

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



January 2016

Charter 473

The Next General Meeting will be February 10th, at 7:00 at Walt's Hobby Town.

2016 Officers

[Ken Kadish, President](#)
[Paul Volcko, Vice President](#)
[Bob Rowe, Treasurer](#)
[Jeff Wolsley, Secretary](#)
[Peter Seiffert, Safety Officer](#)

Directors:
Peter Seiffert, 2007-08
Herb Moore, 2014
Phil Morgan *2011-2013

Volunteer Staff:
[Jeff Wolsley, Propwash Editor](#)
[Michael Graham, SYG Administrator/Club Historian](#)
[Paul Volcko, Webmaster](#)
[David Jewell, Field Committee](#)
[Ralph Goldstrom, Facebook Admin](#)

The next STARS meeting will be at Walt's Hobby Town, February 10th, at 7:00. As a reminder, the meeting is always the second Wednesday of the month. The STARS monthly meetings will be at Walt's until spring.

!!!

Every day without significant snow is a day closer to spring; that's my story, and I'm sticking to it.

As mentioned in the last Propwash, there are plenty of activities to keep us busy in the meantime, including the STARS Auction, the 20th Annual Model Aircraft Forum, the Annual STARS Snow Fly, and indoor flying in both Cicero and Camillus.

I would like to congratulate Phil Morgan on his election as our new director, replacing Chuck Levine for Chuck's remaining term.

At our last meeting on January 14, 2016, there were a number of important topics which were discussed.

New FAA rules regarding the registration of models exceeding .55 lbs. was discussed. Remember, if you register before midnight on January 21, 2016, the registration fee of \$5.00 is refunded. Also remember that according to current FAA rules, all covered models owned prior to December 21, 2016 must be registered not later than February 19, 2016.

Also at the meeting, a motion was made to call for a vote at the next Club meeting on February 10, 2016 on whether or not the Club should purchase an Automatic Emergency Defibrillator. I urge all members to become familiar with the issues involving the use and ownership of an AED, and attend the February meeting to cast your vote.

The January meeting also hosted a discussion concerning the adoption of several bylaw changes which are designed primarily to conform our bylaws to our actual

practices. A motion was made to call for a vote at the next Club meeting on February 10, 2016, regarding the adoption of these bylaw changes. Please be sure you have received, read, and understand these proposed changes to our by-laws prior to our next meeting.

If you have any questions regarding the defibrillator, please speak with Phil Morgan. If you have any questions regarding the proposed bylaws changes, please speak with either me or Paul Volcko.

One final item of interest which we are working on revolves around the FAA requirement that airports within five miles of our field be notified of our existence. There are four small airfields within five miles of our field, and we are in the process of notifying these facilities.

There were two other discussions at the January meeting which bear mention. While the Club is in a solid financial condition, it is becoming apparent that as our expenses rise for items such as real estate taxes, insurance, and food costs, it is possible that our member dues and food prices may not be keeping pace.

With this as basis, I would like to ask for volunteers to sit on a food sub-committee and a dues sub-Committee with the task of revisiting our revenues in these areas and formulating action plans accordingly. Please speak with me or Paul Volcko if interested.

Please remember that dues are now due.

The next STARS meeting will be February 10, 2016 at Walt's, and I hope to see you all there.

Ken

2016 STARS dues are due. Dues can be paid at the February monthly meeting or mailed directly to Club Treasurer Bob Rowe at any time. After the January meeting there is a \$10.00 per month late fee.

Secretary's Report: Jeff Wolsley

The January STARS regular meeting was called to order at 7:10. A little late due to the weather. There were 14 Open Members, 3 Associate, 0 guest, and 0 youth member in attendance.

Secretary's Report:

The Secretary's Report from the November meeting was accepted as published in the Propwash. The motion to accept by Peter Seiffert and seconded by Mike Graham. Carried.

Treasurer's Report: Bob Rowe

There was a recap of the 2015 Treasury and general trend were discussed. The treasury is okay going into 2016. Dues are coming in. A request was made to look at our revenue streams by committee and consider revising some of the fees as our operating expenses, such as taxes and insurance, increase in 2016. Motion to accept by Herb Moore and second by Mike Graham. Carried.

Committee Reports:

Field Committee: Dave Jewell

Nothing new to report. Winter has set in. There is still some flying activity.

AMA: Peter Seiffert

Go ahead with FAA registration. The official FAA registration web site is <https://registermyuas.faa.gov/> Be careful of fake registry sites. Register before January 21 to get the \$ 5.00 registration fee refunded.

The AMA is continuing to work with the FAA and DOT. There are two hang ups ó Allow the AMA to use their number instead of the FAA issued number and the names on the FAA registry are not private. The AMA is working on a resolution.

Mike Graham provided this article from R/C Groups that explains the FAA issues-

<http://www.rcgroups.com/forums/showthread.php?t=2581078>

Safety Report: Peter Seiffert

No immediate safety concerns at the field at this time.

Flight School: Bob Rowe

Both flight schools have completed their classes. The schools will be starting back up in the spring.

STARS Web Site: Paul Volcko

The field cameras are working great. The website is up and running well. Back issues of the Propwash are now available on the website.

Please view the field cam at:

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

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

This is an infrared cam so you can see some activity at night.

Old Business:

Future Planning:

The fence ó Spring project.

Club house drainage- Tabled until it becomes an issue again
New windows for the original part of the club house are in.

AED- There will be a member vote at the next meeting to authorize the purchase of an AED device.

STARS received a grant from the AMA that covers 10% of the purchase. Phil Morgan researched several units and narrowed it down for us. Phil reported:

The batteries are warrantied for 4yrs and will last 8-10yrs. The contact pads are one (1) time use. Replacement pads are \$ 45.00. The units require some care and can not be left at the field during the winter. Therefore it will need to be brought to the field for winter events. There are audible instructions given during use to tell the operator how to use it. The unit does some diagnosis after connection to the victim and will not fire if the person still has a regular heartbeat. It was recommended to call 911 for corroborating instruction.

There are several arguments for and against having this device. It will need to be maintained in working order. It not a set-it-and-forget-it item. Someone will need to be designated to maintain the unit.

There were some points made regarding legal responsibilities for having and using the AED, not using it properly, or finding it inoperable at the time of an emergency. An argument was made for not having the AED at all.

Big Bird Giant Scale:

The last formal session of the big birds has been held. Stay tuned for the 2016 schedule.

Control Line:

Mike O'Neil ó will coordinate events at the field.

Mike has a DVD of Joe Nall Week to loan out. Contact Mike if you are interested in borrowing it. [Mike O'Neil](#)

Facebook:

The STARS now have a Facebook page. There are 52 members at this time.

New Business:

Drone Training Program:

VP Paul Volcko is working on a drone training program. The program will assist new flyers and promote new membership.

New Members:

No new members for the January meeting.

STARS Christmas Party:

Ken thanked everyone for coming to the event.

2015 Summary:

Ken offered a summary of the 2015 STARS accomplishments. In case you weren't aware or hadn't noticed, the list is an accounting for most of what went on, in no particular order, here goes:

Successful CPR course taught at the field

Heli Jam and Airshow went well

Numerous field and clubhouse improvements

Flight schools went well

Field improvement grant

Ken requested that more members get involved in 2016. Field events and membership recruiting are just some of the ways to get more involved.

Director Replacement:

The STARS Charter requires the club have three (3) directors. Chuck LeVine resigned his BOD position. Phil Morgan was named as a candidate to replace Chuck LeVine who resigned after the November 2015 meeting. Phil has the necessary qualifications to make him a candidate for the position to serve out the balance of Chuck's time as a director. Peter Seiffert made a motion to accept Phil, Mike Graham 2nd. The open membership in attendance voted to accept Phil as the replacement director.

Proposed By-Law Amendment:

The proposed by-law amendments were handed out to the membership attendance. The amendments were discussed. These are for clarification of officer duties and improved procedure.

The proposed amendments are below in the news letter.

A motion was put forward to approve the by-law amendments as proposed in the January meeting. A vote will take place at the February meeting for approval. The motion was made by Paul Volcko and 2nd by Herb Moore. Motion approved.

Adjournment:

The January regular monthly meeting of the STARS was adjourned at 8:11pm.

Secretary, Jeff Wolsley

After the Meeting Show and Tell

Someone brought a nearly finished biplane that would have been nice to show to the membership. However, the meeting ran a little long and the weather was still threatening. Please announce that you have something for show and tell to one of the club officers before the start of the meeting.

Safety Officer Report: Peter Seiffert

Flight Stations:

I have noticed that members are sometimes not using the flight stations. The flight stations are for a purpose. The **first** purpose is to protect the pilot if an aircraft decides to aim toward the flight line. They protect the pilots from getting hurt. I have visited fields that have a full height chain link station with a top to protect the pilot. The **second** reason is to organize the flight line. If pilots are using the flight stations other members know immediately who is flying and how many are pilots are flying. Case in point, if a pilot is not flying from a station other pilots may not notice the pilot who is not at the station and start flying. The problem is there could be too many aircraft in the air and/or other activity that may interfere with the pilot not at the flight station. I have heard the reason that the pilot not in the flight station thought they would be out of the way of other pilots. The pilot out of the flight station is creating a safety issue because they are not easily noticed. The hover station was created to learn to hover or test hover, not open flying. I am going to suggest the field eliminate the hover station.

The crosswind runway was created to use if there is a crosswind only. If pilots are piloting from the right end of the field to the right flight station they are in the crosswind runway. All flying, including helicopters, and should be at the flight stations only. **PLEASE USE THE FLIGHT STATIONS CORRECTLY!**

Please remember that safety is every member's responsibility, not just the safety officers.

Safety Officer;

Peter Seiffert

Proposed By-Law Amendments

January 13, 2016

These amendments to the club's by-laws are offered for consideration. A motion for amendment is planned to be made at the January 13th meeting with the vote on the amendments to be conducted at the February 10th meeting, in accordance with the by-laws.

These are an effort to bring the by-laws up-to-date with current practice, to encourage more youth membership and participation in the hobby, and to give membership control of who sits on the Board of Directors in more of the circumstances which lead to a vacancy.

Article 2, sub B

Current

Vice-President: The Vice-President shall act for the President when he is unable to serve. He/she will also act as Program Coordinator for the Club. **The Vice-President shall issue and retire shares of stock to/from Members, as needed, and keep said transactions recorded.**

Proposed

Vice-President: The Vice-President shall act for the President when he is unable to serve. He/she will also act as Program Coordinator for the Club. **The Vice-President shall maintain a membership roster consisting of name, address, phone number, AMA license number, and current radio control frequencies used by each Open member, Associate member, Extra Family member, and Youth member.**

Article 2, sub D

Current

Treasurer: The Treasurer shall collect all monies due and shall keep a record of all monies received and disbursed by the Club. He/she shall maintain bank accounts for all monies held. A second officer shall be required as cosignatory on all accounts held by the Club. Two signatures shall be required for all transactions over 500.00 dollars. **The Treasurer shall maintain a membership roster consisting of name, address, phone number, AMA license number, and current radio control frequencies used by each Open member, Associate member, Extra Family member, and Youth member.**

Proposed

Treasurer: The Treasurer shall collect all monies due and shall keep a record of all monies received and disbursed by the Club. He/she shall maintain bank accounts for all monies held. **The Treasurer shall issue and retire shares of stock to/from Members, as needed, and keep said transactions recorded.** A second officer shall be required as cosignatory on all accounts held by the Club. Two signatures shall be required for all transactions over 500.00 dollars.

Article 5, Section 1

Current

Regular meetings shall be held monthly at a place designated by the President. **A notice/reminder of regular meetings shall be mailed in advance of the meeting to arrive at the members postal address within seven (7) days of the meeting.** To conduct business a quorum of ten (10) members shall be required for a regular meetings.

Proposed

Regular meetings shall be held monthly at a place designated by the President. **A notice/reminder of regular meetings shall be made in advance of the meeting via electronic mail or other means deemed appropriate by the President.** To conduct business a quorum of ten (10) Members shall be required for a regular meetings.

Article 7, Section 3

Current

The annual Youth (for those under 19 as of 1 July) membership dues to the STARS shall be \$5.00. Annual dues are not refundable.

Proposed

The annual Youth (for those under 19 as of 1 July) membership dues to the STARS shall be \$0.00.

Article 7, Section 5

Current

Associate member dues will be determined by simple majority vote of the members present. The dues are for the calendar year of January 1, to December 31. If an Associate joins after September 1, dues for the remainder of the year are two-thirds (2/3) of the yearly dues.

Proposed

Associate member dues will be determined by simple majority vote of the members present at the November meeting of each year. The dues are for the calendar year of January 1, to December 31. If an Associate joins after September 1, he has the option of either paying:

- a) 1/3 of the annual dues rate for the remainder of the year; or
- b) Full annual dues, at current annual rate, for the remainder of the current year and all of the next year.

Article 13, Section 4

Current

Newly created Directorships resulting from an increase in the number of Directors and vacancies occurring in the Board for any reason except the removal of Directors without cause may be filled by a vote of a majority of the Directors then in office, although less than a quorum exists, unless otherwise provided in the certificate of incorporation. Vacancies occurring by reason of the removal of Directors without cause shall be filled by vote of the Members. A Director elected to fill a vacancy caused by resignation; death or removal shall be elected to hold office for the unexpired term of his predecessor.

Proposed

Newly created Directorships resulting from an increase in the number of Directors and vacancies occurring in the Board for any reason, including the removal of a director for cause, will be filled by a vote of the Members after nomination by the remaining Directors or by the Members. A Director elected to fill a vacancy for any reason shall be elected to hold office for the unexpired term of his predecessor.

Article 13, Section 3

Current

The number of Directors may be increased or decreased by vote of the members or by a vote of a majority of all of the directors shall shorten the term of any incumbent Director.

Proposed

The number of Directors may be increased or decreased by vote of the Members, but not to fewer than the minimum number specified in Article 13, Section I.

PRODUCT SAFETY RECALL-

-----NEWS from CPSC-----

U.S. Consumer Product Safety Commission

Office of Communications

4330 East West Highway, Bethesda, MD 20814

www.cpsc.gov

Horizon Hobby Recalls E-flite Chargers Due to Fire Hazard

<http://www.cpsc.gov/en/Recalls/2016/Horizon-Hobby-Recalls-E-flite-Chargers/>

Recall Date: October 15, 2015

Recall Number: 16-008

Horizon Hobby Recalls E-flite Chargers Due to Fire Hazard

Summary

Name of Product: E-flite Ultra Micro-4 AC/DC Battery Chargers

Hazard: The chargers can overcharge the batteries and overheat, which could result in a fire, property damage and injury.

Remedy: Replace

Consumers should stop using the recalled chargers immediately and contact Horizon Hobby for a replacement charger.

Consumer Contact: Horizon Hobby toll-free at 877-504-0233 from 8 a.m. to 7 p.m. CT Monday through Friday, 8 a.m. to 5 p.m. CT Saturday and noon to 5 p.m. Sunday or online at www.horizonhobby.com and click on Product Recalls listed under the Support tab at the bottom of the page for more information.

Photos available at: <http://www.cpsc.gov/en/Recalls/2016/Horizon-Hobby-Recalls-E-flite-Chargers/>

Recall Details

Units: About 1,300

Description: This recall involves the EFLC1105 E-flite Ultra Micro-4, 4x9W, AC/DC Battery Charger from E-flite. The charger has four independently functioning charge circuits with a LED status display. Each port can charge one 30. 150mAh, 1S UM cell, a 1S MCPX cell, or one 120. 300mAh 2S pack equipped with a JST-PH, 3-wire connector. The charger measures 5 inches tall by 7 inches wide by 1.5 inches deep. The charger is blue with a gray, black and blue faceplate with white and black type. %flite Celectra UMX-\$ Battery Charger+is printed across the center of the charger.

Incidents/Injuries: None reported

Sold exclusively at: Horizon Hobby stores nationwide and online at www.HorizonHobby.com from March 2015 through June 2015 for about \$70.

Importer: Horizon Hobby LLC, of Champaign, Ill.

Manufactured in: China

The U.S. Consumer Product Safety Commission (CPSC) is still interested in receiving incident or injury reports that are either directly related to a product recall or involve a different hazard with the same product. Please tell us about your experience with the product on SaferProducts.gov.

Media Contact

Please use the phone numbers below for all media requests.

Phone: (301) 504-7908

Spanish: (301) 504-7800

CPSC Consumer Information Hotline

Contact us at this toll-free number if you have questions about a recall:

800-638-2772 (TTY 301-595-7054)

Times: 8 a.m. - 5:30 p.m. ET; Messages can be left anytime

Call to get product safety and other agency information and to report unsafe products.

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

January 29th- STARS Auction at Walt's
5:00 for setup 6:00 bidding begins

**February 6th- 20th Annual Model Aircraft
Forum 9:00-4:00**

February 26-28 WRAM Show

March 6th- STARS Snow Fly 11:00-4:00

**Indoor activities will be winding up for winter!
Look for additional indoor events and updates
to indoor flying schedules!**

Camillus Indoor Aviators (CIA) Indoor flying at First Baptist Church located at 1960 State Route 5 in Elbridge Tuesday and Friday 6:00 to 9:00 and the first Saturday of each month 4:00 to 9:00 (2.4GHz only)

CNY Indoor Flying Society Please visit the web page for details before attending. Sacred Heart Catholic Church on Route 11, Just South of Cicero, NY. Tuesdays and Thursdays 12:30-4:00. Saturdays 6:00-9:00.

Walt's Hobby Town- Indoor flying will be available at Walt's during normal business hours. Please contact Walt's Hobby Town for further details and landing fees.

MexAir R/C Indoor flying from October thru April, Friday night from 6pm-9pm at the Mexico Elementary School located in Mexico, NY. There is a \$5 charge for any adults who wish to fly. Anyone ages 19 or below fly for free!!

Flight Schools- Wellí Now it's too late to join one of the 2015 flight schools. But it's never too early to start thinking about 2016!

The flight schools for 2016 will be starting up in April. Look for the pre-flight work shop flyer.

Big Bird- The big bird flyers will start meeting again in the spring. Now's a good time to go over the Big Bird Safety list and do a check of all your aircraft. Make a list of the new parts you need and bring it to the Walt's Secret Santa Sale.

Please visit the [AMA District II](#) website or the Event Section in the back of Model Aviation for additional information on these and other events.

IMAA Big Bird Safety Checklist

Balance

Is the longitudinal center of gravity (for and aft) within the range shown on the plans?

Is the model balanced laterally (side to side)?

Alignment

Are all the flying surfaces at the proper angle relative to each other?

Are there any twists in the wing?

Do the wings and removable tailplane seat properly on the fuselage every time?

Is the engine set at the proper thrust angle as shown on the plans?

Control Surfaces

Are all control surfaces securely attached? (i.e., hinges glued, pinned). Pull on each one to test.

Are the control horns secured to the model?

Control Linkages

Have all the linkages been checked to be sure they are secure?

Are the clevises closed? (Keepers or fuel tubing should be fitted to ensure they stay closed)

Engine / Motor Mount Security and Operation

Are all engine mount screws tight, including mount to bulkhead if applicable?

Are the propeller bolts and/or spinner tight? If a single nut, is there a safety nut as well?

Does the throttle work without binding?

Does the throttle trim tab shut down the engine?

Has the propeller been balanced and checked for damage?

Are the propeller tips painted a contrasting color? (while not essential it makes the propeller much easier to see)

Has the engine been thoroughly test run? (engine idle and throttle up properly)

Is the fuel tank installed correctly? (i.e., carburetor at the same height as fuel tank, fuel tank clunk in proper position and moving freely, fuel lines in good condition and connected to the engine correctly)

Radio Equipment

Are the receiver and the battery securely mounted and padded with foam to protect from vibration and shock?

Are all the electrical connectors secure?

Is the receiver's antenna fully extended and in good condition?

Are the batteries charged and in good condition (check under load with a volt meter if unsure)?

Are all servo securely fastened to the rails or trays?

Are servo arms firmly attached with screw in place?

Are all push rods firmly secured in servo arms (again keepers or fuel tubing should be fitted)?

Are the control throws in the correct direction with proper amount of deflection (as per plan)?

Rudder & tail wheel: Left stick should move the rear of the rudder and tail wheel to the left.

Nose wheel: Left stick should move the front of the nose wheel to the left

Aileron: left stick should move left aileron up and right down.

Elevator: Pulling back on the stick should move the back of the elevator up.

Canard: Pulling back on the stick (elevator) should make the front of the canard move up

Throttle: With trim set fully forward, pushing the stick forward should open throttle fully. With trim set fully backward, pulling the stick back should fully close the throttle.

Has a full range check been performed? (see below)

Undercarriage (where fitted)

Is the undercarriage firmly attached to airframe and the wheels securely retained?

Does aircraft taxi in a straight line?

General

Is the covering tight with no visible signs of damage?

Are the retaining bolts in place and secure?

Are all hatches, cowls and canopies secure?

Are all components structurally sound?

Is your name and contact details marked on the model somewhere easily visible? (in case it's lost)

Range Checking the radio

Verify frequency is available and mark it as yours if necessary.

Turn on transmitter check the correct model is selected (if applicable) and then turn on the receiver.

Important: make sure the transmitter aerial is down fully.

Ask someone to help and walk away from the model until signs of loss of control is apparent. If electric powered ensure that the range is not worse with the motor running.

Before EVERY flight:

Check the receiver battery pack to ensure enough charge for the flight intended.

Check for damage and the control throw direction of all surfaces.

Advertisements:



Open 10-7 Tuesday thru Sunday.

315-532-6826

www.mexairrc.com

www.facebook.com/mexairrc

**Winner of AMA 2015 Hobby Shop Award
for signing up new AMA members.**

FOR SALE:

Please visit the Southern Tier RC Swap Shop. Dan Luchaco has included me in his mailing list. This is the current edition. The latest edition will be out after January 20th.-

December 9th
2015.pdf

All contact information is included with the ads.

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@verizon.net. Please put STARS ADVERTISEMENT in the subject line.

Links-

New website to check out- <http://www.flyboyzblog.com/>

This site has articles pertaining to both full scale and model aircraft. Check it out.

Howard Blair found an interesting video from YouTube on micro flight

<http://www.youtube.com/watch?v=fuoFA2fKjEo&feature=fvst>

Tom Catalino pointed out this site recently. An excellent site for Lipo battery info-

<http://sites.google.com/site/tjnguytech/charging-how-tos/balance-connectors>

Peter Seiffert sent along the following web site- www.servodatabase.com/servos/all

Mike Graham has a torque conversion chart-



Servo Torque
Conversion Chart.pdf

Arming Switch Information-

AMPϕ- Arming The Big Boys, by Greg Covey November 2007

http://www.rcuniverse.com/magazine/article_display.cfm?article_id=950

RunRyder- How To Make A Spark Arrestor for an ESC by Lucien Miller

<http://www.helifreak.com/archive/index.php/t-289393.html> look down to the post from gbidwell from 4-24-2011 06:01am. That's the exact article that I have from RunRyder.

Note- Many of the newer ESCs have a built in spark arrestor. If you still see and hear the spark, this is a good idea to save the plugs.

The Link for the AMA is:

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

The link for the AMA DII Calendar is:

<http://www.amadistrictii.org>

The link for the club yahoo users group is:

http://groups.yahoo.com/grjwoup/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 link for the STARS club web cam is:

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

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 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.

Auction 2016



When?

Friday, 29 January 2016

5 PM to 9 PM

Bidding starts at 6:00 PM

Where?

Walt's Hobby Town

No Admission Fee!!

Only Modeling Aircraft and Related Items will be Auctioned

10 % Commission will be charged on all Sales

Sellers will not be permitted to bid on their own Equipment

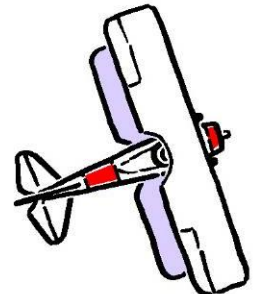
A Minimum acceptable bid will be required on each item up for Bid

5:00 PM to 6:00 PM — Setup and Preview

Auctioneer: Phil Morgan

For more information, contact:

Phil Morgan: 457-3674





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



Jointly Present the 20th Annual

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

**Saturday, February 06, 2016
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 membership required to fly!

ELECTRIC and RUBBER FLYING HELD IN 80' x 80' x 24' INDOOR GYM

Forums held in classroom separate from gym

AIRCRAFT STATIC DISPLAY and Swap Shop (no commission)

STARS/ARCS FLIGHT SCHOOLS and RC FLIGHT SIMULATORS

HOBBY VENDORS and WALT'S HOBBYTOWN

Concession Stand too!!



**Admission - \$5.00
Children 6 to 12 - \$1.00
Children 5 and under - free**



For more information, contact:

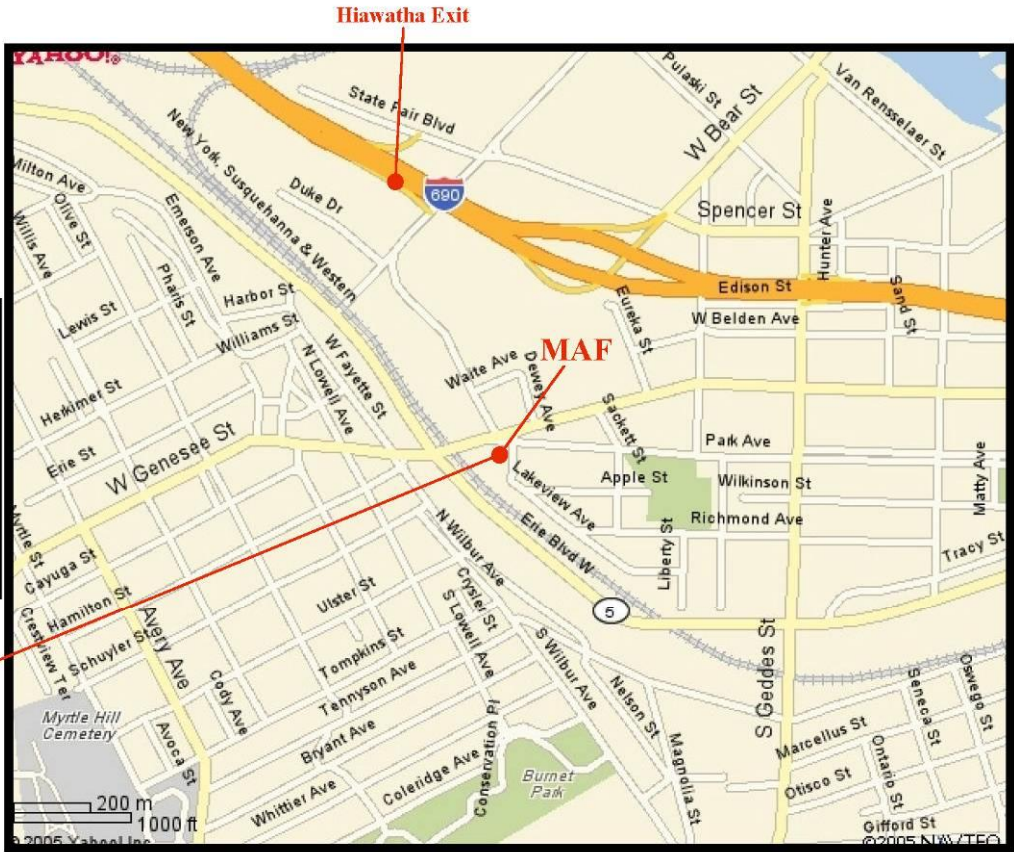
**Peter Seiffert at 315/635-6370 or Herb Ziegler at 315/857-6266
pseiffert2@gmail.com and herbz1957@yahoo.com**

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.



WRAM SHOW 2016

February 26-28
48th Annual Show



MEADOWLANDS
EXPOSITION
CENTER

Meadowlands Exposition Center
at Harmon Meadow
Secaucus, New Jersey
www.mecexpo.com



New Seminar Location on Main Level
Featuring Drone Vendors & Demos

- Convenient access from highways & airports
- 150+ exhibitors, large demo areas for aircraft, boats & cars
- Centrally located Static Display/Competition
- Swap Shop for great used gear deals
- Free, covered parking
- 15-minute bus to/from NYC
- Hotels, restaurants, shopping & entertainment — all within a 5-minute walk

\$10,000 in Cash Prizes!

Visit our website for show details: www.wram.org



S.T.A.R.S.

Annual 2016 Snow Fly



When?

Sunday, 6 March 2016

11 AM to 4 PM

Where?

S.T.A.R.S. Field in Phoenix, NY

(See map on back)

Admission: *NONE*

Open Flying - fly when you are warm enough!

Heated, enclosed pavilion.

Power available for charging batteries.

Food & Beverages to be served all day.

Come and fly all day!

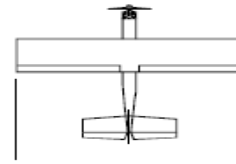
For more information, contact:

Ken Kadish, President: 449-3239



Sponsored by the Syracuse Thunderbirds Aero Radio Society, Inc.

S.T.A.R.S. Field 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. 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 60 mph. They must be electric or rubber powered, or of any similar *quiet* means of propulsion.
- 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. Impound: All pilots, students, and flying guests must place their transmitter(s) in the impound area immediately upon arriving at the field.
- C. Vehicles: Vehicles will not be permitted on the flying field.
- D. 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.
- E. Trash: All members will take home their own trash.
- F. Alcoholic Beverages: Members will not consume alcoholic beverages prior to, nor during, participation in any *modeling* operations.
- G. Smoking: Smoking will not be permitted in the pit area or on the flight line.
- H. Mowing: Flying on the field will not be permitted if the field is being mowed or maintained.

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 silencer (except for small displacements of .09 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 (**electrics may start at 10 AM**), 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.

6. RC Aircraft Utilizing "First Person View" Systems (AMA Document 550):

- A. GENERAL:
 - (1). FPV flying of radio control model aircraft by AMA members is allowed only for noncommercial purposes as a hobby/recreational and/or competition activity.
 - (2). All FPV flights must be conducted in accordance with AMA's current National Model Aircraft Safety Code and any additional rules specific to the flying site/location.
- B. OPERATIONS – REQUIREMENTS - LIMITATIONS:
 - (1). AMA FPV novice pilots must use a buddy-box system with an FPV spotter while learning to fly FPV.
 - (2). All FPV flights require an AMA FPV pilot to have an AMA FPV spotter next to him/ her maintaining VLOS with the FPV aircraft throughout its flight.
 - (3). The FPV pilot must brief the FPV spotter on the FPV spotter's duties, communications and hand-over control procedures before FPV flight.
 - (4). The AMA FPV spotter must communicate with the FPV pilot to ensure the FPV aircraft remains within VLOS, warning the FPV pilot of approaching aircraft, and when avoidance techniques are necessary.
 - (5). The FPV spotter may at any time during an FPV flight acquire the transmitter from the FPV pilot and assume VLOS control of the aircraft.
 - (6). If the FPV pilot experiences a problem due to a loss of video link, orientation, or is unable to safely fly, he/she must abandon FPV mode and fly VLOS or pass the RC transmitter to the FPV spotter to assume VLOS control of the aircraft.
 - (7). Before initial FPV flight - and after any flight system changes or repairs, FPV model aircraft must be test flown by conventional VLOS to determine that flight systems are working properly.
 - (8). FPV model aircraft must use frequencies approved by the FCC for both the RC system and the wireless video system. Pilots must meet applicable FCC licensing requirements if they choose to operate the RC flight control system or the wireless video system on Amateur Band frequencies.
- C. RANGE – ALTITUDE – WEIGHT – SPEED:
 - (1). One of the requirements in Federal Law (Public Law 112-95 Sec 336 (c) (2) February 14, 2012) for model aircraft to be excluded from FAA regulations is that model aircraft be flown within VLOS of the operator.
 - (2). Model aircraft flown using FPV must remain at or below 400 feet AGL when within 3 miles of an airport as specified in the AMA Safety Code.
 - (3). Model aircraft flown FPV are limited to a weight (including fuel, batteries, and onboard FPV equipment) of 15 lbs. and a speed of 70 mph.

STARS

Field Protocol

Dedicated to responsible
RC fun with safety by
choice, not chance.

5

1. General:

- A. Civil and courteous behavior is required at the field at all times.
- B. Safety is paramount and everyone's business. Use common sense in all matters.
- C. It is strongly recommended that you do not fly alone.
- D. Learn where the First Aid station is located and inform the Field Committee if material has been issued from it.
- E. When opening or closing combination locks, *always* set the wheels to 0000.
- F. Last member out must close and lock the refrigerators, pavilion, and main gate.
- G. Cell phones are not to be used on the flight line or in the pavilion near the transmitters.

2. Engine Courtesy:

- A. Long term tuning and initial break-in should be conducted away from the pits and spectators (usually at the engine break-in stand).
- B. Do not direct prop wash at other modelers, their aircraft, equipment, or bystanders behind the pit fence. Kindly inform those bystanders near the fence that you intend to start an engine before you do so.

2. Flying Courtesy:

- A. Any person wishing to enter an active flying field or runway to cross same or to retrieve an aircraft, must loudly announce their intention to all fliers on the flight line.
- B. A "landing" aircraft has the right of way over an aircraft "taking-off".
- C. A "dead stick" aircraft has the right of way over all others.
- D. All take-off and landing attempts must be announced to other pilots on the flight line. Take-offs are normally announced by saying "taking off", and landings are announced by saying "landing" or coming in". Dead stick landings are announced clearly to all pilots in the pits and on the flight line by saying "dead stick".
- E. A pilot having difficulty in controlling his/her aircraft must announce to all in the pits and on the flight line that he/she is experiencing radio or mechanical problems. Pilots on the ground preparing to fly will turn off their transmitters and wait for the problem to be resolved before continuing to fly. Fliers in the air will stay clear of the aircraft in distress and will land, if possible, as long as it does not contribute to the crisis. All personnel near the pit area must be alerted to the situation.
- F. If a crash occurs on the field or in the pits, all flying will stop until the accident has been investigated and the debris has been cleared from the field.
- G. Normal flight duration is 10 minutes. Obviously, flight time may be extended if there are no other pilots waiting to fly or waiting for a particular radio channel.
- H. When you have finished flying, please return your transmitter to the impound.

3. Good Earth Policy:

- A. Place recyclables in the appropriate container in the pavilion.
- B. Turn off all pavilion lights when departing the field for the night.
- C. The field does not have a trash removal service. If you carry anything to the field, carry it back out.
- D. If a pilot or guest brings a pet to the field, he/she will be responsible for supervising the animal's conduct while at the field. Please observe all appropriate Field Rules.
- E. If you smoke, please place all cigarette butts in the butt cans in the field.
- F. Do not throw cans or bottles or any other trash in the outhouse pits.
- G. DO NOT DRINK THE WELL WATER. Well water is to be used for washing only.

4. Replacement Courtesy:

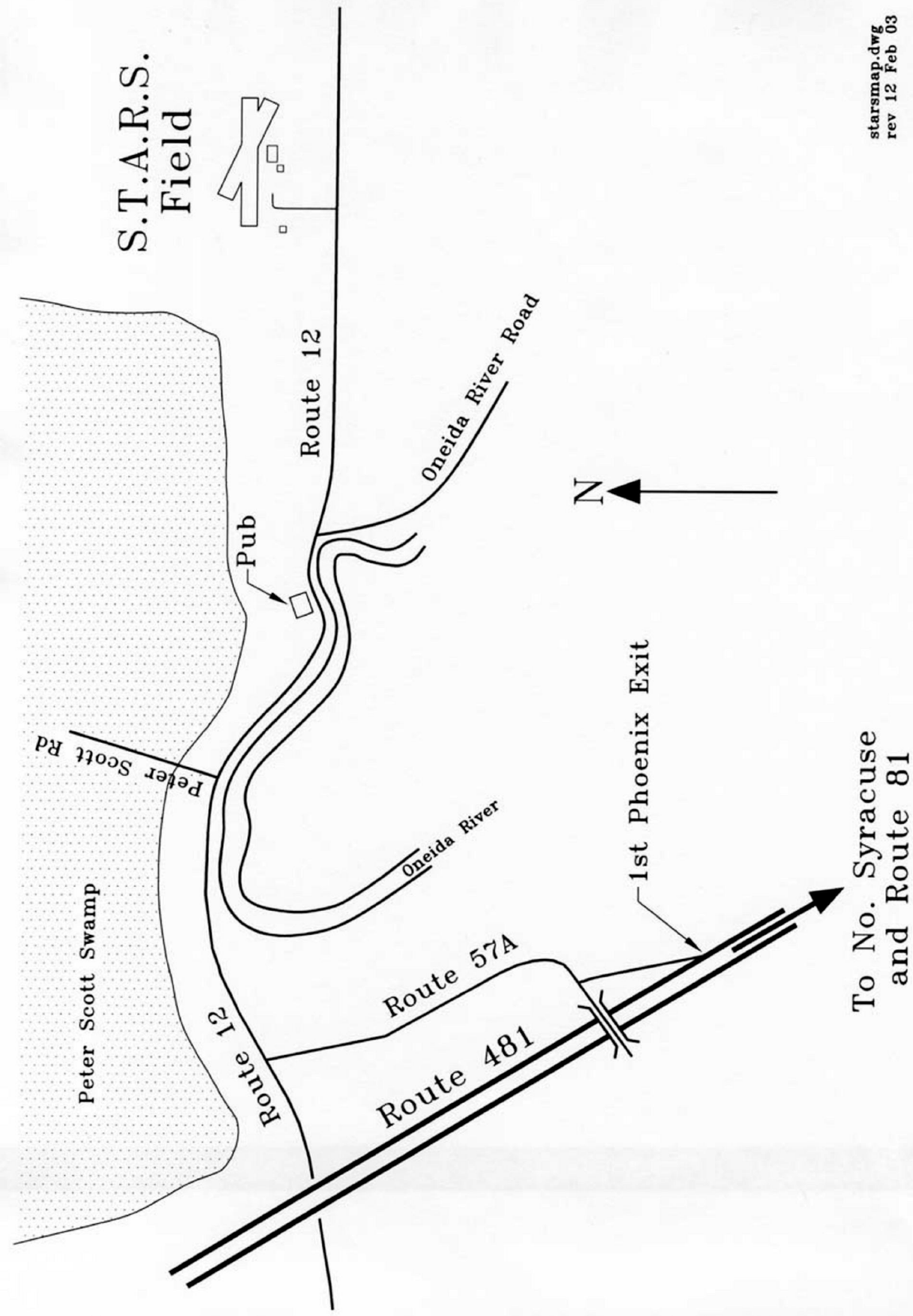
- A. Where an individual's plane or property is damaged by the actions of another individual, it will be the responsibility of the two parties to resolve the situation in an appropriate manner.

STARS POLICY REGARDING PHOTOGRAPHY

- STARS is a membership organization organized under the laws of the State of New York.
- The STARS flying field, located in Phoenix, New York, is owned by STARS, and as such, is privately owned property.
- The purpose of this policy is to limit and restrict the reproduction of images, in any form, of the STARS property and the activities which occur thereon.
- While the STARS property is privately owned, members, guests, and the general public are welcome at the field during published field hours of operation. Members, guests and the public must adhere to all rules imposed by STARS regarding entry upon and/or the use of STARS property, including the STARS policy on photography.
- The reproduction of images of the STARS field or the activities thereon, in any form, is a privilege and not a right.
- Except as provided below, the reproduction of images of the STARS field or activities thereon in any form, including, but not limited to film and digital still photography, and video photography in either film or digital form, is strictly forbidden.
- Violation of this policy will result in immediate expulsion of the violator from the STARS premises, and may subject the violator to criminal and/or civil sanctions and penalties.
- Members in good standing of STARS shall be exempt from the above requirements so long as any images or video produced of the STARS premises or the activities thereon are for personal and non-commercial use.
- Guests and the general public may be permitted to photograph or video the STARS property and activities thereon, but only for personal and non-commercial use, and only with the prior written consent of the Club's executive board.

Map to the STARS

starsmap.dwg
rev 12 Feb 03



Map to S.T.A.R.S. Flying Field in Phoenix, New York



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: _____

Email Address (for newsletter and notices): _____

<p>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.</p>
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"I have read and agree to abide by the STARS Field Safety Rules." (on back)

Submit this form to a Club Officer

Rev 04Dec13