

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



November 2015

Charter 473

The Next General Meeting will be January 13th, 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
??? To be named at a later date.

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, January 13th, 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.

Happy New Year!

I want to thank the membership for their votes of confidence in re-electing me 2016 President of STARS. I also want to congratulate and welcome Paul Volcko as our 2016 STARS Vice-President. Bob Rowe and Jeff Wolsley continue on as Treasurer and Secretary respectively. The officers and directors rely upon each and every member's help in making STARS a first rate club, and I encourage all members to step forward to volunteer time and thoughtful and constructive insight. If you have an idea, concern, suggestion, or gripe, the officers and directors are here to listen.

Hopefully, everyone had a safe and enjoyable holiday season, and both members and their guests enjoyed the very well attended Christmas Party and the alternative first day of winter Fun Fly.

Unfortunately, the fun fly scheduled for the actual first day of winter was somewhat of a washout.

There is a bunch of activities right around the corner which should keep us busy during the upcoming months.

On January 29th, the 2016 STARS Auction will take place at Walt's. Setup and browsing begins at 5:00 p.m., and bidding begins at 6:00 p.m. This is a good opportunity to unload items which you no longer need, while putting a little cash in your pocket and benefiting the Club.

On February 6, 2016, the 20th Annual Model Aircraft Forum will take place at the Syracuse Academy of Science Charter School, starting at 9:00 a.m. Always a good time, and the forum discussions are always interesting and informative.

On March 6, 2016, plan to attend the Annual STARS Snow Fly. Very well attended last year, despite the snow, and always a good time so plan to attend and bring something to fly. The weather is likely not to disappoint.

Please remember that if you wish to fly inside during the winter, there are two local clubs which offer indoor flying for their members for nominal amounts. Central New York Indoor Flying Society is in the Cicero area, and Camillus Indoor Aviators are located in Elbridge.

As some of you may know, Chuck Levine has decided to resign his directorship, and the Board of Directors is in the process of choosing a successor. The nomination of Chuck's successor and membership vote will occur at our next meeting on January 13, 2016.

Please remember that dues are now due.

The next STARS meeting will be January 13, 2016 at Walt's, and I hope to see you all there.

Ken

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

Secretary's Report: Jeff Wolsley

The November 2015 STARS regular meeting was called to order at 7:06. There were 14 Open Members, 7 Associate, 1 guest, and 1 youth member in attendance. NO DECEMBER MEETING!

Secretary's Report:

The Secretary's Report from the October 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

Dues checks will be held until 01/01. The dues that have been received have not been counted in yet. Motion to accept by Chuck LeVine and second by Mike Graham. Carried.

Committee Reports:

Field Committee: Dave Jewell

Last Monday was the last time the field will be cut for 2015. The reels are going in for a professional rebuild.

AMA: Peter Seiffert

Lots of stuff going on right now. FAA has enlisted the help of the DOT to help them determine what to do with drones; Deciding on what a drone is and what a hobbyist is. The decisions are pending until after the first of the year.

The AMA is looking for someone to monitor local news reports and local government actions regarding drone activity or drone legislation and report back to DII Eric Williams.

The Model Aircraft Forum is Feb. 6th. Eric will discuss the drone situation at the forum. The forum committee has had a meeting to discuss the forum. They are looking for any input from the membership on what they may like to see and do at the forum. Please contact Peter with your ideas.

RayLing is selling Quads. Looking for them to include information on the AMA and before you fly!

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 posts will be concreted in.- No progress.

Driveway- Nothing to do at this time.

Club house drainage- No issue to report.

New windows for the original part of the club house are in.

AED- tabled at this time. Ken is forwarding information to Phil Morgan.

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 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:

Club Officer Elections:

Chuck LeVine introduced the slate of officer candidates-

Ken Kadish- President Bob Rowe- Treasurer
Paul Volcko- Vice President Jeff Wolsley- Secretary

The nominations were closed by Peter Seiffert. The open membership in attendance unanimously approved the candidates.

New Members:

New member Neil Ringler. Voted in unanimously.

Motion to accept by Chuck Levine and seconded by Mike Graham. Carried.

STARS Christmas Party:

The Christmas Party is 12/04. 6:00 for drinks and 7:00 for dinner. See the attached flyer. Please return the completed flyer along with your payment as soon as possible to Ken.

Walt's Secret Santa:

Walt's secret Santa is November 21st. The club will have a booth there. Please volunteer. Set up at 0800 and goes to 4:00. Out by 5:00. This is Walt's 40th year. Congratulations Walt & Bruce.

First Day of Winter Fly:

Continue the tradition of flying on the first day of winter. This is Tuesday 12/22. 12/20 for the unretired members and 12/22 for the retired flyers.

Adjournment:

Ken asked that you please address any concerns or ideas pertaining to the club, directly to a club officer, or bring it up in the meeting. The November regular monthly meeting of the STARS was adjourned at 7:36pm.

Secretary, Jeff Wolsley

After the Meeting Show and Tell

No after the meeting show and tell.

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

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. E-flite Celecra 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.*

November 21- Walt's Secret Santa Sale

December 4th- STARS Christmas Party

December 20th and 22nd

STARS First Day Of Winter

Fly 20th for the un-retired flyers, 22nd for the retired flyers

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

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-

October 15th
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/tjinguotech/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 0601am. 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

Syracuse Thunderbirds Aero Radio Society

Phoenix, NY

Charter 473

STARS 2015 Annual Christmas Party

Date: Friday, December 4, 2015
Where: RFH's Hideaway Restaurant
Time: 6:00PM for Drinks and Socializing. Dinner at 7:00PM

MENU CHOICES:

- 1. Broiled or Fried: Seafood Dinner (Haddock, Scallops & Stuffed Shrimp, Without Lobster)\$25.00
- 1. Prime Rib Dinner, 12oz.cut.....\$22.50
- 2. Chicken Parmesan Dinner..... \$20.00

ALL Dinners include: Salad Bar, Buffet, Baked Potato, Rolls & Butter, Dessert and Coffee or Hot Tea.

The prices above include Sales Tax and Gratuity.

I would like to ask everyone planning to attend, to please mail or bring your dinner choices and your checks to Ken Kadish by the November 11 at the STARS meeting at Walt's, or no later than November 26th. If you wish to mail your choice(s) and checks, Ken's address is 6100 Bay Hill Circle, Jamesville, NY 13078

Please make your checks payable to STARS. Thank you.
Please detach and return with your payment to Ken Kadish

.....
I, _____ will attend the 2015 STARS Christmas party.

No. of guests: _____

My dinner choice is: (Please circle your choice) 1 2 3

My guest's dinner choice is: 1 2 3

Total amount enclosed: \$ _____

Don't forget to bring a gift to exchange if you wish. The suggested value should not exceed \$10.00.
Green bows for guys, red bows for girls.



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 HobbyTown

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

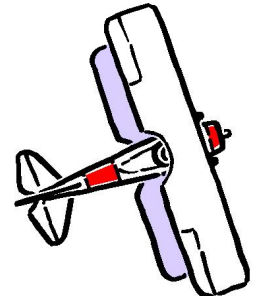
A Minimum acceptable bid will be required on each item up for Bid

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:

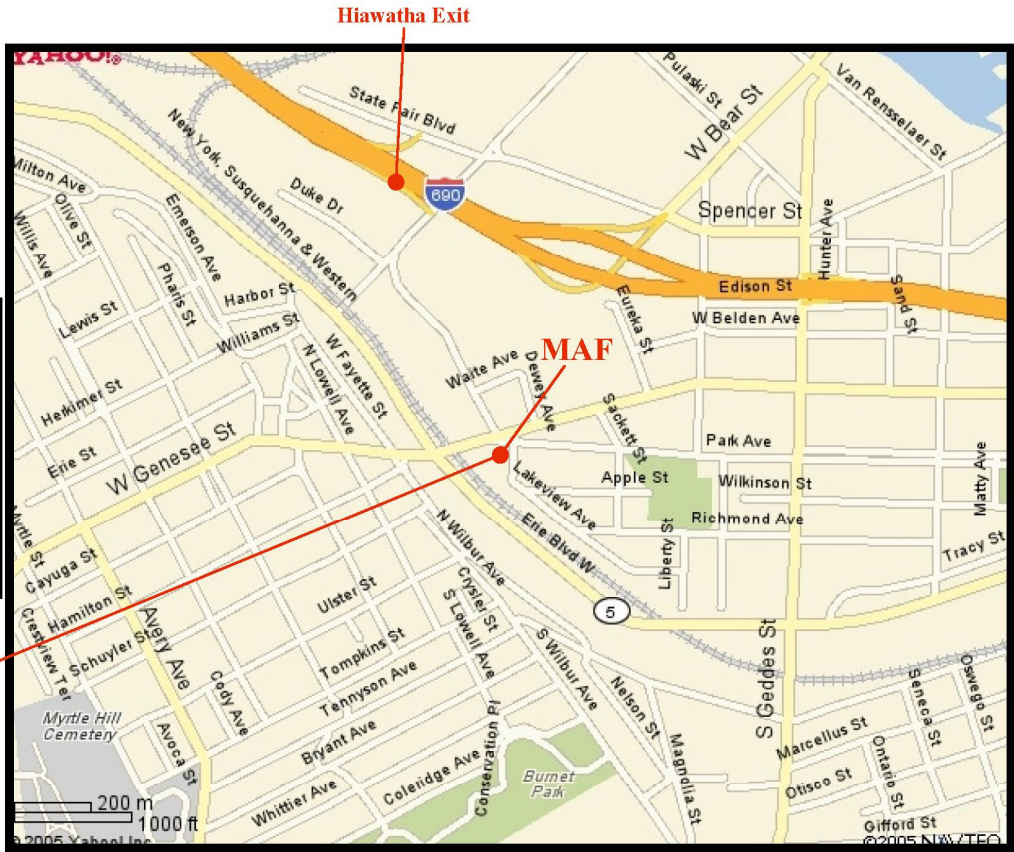
Peter Seiffert at 315/635-6370 or Herb Ziegler at 315/857-6266
pseiffert2@gmail.com and herbz1957@yahoo.com

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.

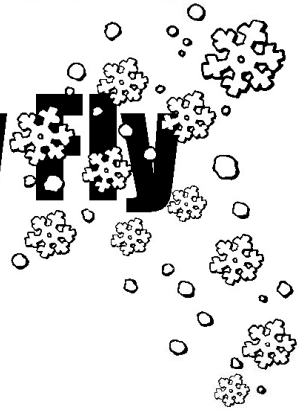
If you have models to display or a booth to set up, the room below the flying area can accommodate all your needs. Concession stand will be open during the day for hot sandwiches and cold drinks.





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!



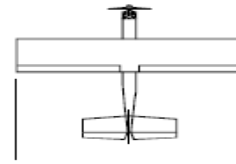
For more information, contact:

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.

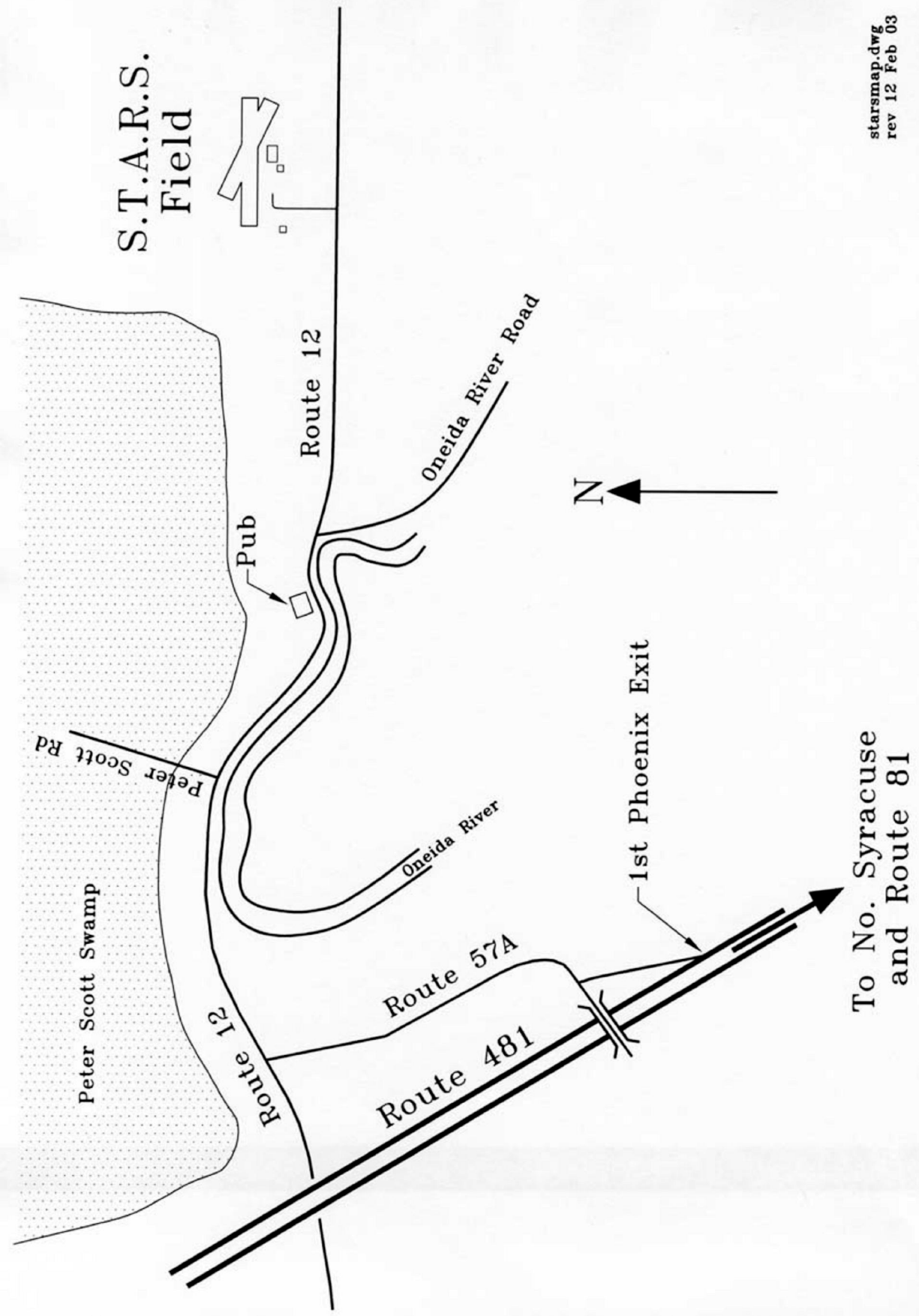
4. Replacement Courtesy:

- 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

To No. Syracuse
and Route 81

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): _____

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 04Dec13