

Syracuse Thunderbirds Aero Radio Society

# *Plane Propwash*

January 2011

Charter 473

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**The General Meeting will be at 7:00 at Walt's on February 9**

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**2011 Officers**

Chuck LeVine, President  
Ralph Kyle, Vice President  
Bob Rowe, Treasurer  
Jeff Wolsley, Secretary  
Peter Seiffert, Safety Officer

Directors:  
Roy Fields, 2010  
Peter Seiffert, 2007-08  
Scott Erich, 2006

Volunteer Staff:  
Jeff Wolsley, Propwash Editor  
Michael Graham, SYG Administrator  
Howard Blair, Webmaster  
Carl Moore, Field Committee

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**The next STARS meeting will be February 9 at 7:00.**

**As a reminder, the meeting is always the second Wednesday of the month.  
Meetings will be held at Walt's until spring.**

**Please Get your Dues in  
2011- Off to a Good Start**

January 2011 - Presidents Perspective

Hope everyone had a great holiday season - the club had an outstanding year last year - our Air Show and HeliJam did well despite poor weather, our membership has grown to the largest ever through our flight schools and our outreach programs at the M.O.S.T and Walt's. And of course all of the improvements to the club house have made our facility one of the nicest in the Northeast.

Now the challenges for 2011:

1. Build on our growth and work hard to provide an enjoyable, entertaining and enlightening experience for all members.
2. Continue the great work at our flight schools.
3. Initiate the Helicopter Planning group.
4. Continue to build on our HeliJam/Air Show experience and look to enhance those projects.
5. Expand our field committee support - this is an area that we will need a lot of help with -

please consider volunteering some of your time to help maintain our great facility.

We will be having Tractor Training for those of us that need orientation.

I am sure there will be more challenges ahead, but with your help and support we will meet them. Please think about volunteering a bit of your time. This can go along way in keeping our club the best out there. Thanks.

Just a reminder, don't forget about our Annual Auction on Jan. 14th at Walt's at 5:30pm and the Model Aircraft Forum at the Syracuse Academy of Science on Jan. 29th - from 9am to 4pm.

**Please remember Dues are Due!**

Please give or mail to:

**Bob Rowe  
211 Sedgwick Drive  
Syracuse, NY 13203**

Chuck

## ***Secretary's Report:***

The **January 2011** STARS regular meeting was called to order by STARS President, **Chuck LeVine**, at 7:04 pm. There were **8** Full members, **4** Associate member, **0** youth members, and **2** guests in attendance.

**Secretary's Report:** The Secretary's Report from the November meeting was submitted. Motion to approve by Mike Graham and 2<sup>nd</sup> by Roy Fields. Carried.

**Treasurer's Report:** Chuck LeVine ( For Bob Rowe)

Taxes are due. Club dues are at about 90% paid. Treasurer's Report motion to accept by Bill Orr and 2<sup>nd</sup> by Mike Graham. Carried.

## **Committee Reports:**

**Field Committee:** Chuck LeVine (For Carl Moore)

The group is in good shape financially. Volunteers are needed for the field group. A tractor School will be held for the new volunteers.

Roy Fields will contact the beaver slayer. Should be starting up around mid Feb.

**AMA:** Peter Seiffert, AMA District II, AVP

A webinar was held for the AVP's on 12/29. There was information on UAPO (unmanned aircraft) from the FAA. It has been in development for 2 ½ yrs. Sometime around 2013 the regulations are slated to go into affect.

There are two parts to this-

- 1- Commercial use
- 2- Recreational use

Commercial use is intended to cover unmanned aircraft used commercially for aerial photography, surveying, etc. Recreational use covers model aircraft and toys.

The AMA feels that most of the regulations will be transparent to us as modelers. There should be no impact on park flyers.

The concerns raised in the webinar are how to handle events like flyaways- utilizing failsafe programming in the transmitters and receivers.

How to handle high powered aircraft- turbine/jet powered.

High altitude flying typically greater than 400ft such as free flight and sailplanes.

Proximity to an airport. A better definition of an airport is required. R/C flyers that share an airport with full scale aircraft will need special consideration

Proposed changes are weight limits- 55# + aircraft will have a large scale designation rather than experimental. Aircraft greater than 75# will require an AMA designation waiver.

Conclusion- The FAA is impressed with the AMA organization and the representation of its membership.

The webinar is on the AMA website and is approximately 1:45 long. It was/is hosted by Dave Mathewson, Jim Rice, and Richard Hansen

Peter concluded with the MOST volunteer request. The next presentation will be on 02/05. Please contact Peter to volunteer.

## **Long Range Projects:**

No topics discussed. Your ideas are needed. Please bring them with you to the next meeting, or e-mail them in to any of the STARS Officers

**Flight School:** Chuck LeVine (for Bob Rowe)

The flight schools will reopen on 04/26.

Pilot instructor volunteers are needed. A volunteer cook is needed for the flight schools.

School sign ups will begin at the MAF in January.

Heli School- A group has been formed to get the school more organized.

Fixed Wing- Fixed wing graduated 3 new pilots in 2010.

Both schools are looking forward to a new group of students in 2011.

## **Old Business:**

**Safety Report:** Peter Seiffert

Peter reported on binding issues with some equipment and off shore radio equipment that does not meet FCC/CE requirements. See Peter's Safety Report immediately after the Secretary's Report.

**STARS Web Site:** Howard Blair

Howard is the new STARS webmaster.

## **New Business:**

**Model Aircraft Forum:** Peter Seiffert

The Forum will be held at the Syracuse Science Academy January 29. Swap Shop, indoor flying in the gym, Static Display, and vendors.

STARS Events for 2011:

Heli Jam                      Another event?  
STARS Air Show              Pylon racing?  
Flight Schools

A committee has been formed by the Heli Group to get the Heli School more organized. Input from outside resources has been sought to get away from the ad-hoc format.

STARS Jacket Order: Phil Morgan

Phil needs three more jacket orders so he can place the order with the vendor. Please get your orders in to Phil. The form is in the December news letter.

STARS Hats: Bob Rowe

Bob is taking orders for new club hats. The price is \$ 15.00

STARS Auction: Phil Morgan

The STARS auction will be January 14 at Walt's. The setup and preview will start at 5:00. Auction will begin at 6:00. The usual 10% buyer's fee will apply. No admittance fee.

***Safety Officer Report: Peter Seiffert***

We have seen several instances lately of the Walkera and Novus RC equipment binding to other than the intended transmitter. This system binds a little bit different than Futaba, JR or Spectrum. With the Walkera and Novus system the pilot must turn on the receiver first then turn on the transmitter for binding every time the system is powered up. If two pilots turn on the receiver at the same time and then turn on the transmitter the receiver will pick the first transmitter it finds. I have been in contact with AMA about this problem and they are doing some testing. The Walkera and Novus systems are CE and FCC approved and I believe the systems are good, just be very careful when powering up these systems. There have also been instances when two pilots are trying to bind the JR or

Fuel Order:

Please purchase your glow fuel from Walt's.

New Members:

Doug Law- Heli  
Doug is a past member and expert heli pilot.

Mike gram motion and Peter Seiffert 2<sup>nd</sup>. Passed.

Port-A-Potty: The port-a-potty has been removed for the season. It will be back in the spring. Thank you for using it responsibly.

Adjournment:

The January regular monthly meeting of the STARS was adjourned at 7:28 pm.

Secretary, Jeff Wolsley

Spectrum at the same time and the receivers bind to two transmitters. Please be very careful during the binding process no matter what RC system you are using, check and recheck to be sure everything is working properly before flying.

In addition Peter reported that there is imported radio equipment that is coming in that is not FCC/CE approved and in some cases has forged documentation included with the equipment. If this type of equipment shows up at the field, it needs to be impounded immediately. The club needs to look at restricting this equipment from the field.

Safety is everyone's concern!  
Peter Seiffert, Safety Officer

***Please get your dues in.*** The dues can be paid at the monthly STARS Meeting, or sent to the STARS Treasurer. Remember, after January there is a 10.00/month late charge.

Send Your Dues to: Bob Rowe, 211 Sedgwick Drive, Syracuse, NY. 13203

## 2011 Board of Directors Meeting

Attendees:

Peter Seiffert            Roy Fields  
Ralph Kyle              Chuck Levine  
Jeff Wolsley

The 2011 BOD was called to order immediately following the regular January meeting. As usual several topics were brought up but a few surfaced as needing immediate attention.

First order of business was to adjust the financials to correct a minor accounting error.

### Club Presentations Materials:

We are loosing our access to a color printer. Mike Graham has used a color printer to produce the club flyers, flight school hand outs and other club promotional items. This all comes to a halt when Mike retires sooner this year. Various substitutions were discussed but no solution was surfaced at the meeting. Various options need to be investigated before a decision is made.

### Field Committee:

A new committee leader needs to be groomed from the membership. Maintenance and repairs of the field and field equipment is ongoing. The group needs to become more organized. Let's keep a good thing going.

### Club Growth:

Our club membership is at 92 now. There is some concern that we have or will be soon at our saturation point. Right now, it's getting busy on the weekends.

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**Calendar of January-March Events:** *Editor's Note- Also watch your e-mail for sudden changes to events like cancellations or re-scheduling due to weather.*

**January 29-** CNY Model Aircraft Forum, Syracuse Academy of Science

**February 13-** Northern CT R/C Auction  
Vernon, CT.

**February 25-27** WRAM Show, White Planes, NY.

**March 6-** STARS Snow Fly

**March 12-** Central Penn R/C Flea Market  
Lebanon, PA.

### Propwash:

Going to try getting it out earlier. By the time the Propwash is distributed, many of the topics have already expired. In an effort to alert the membership of the next meeting, a meeting notice will be sent the weekend prior to the next STARS meeting.

### Meeting Program:

Several suggestions were discussed to put together a list for after meeting presentations. The AMA has a list of suggestions available. Some of the possible meeting presentations discussed were:

How to program your radio equipment  
Building and repair techniques- kits and ARF's  
And others.

We can't all be an expert at everything so if there's something that you would like to see, please send along your suggestions.

The BOD was adjourned at approximately 8:00.

*Jeff Wolsley, STARS Secretary*

If you have any suggestions that may help with any of the topics discussed here, please feel free to contribute.

**Indoor helicopter flying** at Walt's- Starts on Wednesday October 6th for the indoor season. Helicopter nights will be Wednesday and Thursday from 5:00 pm until 8:30 pm. The landing fee is \$5.00, there is also a per year pass available. October 28- The indoor helicopter league starts. For any additional information contact Walt's Hobby 453-2291

**Flight Schools-** STARS Flight Schools have closed for the season. Congratulations to all of the 2010 season students. See you next year.

**MOST Volunteer Schedule-** Please contact Peter Seiffert to volunteer. The first Saturday of each month from 10:30 to 3:00.

The next presentation is February 5<sup>th</sup>. Please volunteer.

*Please visit the AMA DistrictII website for additional information on these and other events.*

**Indoor flying at the Oswego YMCA Armory-** Indoor flying has started at the armory. I do not have a formal time schedule. Tim Pease is not running the program this year.

Mark Lytle here, I will be taking care of the indoor flying this year for Hawks and I do appreciate you putting the info in the Propwash for members to see. Currently we are flying every Tuesday night from 7:15 to 9:30 pm at the Oswego Armory

and will until 3/31 -- I only have 2 Saturday dates at this time and they are 11/27 and 12/11 from 3:30 to 7:30pm. I will forward over the rest of the Saturday dates as I get them from the Y. Thanks again for your generosity in posting this to your club,

Mark Lytle  
Hawks RC Jr Aviators - Secretary

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## Advertisements:

### Items FOR SALE:

Arrow 3 with OS 40 engine  
Cessna 182 with OS 40 engine  
Super Decathlon with OS 60 engine  
AeroStar 40 with OS 40 engine  
Carl Goldberg Cub, partially completed, needs covering, 79 " wing span  
OS 70 4 cyl. Surpass engine, New in Box  
Wing jig

Assorted hardware for building, 2 flight boxes with lots of props

If anyone is interested in any of the above items, you can contact:

Keith Barnes (former member of the STARS club)  
315-622-1826  
8 Golf Lane Rd  
Liverpool, NY

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Hobbico NexStar Trainer  
Nitro BNF  
-Spektrum AR500 full range sport receiver  
-OS MaxFxi .46  
-Dynamite Glow Driver/Charger  
-Starter w/battery  
-Pump  
-Field box

**SPECIFICATIONS**  
Wingspan: 69 in (1745 mm)  
Wing Area: 722 sq in (46 dm<sup>2</sup>)  
Weight: 6.5 lb (2930 g)  
Wing Loading: 21 oz/ft<sup>2</sup> (63 g/dm<sup>2</sup>)  
Length: 56 in (1420 mm)

**\$ 200.00 Takes it all home!**

Contact info:  
[garynatali@verizon.net](mailto:garynatali@verizon.net)  
315-657-5695



### WANTED:

T-rex helicopter 250-500 size. Please contact Brian Maestri 315-391-3675  
[paul.maestri21@gmail.com](mailto:paul.maestri21@gmail.com) (Brian is a STARS youth member)

**FOR SALE:** *If you want to list modeling items for sale, R/C services offered, or a really neat R/C web site, this would be a good spot. Free for members. Send your advertisement by e-mail to [jwolsley@ix.netcom.com](mailto:jwolsley@ix.netcom.com).*

*Please put STARS ADVERTISEMENT in the subject line.*

how to build a rc jet B-1 Bomber # 173 pt 1

[hornitpilot](#) 404 videos



**A REALLY COOL WEBSITE-** *Thanks to Rick Colvin for pointing this out at the June 2009 meeting-* For those of you who ever wanted to learn how to make a fiberglass plug and molds, this is the guy to check out. Even if the plane in the project doesn't interest you, the education from the process may. If the YouTube hyperlink doesn't work, copy the following URL into your browser line and click go. It's up over 1000 videos now. Bob is currently building an F-105 on commission to help fund the B-1 project. He is making parts now with a composite foam board. It makes everything very strong and light. He's predicting an all up weight of less than 30lbs. That's impressive for a model this size. He expects to cut 100lbs off the

B1 by remaking the fuse using this technique. How To Build A B-1 Bomber 10 Minutes At a Time

[http://www.youtube.com/watch?v=HqTKJU6PlkA&feature=channel\\_page](http://www.youtube.com/watch?v=HqTKJU6PlkA&feature=channel_page)

This is the link to the web site- <http://www.b1modelproject.com/>



Peter Seiffert sent along the following web site- [www.servodatabase.com/servos/all](http://www.servodatabase.com/servos/all)

Mike Graham has a torque conversion chart-



**The Link for the AMA is:**

<http://www.modelaircraft.org/>

**The link for the AMA DII Calendar is:**

[http://www.amadistrictii.org/amajoom/index.php?option=com\\_events&Itemid=56&task=view\\_month&month=1&year=2011](http://www.amadistrictii.org/amajoom/index.php?option=com_events&Itemid=56&task=view_month&month=1&year=2011)

**The link for the club yahoo users group is:**

[http://groups.yahoo.com/group/stars\\_club\\_members/](http://groups.yahoo.com/group/stars_club_members/) (Don't forget to sign in)

**The link for the STARS club home page at DII is**

<http://www.amadistrictiistars.org/>

The Propwash News Letter is also available at YAHOO GROUPS. The current news letter and previous years/months are viewable and printable from there.

Please contact Mike Graham [tanjmg82@aol.com](mailto:tanjmg82@aol.com) to join the STARS Yahoo group. Send Mike an email asking to join from your preferred email account. Mike will then reply with an invite to join the group. The invitation contains the links and instructions necessary to join.



STARS Field Satellite photo



# S.T.A.R.S.

## Jacket Order Form



The STARS Club jacket is a blue, three season, satin finished, quilt lined jacket with the Club logo on the back and your name embroidered on the front over the left breast.

The prices: \$67.00 for S, M, L, XL; \$71.00 for 2XL; \$73.00 for 3XL

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Name desired on jacket: \_\_\_\_\_

Send form to: Phil Morgan  
4808 Black Oak Drive  
Liverpool, NY 13088

Checks payable to: Phil Morgan (Not the STARS)

Please note that the dealer requires a minimum order of six jackets. I will send your order in when I have six or more.

**Please note- This is the previous order form. Add \$ 5.00 to each of the above prices for 2011 dollars. Phil M. says that will cover the cost increase for this year. Thank you.**



Aero Radio Club of Syracuse  
Syracuse Thunderbirds Aero Radio Society  
Central New York Indoor Flying Society



Jointly Present the **Fifteenth Annual**

***MODEL AIRCRAFT FORUM  
and Electric Fly-In  
[Swap Shop too!]***

**Saturday, January 29, 2011**

**9 AM to 4 PM**

at

***Syracuse Academy of Science Charter School***

*1001 Park Avenue, Syracuse, New York, 4 blocks from Hiawatha Exit off 690 East*

*AMA Sanctioned! AMA license required to fly!*

**ELECTRIC and RUBBER FLYING HELD IN 80' x 80' x 24' INDOOR FACILITY  
in separate large room**

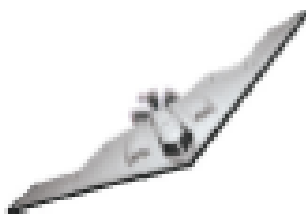
**AIRCRAFT STATIC DISPLAY and Swap Shop  
STARS/ARCS FLIGHT SCHOOLS and RC FLIGHT SIMULATORS  
HOBBY VENDORS and WALT'S HOBBY SHOP  
Concession Stand open all day!!**

**Raffles held through out the day  
(Prizes Donated by Vendors and Manufacturers)**

**Admission - \$4.00  
Children 6 to 12 - \$1.00  
Children 5 and under - free**

For more information, contact:

Peter Seiffert at 316/836-8370 or Herb Ziegler at 316/838-2824  
pseiff1@twony.ny.com and herbz1867@yahoo.com



***Bring your Indoor Aircraft and Fly with Us***

*See back for map*



The location of the Syracuse Academy of Science is just off West Genesee Street.

Parking is off street and immediately outside the gymnasium on the school grounds.

76° 10' 51" W , 43° 03' 12" N



Plenty of room for flying your indoor models here!! Tables will be setup on the stage for working on models and charging them.

If you have models to display or a booth to set up, the room below the flying area can accommodate all your needs.

Concession stand will be open during the day for hot sandwiches and cold drinks.



# 1st Annual Adirondack Heli Bash

8 am - 4 pm

Saturday June 18, 2011

Rain Date  
Jun 19th



Scale

3D

## Hosted by Lazy 8 R/C Club

Field Address

144 Knoblauch Rd., Johnstown, NY 12095

**AMA Membership Required \* NO LANDING FEE \* VENDORS WELCOME**

900 FOOT - Well groomed grass runway

Registration starts at 7:30 am

Electrics can start flying at 7:30 am

Glow/Gas can start flying at 9:00 am

Lunch Time Concession Stand will be available

Primitive Camping Available - Sanitary Facilities



**For more info call or email Event Coordinator:**

**Rocco Conte (518) 848-9028 email: [wu2m@nycap.rr.com](mailto:wu2m@nycap.rr.com)**

**Website: [lazeightrcclub.org](http://lazeightrcclub.org)**

**DIRECTIONS: NYS Thruway Exit 28, Follow NY RT 30A North to NY RT29. Go West on NY RT29 thru the City of Johnstown. Follow signs to County Highway 131. At sign take a right and go one mile to sign at entrance to flying field**

**DONATIONS ACCEPTED IN SUPPORT OF  
ST. MARY'S CANCER PATIENT FUND**



Est. 1965

# Syracuse Thunderbirds Aero Radio Society

Online at: <http://www.amadistrictiistars.org>



Charter 473

## Membership Application Form

Date: \_\_\_\_\_

Membership:       Open (\$220.00 share+dues)       Extra Family member (\$30.00)  
                          Associate (\$75.00)                               Youth (< AMA age 19 - \$5.00)  
                          Park Pilot - Associate (\$75.00)       Park Pilot - Youth (< AMA age 19 - \$5.00)

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
                         \_\_\_\_\_

Phone: \_\_\_\_\_

AMA: \_\_\_\_\_      DOB: \_\_\_\_\_

RC Channels Used: \_\_\_\_\_

STARS Member(s) Contacted: \_\_\_\_\_

Primary Interests (Sport, Scale, Pattern, Fun Fly, etc.): \_\_\_\_\_  
\_\_\_\_\_

Other Club Affiliations: \_\_\_\_\_

Desired Name on Nametag: \_\_\_\_\_

Email Address (for newsletter and notices): \_\_\_\_\_

**You must be a current member of the Academy of Model Aeronautics (AMA) in order to join the STARS. Please show your AMA card to the Officer given this application or include a photocopy of the application for the license.**

*"I have read and agree to abide by the STARS Field Safety Rules." (on back)*

\_\_\_\_\_

**Submit this form to a Club Officer**

Rev 04/10/09

## **STARS Field Safety Rules**

### **1. General:**

- A. License: All pilots, students, and flying guests must have a current membership in a nationally recognized model aircraft association in order to fly.
- B. Spectators: Only those people essential to flight operations will be permitted in the pit area; all others will remain on the spectator side of the fence.
- C. Impound: All pilots, students, and flying guests must place their transmitter(s) in the impound area immediately upon arriving at the field.
- D. Vehicles: Vehicles will not be permitted on the flying field.
- E. Crash Debris: Pilots must retrieve all pieces of their aircraft after a crash. Particularly, attention must be made to obtaining all pieces of aircraft that land in the neighboring fields under cultivation.
- F. Trash: All members will take home their own trash.
- G. Alcoholic Beverages: Members will not consume alcoholic beverages prior to, nor during, participation in any modeling operations.
- H. Smoking: Smoking will not be permitted in the pit area or on the flight line.
- I. Mowing: Flying on the field will not be permitted if the field is being mowed or maintained.
- J. PPMIP: Those pilots participating in the Park Pilot Membership Program must fly models that weigh two pounds or less and be incapable of reaching speeds greater than 80 mph. They must be electric or rubber powered, or of any similar quiet means of propulsion.

### **2. Transmitters:**

- A. Frequency Control (**For non 2.4 GHz transmitters only**): All members, students, and guests must make use of the field frequency control system. Each pilot will obtain the correct frequency flag (or pin) from the impound board and attach it to his/her transmitter before attempting to fly.
- B. Range Checks: Each pilot will conduct a successful radio equipment ground range check before flying a new or repaired aircraft and prior to each flying session.

### **3. Engines:**

- A. All internal combustion engines run at the field will have a cilencer (except for small displacements of .88 cubic inches or less).
- B. When running an engine in the pits, keep neighboring personnel behind the prop arc.

### **4. Flying:**

- A. Boundaries: Flying over the pit area or the spectator side of the fence is prohibited, unless beyond the control of the pilot(s).
- B. Taxing: Taxing is prohibited in the pit area!
- C. Flying:
  - (1). Pilots will initiate their first turn after takeoff away from the pit and spectator areas.
  - (2). Engines will not be started before 9 AM Monday through Saturday and 11 AM on Sunday, unless approved by the Event Director.
  - (3). No more than three aircraft will be permitted in the air at one time.
  - (4). All flying will be conducted from the designated flight boxes.
  - (5). Hand launching of aircraft is prohibited from the pits.
  - (6). Flight operations will cease during electrical storms.

### **5. Guests:**

- A. All guests must have a current membership in a nationally recognized model aircraft association in order to fly.
- B. Guests may fly at the field only with the approval of a member in good standing and only as long as a sponsoring member remains at the field. Guests will not fly unattended.
- C. A local guest will be allowed to fly at the field on three (3) separate occasions and then will be asked to join the Club.
- D. An out-of-town guest may make arrangements with the Club to fly at the field while visiting the area. The Club Officers and the Safety Officer will handle each out-of-town visitor on a case-by-case basis.
- E. All guests are required to extend every courtesy to current members sharing the same flying frequency. But when there is a conflict over who shall fly, the Club member will have the first option to fly. Both the guest and the members should use common sense while sharing the flight line or using the same radio frequencies.

**Plane Propwash**

Syracuse Thunderbirds Aero Radio Society  
Monthly News Letter  
January 2011