

PROP PLANE WASH



VOL. 89

NOVEMBER 1982

OFFICERS OF THE S.T.A.R.S. CLUB

PRESIDENT - GARY ECKERT
VICE-PRESIDENT - GARY BROWN
SECRETARY - RAY PAYNE
TREASURER - STAN STANISZEWSKI

PSST!

STARS MEMBERS

STARS MEETING
NOVEMBER 20, 1982

Time: 8pm Site: Northminster
Presbyterian church SEE YOU THERE!



REMEMBER-YOUR AMA BALLOTS FOR DISTRICT II AMA VICE PRESIDENT MUST BE POSTMARKED NO LATER THAN NOVEMBER 25, 1982. EVERY VOTE COUNTS!



Club dues are being collected now! You must have a 1983 AMA & an fcc license to be a STARS member. The deadline for paying your yearly dues is DECEMBER 31, 1982. You will not be called; it's up to you to pay your dues on time, along with showing proof of ama dues being uptodate. If you have any questions, call Stan-Staniszewski.



PLANE PROP WASHES ARE ALWAYS AVAILABLE FREE OF CHARGE AT YOUR LOCAL HOBBY SHOP. STOP IN AND PICK ONE UP THIS MONTH!

THE PLANE PROP WASH IS THE OFFICIAL NEWSLETTER OF THE STARS CLUB; & AS SUCH, ALL PROCEEDS FROM ADVERTISEMENTS, SUBSCRIPTIONS, ETC. GO TO FURTHER ENHANCE THE TREASURY OF THE STARS CLUB. THE PURPOSE OF THE PLANE PROP WASH IS TO KEEP THE MODELERS OF THE STARS CLUB & SUBSCRIBERS AWARE OF HAPPENINGS WHICH INFLUENCE OUR HOBBY. THERE IS NO INTENT TO SHOW FAVORITISM TOWARD ANY CLUB, HOBBY SHOP OR INDIVIDUAL. WE HOPE YOU ENJOY OUR NEWSLETTER.

Classifieds



FOR SALE: Sr. Falcon airplane with Veeco 50 engine - ready to go - only \$110 Call Stan Staniszewski at 699-5844

FOR SALE: Futaba 4LK/3 servos, Kraft electric Cardinal foam ARF plane/Enya contact Greg Thornton at 343-6680 (work) or 342-2541 (home-oswego)

LON'S HANGAR IS BURSTING AT THE SEAMS-SO, WE'RE HAVING A HUGE HANGAR CLEAN-OUT...date-Sunday November 28th from 12noon til 4pm...For Sale: Atlas pattern plane/retracts, Kadet Mark I plane, Chipmunk sport scale airplane, small air compressor, receivers, servos, HP 61 goldcup engine, Techtronics Scope, digital volt meter, air conditioner, small b&w T.V., 2 chain saws, 81 Citation/22,000 miles, & lots of misc. items.





The October meeting of the STARS was called to order at 8:05pm. Roll call showed 16 sr & 2 jr members present. The minutes of the September meeting were read & accepted. Treasurers report: \$8.68 cash, \$957.04 savings, total-\$965.72. Association report was given by Lon Sauter. The Symposium is getting under way. The Association wants each club to take 2 committees. We are doing the Dealer Booths & Static Display. The members talked over different ideas for the static display. A few more volunteers to help Lon Sauter came forth - George Clapp, Barney Heinley, Stan Staniszewski, Val & Perry Valleriani. Lon set up a meeting & we should have everything ready by our next club meeting. A suggestion was made to have the jr. members do the club booth for the Symposium. Old Business: Still working on the patches. The deck for the lawn mower that Lon thought he could get was gone. So everybody keep looking. New Business: The members of the club voted that we give a donation to the church for \$75. A nominating committee was selected- Gary Eckert, **Bob Rowe** & Val Valleriani. Meeting was adjourned at 8:25pm. Coffee and donuts were served. Home movies were shown.
Carol Eckert

RAY PLAISTED'S NEW HB 40 POWERED MAROON & WHITE SCAT CAT 500 WAS GIVEN IT'S 1ST FCF (functional check flight) 10-10-82. RAY WANTED A PLANE THAT WOULD GO STRAIGHT UP...AND THAT'S WHAT HE'S GOT.

Idle Chatter

Who's been having midairs at the field, but keeping quiet about it? Is that any way to be?

RUMOR HAS IT THAT gus harms HAS BEEN HAVING TROUBLE KEEPING HIS "EMPENNAGE" ON HIS FALCON 56.

WILL WATERS' new red & white Goldberg Eagle 63 is ready for it's 1st test flight.

val valleriani's new white & multi colored 15-500 (formerly hangared at w.o.w.'s & don legacy's) took to the air october 17, 1982. nice plane there val!

NEW MODELER JERRY KELLER'S TOP FLITE BEAR CAT PLANE MADE IT'S MAIDEN VOYAGE AT SAUTER INTERNATIONAL 10-17-82. IT WAS QUITE A SIGHT!

A little birdy told us that Al "lucky" Mortensen has been doing a great job flying his P-51.

EXTRA!

CHUCK LETTERMAN'S SIG KADET IS FINISHED-& A BEAUTIFUL MAROON & WHITE KADET IT IS. THE KADET TRIED OUT IT'S WINGS FOR THE 1ST TIME AT SAUTER INTERNATIONAL 10-23-82. CONGRATULATIONS CHUCK!

would you believe...

Jim Thompson's red Phaton bipe flew to Korea, flew combat over the yellow sea & flew over the Pacific ocean. That's quite a story!

SPACE IS AVAILABLE FOR INDIVIDUALS WISHING TO SELL OR TRADE IN EACH ISSUE OF THE PLANE PROP WASH, FOR A NOMINAL FEE OF 25¢ PER AD PER ISSUE. ADS ARE AVAILABLE FOR BUSINESSES AT A RATE OF \$2 PER ¼ PAGE (LIMIT ½ PAGE). THE DEADLINE, FOR INSURING YOUR AD WILL BE IN THE NEXT ISSUE, IS THE 1ST OF THE MONTH. COPIES OF THIS NEWSLETTER WILL BE CIRCULATED THROUGHOUT THE HOBBY SHOPS IN THE AREA, AS WELL AS MAILED TO EACH STARS MEMBER & SUBSCRIBER. PLEASE SEND ALL ADS ALONG WITH PAYMENT TO MARGE SAUTER, 2062 RABBIT LANE, PHOENIX, NY 13135. MAKE ALL CHECKS PAYABLE TO MARGARET L. SAUTER.



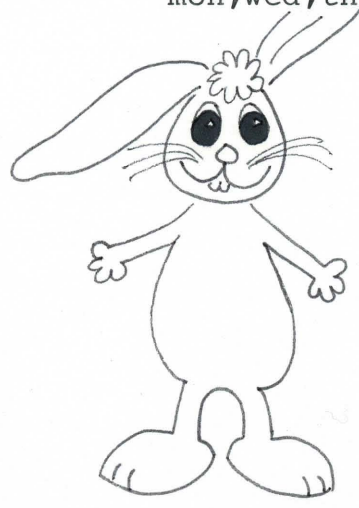
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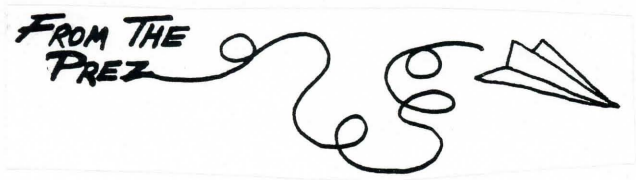
MARGES HOURS
 mon, wed, thurs 10am-4pm

LON'S HOURS
 mon, wed, thurs, fri 6:30pm-9pm
 saturday 8:30am-5pm



There are many Christmas Specials being offered to us at this time of the year by our distributors, and we're passing these savings onto you. Stop in and check out the specials on various items such as HB engines, Futaba radios, Kraft Systems products, etc.

We have some excellent used radio equipment, at very reasonable prices, for sale. All of these systems are completely reconditioned and carry a full one year warranty.



The Symposium is coming up & our club is in charge of Dealer Booths & Static Display. I hope that every member will come out & help Lon Sauter who is the chairman. Let us have the best Static Display that the Symposium ever had. If you have any ideas or want to volunteer your services, contact Lon Sauter. Now that we are holding our meetings at the church, don't forget to bring in your projects. Will Waters brought in a beautiful plane for everybody to look at. He did a real nice job as usual. The election of officers is coming up & I would like to see a good turn out

at our next meeting. Don't forget, think Symposium & let's make it the best ever.
 Gary Eckert

congratulations

CONGRATULATIONS TO THE NEW OFFICERS OF THE THOUSAND ISLANDS CLUB: president - Julian Palien, vice-president - Doug Morrow, secretary - Marge Hazelwood, treasurer - Tom Campagnano, newsletter editors - Marge Hazelwood & Mike Denny

WE UNDERSTAND THAT THERE'S A NEW CLUB IN THE ELBRIDGE AREA...THE ELBRIDGE FLYING EAGLES! IF YOU'RE INTERESTED, CONTACT TONY CIARPELLI AT 673-4774. GOOD LUCK FELLOWS.

CENTRAL NEW YORK MODEL
AIRCRAFT ASSOCIATION
MINUTES SEPTEMBER 31, 1982

The meeting was called to order at 7:45 PM by President Jim Saiff.

The minutes of the previous meeting were read and approved. The Treasurer's report showed a balance of \$3,883.73.

Present were: Lon Sauter, Glen Cady, Gary Eckert, Carol Eckert, Fran Worth, Gary Barrow, George Peek, Larry Abraham, Lloyd Beaubein, Tony Ciarpelli, Charlie Muhl, Walt Thrune, Roy Catholdi, George Marsh, George Beers, Dave Mathewson, Jim Saiff.

Everything is set for the Association picnic on October 3. Larry Abraham has received the sanction and will have the field ready. The Association will buy ten cases of soda from the Stars for \$54.93. Gary Barrow, Fred Edmund and George Peek will take care of the fund. George Beers will take care of miscellaneous items. With good weather the turnout should be around 100-125.

The meeting was turned over to George Peek and Walt Thrune to discuss the symposium. Dave Mathewson read the minutes of the symposium committee meeting. There will be fourteen committees under the direction of Walt and George. Walt Thrune will handle Public Relations, Speakers, Admission, Dealer Booths, Club Booths, Signs, Banquet. George Peek will handle prizes, programs, statis display, movies, raffle, food stand. The committees filled and by which club are P.R.-Arcs, Speakers-Arcs, Admission-Cams, Dealer booths-Stars, Club Booths-CMAC, Prizes-MM, Programs-MM, Static Display-Stars, Movies-OMAC, Raffle-AFLRC. The food stand and banquet will probably be catered.

Several changes will be incorporated into this year's symposium. The symposium will end at 5:00 PM. We will check into adding an Air National Guard booth this year. There is also the possibility of a youth activities booth and an Association booth. We will also try to get a larger A.M.A. display.

Tony Ciapelli made a motion, seconded by Glen Cady to raise the speaker's fee to \$100. The motion was passed. Those mentioned for speakers were: Geoff Styles, Ed Izzo, Bob Noll, and George Myers, along with a District II AMA meeting.

A suggestion was made to eliminate the swap shop but to provide space for individuals to display and sell items at no charge.

With no other business to discuss the meeting was adjourned at 9:45 PM.

The next meeting will be Thursday, October 21, 1982 at 7:30 PM at Walt's Hobby & Craft.

Respectfully submitted,
Dave Mathewson
Secretary, C.N.Y. M.A.A.



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Sun	12 noon to 4 PM

BIGGIES ARE BETTER, BUT BEHEMOTH IS BEAUTIFUL

by Brewster Byline

Hello 1/4 scalers! Well it's that time of the year again folks, when the leaves are falling & Monday night football is on the tube (usually), right? Wrong! All of you Big Builders out there in giant scale land know it's that time of year to select that big bird winter project. So get busy guys & scour the model magazines & hobby dealers for kits, plans or even ideas to scratch build your next leviathan. Cause next spring when the days get long & that big ole sun comes out to melt the nasty snow off of our beautiful flying fields, I wanna see, hear, feel, touch & generally get nauseously excited over tons & heaps of new for 83', mammoth models. So when your model is finished, send me pictures, a letter or money. I'll take anything if there's no postage due. If your photos weren't taken with a drug store instamatic with your finger in front of the lens, there's a good chance you'll see em right in this great big ole wonderful scandal sheet. About this time I'll bet you're just sittin & sipin your suds wonderin what ole giant type winter project Bruce is up to, right? Right! Hold on to your beanies brothers, cause we are into that biggest of biggies & the giantest of giants, the Spruce Goose. Wait just a minute! Stop yawning! I know big geoses have already been done, but you didn't ask me the scale! OK, so I'll tell you. It's not 2", nope not 1/5 either. Ha-ha, you're wide awake now aren't you. 1/3, are you kidding? We're going all the way, do or die, to the big point five! Now after you pick yourself up off the floor, read it again. That's right, I said 1/2 scale. This project is so big, I've rented the Center of Progress building at the State Fair for construction this winter. I'll have it done in time for the Toledo show; so, you'll see it there along with hundreds of other fantastically beautiful big birds. Now, I can hear you all saying "How are you going to build all that in just a couple of months?" Well here is your answer: foam construction my friends! Just imagine hundreds of cubic feet of balsa & plywood! Fantastic! I've even hired a guy to spray paint it with an ag-cat! Niagara Mohawk has agreed to cut all of the foam cores to my exacting specifications on 1 of their power lines at 9 mile. That is if the N.R.C. hasn't got em shut down that week. For power I've got (are you sitting down?) 8 (count em), 8 blueprinted chevy 327's rigged to run 2 cycle on 50% nitro & turbo charged no less! Sound great? You bet! & I know a lot of you guys are just itchin by now to see the maiden flight, particularly if it crashes like all the rest of my stuff does sooner or later. That 1st flight will be April 1st 1983 on Jamesville reservoir. Get your tickets at \$15 a head by writing me in care of this paper. & stay tuned for more details on the fabulous Brewster's Spruceter Gooseter. **PRODUCT REVIEW-** Just the other day the mailman dropped a neat little (I mean "big") package in my mailbox. It was a brand new "free for a plug" Harry's Herculean servo. & what a machine it is, about the size of a small brick. It is the picture of power. For testing, I bolted it to the living room floor & hooked a cast iron push rod to my wife's piano. It jerked that 2 ton piano around the living room like you wouldn't believe. After a thorough ringing out, I took it down to my work shop to have a look at it's innards & see what makes it tick. Well, after getting all the parts spread across my work bench, I sorta forgot how it went back together. Anyway, I'm sure Harry will remember how. I just hope he doesn't forget to send it back to me. So if you're in the market for Super Servos, rush right out to your nearest hobby dealer & demand a fist full of these fine servos for your next model. Tested, approved, endorsed, recommended & generally highly touted by Brewster Byline. Don't forget to send photos of your latest leviathan, no matter how awful it is & keep the letters coming. If you would like a personal reply to some of your more "personal" modeling problems, send a S.A.S.E. with lots of extra stamps. & don't feel bad about it, with the stuff some of you guys build- you aughta be embarassed!



This Space Shuttle Is a Real Fly Baby

Here's the world's smallest space program!

A pair of West German model aircraft makers have created this fully operational 1/19th scale replica of the U.S. Space Shuttle and the Boeing 747 used to transport it.

Holding their radio controls (below), Otto Mulert (left) and his partner Leo Stollenwerk admire their 747 masterpiece.

The Boeing 747 measures almost 12 feet long, has a wingspan of 10½ feet and

weighs almost 40 pounds. It's powered by four prop motors that were specially made for Mulert and Stollenwerk by the Robbe Model Engine Co.

With amazing realism, the piggyback pair take off at a model plane airfield. They can soar together for up to 10 minutes at about 27 m.p.h.

The high-flying model makers are still working on their ultimate goal: enabling the shuttle to separate from the Boeing 747 transport plane and land safely under its own power.



submitted by Stan Staniszewski

CONGRATULATIONS TO JOHN SADLER ON GETTING HIS LETTER TO THE EDITOR PUBLISHED IN THE AMA MAGAZINE. IN CASE YOU MISSED IT, HERE IT IS:

What Makes An Airplane Fly?

That question has been discussed and argued about by adults for years. But what kind of answers would you get if you put that question to boys and girls 15 years of age and under? We decided to find out.

In conjunction with the 6th Annual Symposium at Syracuse, NY this past February, our club (STARS of Syracuse) conducted a free drawing (for model airplane kits) for children of this age who wrote their answers to the question.

We had a variety of answers. Some chewed the pencil ends while others cast their eyes to the ceiling in deep thought. But, by golly, they all answered.

Kids are funny. Many people make the mistake of talking down to them. But if you talk to them as people, and ask them grown-up questions, you'll be surprised at the results. Oh, we had run-of-the-mill answers and funny ones as well, but there were some technically sound and very practical answers.

By far, the most popular answer was engine (29 answered this way). Wings came in a close second, with 22. Thirteen answered pilot, engine, wings. Six answered air currents, and various combinations of propeller, elevator, rudder, and pilot accounted for many others.

One little boy wrote "hard work," and another "the way it's built." One wrote "moder." Still another (no doubt a future RC pilot) wrote "transmitter and receiver." A small girl wrote "big rubberband and wind."

Here is a collection of some of the more practical answers. "When the airplane picks up enough speed so that the airfoil achieves lift." "The wind divides into two parts. One direction goes to the top, the other goes to the bottom of the wings." "Lift over drag is what makes an airplane fly." "The power from the engine gets the plane moving and air lifts the wing and lifts it up." "Forward motion and lift created by wings." "As the wing moves through the air the airfoil causes low pressure above the wings, and the high pressure underneath causes it to fly." "The pressure of the air flowing over the airfoil lifts the airplane." "Air going over the wings makes lift. The faster the air goes over the wing, you get more lift."

Finally, one youngster had all this to say: "An airplane flies because of a low pressure vacuum created on the top of the wing. This is due to the

top being more curved than the bottom. The air flows faster along the smooth bottom creating a high pressure area. The wing is sucked up into the vacuum, thus lifting the whole plane. The prop moves by pushing air past it with incredible force. As the plane moves, the air passes over the wing faster, creating more lift. The horizontal stabilizer surfaces keep the plane going in the right horizontal direction. The vertical stab area overcomes the drag of the ailerons, which roll the plane, making the lift go in one direction."

We had 143 sign up for the free drawing. They had some interesting answers, wouldn't you say? Among them we see future pilot in modeling, full-scale aviation, and maybe even the space program.

John A. Sadler
N. Syracuse, NY