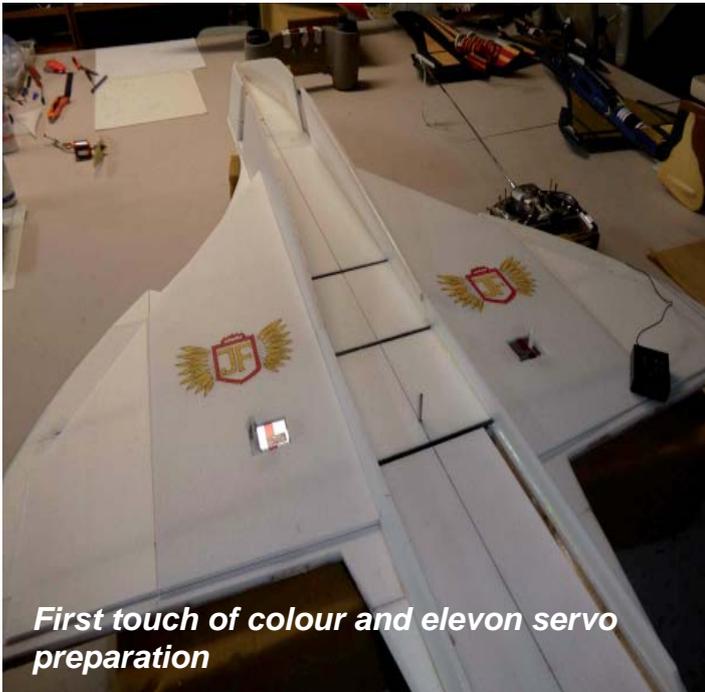
After cutting and separating the whole twin power unit apart I have created a shorter nacelle version with modified exhaust outlets and joined the two together at a much wider span with some 5 degrees of sideways thrust to minimize the efflux air stream interfering with the propeller air intake at the rear. Further mods were required to re-route all the power and signal leads. The rear prop power unit was incorporated into a module made of cut out balsa block with Elevator tabs and Rudder fins used from the “A-10” model kit. Elevator planes/stabs with the control tabs had to be modified by some enlargement with more solid hinges fitted and carbon fibre spar reinforced. This whole power and pitch assist controlled module will be fitted to the two carbon fibre strengthened fins,



EDF module assembly

well secured to the base of the rear fuselage and laminated from two layers of Depron sheet and a number of lateral carbon fibre spars running along the Delta wing to eliminate any flex. Over the years I have found Epoxy bonding is the only way to laminate these large surfaces which unfortunately adds lot of extra weight, but any other glue doesn't seem to cure in these air access restricted areas.

The belly's float hull was created out of 4mm ply adding great strength to the full length of the frame. The centre of gravity was based on some of my similar shaped Delta models, and the 'lift off step' was positioned at its point which can be reposition at further stage after flying trials. Prior to closing and sealing off the hull section I have built provision for the nose landing gear, also removable rudder fin for steering in the water after



First touch of colour and elevon servo preparation



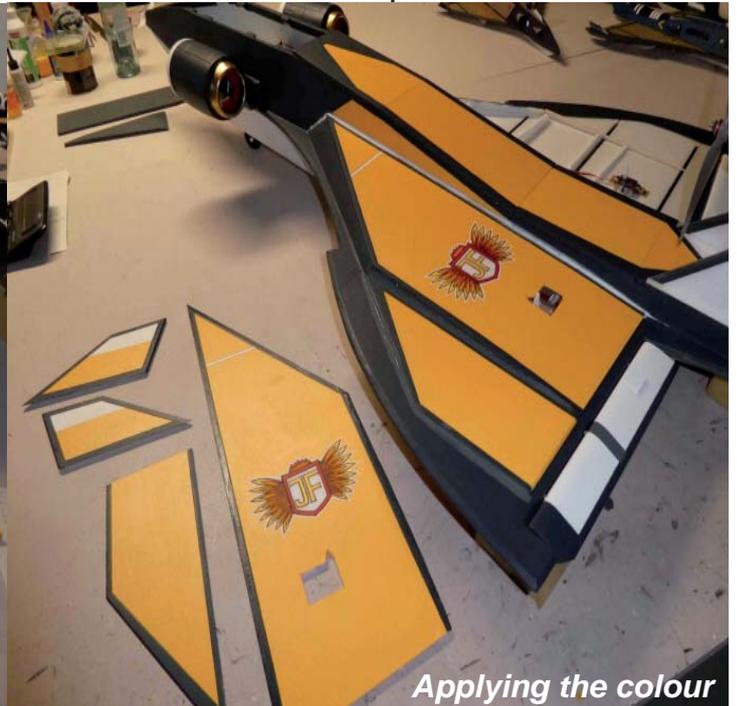
Sealing of the hull

initial flying off the ground with the simple alloy landing gear to sort out all the unknowns first.

The timber/Depron built hull was well impregnated with numerous coats of various water based sealers, paint and the final gloss resin finish over the entire model. Elevon metal gear servos with the control horns and push rods had to be placed on the top of the wing, imbedded inside wing cavities and sealed off as much as possible to minimize



Elevon servo and prop motor bench run



Applying the colour

any water penetration in the case of future water action flying. The only thing stopping me flying it off the water will be the excessive water wash, getting into the front nacelle air intakes. (Hope not!) If that occurs, I may raise the twin set of EDF units some 10cm higher but I will deal with it after some flying trials first before I place the model in the water to find out the draft of the hull and add correct size of float pods under the wings for stability during water trials. At the worst scenario, and the "H²O" creating unsolvable



Provisional landing gear machined and welded



Static thrust tests

problems, all I will have to do is to remove the word “Hydro” from the title and just call it “EDF-Prop-Jet”. The entire build took me just under 200 hours to create and after some static test runs to see what it pulls like, it looks very promising at one to one power to weight ratio. Stay tuned for the next chapter, the flying action trials. Happy and safe flying,
Joseph Frost.



Next to “Skipper”, the inspiration.

EDF Hydro-PropJet Carbon fibre/laminate ply reinforced Depron scratch build R/C model. Length 195cm, W/span 105c cm. AUW ~3300g. Including 3S/4Ah. EDFs and 3S/3.3Ah prop motor high C-rate batteries. Power, 2x70mm EDFs, 50A/ESCs (Ex. Starmax “A-10” ARF) + 35/42/1400kv. Brushless motor spinning 10¼ x 5½ .5 APC prop off 85A/HET/ESC. Elevon and Elevator - 6.5 kg metal gear servos. Nose gear steering - 9kg metal gear servo. 9ch./2.4GHz RX configured as Delta/Elevon with Elevator assist mix with 3 different TA options. Pic. - C19 Micro & mini EDF fleet, the smaller they are the faster they appear in the air at over 200km/h.



SOUTH COAST MODEL AEROSPORT CLUB

In conjunction with

SCALE AIRCRAFT SOCIETY of SOUTH AUSTRALIA

**Will be conducting a Fun Fly Day on Sunday September 20th 2020
@ the South Coast Field, 803 Finniss – Clayton Road, Clayton Bay.**

To celebrate the

**Official Opening of the Flying Field,
80th Anniversary of the BATTLE OF BRITAN {Aug 1940}**

&

75th Anniversary of the END OF WWII {2nd Sep 1945}

Food & Drinks will be available on Sunday.

There is a Control Line Circle available for those who fly Control Line

Camping available on site for a modest fee.

**Why not travel down on Saturday, have a practice Fly, stay the night & get an early start
on the Sunday.**

**All attending will need to comply with Covid-19 restrictions that are in place at this time,
& S.C.M.A.C. Rules**

Contact S.C.M.A.C Secretary Kevin Wright: ksdwright@netscape.net to book camping spot



Ringmaster Fly-A-Thon 2020



The Brotherhood of the Ring is sponsoring its 13th Annual Fly-A-Thon event:
October 3th & 4th, 2020

Matt Kania's beloved Ringmaster control line model has been built and flown by more modelers than any other control line model aeroplane!

This is not a contest! No registration is required. There are no entry fees or prizes!
This Fly-A-Thon is to *honour* the most popular CL model ever!!

This year the **South Hummocks MAC** will be holding their participation in this event at

Laundy Field
2721 North Coast Rd, Cassini
Kangaroo Island

Anyone who wishes to camp at the field is more than welcome though you will need to be completely self sufficient. There will be a back to back Portaloo.

We have organised some Large Motorhome sites at a reduced rate at the **Discovery Lagoon Caravan & Camping Grounds**. This is approximately 10 minutes from Mick and Roma Laundys' property. We will be having a Sausage Sizzle BBQ on the Saturday Night, cost will be \$5 a head.

Why not take a little holiday to Kangaroo Island and attach the Ringmaster Fly-A-Thon onto the start, middle or end of your trip. It will also inject a little bit into the islands economy, they need it after the Bushfires and Covid-19.

If you are interested you must contact Ned, email: sthummocks@bigpond.com

Gathering of the Cubs



Date: 13-14 Mar 2021

Time: 0800hrs

South Hummocks MAC

129 Gulfview Rd,

South Hummocks.



WANT TO HELP SET A RECORD?

The Guinness Book of Records has been contacted. SHMAC is attempting to set an Australian Record for the Most Number of Cubs in One Place at One time.

If you have a Cub, any Cub, or you have thought about building a Cub, why not build one and be apart of this attempt. Let us know.

Contact Ned via:

email: sthummocks@bigpond.com

Bordertown Aerotow 2020

WHEN: FRIDAY NOVEMBER 27TH - SUNDAY NOVEMBER 29TH
WHERE: BORDERTOWN AERODROME (YBOR) SOUTH AUSTRALIA



SAVE THE DATE

MINUTES OF THE MASA EXECUTIVE MEETING

A meeting of the MASA executive was held on 1st July 2020
via Zoom Teleconferencing

Meeting opened by the President at 7.35Hrs

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: SSL, Concorde, South Hummocks.

APOLOGIES: Nil

Minutes of previous meeting It was moved by the President seconded by the Treasurer, that the minutes of the previous meeting be accepted. Carried.

BUSINESS ARISING FROM PREVIOUS MINUTES

MAAA Assistance Scheme. The MAAA has completed their review and the two successful SA clubs, Skyhawks and Constellation have been notified.

AAC Trophy Support. The club has been reimbursed for the cost of trophies.

CORRESPONDENCE IN

Revenue SA	-- SA Land Tax Changes 20/21
Treasurer	-- Financials
Anderson Solicitors	-- Sharefarming lease
Concorde	-- Insurance Claim progress

CORRESPONDENCE OUT

Club Secs	-- Notice of AGM
Anderson Solicitors	-- Signed leases for registration
Anderson Solicitors	-- Ammended lease returned

BUSINESS ARISING from Correspondence

Revenue SA. The timeframe response has been extended out to July 31st. The secretary contacted Revenue SA and was advised by the department that no further action in response to their letter was required.

Finniss Share Farming lease. A meeting was held with farmer and the under lease subsequently signed and forwarded to on to Andersons Solicitors. The lease was returned from solicitor requiring a second lessee signature which was added at a follow up onsite meeting with the lessee on 30th June. The under lease process has now been finalised.

Finniss Safety issue. The sharefarmer has alerted MASA that the unused and derelict dam located on the property presents several hazards its current condition. The President and Secretary conducted a site inspection on 30th June and together with the full executive discussed the benefits of filling in the dam and reclaiming the usable area of land as a risk mitigation process. A motion was put by SHMAC and seconded by Concorde that the dam be filled in and levelled as required and a quote be obtained. Motion carried.

MEMBERSHIP No details available this month being EOFY.

Clubs Affiliated with MASA 29

Seniors

Juniors

Life 6

CATEGORY REPORTS

No category report from ACC this month.

GENERAL BUSINESS

MASA AGM. With the recent changes as of 29th June, the **AGM will be held on the 24th July at the Restless Dance Theatre 195 Gilles St Adelaide at 7.30pm.**

The maximum number of people on site is now **40** and attendees are requested by the venue to comply with standard Covid 19 and hygiene requirements.

A copy of the agenda for the meeting can be found on the MASA website by looking under Newsflash and right clicking on AGM.

MASA COMMITTEE MEETINGS. With the easing of restrictions, the next full committee meeting of MASA is scheduled for **Wednesday 5th August 7.30pm** at the normal venue. The maximum number of people on site is now **40** and attendees are requested by the venue to comply with standard Covid 19 and hygiene requirements.

Zoom Video conferencing. The executive has established a monthly Zoom account on a trial basis and will be in place for the AGM and subsequent meetings at the usual

venue. Members wishing to participate via zoom should contact the President and request an invite to access the meetings.

MASA component in MAAA Assistance Scheme. This item is to be carried forward for discussion as an agenda item at the next full meeting of MASA.

MASA Interclub Trophy Challenge. The Vice President advised that planning has been progressing in the background with a potential start date in October.

Details and calendar dates will be published as soon as the final format is completed.

MASA will be supporting clubs who elect to make their venues available to host elements of the challenge as an incentive in participation.

Instructor Recertification course. With the COVID 19 situation the courses completion date has been extended out by 12 months.

MASA is looking at running the next course in November 2020 and March 2021. Instructors wishing to complete the recertification course should contact the SFI Garry Oakley treasurer@masa.org.au for further information.

Club Executives Changes. As clubs hold their AGM,s it is important that any change of executive positions be forwarded to the MASA secretary along with the club registrar updating the MAAA database to reflect the changes and aid communication out to the correct people.

MASA Interest Free Loans. The MASA executive has recommended that interest free loans be available to all current affiliated clubs. This topic will be a late agenda item for the upcoming AGM.

Member Issues. Some time ago an agreement was made at MASA level for club representatives to advise the MASA committee of difficulties with individual members. The overarching concern expressed in this agreement, is the potential for the continuation of issues when members move on to other clubs.

MASA Calendar. With the easing of restrictions, the MASA calendar has now been reopened. Clubs wishing to lock in event dates should contact;

Bill Kent wmkent48@gmail.com

There being no further business. Meeting Closed 20.36Hrs

**Next Meeting Wednesday 5th August 2020
195 Gilles St Adelaide 7.30PM and via Zoom Video conferencing**

MODEL AEROSPORT SA INCORPORATED NOTICE OF MEETING

THE ANNUAL GENERAL MEETING OF MODEL AEROSPORT SA INCORPORATED

will be held on **Friday 24th July 2020**

at the Restless Dance Theatre meeting room.
195 Gilles Street Adelaide.
and via Zoom Video conferencing

Commencing at 7.30 pm.

2020 Annual General Meeting Agenda

1. Meeting declared open.
2. Apologies.
3. Minutes of 2019 AGM.
(Published in June 2019 MASA Newsletter)
4. Business Arising from Minutes
5. Executive Reports
6. Category Chairmen's Reports.
7. Financial Report.
8. Honorarium.
9. Fees 2020/2021.
10. Election of Officers.
11. General Business
12. Close.

MASA INC. ANNUAL GENERAL MEETING ELECTION OF EXECUTIVE

NOMINATIONS ARE CALLED FOR THE FOLLOWING POSITIONS.

President	Retiring Member	Neil Tank
Secretary	Retiring Member	Paul Kumela
Treasurer	Retiring Member	Garry Oakley
C/L Chairman	Retiring Member	Peter Anglberger

R/C Chairman position now vested in the MASA committee.

Under the Constitution, Retiring Executive members are automatically eligible for reappointment. Other nominations are to be made on the form below signed by both the Nominee and the Proposer

Nominations must reach the MASA Secretary by FRIDAY April 24th 2020. Now Closed

Note: With the further lifting restrictions as of 29th July.
40 persons are now allowed at the meeting venue.

Border Model Flyers Inc.

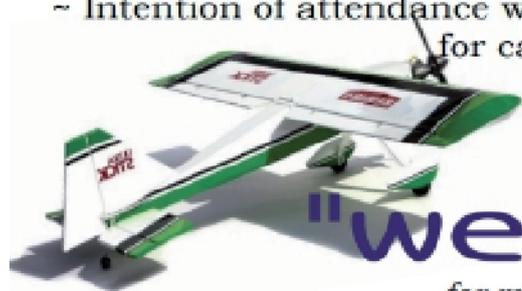
PO Box 41 Pinnaroo SA 5304

Invites you to our
**Pinnaroo
Fun Fly weekend**
September 4th, 5th & 6th 2020

Can include a
FUN FLY GYMKHANA SATURDAY ARVO,
Bank N Yank, Limbo fly under,
Precision Flying Coffee Cup tower, or more ...rules on the day...
....All for FUN....

Flying/Camping fee..\$10.00 each day for all flyers

- ~ BMF flying field is located 1km south of Pinnaroo township, on Mallee Highway B12 signs erected at gate.
- ~ **Camping** available at the flying field, Toilet & rain water onsite.
- ~ **Fully Catered, Brekky and Lunch Saturday & Sunday.**
soft drinks available all weekend.
- ~ Open to all kinds of Aircraft, All sizes
- ~ **Trading Table, Swap Meet Marquee** set up, so bring anything RC to swap, trade or sell. Clean your Hangar out.
- ~ All flyers must have current MAAA affiliation.
- ~ Intention of attendance would be appreciated for catering purposes.



"we fly for FUN"

for more info contact Call or SMS
Chris Black 0407 604 484, Marty Morgan 0427 337 633,
Rob Golden 0429 020 415

NOTE: CURRENT CORONAVIRUS LAWS & RULES WILL APPLY



Scale Fun Fly day 20th September 2020

This is a relaxed flying day for any scale aircraft of any size and power type, scratch or ARF .

All MASA members are welcome and a BBQ lunch will be available along with cool drinks.
Flying to commence at 9am.





E-Flite F-18 80mm EDF Jet

BNF Basic \$999.99



E-Flite Carbon Z T-28 Trojan

BNF Basic \$1,049.99



Spektrum DX8e 8 Channel

Transmitter Only \$429.99



Spektrum AR6610T Receiver

with Telemetry \$119.99

Flex Innovations Flight Control Systems

- Aura 12 Professional \$379.99
- Aura 8 Professional \$319.99
- Aura 8 Advanced \$149.99



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MASA EVENTS CALENDAR 2020

DATE	EVENT	VENUE	HOST
JULY			
12	Pylon Racing	Constellation	SAMPRA
12	Open Thermal	Milang	SSL
18	Indoor at Goolwa	Goolwa Community Stadium	GIMFC
19	Scale Fun Fly Day	Noarlunga MAC TBC	SASOSA
19	Precision Aerobatics	Constellation	SAPA
19	Radian / F3RES / 2M F5J	Milang	SSL
22	Indoor At Paradise Primary School	Paradise	SAIF
26	F5J Electric Thermal	Milang	SSL
AUGUST			
1	Indoor At Cornerstone College	Mt Barker	SMAC
2	HMAC Pylon and Club Competition	Holdfast	HMAC
5	Mid-Week 2m F5J Glider and Training	Milang	SSL
9	Pylon Racing	Constellation	SAMPRA
9	Scale Glider Aero Tow	Milang	SSL
13	Indoor At Paradise Primary School	Paradise	SAIF
15	Indoor at Goolwa	Goolwa Community Stadium	GIMFC
15	Precision Aerobatics – Saturday	Barossa Valley MAC	SAPA
16	Open Thermal	Milang	SSL
16	Retro/Vintage/Old Timer Fun Fly	Constellation	CMFC
23	F5J Electric Thermal	Milang	SSL
SEPTEMBER			
4 - 5 - 6	Border Model Flyers Fun Fly	Pinnaroo	BMF
2	Mid-Week 2m F5J Glider and Training	Milang	SSL
5	Indoor At Cornerstone College	Mt Barker	SMAC
6	Radian / F3RES / 2M F5J	Milang	SSL
6	HMAC Pylon and Club Competition	Holdfast	HMAC
6	Fathers Day		
10	Indoor At Paradise Primary School	Paradise	SAIF
13	Pylon / 100 Lap	Constellation	SAMPRA
13	Precision Aerobatics	SkyHawks	SAPA
19	Indoor at Goolwa	Goolwa Community Stadium	GIMFC
20	Scale Fun Fly Day	South Coast-Clayton Bay Field SASOSA	
20	Concorde Annual Birthday Fun Fly – with Camping	Reeves Plains	Concorde MFC
20	All Scale Day	Constellation	CMFC
27	F5J Electric Thermal	Milang	SSL
OCTOBER			
3 - 4	Ringmaster Fly-a-Thon	Laundry Field Kangaroo Island	SHMAC

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
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email: secretary@masa.org.au

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email: vicepresident@masa.org.au

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Auditor
Newsletter Editor

Paul Kumela
Richard Homes

email: newslettereditor@masa.org.au
Garry Oakley Ph. 0417 814 373
Garry Oakley Ph. 0417 814 373
email: sfi@masa.org.au

Registrar
Senior Flying Instructor

ANNUAL FEES: 2019 - 2020

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

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

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

Website

www.masa.org.au

web master: webadmin@masa.org.au