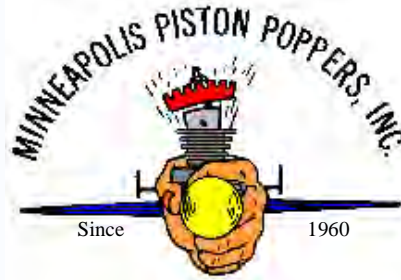


Prop



Wash

July 2016

Prop Wash is a publication of the Piston Poppers Inc., an AMA U-control club

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Any articles for the newsletter are greatly appreciated and will be published as soon as possible. Send to

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June Meeting

Old Business: Tony talked with one of the maintenance workers at the school and decided we won't be moving further east. There are too many ruts in that area, so we'll be staying where we are. The school is pleased with our grass cutting. There will be road construction this summer on 91st, you will have to find another route to the flying field. Tony may post a map via e-mail or in the newsletter. Tom Sontag talked about the kids program. The club worked with about 5-6 kids to get their planes finished. They flew them on June 18th, with Tom getting about 40-50 flights in that day. Each of the kids got about 4-5 flights with just a few minor mishaps.

New Business: We had a new visitor, his name is Dave and he flew C/L some years ago. He's interested in older style engines. Tom is looking for someone to volunteer to use their name and number on the web site as a contact person. We also had a discussion about various suggestions and ideas on the club web site.

Bob and Tony talked about the Polk City contest. Saturday was breezy and they flew combat after the regular events. Keith beat Jim Lee in OT, and Rachael beat Keith in 1/2A.

Show and Tell: Tom Sontag showed us his 1/2A model made with paint stir sticks and scrap balsa,

called the Stick Stir. It also has a detachable motor mount.

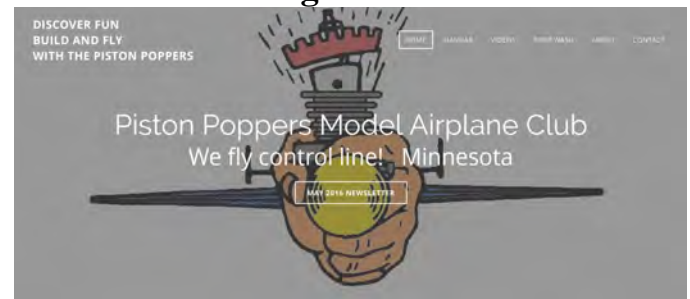
Jim Gevay

New Piston Poppers Website

Check it out. Thanks to Tom and Carey.

<http://www.pistonpoppers.com>

Click on Photo to go to the website



Attention!

Dear Members. We are in need of your input. This newsletter is for the whole club but I only ever get articles from the same few members. You may want to thank them (Bob and Tom) when you see them and thank them for good reading material.

Please submit a short article or even just a photo to share.

Thank you.

Your editor Sean

Videos:

Click on Photo for Video in Word



for PDF....<https://youtu.be/BjrCYdWB8WU>

Click on Photo for Video in Word



for PDF...<https://youtu.be/QQSy7bPROCU>

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for PDF...<https://youtu.be/rDYn1YCjhe4>

Saturday Flying

Got to the flying field on a beautiful Saturday morning, light breezes greeted us with a warm and partly cloudy sparkling sky.

The quiet boys were already there spreading the electrons around. Then as Glen, John, Shug and I got there we brought out the oily, smelly and noisy airplanes. Oh was it great!

Most important it was a group of friends and fellow club members enjoying the day.



Ivars flying quiet.



Jim having a good flight, but where is the noise. He is going to have trouble wiping all those electrons off at the end of the day.



A relaxed Jim.



Look! Up in the sky is it a bird? No it's John flying his overheads.





Another Popper enjoying a good flight. Glen



Sean and the Chief



Keith with an inverted Legacy on another great flying day.



Shug's Chief what a beautiful site.

On the third Sat in a row of perfect flying weather the same club members were once again enjoying light winds and temps in the 70's. On this special day we got to see another first flight from the winter building sessions, Ivars Orange Crush Skyray. A good looking airplane with very little trimming adjustments needed.

John was out for his practice flights warming up for the Fargo contest. Shug flying the Force before putting the Mustang up for another mission. I also

got a flight on the Flite Streak the four stroke never sounded so good.

Pictures of today follow.



The Orange Crush Skyray



Sorry Shug no enemies' just friendly sky's for the Mustang's mission this day.



Ivars was also flying his modified Tutor this is an airplane that with the finish and covering you can see thru the wings looks just as great in the air as on the ground.



In flight shows up nice

On another of our flying days a Sunday after the rains of the week before I made it out to do some mowing. As I was finishing up Tom showed up to do a little motor breaking in on his plane he will use for the next kid build.

It is a 1/2 A trainer he has designed. Which he will use a removable motor mount system. At the last club meeting he talked about the plane and his reason behind the design.



Off on another Mustang mission



On this fine Sunday before the winds came up Jim and Ivars were there to get in a little circle time I also heard that Keith, Rachel and Jeff may be on their way. Hope they made it as I had other plans I had to attend to.

The rest of you should all come out and join us sometime. As these days and memories can only be put on pages like this to show our pride and joys to all.

Bob Cheney

The Popper Meeting

At the meeting tonight there were five Poppers wearing their new club t-shirts and looking good.

One of these proud Poppers that were showing his colors brought along an idea he has been working with.

This goes back to the idea of getting new builders and fliers. A person would build and paint their airplane less motor and mount. The club would then provide a couple of club owned Cox 1/2A motors mounted on removable slide on mounts. Flights would be made and mounts and motors swapped between the different planes. I think is a novel way to get new fliers in the air at low cost. If the interest grows then a motor purchase could be made and the

new flier would have the start to becoming a flying Popper with us.

I like the idea what is yours?

Bob Cheney



What a proud and happy Popper

First Flight: Ryan PT-22 Recruit

Tom took up his new baby, the profile Ryan Recruit, on Sunday July 3rd. Weather was beautiful with a tolerable wind at 8 mph. That is near Tom's upper limit.

The Recruit's O.S. 40FP performed well. With two static runs at DAV, she smoothed with each flight. Jim, Sean and Keith each watched her closely in a series flights; level, waves, inverted, smooth pitches and tight pitches.

Generally she was good. Balance was well on level and in inverted flight; she flew steady without a lot of hunting; wings didn't roll inappropriately, nor did they and the former Rookie need to scamper for a debris bag.

The main issue was the Recruits's backside dropped low on tight pitches, swinging down while waiting for the lift on the main wing, or for thrust, to rescue the maneuver.

Fortunately for the former rookie, the Twister wing with its newly rounded nose and sheeting to the spar, hung in there!

Question: how to fix a drooping tail?

Keith provided a solution: move the linkage for the connecting rod between flap and elevator closer to the hinge of the flap. This decreases relative motion of the elevator while allowing greater motion on the flap.

Tom is looking forward to implementing the control adjustment and to the next shakedown flight of the Recruit.

See you in the circle!

Tom Sontag



The Stickster Trainer

Somewhere between a completed kit provided by the club, and a kit/motor purchased and built by the young flier lies the Stickster.

The purpose of the Stickstir is to provide a cheap, flyable modeling platform to groups, particularly where family finances are tight, or when the flier really only wants a ribbon or merit badge.

The engine is mounted to a removable nacelle and held to the fuselage by a single 2-56 cap head bolt.

The wings, shaped upper fuselage, and tail are scratch built from a scrap balsa bag from Sig.

The nacelle is sized to slip over a standard stir stick from Menards. This opens the possibility that groups, particularly community youth organizations, may be able to receive free balsa, stir sticks and glue from Lowes, Menards or Home

Depot.

Tom broke in the Cox 049 engine last Saturday, and will take her up on the first open and calm day.

Fly on, friends, and encourage the youth!

Tom Sontag



Strega

So I finally got my Brodak Strega ARF out to fly and am breaking in the Enya .61.

It is getting better and better. Had a high outboard wing on first flight but tweaked flaps so now that is corrected.

This is my first BIG plane and wow is it fun to fly. Really feel that thing.

I am starting to get to know it and love flying it.

Bob took some pictures of the first flights.

Sean





Saturdays have been some good fun flying. The sun bouncing off the brick side of the school is like a reflector oven but the shade trees are a nice place to sit and watch the flights. Here are some pictures of our planes. Sean



Ivars, John, Bob and Jeff do some light judging



Keith and Tony prepare



Saturday Pits



Tony's short wing Magnum



Bob's Tutor and Flite Streak



Tony's Jamison Special



Sean's Score



Keith's Legacy



Sean's Primary Force



Ivar's inflight



Ivar's modified Tutor



Bob Tutoring



John's Pathfinder



**MEETING NOTICE: July 28 – Anoka County
Airport at 7:30 PM**

The Piston Poppers Club meetings are held on the last Thursday of each month at the Anoka Co. Airport in Blaine, MN. Enter the airport road from the automatic gates on the West side, turn right and go south past the airport beacon to the 2

hangar. It's the Blue hangar between Thunderbolt Aviation and the Golden Wings Museum, next to the road. Meetings start at 7:30 PM. Visitors are always welcome.

