

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



June 2022

Charter 473

The STARS July meeting will be held Wednesday July 13th, at 7:00, at the STARS Field

2022 Officers

[Paul Volcko, President](#)
[Phil Knapp, Vice President](#)
[Herb Moore, Treasurer](#)
[Jeff Wolsley, Secretary](#)
[Jeff LaPorte, Safety Officer](#)

Directors:
Michael Graham
Herb Moore, 2014
Phil Morgan *2011-2013

Volunteer Staff:
[Jeff Wolsley, Propwash Editor](#)
[Michael Graham, SYG Administrator/Club Historian](#)
[Paul Volcko, Webmaster](#)
[Jim Johnson, Field Committee](#)
[Mike O'Neill, Facebook Admin](#)

The STARS July 2022 meeting will be held at STARS Field, on July 13th, at 7:00. Unless otherwise notified, STARS regular monthly meetings will be held at the field until fall.

Busy Spring

What follows is the speech I had prepared for our Member and Family BBQ. I gave a brief, cut down version of this after too many had already left. Unlike the Christmas Party, people are spread out for the BBQ and it can be tough to find a natural time to give a speech. Something to work on for the next one.

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Thank you all for attending the 2nd Annual Members & Family BBQ!

Thank you to Jim and Evelyn Hill for catering some fantastic food for us once again.

Thank you to the weather gods. We've lucked out yet again on a great day for a club event.

Our club has been blessed in many ways.

The easiest to recognize is how our club has been the beneficiary of literally 10's of thousands of dollars donated to the club over the past few years. From Warren Wagner's donations of the new garage and to the general fund, to Bob Rowe's donation of the material for our new Geotextile runway, to Bob Simms's donation of a load of fill to help smooth the field, to many individual donations from the family and friends of our dear departed friend Peter Seiffert, to carry on his legacy of service and benefit to the club and our mission of education and benefiting the aeromodelling hobby. These all were unexpected, have helped our club immensely, and we are profoundly grateful.

We also are blessed with a large and growing membership. At this time last year we had 84 members, today we have 96. We have the largest membership of the clubs in CNY. RCCR and RAMS out in western NY near Rochester have us beat, for now. We're in the top 8% of clubs for membership in District II, and we're probably top 5% or better nationally. In a time of membership contraction for many clubs, this growth is a testament to the efforts of our field crew, event volunteers, project volunteers, club officers and our board of directors who all work to make STARS the inviting and always improving club and flying site that it is.

Speaking of events: We host 3-4 events each year here at STARS, including our annual Airshow event. We participate with other clubs in the region to put on the annual Model Aircraft Forum.

This year we also participated in representing the hobby and area clubs at the first ever Syracuse Maker Faire at the SRC Arena. And just a few weeks ago we hosted students from the Liverpool High School's drone and graphic arts programs for the first of what I believe will become an annual field trip to our club. Being involved in the community, exposing the hobby and what our club does to new audiences, and working with other area clubs is key to keeping this hobby and clubs like ours going in the years to come.

Lastly, I spoke of our volunteers. There are several people in this club who put in time and effort above and beyond that of most members, most notably those involved with our field crew. But in recent years one member has stood out to me as going the extra mile. He does jobs many people will not, from mowing ditches, to clearing trees and brush, to cleaning up the pavilion and taking care of trash. More than once, despite our attempts to get him to ease up, he's worked himself to collapse. He's the first to volunteer each year for the Airshow, taking on the very taxing job of standing and walking around for hours under the hot sun directing visitors to parking spots. And recently, when another member had an accident that resulted in some deep cuts and heavy bleeding, by all accounts of those who were there this member was Johnny on the Spot rendering aid to control the bleeding until an ambulance arrived. Heinz Lorch, we're blessed to have you as a member. Thank you for your years of dedicated volunteer work to benefit the club and its members.

And, thank you, all of you, for your efforts in making STARS the great club that it is and for working to expose, educate, and expand the hobby into the future.

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If you weren't there to enjoy the day with us I hope you and your family are able to make it out next year.

The HeliJam is coming up on July 9th. I can use a volunteer or two to help with cooking and food service (11am-1pm). Please get in touch with me if you're available and willing.

We're also planning to do the control line circle pilot pad concrete pour on July 16 starting at 8am sharp to try to get it poured and finished before the sun is an issue. We'll need

-Continued-

several members on hand to help lift and dump bags of concrete (60lb bags) into the mixer, move materials around to the worksite, float and trowel the pad, etc. Excavation, rock filling, and tamping will happen during the week leading up to the weekend workday. Form construction will happen on the Friday before. If you can help on the 16th with the pour or on the 15th with form construction please get in touch with me and let me

know. If you can help during the week with excavation, filling, and tamping please get in touch with Jim Johnson.

That's it for now. I'll see you at the field!

Paul

president@cnystars.com / 315-708-2009

Secretary's Report: Jeff Wolsley

The May STARS meeting was held at the STARS Field. The meeting was called to order at 7:02 by President Paul Volcko. There were 12 Open members, 4 Associate members, 0 Youth members, and 1 Guest in attendance.

Secretary's Report:

The Secretary's report from the April Propwash was accepted as published. Motion to accept by Mike Graham and 2nd by Herb Moore. Carried.

Treasurer's Report: Herb Moore

National Grid payment to us and CNY crops.

Motion to accept by Jeff Wolsley and 2nd by Mike Graham. Carried.

Correspondence:

None.

Committee Reports:

Field Committee: Jim Johnson

The runway repair chart works. Please continue to use it.

The field committee has been able to keep up with mowing.

Safety Report: Jeff LaPorte

Jeff reviewed the AMA safety rules. A prize was offered for the correct answer to his rule related question. No prize awarded.

The complete AMA safety handbook is available here-
<http://www.modelaircraft.org/files/100.pdf>

AMA Report: Phil Morgan

Phil was not present for the meeting.

Please take the TRUST test if you haven't already. This is a 100% pass test.

The test can be found here-
<https://trust.pilotinstitute.com>

or here-
<https://trust.modelaircraft.org/>

Note there are scam websites also, so use the above links. Review the June 2021 Propwash for additional information and what to expect when taking the test. The test is once in a lifetime.

Make sure to save your credentials after taking the test. You can not go back and get them from the website after you close it.

The CPR training offered by the AMA turned out to be 60.00/person and a set 100.00 booking fee for the training session. There were no takers at this time.

STARS Web Site: Paul Volcko

The address is: [Syracuse Thunderbirds Aero Radio Society \(cnystars.com\)](http://SyracuseThunderbirdsAeroRadioSociety.com)

The field cameras are up and running.

Old Business:

Flight School: Bob Rowe

Bob was not available for the meeting. Paul Volcko filled in. Flight schools are up and running!

There was a general question regarding youth non-members attending flight school. The answer is Yes, they can. The only caveat is instructor must be an AMA certified instructor if the student is not an AMA member.

Fixed Wing Flight School started May 5th and runs thru Sept. 15. This is every Thursday when the weather cooperates.

The fixed wing school is doing well. May possibly pick up a few more students.

Heli-Night started April 19th and runs through Oct. 4. This is every Tuesday night when the weather cooperates.

Big Bird Giant Scale: Phil Knapp

Phil was not present so Mike Amie filled in. Low attendance has been noted so far for the Big Bird nights.

Control Line: Mike O'Neill

Mike O'Neill has an article on his website regarding the HMX-1 Marine Corps 75th Anniversary helicopter unit that is responsible for Presidential Helicopter Marine One. Mike was a part of this elite unit. The new Marine One heli was shown off.

New control line circle pad is a go!. See control line circle under Field Improvements in the NEW BUSINESS section. Vintage and classic control line, glider, and rubber powered kits on Mike's website under the STORE tab-
<https://www.flyboyzblog.com>

Facebook:

STARS have a Facebook page. There are 222 members currently. [Mike O'Neill](#) is the administrator.

Paul Volcko talked about setting up a business page. Events can be set up here and allow us to do some advertising.

The STARS website- <http://www.amadistrictiistars.org/>

The STARS Facebook page-
<https://www.facebook.com/groups/amastars/>

New Business:

Heli Jam:

The STARS Heli Jam is July 9th. This is the last meeting before the event. There is a need for volunteers for cooking and serving. Paul will send out a notice before the event to remind everyone of the Heli Jam and what volunteers are needed.

-Continued-

School Field Trip:

Several students from Liverpool High School were at the field on June 3rd. Drone demonstrations were conducted. There was a lot of interest. A good time was had by everyone involved. Thank you to the volunteers.

This could possibly become an annual event. There is an opportunity to have more schools do something like this.

STARS Meetings:

STARS meetings will be at the STARS Field starting in May and will continue there until fall. Last year, meeting nights that were rained out were held via ZOOM. The meeting notice is sent out prior to the meeting start time with the credentials to join the on-line meeting.

Field Improvements:

CLUBHOUSE ROOF

The clubhouse roof has been completed. It looks great. The platform has been removed giving the clubhouse a clean look.

DRIVEWAY STONE

Project complete.

CONTROL LINE CIRCLE

The control line circle project is on for July 16th. (Paul has sent out a volunteer request on 07/07 to get as much help as possible to make this project a success.) Equipment rental is on. There will be wire mesh in the concrete to improve its durability. Stone was saved from the driveway for the pilot pad. Mike O. has marked the location of the pad. Paul will set the grade next week. The pole and sleeve have been sourced.

Fence Electrification- Just a friendly reminder for operator etiquette- Please remember to close the outlet weather covers when you are done using the outlet.

GEO-TEXTILE RUNWAY

Go here to see the runway construction-
[STARS Runway Progress Log](#)

Continue grading around the runway. Fill low spots created by the spring thaw. Patch the grass and re-seed as necessary.

The runway was rolled out once it firmed up. It is smooth once again.

It was suggested to paint lines on the runway. There will be ongoing discussion on this topic. At the June meeting, there was not a lot of interest in this among the meeting attendees. If this is going to happen, a long dry stretch will be needed.

INTERNET ACCESS

Internet access will remain available at the field. As expected, the cost is increasing in July/August this year.

CONTINUE FIELD SMOOTHING

Continue to improve the field. Fill the low spots and grade off areas that attract standing water.

New Members:

New members Garret Wikoff and Chuck LeVine have submitted applications for membership. Garret is applying for Associate membership and Chuck is applying for full open membership. Chuck is a past member and former club president. The membership in attendance voted unanimously for Garret and there was one member withholding their vote for Chuck. Both members admitted.

Guest Columnist:

Anyone, club member or other, is welcome to submit a hobby related article for the Propwash.

The article must be about the hobby or something that impacts the hobby.

The Propwash Editor and/or STARS BOD reserves the right to edit the article content or refuse to include the article.

Submit your article to [Jeff Wolsley, Propwash Editor](#)

Club Hat Order:

Bob Rowe mentioned that anyone interested in a new STARS Club Hat can pick one up at Papa's Sports (315-455-7272), 1926 Park Street (at Park and Hiawatha). Bob says they have the STARS club logo in their inventory. They have many different styles of hats. Just ask for the STARS logo on it.

Closing Statements:

Paul reminded everyone to come out and enjoy the field. He also mentioned the upcoming Family Picnic on June 25th. Please RSVP by June 15th to Paul so they can get an accurate head count for the food.

Adjournment:

The May 2022 regular monthly meeting of the STARS was adjourned at 7:29.

Secretary, Jeff Wolsley

Calendar of Events

NOTICE: EVENT DATES MAY CHANGE OR CANCELLED OUTRIGHT.

Calendar of Events for May and beyond:

Editor's Note- All dates are subject to cancellation or postponement due to the COVID-19 response. Please check with the event sponsor for actual date and time. These dates are accurate at the time the Propwash was published.

July 9- **STARS Heli-Jam**

July 9-10- **Southern Tier Aero Radio Society
(Yes, the other STARS) DII Picnic and
45th an. Fun Fly**

July 16-17- **Sky Rovers Model Airshow Phelps**

30- **Arcs Pattern Contest**

Aug. 13- **STARS Airshow**

Sept. 10- **STARS FPV racing**

Sept. 15-18- **Neat Fair**

Oct. 1- **Ringmaster Fly-a-thon**

For additional events, click here → [AMA DII Event Listing](#)

STARS Flight Schools- It's never too late to join a flight school already in progress. You don't need to be a beginning flyer either. Maybe you've got a bad habit that you are trying to break or need help with a new maneuver that you are having trouble with. Maybe a new aircraft doesn't want to behave or something else about your flying needs attention. Don't be shy and get some help.

Fixed wing School starts May 5th - September 15.

Heli-Night Starts April 19th - October 4th.

Big Bird- May 18th -September 7th.

Indoor Flying -

Keep an eye out here for the 2021-2022 indoor flying schedule. It will be winding down in the next few weeks. It's unclear how the COVID virus or vaccination situation will affect the schedules so these can be revised at any time or unfortunately cancelled outright.

Manlius Pebble Hill has indoor flying Sundays 2-4. This was announced in the February meeting.

[Camillus Indoor Aviators \(CIA\)](#) Indoor flying at First Baptist Church located at 1960 State Route 5 in Elbridge **NEED TO CONFIRM** dates and times. Active dates still shown for 2021.(2.4GHz only)

[CNY Indoor Flying Society](#) No group contact available.

[Walt's Hobbytown](#)- **NO INDOOR FLYING THIS SEASON**

[MexAir R/C](#) **NO INDOOR FLYING THIS SEASON**



Michael Graham field report for 20 June, 2022- *All pictures and comments courtesy of Mike Graham*

The weather was very nice tonight at the field after three days of high winds:



This was the first night of 'EDF Monday Night'.

Here are the EDFs from Bob Simms and Gary Natali:



Mike Mueller was there with his EDF and big biplane:



Here's Gary Natali waiting for Gary Brown to land (his FW-190):



Phil Morgan and I were the only two flyers without EDFs.

Hey, Happy Astronomical Summer!!

FRIDAY WEATHER WHYS 9:12AM EDT 19-JUN-2015

PICK YOUR SUMMER

SOLAR SUMMER

MAY	JUN	JUL
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METEOROLOGICAL SUMMER

JUN	JUL	AUG
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ASTRONOMICAL SUMMER

JUN 21	JUL	AUG	SEP 23
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©2015 AccuWeather.com

Michael Graham field report for 30 June, 2022- All pictures and comments courtesy of Mike Graham

Thursday evening, Flight Training, was very busy. The weather was almost perfect!!

We had four instructors, four students, spectators and numerous other STARS Members present. One student was a guest of Gary Natali.



The new Club *Valiant* was trimmed out with a buddy box and placed in operation.

Gary Natali brought his own *Timber* and had it setup with a buddy box. He flew it with his neighbor, Linda:



Linda received seven flights and was quite proficient by her last flight of the evening. She promised to be back next week with her husband.

Neil Ringler was back with his modified (with ailerons) original nitro powered Sig Kadet:



Connor was back with a new bird that took most of Phil's time to setup and fly:





Connor did not have time to fly his powered glider several times in the evening in the flight line queue.



Mike O'Neill was there to run up his engine on his *Flite Streak* (I think it was a *Streak*, anyway):



Herb did a fabulous job on cooking while Perry Lombardo, a new student, had his recently purchased used DX8 xmtr and receiver checked out by Bill and the guys in the pavilion. Then Perry had six flights on the new Club *Valiant*. The guys in the pavilion also worked on Bill Chapel's airplane during the evening.

So, it was busy and fun!!



Charter 473 AMA Sanctioned

S.T.A.R.S.

www.cnystars.com

www.facebook.com/cnystars

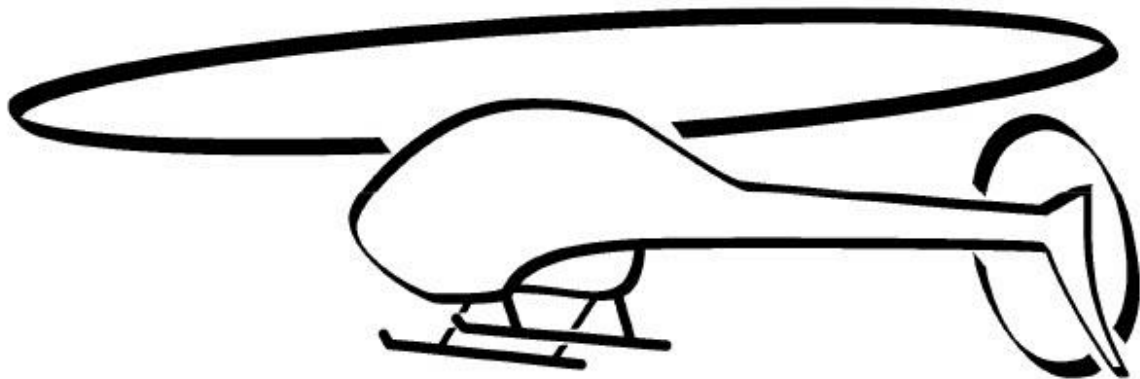
Presents the 13th Annual

CNY Heli-Jam

Saturday, July 9, 2022

(Rain date: Sunday, July 10 2022)

9 AM to 5 PM



At the STARS Field located at north of Phoenix, NY, on County Route 12

(See map on back)

Ample room for parking & overnight camping - no hookups

Food and beverages available



STARS events

**No parking fee, landing fee
or pre-registration**

AMA Required



FB HeliJam event

Gate opens at 8 AM - Pilot's meeting at 8:50 AM

For more information, contact Paul Volcko, at 315-708-2009 or email helijam@cnystars.com



July 16-17, 2022

Sky Rovers

Model Airshow

**Sky Rovers Flying Club
Ford Field
2269 McBurney Rd.
Phelps, NY 14532**

All are welcome to our family event!

Flying starts at 10 AM until 4 PM daily

Bring your chairs, camera, sun screen and make a day of it!

Free children's event every day, for 12 and under.

An excellent refreshment concession located on our field.

Signs to be posted on routes 96 & 88 to direct our visitors to Ford Field.





Charter 473 AMA Sanctioned

S.T.A.R.S.

www.cnystars.com

www.facebook.com/cnystars/

Presents the 43rd Annual

Model Airshow and Picnic

Saturday, Aug 13, 2022

(Rain Date: Sunday, Aug 14, 2021)

At the STARS Field located at north of Phoenix, NY, on County Route 12
(See map on back)

Ample room for parking & overnight camping - no hookups
Swap shop and 50/50 raffles



STARS Events

10 AM to 4:30 PM

Food and beverages available to all

Pilots - If you bring it, fly it!!

All legal AMA Aircraft Welcome!!



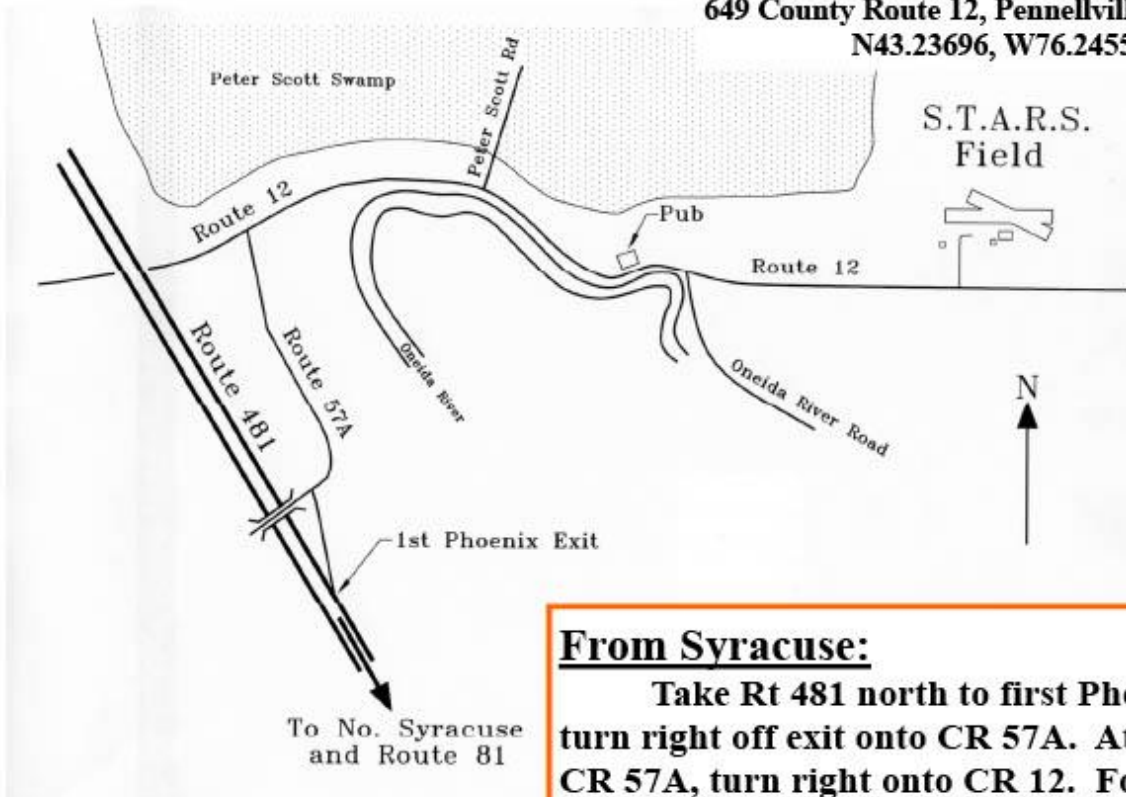
FB Airshow Event



Parking Donation of \$5.00 per car

For more information, contact Phil Morgan, CD, at 315-457-3674 or contact us at: airshow@cnystars.com

649 County Route 12, Pennellville, NY 13132
N43.23696, W76.24550



From Syracuse:

Take Rt 481 north to first Phoenix exit, turn right off exit onto CR 57A. At the end of CR 57A, turn right onto CR 12. Follow CR 12 for three miles east to field.

From Fulton/Oswego:

Take Rt 481 south to Phoenix Rt 264 exit, turn right onto Rt 264 south. Continue south on Rt 264 1.5 miles to CR 57 intersection. Turn left onto CR 57 and continue to next light on Lock Street. Turn left at stop sign. Lock Street turns into CR 12. Follow CR 12 for 3 miles east to field.

From I-90:

Take Exit 38 in Liverpool and take CR57 (Oswego Rd) north for 8.5 miles. Turn right onto CR57A in Phoenix and then use map above.

From I-81:

Take I-81 Exit 30 (Cicero) and then take NY31 west for 9.8 miles. Turn right onto Morgan Road. After the Ononda River bridge, turn left onto Ononda River Road and then right immediately onto Center Road. When Center Road intersects CR12, turn left onto CR 12. Follow CR12 to the STARS Field.

When all else fails: Type the STARS Field address into your GPS.



July 9th & 10th 10AM—5 PM
5046 West Lake Rd., Cuba, NY

AMA District II Fun Fly & STARS 45th Annual Fun Fly July 9th & 10th



Classic Car Show July 9th; Hours both days 10AM—5 PM

- **FUN—FAMILY—FELLOWSHIP**
- **AMA required for all Pilots**
- **Saturday Free Lunch for Registered Pilots**
- **Food & Drinks available on site**
- **All Model Aircraft Types are Welcome**
- **No Landing Fee—1,000' RUNWAY**
- **Raffles**
- **Classic Car Show—Saturday only**
- **Free Primitive Camping— 15 of the sites have electric at \$10/night**
- **Saturday Evening Barbecue \$15.00.. Pre-order by 6-26-22 and pay on-site.**
- **Saturday Evening Wine & Cheese Party.**



For more information contact: Gary Fitch—CD,

716-341-2813, gmfitc@hotm.ail.com



Advertisements:



Store Hours:

Monday/Friday: 9:00am-9:00pm – Tuesday/Wednesday/Thursday: 9:00am-6:00pm – Saturday: 10:00am-5:00pm – Sunday: 11:00am-5:00pm

Phone Number:

(315) 453-2291

waltshobby.com



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. The current edition is sent along with the Propwash in the monthly email. All contact information is included with the ads.

ESTATE SALES-

Paul put out an estate sale notice just after the Propwash went out for the June meeting.

One is for Mike Grassi and the other is for a multi estate sale. STARS member John Steel passed along the notice. John is also down sizing.

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-

[UASidekick ó The Ultimate UAS Pilot Assistant](#)

This is an app for your phone that gives weather conditions, club locations, FRIA locations, and event schedules for UAS pilots. This is for recreational pilots as well as commercial drone pilots.

This Mike O'Neill's 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. An excellent site for Lipo battery info-
<http://sites.google.com/site/tjinguitech/charging-how-tos/balance-connectors>

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

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 ESC's have a built-in spark arrestor. If you still see and hear the spark, this is a good idea to save the plugs.

Looking to compare servos?-
[Servo Database - RC Servo Specs and Reviews](#)

The link for the STARS club home page is
<https://www.cnystars.com>

The link for the STARS club web cam is:
<https://www.cnystars.com/cameras.php>

STARS Field Satellite photo



Can't wait for the latest sat photo with the new runway!

Remember: A repaired aircraft should be treated just like a new aircraft. It needs a full ground check before flying. Don't forget to inspect the areas that were not repaired. They may have hidden damage. Fly it like it's the first time in the air and will need a full functional check before flying it in front of spectators or in competition.

IMAA Big Bird Safety Checklist

Balance

Is the longitudinal center of gravity (fore 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 antenna fully extended and in good condition?

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

Are all servos 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 any 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.

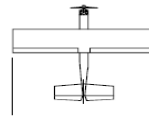
Ask someone to help and walk away from the model until signs of loss of control is apparent. If electric powered ensure that the range is not worse with the motor running.

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.

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.
- 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 **or from the mowed areas that might cause damage to mowing or farming equipment.**
- 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: **2.5 GHz technology is prevalent in the hobby. In general, transmitter impound and channel flagging is no longer necessary. Pilots using a non-2.04 GHz transmitter system or FPV video transmitter should make all efforts to determine if others present are also using one and self-manage frequency separation prior to powering up their transmitter. Event Managers and Contest Directors may establish a transmitter impound or channel frequency control policy for their event, if deemed necessary.**
- B. Range Checks: Each pilot will conduct a successful radio equipment ground range check, **including any FPV equipment**, 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. **Restrain fuel powered airplanes with stakes, starting stand, or helper prior to starting the engine(s).**

- C. **Electric motors and fuel engines are not to be run in spectator/pavilion areas or anywhere behind pit area fencing or designated test stand/hover areas, unless propellers/blades are removed. Model electronics (receivers, servos, etc.) can be powered up in spectator areas as long as electric motors are disconnected or propeller/blades are removed.**
- D. **Remove or secure all necklaces, straps, loose clothing, hoodie ties, etc. prior to starting a fuel engine powered model. Long hair should be tied back or secured so it cannot get caught in a spinning propeller or rotor.**

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.

STARS Club Rules- End 06jan21



Photo courtesy Mike Graham archives

The STARS pavilion goes up c.1977
Mike identified the person on the ladder as Lon Sauter. Not sure who the others are.

STARS

Field Protocol

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

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. **Limited use of cell phones and mobile devices on the flight line to photography/videography or integrated use with model systems. Talk, text, and browse from the pits or spectator areas.**

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.

3. 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.

4. 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 **dispose of trash in the outhouse/port-a-potty pit.**
- G. **DO NOT DRINK THE WELL WATER.** Well water is to be used for washing only.

5. Replacement Courtesy:

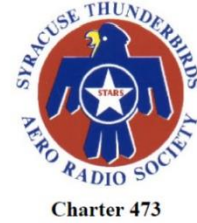
- A. Where an individual's plane or property is damaged by the actions of another individual, it will be the responsibility of the two parties to resolve the situation in an appropriate manner.

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.



Syracuse Thunderbirds Aero Radio Society



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

Membership Renewal 2022

Return renewals to our Treasurer, Herb Moore, via mail to: 645 Gilbert Mills Road, Fulton, NY, 13069.
Please fill in your name, mark your membership type, and include your payment made out to: S.T.A.R.S.

Name: _____

	Type	Description	Cost
<input type="checkbox"/>	Youth	Full use of club facilities, age 19 or under, 20 th birthday on or after July 1, 2021. No voting rights.	\$0
<input type="checkbox"/>	Park Pilot	Operates under the model restrictions of a Park Pilot AMA membership (electrics, <2lbs, <60mph), no voting rights.	\$75
<input type="checkbox"/>	Associate	Full use of club facilities, no voting rights.	\$75
<input type="checkbox"/>	Open	Full use of club facilities, holds ownership share with voting rights, late renewal penalties of \$10 per month after January.	\$60
<input type="checkbox"/>	Extra Family	Full use of club facilities, someone in household has an open membership already, no voting rights.	\$30

All memberships require that you maintain an active AMA membership. STARS membership card will be withheld until your AMA membership is current. All members are encouraged to renew their memberships at the beginning of the year, but only Open memberships have a late renewal penalty. Open member late renewal penalties can be waived at Treasurer's discretion, please contact Herb in January if you need an extension. If you wish to change your membership type, such as upgrading from Associate to Open, please contact Herb or another club officer.

Please provide your updated contact information below.

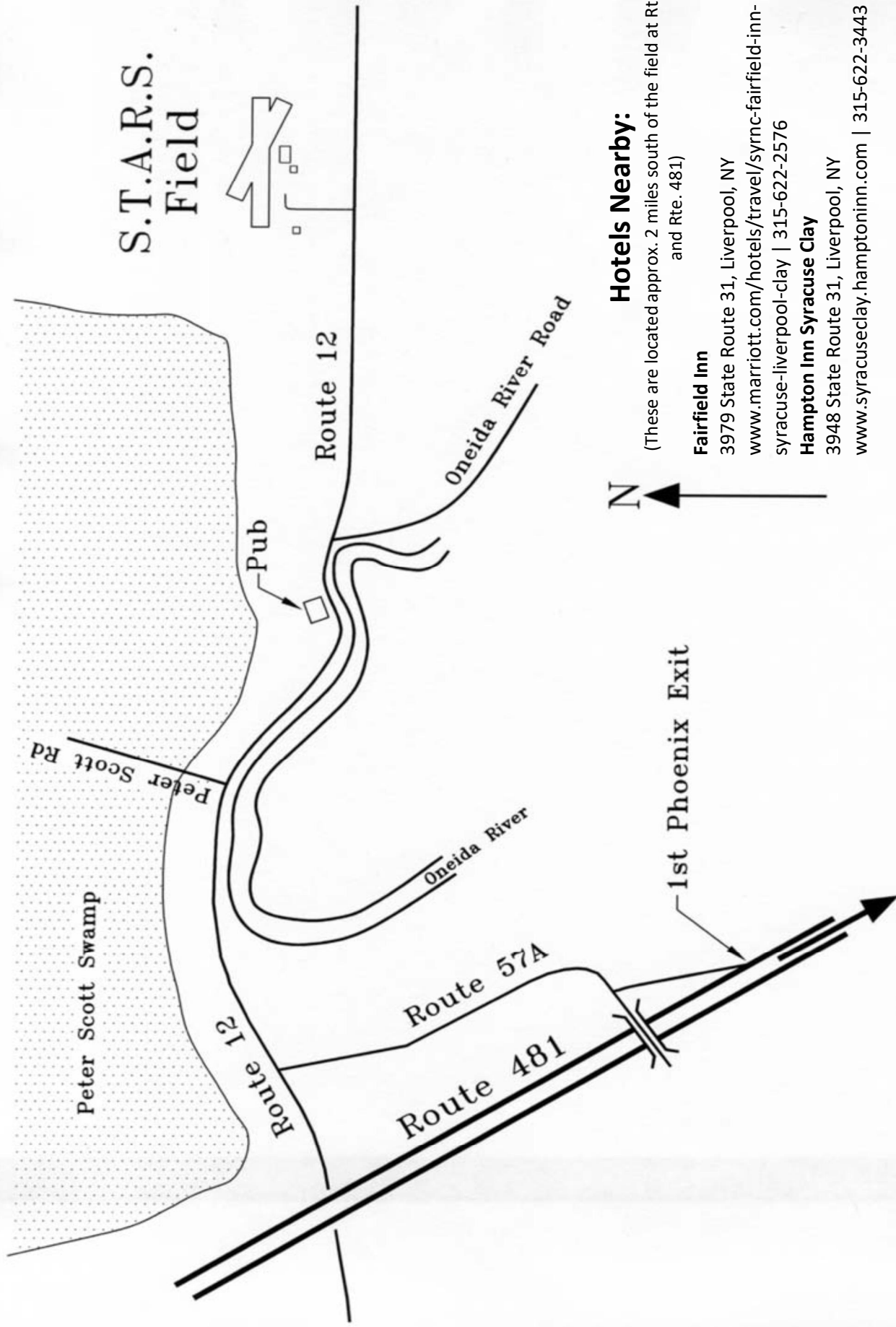
Address: _____

Phone: _____

Email: _____

Emergency Contact Name: _____ Phone: _____

Map to the STARS



S.T.A.R.S.
Field

Route 12

Oneida River Road

Pub

Oneida River

Route 57A

Route 481

N

Hotels Nearby:

(These are located approx. 2 miles south of the field at Rte. 31 and Rte. 481)

Fairfield Inn

3979 State Route 31, Liverpool, NY

www.marriott.com/hotels/travel/syrnc-fairfield-inn-syracuse-liverpool-clay | 315-622-2576

Hampton Inn Syracuse Clay

3948 State Route 31, Liverpool, NY

www.syracuseclay.hamptoninn.com | 315-622-3443

To No. Syracuse
and Route 81

N43.23696, W76.24550

starsmap.dwg
rev 12 Feb 03

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

