

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



July 2023

Charter 473

The STARS August meeting will be held Wednesday the 9th, at 7:00 at the STARS field

2023 Officers

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

Directors:
Michael Graham
Phil Morgan *2011-2013
Jeff LaPorte

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

The STARS August 2023 meeting will be at the STARS field, on August 9th, at 7:00. Unless otherwise notified, the monthly meeting is held at the STARS Field May through September and online via ZOOM October through April.

Summer is Fly n By!

I just started seeing ads for back-to-school, but it feels like the summer just started. Time is flying by!

Preparations for the airshow, being held September 2nd this year, are underway. This will be the primary topic for this month's meeting. If you can volunteer please get in touch with Phil Morgan ASAP, our event coordinator (and Contest Director) for the Airshow. Better yet come to the meeting and volunteer in person! Most of you know what's involved with putting this event on. We need everyone to chip in, if they can. Even volunteering for just an hour or two helps tremendously. It doesn't need to be a full day commitment. We'll need parking staff, cooks, food servers, an announcer or two, flight line marshals, a noon demo hour coordinator, and raffle tent attendants.

At the last meeting a walk-on topic of taxiways was resurfaced for discussion. In the end a small committee was formed, composed of Bob Rowe, Mike Mueller, and Jim Johnson, to brainstorm and review all the ideas that come their way. They will come up with a recommendation or a choice between two options and present it to the membership at our September meeting. Any vote on the subject will be held in October, to allow for any recommended options to be presented in the September issue of this newsletter and for people to be present (or arrange proxy) to vote at the October meeting.

Besides club business, you have probably noticed there are events happening all over the place lately. From the Highland Jets event, to the three way event date collision between our Heli-Jam, the ARCS Pattern Contest, and the District II Fun-Fly, to events at RCCR, Flaps, and more. July through September are jam packed with relatively nearby

events to attend. Hopefully you're able to carve out some time in your schedule to attend some!

Officer nominations are open. We will need a new nominee for the President position, at the very least. If you're interested or have an idea of who may be a good nominee, please speak with Michael Graham or Phil Morgan. I am also happy to discuss the various officer roles with anyone who's interested. We don't throw people into the deep end on these roles. The board, as well as current and past officers are all available to help you as you learn the ropes. Don't let anxiety over not knowing what's involved or being unsure about doing a good job get in the way of trying. Generally speaking, no one knows for sure what's involved or how they'll do it until they are there, then they find their way and learn how to do it.

With particular regard to the President role. Some of the questions or concerns I've heard are:

- I don't like to write. That's fine. The club secretary is there to help on that front and can write the newsletter columns if you wish. And nothing says they need to be full pages (or more) like I tend to do. I'm sure many members would appreciate front page columns and club email notices that are more concise.
- There's a lot of time involved, isn't there? Maybe, maybe not. It depends on how you operate. Some Presidents have been more in the management style, relying more heavily on delegation and aren't necessarily around much, while others have been more actively involved week to week and take a more hands-on

Continued -

approach. The club runs with all kinds of leadership styles at the helm. You'll find out what works for you.

- I don't know how to run the website/facebook/cameras/etc! While I have been leading on that front while President, I was doing much of that before becoming President or being an officer at all. I would continue to volunteer in those areas. If the incoming President wants to learn some of that (and I would absolutely encourage it) I'll be happy to help them.
- I can't make all the meetings. You don't have to. While you should be able to make a large percentage of them, no officer is expected to have

perfect attendance. The Vice President can lead the meetings in the President's absence. The President can also arrange with another member to run a meeting if both he and the VP won't be in attendance. The biggest ask in this regard is to let people know ahead of time if you can't make it and to arrange for someone to lead the meeting if need be.

So, be not afraid. The next President will have help and any guidance he or she would like. It will be yours to run in the style you wish.

Next meeting is Wednesday, August 9th, 7 PM at the club.

I'll see you at the field!

- Paul

Secretary's Report: Jeff Wolsley

The July 2023 STARS meeting was held at the STARS field. The meeting was called to order at 7:01 by President Paul Volcko. There were 15 Open members, 1 Associate members, 0 Youth members, and 1 Guest in attendance.

Secretary's Report:

The Secretary's report from the June Propwash was accepted as published. Motion to accept by Paul Volcko and 2nd by Chuck LeVine. Carried.

Treasurer's Report: Bob Rowe

Bob reviewed the treasury with the membership in attendance. Motion to accept by Phil Knapp and 2nd by Mike Graham. Carried.

Correspondence:

CNY Crops has paid up for the year.

AMA Action Item- Paul sent an email June 29th regarding the FAA Re-Authorization Bill. AMA call to action [AMAGov-FAAReauth-AllMember-2023-06-21](https://www.amaaeromodellers.org/AMA-Gov-FAAReauth-AllMember-2023-06-21) ([contentsharing.net](https://www.amaaeromodellers.org/contentsharing.net)) Please respond to this as there are a lot of important aspects that need to be clarified. See Phil Morgan's AMA report below.

The HeliJam event report was sent to the AMA.

Committee Reports:

Field Committee: Jim Johnson

The field crew is struggling to keep up. The weather has prevented the crew from mowing.

The Simplicity mower has a leak. The crew plans on addressing this in the fall/winter.

Safety Report: Jeff LaPorte

Jeff made the following observations:

No taxiing in the pits. Walk your aircraft out to the flight station and taxi from there.

Make sure you stand behind the flight station gate. This is for your protection. Mike Mueller gave a testimonial of just how important this is.

Jeff also commented on the dead trees at the west end of the field. Serious consideration given to taking these down before they fall down.

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

AMA Report: Phil Morgan

The AMA nationals are running from now thru August 3rd. The nationals have been running for over 100 years. [National Aeromodelling Championships | \(modelaircraft.org\)](https://www.modelaircraft.org/national-aeromodelling-championships)

Phil continued with the AMA action item from the Correspondence section. [Campaigns \(modelaircraft.org\)](https://www.modelaircraft.org/campaigns) Please respond. Congress will be signing in the near future. Higher altitudes are important to us.

Phil also commented that the FRIA applications have been received. They are under review. Many have been rejected. The STARS FRIA has been submitted. It has not been rejected nor has it been reviewed yet. Once the STARS FRIA has been approved, remote ID is not required to fly at the STARS field.

FYI- Remote ID goes into effect 09/16. Your aircraft must have a remote ID transmitter in it. Some of the available ID equipment was discussed- DRONETAG BS- \$ 89.00. Affordable but too delicate. Currently on back order but should be shipping by late July. Requires two (2) external antenna- \$10.00ea. [Dronetag BS · Dronetag](https://www.dronetag.com/)

Part of the approval before congress is pushing for a phone app that will identify that you are flying in an area.

Continued -

This eliminates the need for the remote ID equipment and more accurately defines where you are flying to the UAS authority.

New retail and commercially available aircraft have the remote ID package built in.

OSHKOSH jamboree is on. There will be some R/C aircraft flying but the models must not weigh more than 2 lbs.

This is a link to some FAQ from the AMA regarding remote ID- [Remote-ID-FAQ-Feb2023.pdf \(modelaircraft.org\)](https://www.modelaircraft.org/Remote-ID-FAQ-Feb2023.pdf)

This is a page from Horizon Hobby on remote ID- [What You Need to Know About FAA Remote Identification for RC Airplanes \(horizonhobby.com\)](https://www.horizonhobby.com/What-You-Need-to-Know-About-FAA-Remote-Identification-for-RC-Airplanes)

Attention new members: 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.

STARS Web Site: Paul Volcko

The field cameras are up and running.

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

Old Business:

Flight School: Bob Rowe

Fixed Wing Flight School- There were six students two weeks ago. Last week was rained out.

The club trainers are beat up a little.

Heli-Night- There were two flyers at the last session.

Big Bird Giant Scale: Phil Knapp

Consistently five flyers when the weather is good.

Monday Night Jets:

Rained out Monday. There have been 4 to 5 pilots when the weather cooperates. There are two new flyers in the group.

Control Line: Mike O'Neill

Mike continues to offer vintage and classic control line, glider, and rubber powered kits on Mike's website under the STORE tab- <https://www.flyboyzblog.com>

Facebook:

STARS has a Facebook page. There are 265 members currently. [Mike O'Neill](https://www.facebook.com/groups/amastars/) 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- [cnystars.com](http://www.cnystars.com) or <http://www.amadistrictiistars.org/>

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

Field Improvements- Long Term Planning:

CONTINUE FIELD SMOOTHING

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

AED MACHINE UPGRADE/STORAGE

Phil Morgan requested a heated storage box for the AED so it can be kept at the field year-round. Nothing too elaborate. A 6 x 14 x 14 box with a 100watt lightbulb should be sufficient.

New field improvement projects coming in 2023.

Mike O'Neill mentioned the new Micron Plant starting up in Clay. There will be a flood of tech people and population growth in our area. We should be thinking of ways to promote our club.

Chuck LeVine mentioned flight line table replacement. Some of the tables are shot. Need a way to transfer the tail holders from the old tables to the new. Maybe look at a redesign because the tail holders prevent the tables from folding properly/fully.

Discussion on taxi ways was brought up. There are strong feelings both for and against. A committee was formed to further investigate the proposition. The committee will surface enough information to make an informed decision.

STARS Meetings:

STARS meetings will be held at the STARS field until fall unless there is an announcement prior to the meeting.

The ZOOM meeting credentials are on the STARS web page, and are sent out with the fall/winter/spring Propwash email.

ZOOM Meeting link:

<https://us02web.zoom.us/j/88488515371?pwd=c2ZiRWkMkIrbGZ5WENDaE12SIB5Zz09>

To join from the STARS web page, go to [cnystars.com](http://www.cnystars.com). Then click on the club events tab. On the club events page, in the lower right under Club Meetings, click the red text that says **online via ZOOM**. This will take you to the ZOOM meeting. Click on the Launch Meeting button. You will enter into the meeting, or you may see a dialog box that says, Please wait for the host to start the meeting .

If you don't already have ZOOM installed on your computer for the first time, below the Launch Meeting button, it says- Don't have Zoom client installed? Download Now . Click on the Download Now text and follow the prompts to set up ZOOM on your computer.

New Business:

Family BBQ:

The family bar-b-que finally came off June 24. There was lots of food to pass even without the caterer. An indoor venue was suggested to prevent a weather issue from happening again.

Heli Jam:

The STARS Heli Jam was a success. There were 2x pilots from last year. Pilots came from Rochester, Mohawk Valley, Albany, and Poughkeepsie. Turnout was the best in five years.

BK Hobbies provided the raffle prize. Underground R/C provided the car model. Performance Hobby provided a Blade 150cx RTF.

Continued -

New Members:

Randy Kitts- Associate. Mostly cars/trucks. Has been flying at Mexair.

Adrian Clay- Youth. Flight school student ready to solo.

Linda Orlicz- Associate. Student pilot. Friends with Gary Natali and Bob Simms.

All new members were voted in unanimously by the membership in attendance.

New members are encouraged to complete the TRUST test if they haven't already done so.

Real Estate Committee:

No input from the committee at this meeting.

FAA Registration:

Many of the members are coming up on the FAA registration renewal at the end of 2023. Let this serve as a reminder to renew your registration.

[You will or already have received your renewal email. The email is from uas.faadronezone@faa.gov. Follow the prompts to renew your FAA registration. The registration renewal is \$5.00.

Guest Columnist:

Mike Graham submitted some interesting building information that I will publish later in one of the fall Propwash releases.

Anyone, club member or others, 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:

Club hats are available. They are 20.00 each. Put your money in the soda bank in the fridge before you take a hat. The white hats are already gone. See Paul V. about custom embroidery on the hat. The embroidery starts at \$8.00.

Adjournment:

The July 2023 regular monthly meeting of the STARS was adjourned at 7:47.

Secretary, Jeff Wolsley

Calendar of Events

NOTICE: EVENT DATES MAY CHANGE OR CANCELLED OUTRIGHT.

Calendar of Events for June and beyond:

Editor's Note- Check with the event sponsor for actual date and time. These dates are accurate at the time the Propwash was published. New events are added all the time.

August 26- [Southern Tier STARS Fun Fly](#)

August 19- [ARCS Fun Fly](#)

September 2- STARS Model Airshow

Sept. 14-17- [NEAT Fair](#)

October 28- Sky Rovers Swap meet

Jan 2024- STARS Auction

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

STARS Flight Schools- It's never too late to join a flight school. Flight school is not just for beginners. Got a maneuver that you just can't get? Struggling to line up on the runway? Come on out and get some one on one with an instructor.

Fixed wing- Regular classes start May 4th and run through September 14th.

Heli/Multi Rotor- April 18 through October 3 and beyond, weather permitting.

Continued -

Indoor Flying -

Indoor flying at Sacred Heart Church Cicero was forwarded to me by Tim Smarzo of the Voltaires.

Mondays 1:30 to 4:00 and Thursdays 12:30 to 3:30.

The church has become more security conscience. All doors are locked except the main door. The gym lighting switch has changed. The new key is in the same place as always, the cabinet in the kitchen, attached to a piece of aluminum bar. Unlock (If locked) pull up the plate, and flip the switch. All doors have alarms except the Gym door. This means that once a member comes in the front door we can use the gym door to haul gear in and out. We need, as always, to make sure the lights are off and doors are closed all the way before the last person leaves.

The following needs confirmation-

Manlius Pebble Hill- this needs to be confirmed for 22-23 indoor flying.

Camillus Indoor Aviators (CIA) Indoor flying at First Baptist Church located at 1960 State Route 5 in Elbridge 11/18 thru ?, on Friday evenings. If enough interest is generated, flying possibly permitted on Saturdays as well.

CNY Indoor Flying Society No group contact available.

Walt s Hobbytown- NO INDOOR FLYING THIS SEASON

MexAir R/C NO INDOOR FLYING THIS SEASON



This is from Mike Graham. Mike wrote to Mike O Neill:

Good Morning, Central New York!!

Mike:

I have (finally) edited the pictures that I took on Wednesday, 26 Jul 23, at the STARS Field!!

It was the maiden flight of a Ted Fancher designed *Imitation* that Warren built but was finished by Stephen Dwyer.

Go here for the

file: <https://www.dropbox.com/scl/fo/9r7h77cv55wwaoc2b4te7/h?rlkey=7nf17ffu0ixkn3mv2md16eov0&dl=0>

Here are a few examples of those photos:











Please send this to others that may be interested.

Thanks.

Michael

Imitation_CL_1979.p
df

Imitation Plans

Mike also sent this bit of correspondence from Warren-



• **Michael Graham** <tanjmg82@verizon.net>
To: Paul Volcko

🖨️ Fri, Jul 21 at 1:32 PM ☆

Good Morning, Central New York!!

Paul:

I received this from Warren:

MG...my email program has been screwed up for a month now. I've worked like crazy on the problem, but not made any progress. The client is "Windows Live Mail" which is old and not supported anymore.

Thanks for the 'congrats' and everything I done for the STARS has been my pleasure.

Speaking of things done, I was chairman of the New Field Committee that found the current field !!! I should have gotten 'free beer' for the rest of my life !!

Later...enjoy your "cool" weather.

Warren

Good Evening from Central New York!!

Warren:

The STARS BODs just voted you a lifetime membership in the STARS.

Congratulations and thank you for your wonderful contributions and all your years in the STARS.

Call me.

Michael

These are pictures from Mike s July 19 Field Report:

Wednesday night was Big Bird Night.

The weather was awesome and the air quality was around 27 AQI.

Here s Mike Amy and Karl Price working hard to get airborne:



Here s Karl s *Reactor*:



Here s Karl using the Geotextile runway (almost):



And here s Mike Amy using the runway for his *P-51*:



Mike Mueller showed up with is *Pitt s Special*:



Phil Knapp showed up with his pylon racer and F-22 EDF:



The President showed up to set up the Club's backup trainer, a *Cub*, on a buddy box:



Gary Brown was in the mix with his *P-40* and little biplane:





And I got to try to taxi on the little taxi-way mowed into the field with my Crack *Big Turbo Beaver*:



The wind went to zero and the bugs didn't come out until 8 PM!!

It was a very pleasant evening!!

That's it for Wednesday, 19 Jul 23!!

Michael



Charter 473 AMA Sanctioned

S.T.A.R.S.

www.cnvstars.com

www.facebook.com/cnvstars/

Presents the 44th Annual

Model Airshow and Picnic

Saturday, September 2, 2023

(Rain Date: Sunday, September 3, 2023)

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!!



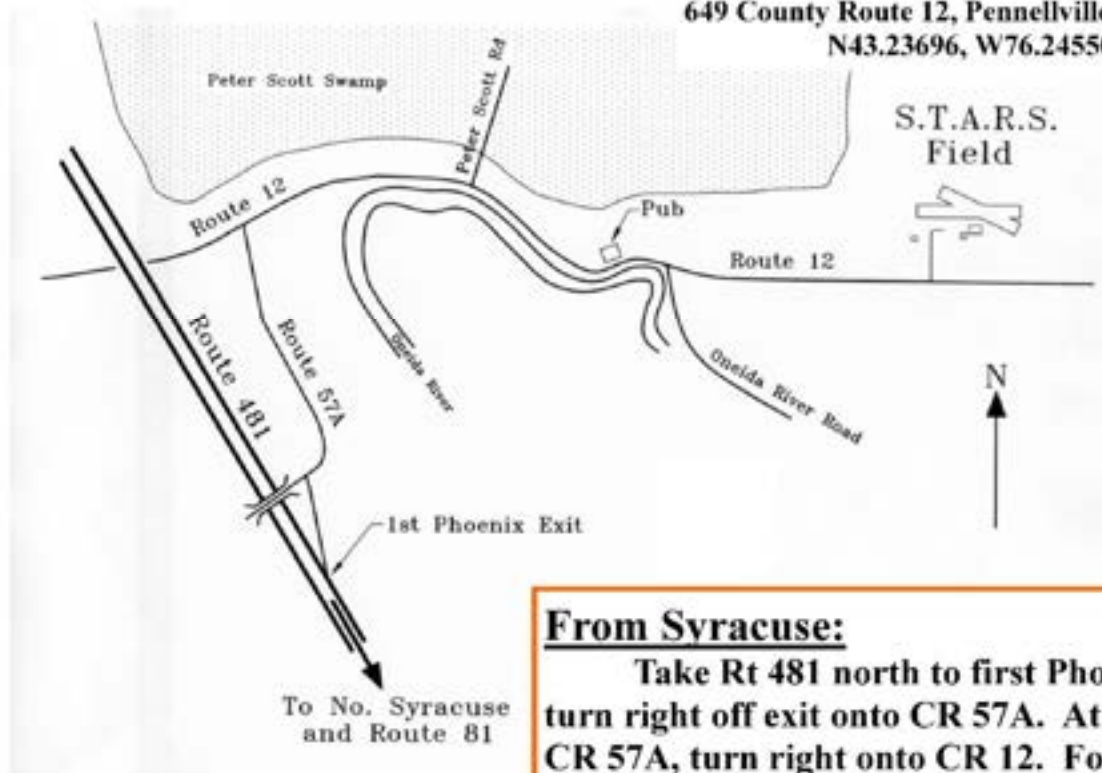
FB Airshow Event



Parking Donation of \$5.00 per car

For more information, contact Phil Morgan, CD, at 315-457-3674 or contact us at: airshow@cnvstars.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 Oneida River bridge, turn left onto Oneida 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.

ARCS Annual Fun Fly

**Saturday, August 19, 2023
Noon 'til 4PM**

**At the ARCS Field, Marcellus Airport, 4910 Limeledge Rd.
Marcellus, NY 13108**

GPS Coordinates: N 43°00.634', W 076°21.142' (WGS 84)



Burgers, Dogs, Drinks will be available

General Rules:

- AMA Membership required
- Radio impound in effect for 72 MHz. Frequency pin required before turning on transmitter
- No flying over pits or full-size runway
- No taxiing into pits
- No more than 3 planes in the air at a time

There will be open flying throughout the day. No competitive events are planned.

When arriving at the airport, be sure to stay to the right and follow the gravel road to the model field. Yield to any full-size airplane traffic.

Questions?

Herb Ziegler

315-857-6266

herbz1957@yahoo.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:

This is the final edition of the Southern Tier RC Swap Shop. Dan Luchaco has included me in his mailing list. 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.

STARS In MA, June 2023- Thanks to Mike Graham

Links-

[UASidekick 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/tjnguytech/charging-how-tos/balance-connectors>

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>



The latest satellite photo with the new runway! Just need the control line circle improvements. Thanks Gary Natali

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.



**STARS FRIA
Application
Submittal.
Pending
approval.**

S.T.A.R.S.

Flight Training Program



2023



When?

Every Thursday evening from 5:30 PM to Sunset
May 04, 2023 through September 14, 2023

Where?

At the S.T.A.R.S. field in Phoenix, New York
649 County Route 12, Pennellville, NY 13132
N43.23696, W76.24550

Who?

Anyone wanting to learn to fly powered R/C model airplanes!! You do **not** have to be a Club member and all lessons are free. Each student must furnish his/her own plane and radio equipment and also must hold a current membership in the Academy of Model Aeronautics aircraft association in order to fly. For those not yet finished building/assembling their trainer aircraft, the Club has a Club Trainer available that may be flown on a Buddy Box.

PreFlight Workshop

Held at STARS Flying Field in Phoenix, NY

Thursday April 20, 2023 at 5-7 PM

Interested?

Contact:



FB Workshop

SENIOR FLIGHT INSTRUCTOR: Bob Rowe (315/474-8428) FB Flightschool

www.cnvstars.com

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.

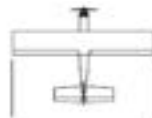
Ask someone to help and walk away from the model until signs of loss of control are apparent. If electric powered ensure that the range is not worse with the motor running.

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.

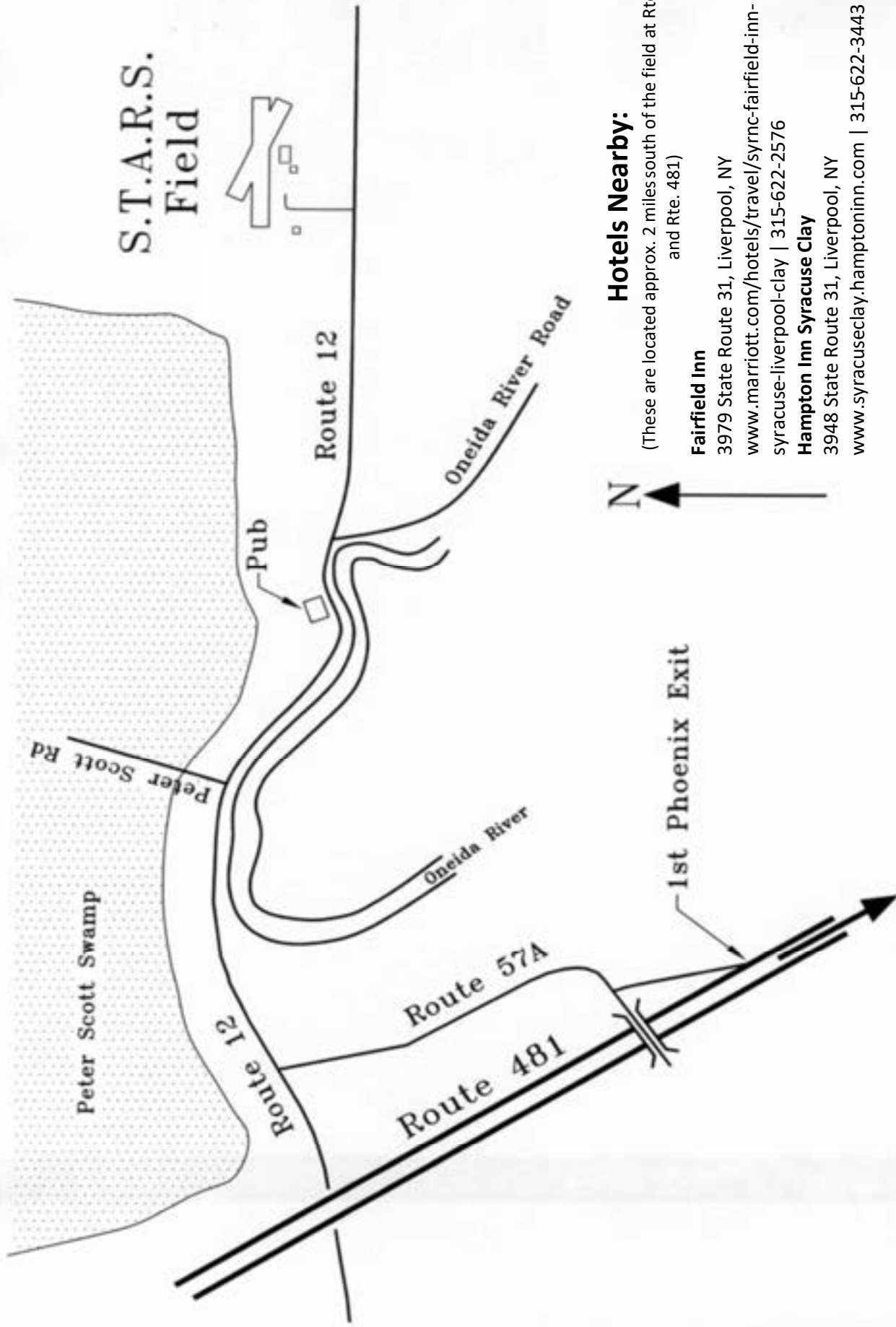
5. Replacement Courtesy:

- 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 on 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



S.T.A.R.S.
Field

Pub

Route 12

Oneida River Road

Oneida River

Route 57A

Route 481

N

1st Phoenix Exit

To No. Syracuse
and Route 81

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

N43.23696, W76.24550

starsmap.dwg
rev 12 Feb 03

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

