

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



May 2023

Charter 473

The STARS June meeting will be held Wednesday June 14th, 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
Open Position

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

The STARS June 2023 meeting will be at the STARS field, on June 14th, 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.

The 2023 Flying Season is Here

Who had "Giant Smoke Plume From Canada" on their event cancellation bingo card?

Sadly, we had to cancel the Liverpool High School Drone Program field trip to STARS. The weather turned out to be pretty good and the air quality was much improved over the two days prior to our scheduled date, but the school system still canceled all outdoor activities. The day wasn't a total loss, though. Representatives for Volatus and Hidden Level, along with member Toby Delaney for the Onondaga County Sheriff's Office, and Phil Knapp and myself for STARS got together to give some presentations and demo some drones and models to the kids. They and our teacher contact, Matt Starke, were very appreciative and we have tentative plans to host the kids and companies at the field in September. Details to follow after our June meeting.

Also at our June meeting we'll be voting on Jeff La Porte becoming a director for the club, filling in the vacancy left by Herb Moore's resignation from the board. Voting will be open members only. In encourage open members to attend to vote, or arrange for your proxy.

On the event front: coming up on Saturday, June 17 is our 3rd Annual Member and Family BBQ. If you're attending please respond to the survey via the link in email ASAP, to help plan for food. Following that, on July 8th, is the Heli Jam. Chuck Levine and Bob Fisk are organizing it this year. Please lend your support for setup on July 7th at 6 PM and then by showing up to fly, spectate, or help out on the day of the event. And our Model Airshow is on Labor Day weekend, Saturday, September 2nd. We need someone to head up organizing for this event. There will be plenty of help on hand for whoever volunteers for this role,

during the planning and prep all the way through the event itself.

Lastly, on the subject of volunteering. This is my 5th year in the President position. As I said during the officer nominations at the end of 2022: in 2024 it is time for someone else to lead the club. I will remain a member and perhaps involved in a different officer role, but I will not be President in 2024. Are you happy with the changes that have happened over the past several years and you want to see it continue? Step up to be a nominee to lead the club in that direction. Have issues with how things have been run or the changes that have been happening? Same answer: step up to be a nominee to lead the club in another direction. There are advisors and past Presidents to help you along the way, myself included.

I know it's early to be thinking about this, but by the time we're normally talking nominations at the end of our event season, it almost always seems too late to recruit candidates. So I'm putting it out there early and often this time around.

Have questions about the role, etc. speak with me, another officer, or a past officer. Interested in putting your name, or someone else's, up for nomination? Let Phil Morgan or Michael Graham know. And that goes for all the officer positions. While having the same people in these roles year after year does lend a sense of stability and predictability, it also leads to stagnation and can hinder growth. New people and fresh ideas in these roles is important to the long term health of the club. That healthy turnover of these roles depends on people being willing to volunteer.

Have a great June, folks. I hope to see you all at the field!

Paul
president@cnystars.com / 315-708-2009

Secretary's Report: Jeff Wolsley

The May 2023 STARS meeting was held at STARS field. The meeting was called to order at 7:01 by President Paul Volcko. There were 16 Open members, 5 Associate members, 0 Youth members, and 0 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 Jeff LaPorte. Carried.

Treasurer's Report: Bob Rowe

Bob gave an extensive report of the treasury. The treasury is in excellent shape.

Motion to accept by Bill Chapman and 2nd by Mike Graham. Carried.

Correspondence:

The Gold Club information has been received.

The permanent easement from the National Grid project has been filed.

CNY Crops has paid their rent. Paul is negotiating an increase for next year.

Herb Moore has resigned his STARS directorship position. He will retain his membership and open status.

Committee Reports:

Field Committee: Jim Johnson

Thanks to everyone who turned out for the spring clean-up. The field looks great.

Volunteers are accepted for mowing.

The clock in the pavilion shows the mowing times. This can be seen on the clubhouse camera so check it out before you come out to fly.

While on that topic, it was brought up that weekend mowing tends to interfere with some of the flyer's weekend flying schedule. Everyone has to understand that sometimes that can't be avoided due to weather issues that postpone regular mowing duties and sometimes the weekend is the only time to catch up. Extenuating circumstances and the like. That doesn't mean the crew isn't flexible. They understand that sometimes they have to yield to the flyers as well.

As stated above the clock in the pavilion shows the mowing time so check out the clubhouse camera before you come so you can plan accordingly.

Safety Report: Jeff LaPorte

Jeff reviewed the general safety rules with the membership in attendance. Those members not in attendance are encouraged to review these online at the address below.

Jeff wants us all to be safety vigilant. We can all say something if we see something that could be or is unsafe.

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

AMA Report: Phil Morgan

Phil had a long report that covered several relevant topics including the remote ID rule that goes into effect later this year.

A digital copy (picture) of your AMA card is acceptable and can be presented as proof of membership at an event. [While you're at it, take a picture of your TRUST certificate and your FAA registration too. This can be presented at an event from your cell phone rather than presenting all these individually. If you've already done this, don't forget to update your picture when you get your new AMA and/or FAA registration.]

Remote ID goes into effect 09/16/2023. The ID broadcast module is registered to your AMA number, not the individual aircraft. The cost of the remote ID module is approximately \$150 to \$ 300.00 The module is moved from aircraft to aircraft. New aircraft that are purchased as an RTF should have the module built into them. Receiver ready or transmitter ready models may not have the remote ID module in them. Read carefully to make sure or ask the dealer. The module broadcast is picked up on a cell phone app. The only transmitted information is the module serial number.

There are 600+ applications for **FAA Recognized Identification Areas (FRIAs)** at this time and that number keeps growing. The FAA may have to come inspect the site as part of the application process. If the FAA rejects the application, a new application must be submitted. Some sites may be rejected completely. This process is going to take quite a while to get through.

Flying at a FRIA site means that you are not required to have a remote ID broadcast module in your aircraft while flying there. Flying is restricted to the area boundaries indicated on the flying site map. Altitude is limited to 700ft. The altitude can be increased by application up to 1200ft. so long as there isn't an overriding restriction like proximity to an airport, etc., such as for an event like free flight or glider flying. The AMA will provide a map of approved FRIA sites. The AMA is not going to enforce FRIA sites or applications. The FAA is not going to allow temporary sites.

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

Paul is working on rebuilding one of the field cameras. He found some water made its way into the housing so it may be shot. The address is: [Syracuse Thunderbirds Aero Radio Society \(cnystars.com\)](https://www.cnystars.com/)

The field cameras that are still in place are up and running.

Continued -

Old Business:

Air Show:

The sanction was received for the Air Show on the new September 2nd date.

FRIA Area Application:

No report on the application. From the last meeting- Paul reported the FRIA application has been filed with the AMA. A response is expected to the application in a couple of months. The application needs to be filed with the FAA, There is an issue with the FAA being flooded with applications, both legitimate and erroneous. The erroneous applications were purposely submitted to gum up the FAA. This is being corrected.

Flight School: Bob Rowe

Fixed Wing Flight School- The first official night is 04/20 for the pre-flight workshop. The workshop will start at 5:00 and run until dark. Food will be available. Flight school starts 05/04 and runs through 09/14.

Heli-Night- Heli night has been slow.

Big Bird Giant Scale: Phil Knapp

Just getting up and running as of this meeting.

Monday Night Jets:

So far the turnout has been pretty good.

Control Line: Mike O'Neill

Mike reminded the group the Control Line Fun Fly is 05/20.

Please come out and support the group.

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 252 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/>

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.

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 newsletter email.

ZOOM Meeting link:

<https://us02web.zoom.us/j/88488515371?pwd=c2ZiRWkhMkIrbGZ5WENDaE12SIB5Zz09>

To join from the STARS web page, go to 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:

Control Line Fun Fly:

There will be two control line circles for the event. The main circle and a 2nd set up either behind the club house or on the field. Events will be balloon bust, 5 at a time, and several others as well as a you try it session. There are 15 flyers expected. The start time is 10:00. No entry fee.

Family BBQ:

The family bar-b-que is June 17th. Paul suggested that his family will be catering the event as they have in the past.

New Members:

There are some new members pending.

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

Special Election:

Herb Moore has tendered his resignation as a director. Thank you to Herb for his years of service. He will continue as an open member for the foreseeable future.

The opening that Herb has left must be filled. Jeff LaPorte was nominated at the meeting as the candidate for the vacant Director position. No other nominees were announced. The position closes on 06/01. The election will be held at the next STARS monthly meeting on 06/14.

Community Involvement:

Liverpool High School drone program will be at the STARS field on June 2nd. This is a follow up to the Career and Technical Education (CTE) Program open house on January 19th.

Continued -

There will be lots of planned events held at stations around the field. THE Onondaga county Sheriff's Department Drone Unit will be on hand as well.

There is a need for flyers to put on flying demos.

STARS Auction:

The date for the STARS auction will be rescheduled. There were several dates pondered but all had a conflict. Another idea was to have the auction during the Air Show. This idea soon failed. So the plan is to hold until Jan 2024 and have the auction at Walt's. Bruce needs to be consulted to see if he is open to the idea.

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.

Guest Columnist:

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 no longer available on an individual basis. An order of approximately 12 hats is required to make an order. There will be a survey sent out to see how many would like a new hat. The club will make the expenditure based on the survey and the interested members will pay the club.

Adjournment:

The May 2023 regular monthly meeting of the STARS was adjourned at 7:48.

Secretary, Jeff Wolsley

Calendar of Events

NOTICE: EVENT DATES MAY CHANGE OR CANCELLED OUTRIGHT.

Calendar of Events for May 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.

To be **RESCHEDULED**- STARS Auction at the field
June 2- **RESCHEDULED** Liverpool High School Drone
Program Field Trip to STARS
June 17- STARS Member and Family BBQ
June 24- RCCR Fun Fly

July 8- CNY Heli Jam

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

September 2- STARS Model Airshow

October 28- Sky Rovers Swap meet

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

STARS Flight Schools- Flight schools begin soon.

Fixed wing- April 20 Pre-flight workshop at the STARS field starting at 5:00. Feel free to come early. Regular classes start May 4th and run through September 14th.

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

Indoor Flying -

Coming to a close for spring 2023...

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



May 20, 2023. Pictures from the first STARS Control Line Fun Fly. All photos courtesy of Mike Graham.

More pictures from the event can be found here-

<https://www.dropbox.com/scl/fo/l6sgifqknfit1ypcmzhoj/h?dl=0&rlkey=gmtebo4if2326ie5yh6sg6f7i>









Mike Graham's Field Report for May 28/29- Photo's courtesy of Mike Graham
Gary Brown was there with his FW-190: He completed his 220th flight while I was there (after converting it to electric).





Here is his new landing gear setup: His mechanical driven landing gear has been modified to more closely represent the actual landing gear on the FW-190.

Note the position of the landing gear way forward of the LE:

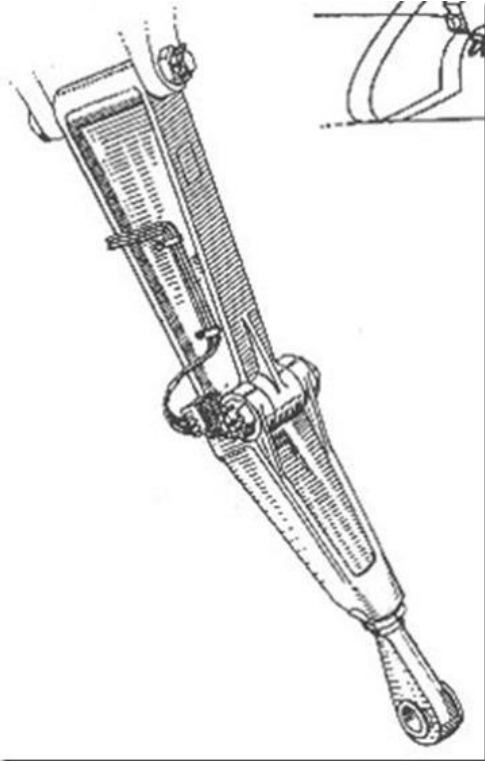




Checkout the drive linkage that operates each wheel strut: Note the overdrive stop on the folding link...

Several people said that they couldn't visualize Gary Brown's FW-190 landing gear in the pictures I took.

Here is an actual picture of the FW-190's landing strut, link, and gear:



Here is a sketch of the actual folding drag link:



Hopefully, you can now see Gary's representative work in my photo below:

BTW, the *FW-190* undercarriage was a bit different from the average fighter landing gear of its time. The *FW-190* gear was operated by pushbutton control of electric motors in the wings, possessed electric up- and down-locks, and had a control wire running from the starboard strut that retracted the spring-loaded tail wheel.



Tom Polovick showed up to fly his single turbine aircraft:
And to test his new twin turbine setup:

Have I mentioned how loud those two turbines sound when at full power??



The bugs arrived at 7:40 PM.

Thanks everybody!!

Michael

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.

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 – 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/tjguytech/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.



S.T.A.R.S.

<http://www.cnvstars.com>

www.facebook.com/cnvstars/

3rd Annual BBQ

*STARS Members
and Families only*

Saturday, June 17, 2023

Rain Date: Sunday, June 18 2023

10 AM to 4:30 PM



**Food and beverages available to all during day
Catered BBQ lunch available around 1 PM!!**



Bring your canopies and setup at the field for a day of family fun!!

Bring your tables and chairs!!

Bring yard games and water pistols for the kids!!

Bring wood for a bonfire!!

Bring your own refreshment coolers (but no drinking while flying)!!

Have your family members fly our Club Trainer (on a buddy-box, of course)!!

In fact, just bring the whole family and have a picnic!!

If you bring it, fly it!!

For more information, contact Paul Volcko, President, at 315-708-2009

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.cnystars.com



Charter 473

S.T.A.R.S.

www.cnystars.com

www.facebook.com/cnystars



2023



Helicopter and Multirotor Nights

When?

Every Tuesday evening from 5 PM to Sunset
April 18, 2023 through October 03, 2023



STARS website



FB Heli Nights

Where?

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

**All skill levels welcome, but must be an AMA Member to fly and must provide your own outdoor capable helicopter or multirotor aircraft.
Build help and flight instruction available.**

Interested?

Come out and join us for fun, food and good flying!!

For more information, contact Paul Volcko at 315/708-2009



S.T.A.R.S.

www.cnvstars.com

www.facebook.com/cnvstars

Auction 2023



To be
rescheduled



STARS event

10:30 AM

Where?

Field in Phoenix



FB Auction event

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

9 AM to 10:30 AM — Setup and Preview

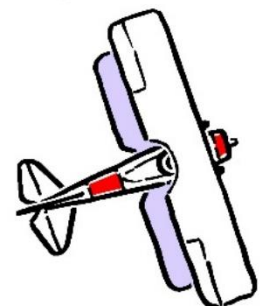


STARS will provide coffee and donuts

Lunch will be offered to wrap up event

For more information, contact:

Phil Morgan: 315/457-3674





S.T.A.R.S.

www.cnystars.com

www.facebook.com/cnystars

Charter 473 AMA Sanctioned

Presents the 14th Annual

CNY Heli-Jam

Saturday, July 8, 2023

[Rain date: Sunday, July 9 2023]

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 Volko, at 315-708-2009 or email helijam@cnystars.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.

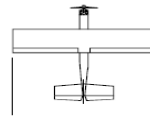
Ask someone to help and walk away from the model until signs of loss of control is apparent. If electric powered ensure that the range is not worse with the motor running.

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.

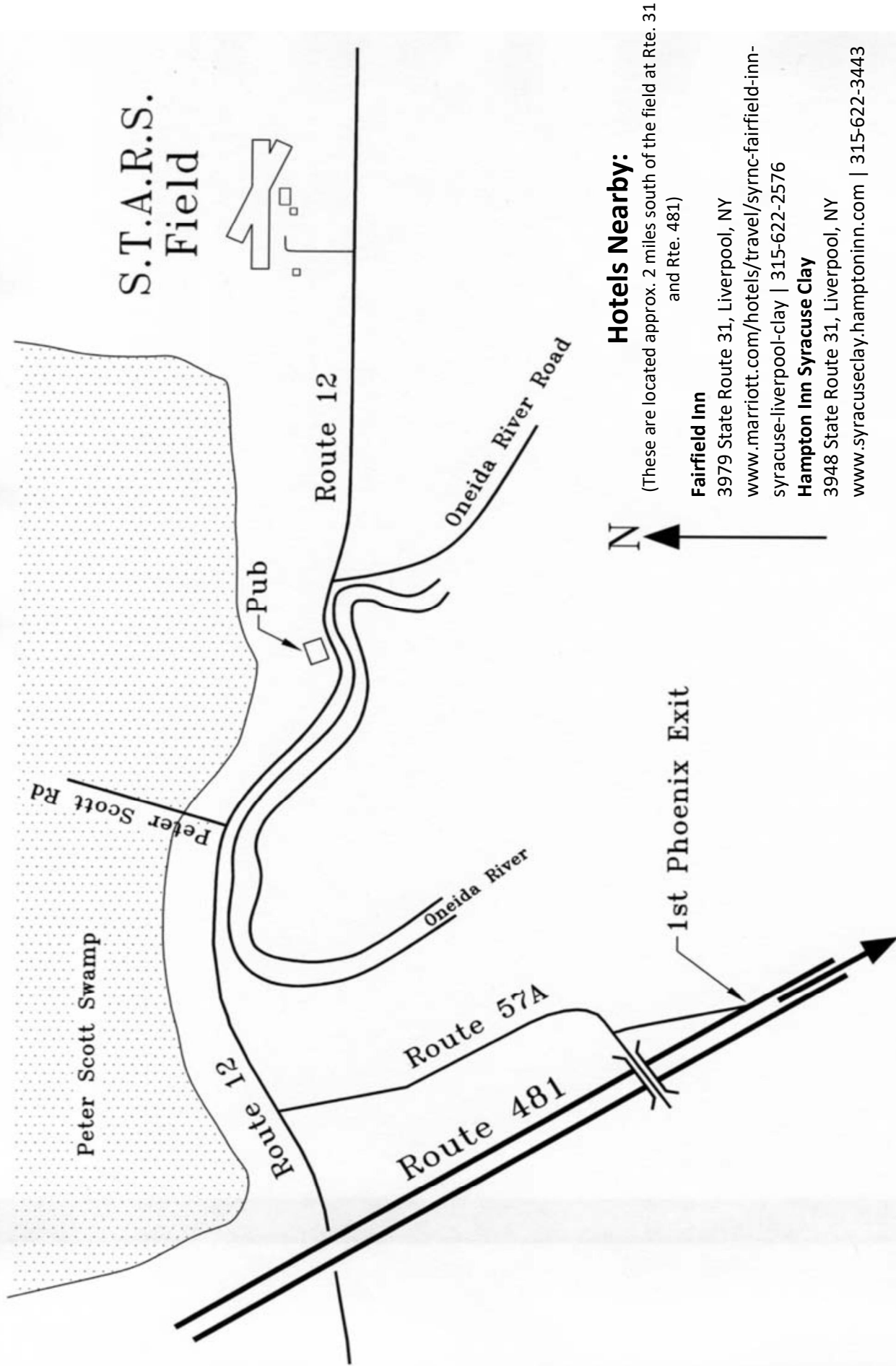
5. Replacement Courtesy:

- 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 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

Route 12

Oneida River Road

Pub

Peter Scott Rd

Peter Scott Swamp

Route 12

Oneida River

Route 57A

Route 481

1st Phoenix Exit



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/sync-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



Est. 1965

Syracuse Thunderbirds Aero Radio Society

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



Charter 473

Membership Application Form

Date: _____

Membership: Open (\$160 share+\$60 dues) Extra Family member (\$30.00)
 Associate (\$75.00) Youth (< AMA age 19 - \$0.00)
 Park Pilot - Associate (\$75.00) Park Pilot - Youth (< AMA age 19 - \$0.00)

Name: _____

Address: _____

Phone (for roster): _____

AMA: _____ DOB: _____

STARS Member(s) Contacted: _____

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

Email Address (for newsletter and notices): _____

Emergency Contact Name: _____ Phone: _____

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 16aug17