

PROP PLANE WASH



VOL. 125

NOVEMBER 1985

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

- PRESIDENT - PHIL MORGAN
- VICE-PRESIDENT - BOB ROWE
- SECRETARY - CAROL ECKERT
- TREASURER - DAN WILLIAMS



STARS MEMBERS



STARS MEETING NOVEMBER 16, 1985

Time: 8pm Place: Northminster Presbyterian Church on Buckley Rd., N. Syracuse
Program: Election of officers and VCR program. See you all there!



THROUGH RAIN, SNOW, SLEET OR HAIL, THE MAILMAN GOES ON HIS APPOINTED ROUNDS; BUT HE CAN'T DELIVER IF THE ADDRESS IS WRONG. IF YOU MOVE, PLEASE ADVISE US OF YOUR NEW ADDRESS.

IF I DIDN'T MAKE MISTAKES...YOU'D HAVE NOTHING TO TALK ABOUT!
THE EDITOR

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: Irvine .40 RC MK II/Irvine muffler, new - \$50, K&B .40RC 8011/slim line exhaust, new - \$50, Flitecraft ARF Cardinal II (wings only item assembled)/extra wheels & props - \$60, American RC Super Mantis/coll pitch & cone starter system, partially assembled, some items believed missing - \$130. Call Alex Wlodkowski (315) 363-6016

FOR SALE: New Webra Speed .61F Champion Schneurle/dynamix carb...\$85 New Fuji .40 Schneurle...\$40 Contact Stan at 699-5844

FOUND: Found at the Midstate Modelers field after the Association Picnic...35mm camera...call Leo Parente at 458-6435

FOR SALE: 2 scratch built Brushfire pattern aircraft with 60 size Rossi ABC/in air mix carb & pipe, & Spring air retracts. Will sell for \$350 per plane. Both in excellent condition. Call Frank Knosp (315) 776-4061



2062 RABBIT LANE
 PHOENIX, N.Y. 13135
 (315) 695-2448

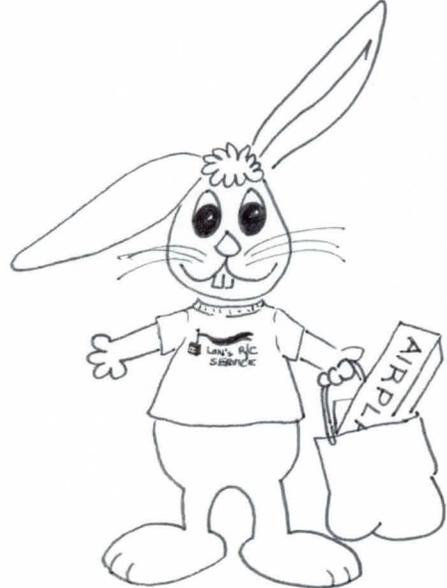
**A Complete Radio Control Modeling Facility
 The Professional Approach To Modeling**

MARGE'S HOURS
 MON, WED, THURS, FRI 12NOON - 9PM
 SATURDAY 9AM - 5PM

LON'S HOURS
 MON, WED, THURS, FRI 6PM - 9PM
 SATURDAY 9PM - 5PM

**STOP IN AND SEE SOME OF THE NEW ITEMS
 WE HAVE IN STOCK!.....SUCH AS.....**

The Florio Flyer 60, Great Planes Soar Birdy, Model Tech 1/4 scale Cap 21, Great Planes Super Sportster 20, OS 20 4 cycle engine, JoZ ultra light wheels, Bubble Free Trim, Iron On Gapless Hinges, Stay Brite Silver Solder, Ta-tone 4 Cycle Mounts, Miller replacement starter inserts...an more!



**LON'S R/C SERVICE IS THE SHOP THAT CAN SATISFY ALL YOUR MODELING NEEDS.
 WE HAVE OVER 1590 DIFFERENT ITEMS IN INVENTORY!
 WE SHIP VIA UPS DAILY.**

CALENDAR OR UPCOMING EVENTS.

- NOV 16 - STARS meeting
- DEC 21 - STARS CHRISTMAS PARTY
- Dec 27 - Jan 1 - 18th Annual Tangerine Championships hosted by RC World of Florida, Orlando Florida
- Feb 1 - CNYMAA Modl Aircraft Symposium
- April 11-13 - 32nd Anual RC Exposition at Toledo, Ohio



**ANY MODEL AIRPLANE CLUB WISHING TO
 ADVERTISE A FORTHCOMING CONTEST OR
 EVENT CAN ACQUIRE A FULL PAGE AD FOR
 THE TRIFLING FEE OF \$2.**

From: P. Morgan, Prez.
 Re: November Prop Wash
 To: S.T.A.R.S Membership



FROM THE PREZ

- 1.. It is a pleasure to preside over meetings where the membership conducts itself in such a professional manner. We had a decision to make at the last meeting regarding a major expenditure. The discussion was of the highest caliber with a thorough description of the problem, analysis of the problem listing pro's and cons's and a vote where no one was pressured. We voted not to make any major expenditures at this time. The important thing is that we recognize our needs as a club and have decided that this is not the time to fulfill them.
2. Interested in becoming a S.T.A.R.S. officer? Just call Chuck Letterman to get your name on the ballot.
3. The Symposium is quickly approaching. Have you drafted a PERT chart for completing that new model? There are only two months left before the big day!
4. Ole Ben Franklin religiously set-aside one hour per day for his hobby. He felt that this was necessary for health reasons. I wonder if Ole Ben would have been able to complete my Mosquito Bomber in the two months left before the symposium?

Sincerely,



The October meeting was called to order by President Phil Morgan at 8:01pm. Roll call showed 20 Sr. members, 3 Jr. members and 2 guests present. Secretary's report was read and accepted. There was no treasurer's report. The Association report was given by John Sadler. They decided to table the purchase of a scanner for now. There was a discussion about safety at the picnic.

Walt Throne gave \$50 to the Scholarship Fund. The confirmed date for the Symposium is Feb. 1, 1986. The STARS club is in charge of the club booths and the dealer booths. Phil Morgan read letters from the 2 candidates running for the AMA Vice-President in District II. Perry Valleriani was awarded an Instructor Patch. See Chuck Letterman with order form (in last Prop Wash) for jacket patches. The two part proposal detailed in the minutes of the September meeting was voted down. John Sadler mentioned that he knew about a used tractor for sale. He is going to get a price on it. The members voted to have another Christmas party at our December meeting like we had last year. Meeting was adjourned at 9:05pm.

Carol Eckert

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ELECT WALT THRONE V-P AMA DISTRICT 2

Walt Throne, Syracuse, N.Y. AMA 408. I am seeking this position because I want to contribute to making the AMA a better organization for you and me. I have been an active modeler for over thirty years; and I have been an active member of the modeling community (Aero Radio Club of Syracuse- Pres. 5 times, Central New York Model Aircraft Assoc.- Pres. 3 times & Sec.-Tres. 2 times, Sky Rovers- Sec.-Tres. 1 time, AMA AVP Dist. 2 1975-78, 1980-82, and AMA Nationals- R/C Pattern Event Direct. 1983 and 1985). While I feel that all my involvement in the modeling community has been worthwhile, I am especially pleased with my efforts to initiate a scholarship fund made available to young modelers through the Central New York Model Aircraft Assoc.

My occupation as a hobby shop owner puts me in contact with modelers on a daily basis. I see the new young modelers who are just beginning to the "older" modelers who are enjoying this hobby during their retirement years. I see their problems and goals on a practical level. It is a continuing source of satisfaction to me to be able to steer my customers in the right direction from choosing the right model, to flying safely, to membership in the AMA.

As a practical matter in keeping our dues down, I proposed a membership incentive program in my 1982 campaign. This has taken form in rebate type system to hobby shops who sign up new members to the AMA. I would still like to see the AMA make available their pins etc. to hobby shops and clubs for retail sale. My thought in both cases is to increase revenue to the AMA by methods other than raising the dues to the membership. Both also result in increases publicity for the AMA.

As stated above, in 1983 and 1985 I was Event Director for R/C Pattern at the Nationals. This to me was a demonstration of organizational ability which is a necessary attribute for the VP position. This also gave me an opportunity to work with and get to know the current AMA officials. It was an excellent opportunity to meet and work with modelers from all parts of the country.

I would like to conclude with a few of the specific ideas I would like to see become reality: 1. A better, effective youth program, 2. Use of AVP'S for specific purposes, 3. Better contest coordination between Dist. 1, 2 and 3, 4. A Nats in Dist. 2, 5. A district newsletter covering all phases of the hobby ie. free flight, control line and radio control and 6. Four scheduled meetings during the year at different locations in Dist. 2. I have more ideas and I believe I have the background and talents to make me a very effective and representative VP for you in District 2.

"PLEASE READ AT YOUR NEXT MEETING AND INSERT IN YOUR CLUB NEWSLETTER"

Walt Throne

ELECT

JOHN BYRNE

V-P AMA DIST. 2

JOHN BYRNE, BAYSIDE, N.Y., AMA 171/CD (INCUMBENT). I RESPECTFULLY ASK THAT YOU ELECT ME TO ANOTHER TERM AS VICE-PRESIDENT OF AMA DISTRICT 2 BASED UPON MY RECORD OF SERVICE DURING THE FIRST FOUR TERMS OF THAT OFFICE. IN ADDITION TO CERTAIN ITEMS OF UNFINISHED BUSINESS, I AM READY, ABLE AND EAGER TO COPE WITH ALL OF THE PROBLEMS WITH WHICH YOU AND AMA ARE NOW CONFRONTED. THERE IS NO SUBSTITUTE FOR EXPERIENCE AND I HAVE THAT, COMBINED WITH A HIGH DEGREE OF ENTHUSIASM AND INTEGRITY. I AM A LAWYER, BY PROFESSION, AND THE VICE-PRESIDENT OF A NATIONAL CORPORATION. AS A MULTI-TERM VICE-PRESIDENT OF AMA, I HAVE ACQUIRED A THOROUGH KNOWLEDGE OF ITS INTERNAL OPERATIONS, ITS POLICIES AND THE ATTITUDES OF ITS PERSONNEL, AND YET I REMAIN AS OBJECTIVE AS THE MODELERS WHOM I REPRESENT. NOT ONCE, AS YOUR REPRESENTATIVE ON THE EXECUTIVE COUNCIL, DID I ABSTAIN FROM VOTING UPON ANY OF THE ISSUES PRESENTED, AND I WILL CONTINUE TO USE MY COUNCIL VOTE AT EVERY OPPORTUNITY RATHER THAN WASTE IT!!! AS AN ACTIVE MODELER, I WANT THE FOLLOWING THINGS, AMONG NUMEROUS OTHERS:

1. AN EAST COAST NATS AT LEAST EVERY THREE YEARS.
2. GREATER RESTRAINT ON DUES INCREASES.
3. MORE ATTENTION TO THE NEEDS OF THE SPORT FLIER.
4. NEEDED BUDGETARY REFORMS.
5. LIABILITY INSURANCE BENEFITS TO BE PAID UPON A "PER MEMBER" INSTEAD OF A "PER ACCIDENT" BASIS.
6. MORE ASSOCIATE VICE-PRESIDENTS FOR DISTRICT 2.
7. MORE CHARTERED ASSOCIATIONS OF CLUBS IN DISTRICT 2.
8. TOLL-FREE TELEPHONE CALL CAPABILITY BY MEMBERS TO AMA HQS.
9. EXTENSION OF INCENTIVE-MOTIVATED RECRUIT-A-MEMBER DRIVE, WHICH I SPONSORED.
10. MEMBERSHIP INPUT ON CERTAIN MAJOR ISSUES THROUGH QUESTIONNAIRES IN MODEL AVIATION."
11. BETTER CONTEST COORDINATION.
12. A WORKABLE YOUTH PROGRAM.
13. EXPANDED PRESS, TV AND RADIO COVERAGE OF MODEL AIRCRAFT ACTIVITIES SUCH AS THAT EXPERIENCED AT THE MODEL AVIATION DAYS AT ROCKEFELLER CENTER.
14. REGIONAL DISTRICT CONTESTS.
15. MORE DISTRICT REPORT SPACE IN "MODEL AVIATION."

PLEASE VOTE FOR ME. THANK YOU!





CENTRAL NEW YORK MODEL AIRCRAFT ASSOC.

CNYMAA Meeting of 10-10-85 held at Walt's Hobby & Craft called to order at 7:53 PM by President Greg Uhlig. Treasurer report \$4128.44. Minutes of the September meeting were read and approved.

Clubs Present: Midstate, Tom Bozzuto & Jim Oliver, Grenadiers, Bob Francher & Lloyd Beaubien, ARCS, Walt Throne & Charlie Muhl, Stars, John Sadler, MVF, Tony Constabile & Bob Lenhart, CMAC, Christ Herzog, OVM, Jim Abrams & Fay Fabrizio, AFL, Bob Elkovitch & Larry Abraham, Eagles, Roy Catholdi & Ed Zobel.

Not Present: CAMS & 1000 IS

Old Business: 1. Lon Sauter said frequency scanner is available at a cost of between \$400.00 and \$600.00 Dollars. However, scanners are not perfected at this time. Lon suggested not buying now. Greg Uhlig tabled the scanner issue until Spring 1986.

2. CNYMAA Picnic

Discussion was held concerning the Ultra-Light Aircraft. For the record from Gary Rizzo - the flight of the Ultra was planned, practiced, scheduled and announced as part of the days activities. It was not an unplanned event. Other comments - Next year more frequency control needed. Suggestion by President Uhlig to form Safety Committee for next picnic. Overall view of Delegates - excellent picnic. The CNYMAA would like to thank the Midstate Club members for a job well done. Walt's Hobby & Craft donated \$50.00 to the Scholarship Fund and an additional \$18.00 to the fund from the sale of magazines donated by various clubs.

3. Greg Uhlig passed out Scholarship applications to club delegates for 1986. These applications must be returned to CNYMAA by Dec. 31, 1985.

New Business: Symposium 1986

Walt Throne confirmed the date - February 1st, 1986 at the Art & Home Center NYS Fairgrounds.

The following is the list of committees:

- | | |
|------------------------------------|---|
| 1 - Banquet - ARCS | 10 - Signs - CMAC |
| 2 - Flying Demo - CMAC | 11 - Club Booths - Stars |
| 3 - Foodstand - Grenadiers | 12 - VCR's & Movies - AFL |
| 4 - Raffle - OVM | 13 - Prizes - MVF |
| 5 - Swap Shop - CAMS | 14 - Dealer Booths - STARS |
| 6 - Admission - Boat Club | 15 - STATIC- John Hopkinson
& EAGLES |
| 7 - Show Director - Larry McIntyre | 16 - Programs - CMAC |
| 8 - P.R. - OVM | 17 - Clean-up - (Tabled) |
| 9 - Speakers - Walt & Greg | |

It was suggested clean-up be the responsibility of all clubs at the end of the day or we hire outside help. John Sadler suggested having Mall Shows prior to Symposium. Walt suggested having

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CNYMAA Booth of Association History. Motion made by Roy Catholdi, 2nd Charlie Muhl to give OVM \$450.00 for Raffle prizes (VCR, etc.) Approved. OVM will have approx. 2000 tickets printed to be given to each Association Clubs membership to be sold prior to Symposium.

Next meeting at Walt's October 24th, 1985, 7:30 PM.

Meeting adjourned 8:51 PM.

Respectfully submitted,

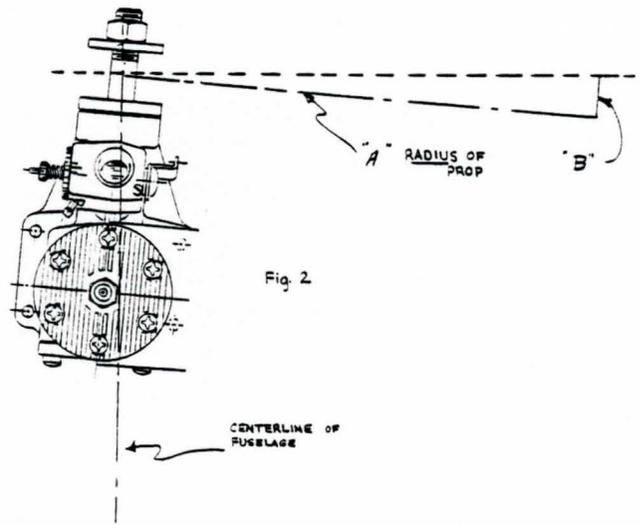
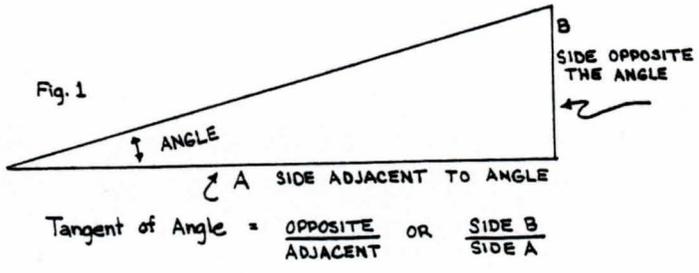
Bob Lenhart
Bob Lenhart, Secretary

HELPFUL HINTS BY WARREN O. WAGNER

MEASURING ENGINE OFFSET ANGLES

WELL, IT'S THE BUILDING SEASON AGAIN AND EVERYONE IS BUSY WORKING ON THAT SUPER - PROJECT IN ANTICIPATION OF THOSE EARLY, WARM SPRING DAYS. BUT, IF YOU ARE LIKE ME, MAYBE YOU CRINGE JUST A LITTLE WHEN YOU GET TO THE PART THAT SAYS "MOUNT ENGINE WITH 2° RIGHT THRUST AND 1½° DOWNTHRUST." SURE, YOU CAN INSTALL THE ENGINE SO THAT IT LOOKS PRETTY MUCH LIKE IT DOES ON THE PLANS BUT MAYBE YOU WOULD LIKE A LITTLE MORE REASSURANCE THAN JUST EYE-BALLING IT AND SAYING - "YUP, THAT LOOKS ABOUT RIGHT." OF COURSE, THE ONLY WAY TO ACCURATELY MEASURE ANGLES (ESPECIALLY THE SMALL ONES WE ARE INTERESTED IN) IS TO USE TRIGONOMETRY (CRINGE AGAIN) OR "TRIG" AS WE USED TO CALL IT IN HIGH SCHOOL - REMEMBER? WELL, HERE'S THE GOOD NEWS - BY USING THE ACCOMPANYING CHART YOU CAN HAVE ALL THE ACCURACY YOU NEED IN MEASURING SMALL ANGLES AND NEVER HAVE TO TOUCH A "TRIG" TABLE. IN DEALING WITH AN ANGLE LIKE THRUST OFF SET OR WING INCIDENCE, WHAT YOU ARE INTERESTED IN IS THE TANGENT FUNCTION OF THE ANGLE WHICH IS THE RELATIONSHIP OR RATIO OF THE LENGTH OF THE SIDE OPPOSITE THE ANGLE DIVIDED BY THE LENGTH OF THE SIDE ADJACENT TO THE ANGLE. SEE FIGURE 1. ENOUGH OF THIS TECHNICAL JAZZ - LET'S SEE HOW THE CHART WORKS. THE BEST WAY TO EXPLAIN IT IS TO GIVE YOU AN EXAMPLE: LET'S SAY YOU ARE BUILDING A 60 SIZED SUPER BAR-FLI MARK IV AND THE PLANS CALL FOR 2° RIGHT THRUST IN THE ENGINE. LOOKING AT FIGURE 2 AND THE CHART, THE DIMENSION YOU WANT TO KNOW IS THE SIDE OPPOSITE THE 2° ANGLE, OR SIDE "B". THE SIDE "A" IS HALF THE DIAMETER OF THE PROP, OR 5.5" (ASSUMING AN 11" PROP). USING 5.5" FOR SIDE "A" ON THE CHART, GO VERTICALLY UNTIL YOU INTERSECT THE 2° LINE. NOW GO HORIZONTALLY TO FIND DIMENSION "B" AND YOU'LL FIND IT VERY CLOSE TO 3/16". WHAT THIS MEANS IS THAT FOR AN 11" DIAMETER PROP AT 2° RIGHT THRUST, THE RIGHT TIP IS BACK 3/16" AND THE LEFT TIP IS FORWARD 3/16". SO IF YOU MEASURE FROM EACH TIP TO A POINT CENTRALLY LOCATED AT THE REAR OF THE FUSELAGE, THE DIFFERENCE WILL BE 3/16" PLUS 3/16" OR A TOTAL OF 3/8". WELL, THAT'S HOW EASY IT IS. YOU CAN USE THE CHART ON OTHER THINGS AS WELL - SUCH AS WING INCIDENCE AND STAB INCIDENCE. IF YOU ARE BUILDING A PLANE WITH RIGHT THRUST THAT HAS A SPINNER FAIRED INTO THE NOSE, YOU MUST LOCATE THE REAR OF THE ENGINE AND MOUNT (RADIAL OR BEAM) TO THE LEFT OF CENTER IN ORDER TO KEEP THE SPINNER CENTERED IN THE NOSE. USE THE SAME PROCEDURE TO LOCATE THE PROPER OFFSET OF THE MOUNT ON THE FIRE WALL. I HOPE I HAVEN'T THOROUGHLY CONFUSED YOU. IF YOU HAVE A PROBLEM INTERPRETING THE CHART, GIVE ME A CALL AND I'LL TRY TO CLARIFY IT. HERE'S ONE LAST "HELPFUL HINT" - THE NEXT TIME YOU "DORK" AN AIRPLANE, MEASURE HOW FAR IT WENT INTO THE GROUND. THEN, USING THIS FIGURE AND WORKING THE CHART BACKWARDS, YOU CAN CALCULATE AT WHAT ANGLE YOU CRASHED !!

NOTE: CHART ON NEXT PAGE





CENTRAL NEW YORK MODEL AIRCRAFT ASSOC.

CNYMAA Meeting of 10/24/85 held at Walt's Hobby & Craft called to order at 8:07PM by President Greg Uhlig. Treasurer report \$3646.81. Minutes of the October 10th, 1985 meeting were read and approved.

Clubs Present: Midstate, Jim Oliver, ARCS, Walt Throne, Stars, John Sadler, MVF, Bob Lenhart & Tony Constabile, OVM, Jim Abrams & Fay Fabrizio, 1000IS, Dave Little & Steve Dillenback, Eagles, Ed Zobel.

Club Not Present: Grenadiers, OMAC, AFL, & CAMS.

Guest: John Fiscoe - Central New York Model Helicopter Association

Old Business: Symposium 1986

Committee Reports

- 1 - Raffle (OVM) Prizes purchased 1st VCR, 2nd AM-FM Radio with Black & White TV, 3rd Pocket Radio AM/FM
- 2 - PR (OVM) Letter Sent
- 3 - Speakers (Walt & Greg) 3 speakers invited - Bob Clemens, Bob Underwood and Geoff Styles, also invitation sent to a special guest speaker to be announced at next meeting
- 4 - No other committee reports

Motion made by Fay Fabrizio, 2nd Jim Abrams to have the following admission prices:

Adult \$3.00 Student \$1.00 Children under 5 Free (Approved)

Motion made by Tony Constabile, 2nd Fay Fabrizio - Club member who bring the letter enclosed with the raffle tickets they receive will get \$1.00 off Adult admission at the door, also Free Admission for any club member bringing plane, car, boat, helicopter to be either displayed or judged during the Symposium. (Approved)

Next meeting at Walt's November 21st, 1985 at 7:30 PM.

Meeting adjourned 8:54 PM.

Respectfully submitted,

Bob Lenhart
Bob Lenhart, Secretary