

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



July 2022

Charter 473

The STARS August meeting will be held Wednesday August 10th, 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 August 2022 meeting will be held at STARS Field, on August 10th, at 7:00. Unless otherwise notified, STARS regular monthly meetings will be held at the field until fall.

Summer Is Drawing To A Close

The summer seems like it just showed up, and in a few weeks it will be on the way out toward Fall.

In July we had a successful Heli Jam event, poured the control line pilot pad and graded the ground around it for a nice transition to the pad, and grass seeded the area. All that in addition to our weekly schedule of special interest nights. Thank you to everyone involved in making this all happen. In particular, the concrete pad came out great and is a fantastic addition to the club's control line facilities.

Speaking of special interest nights, at our July meeting a vote was held to officially establish a new special interest night: Monday Night Jets! Gary Natali started this up roughly a month earlier on a trial basis and it has gone well. As with our other special interest nights, this is open to all AMA members. Participants do not need to be STARS members, though we certainly encourage people to join up after flying at the club a few times. Those flying jets of EDF, turbine, or otherwise of get flight time priority, but members flying other types of models can work with the folks flying jets to work into the pattern.

August is, of course, the month for our annual RC Model Airshow. The airshow event is Saturday, August 13 from 10AM to 4:30PM. We'll be having a pilots and volunteers dinner afterwards as well where club members are encouraged to bring a dish to share with our visiting pilot guests. We'll have a setup

session on Friday, August 12th starting at 5PM to get things ready for the event.

I sent out an email asking for volunteers for the airshow and there have been a number of responses. Thank you everyone who responded! So far we have volunteers for roughly 75% of the jobs we need to fill. Still needed: Someone to recruit for and manage the noon demo hour, another person for parking, another person for the swap shop, 2 people to help with food service/cooking, and someone else to help with conducting discovery flights on the club trainer equipment. If you can help please get in touch with me as soon as you can. I'd like to have the volunteer list filled by the end of the Wednesday meeting.

I've noticed a number of people helping to advertise the airshow event by sharing the event listing on Facebook. Thanks to everyone doing this. Every share helps. If you see shares in your newsfeed, make sure to like them. All of this helps to spread the word and boost the event on social media feeds. If you have accounts on Instagram or other social media services, please feel free to share there too. So far the Facebook event listing has over 230 people responding as interested or going!

Our August meeting is Wednesday, August 10th at 7PM at the club. The main focus will be on nailing down plans for the airshow.

See you at the field!

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

Secretary's Report: Jeff Wolsley

The July STARS meeting was held at the STARS Field. The meeting was called to order at 7:02 by President Paul Volcko. There were 10 Open members, 1 Associate members, 0 Youth members, and 1 Guests in attendance.

Secretary's Report:

The Secretary's report from the June Propwash was accepted as published. Motion to accept by Mike Graham and 2nd by Jeff LaPorte. Carried.

Treasurer's Report: Herb Moore

Herb was not available. Paul Volcko gave the report for Herb.

Motion to accept by Lloyd Darrohn and 2nd by Mike Graham. Carried.

Correspondence:

Still waiting for a signed copy of the NatGrid contract. Paul V. has original copies of the signed, agreed, document.

Committee Reports:

Field Committee: Jim Johnson

The work on the control line circle will begin tomorrow 07/14. The runway repairs are getting ahead of the field committee members. Rather than the field committee addressing the patches, the membership could participate in a patch party once a month. The runway repair chart works. Please continue to use it. The seams are starting to lift so longer staples will be inserted.

Safety Report: Jeff LaPorte

No accidents to report but a safety observation was made.

Avoid standing or working in the arc of a spinning propeller. Particularly on a gas or nitro powered aircraft. Anything falling into the prop or an ejected blade could do a significant amount of damage. For safety sake, stand or work behind the spinning prop, not in front.

The taxi area ends at the pilot gates. Do not taxi beyond the gates to the pit area. Do not taxi up to the gates from the pit area.

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

AMA Report: Phil Morgan

Phil reported the AMA is raising dues to 85.00/yr. for general renewal and 75.00/yr for seniors.

Renew early at the old rates for next year. Renew for two years and save approximately 40.00.

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

The field cameras are up and running.

Old Business:

Flight School: Bob Rowe

Bob was not available for the meeting. Mike Graham filled in. Flight schools are proceeding as normal. Youth member Connor Gray is just about ready to earn his wings.

Jeff LaPorte is applying for student instructor.

Fixed Wing Fight 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- No report given

Big Bird Giant Scale: Phil Knapp

Low attendance. The weather has not been cooperating as proved today, although Mike Amie and Mike Mueller were flying before the meeting.

Control Line: Mike O'Neill

Mike O'Neill wanted to make sure that the membership knew how grateful he is for installing the control line circle pad.

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/>

Field Improvements:

CLUBHOUSE ROOF

Project complete.

DRIVEWAY STONE

Project complete.

CONTROL LINE The control line circle project is on for July 16th. As usual, Paul has gone to the next level before the control line circle project and figured out the concrete mix to water ratio needed for the mixer that will be rented to pour the circle. Proper planning prevents poor performance! Thanks Paul! Paul reiterated the need for project volunteers. He sent out a volunteer request on 07/07 to get as much help as possible to make this project as successful as possible. 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

Project complete.

Go here to see the runway construction-

[STARS Runway Progress Log](#)

--Continued--

Continue grading around the runway. Fill low spots around the runway perimeter, 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.

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.

New Business:

STARS Airshow:

This is the last meeting before the STARS Airshow. Paul will send out an email asking for volunteers.

New Members:

New members-

Bill Bender- Returning Associate member

Vince Preuss- Returning Associate member

James Brady- Associate sport flyer. OVM member

Chris Muniz- Associate Sport/pattern ARCS, Midstate, Voltairs

Gary Ruebsamen- Associate Fun fly, Former ARCS member

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

The membership in attendance voted unanimously to admit the new members.

Special Interest Groups:

There are some special interest groups interested in using the STARS field.

- Gary Natali is interested in Monday Night Jets. This would be for EDF and turbine jets.
- The second SIG is for a group of retired airline pilots. This is a limited SIG with only one date. These are friends of Bob Rowe that want to have their meeting at the STARS field on 08/08. There are some questions regarding food availability and how many would be attending.

- Last, a star gazing group would like access to our field to get away from light pollution that interferes with their ability to see the night sky clearly. The contact is Keith Conroy. This is limited to just two people. They must be present at the next meeting to answer some question about when and what it is they are planning on doing. These must be answered before a more informed decision can be made.

STARS Bylaw/Constitutional Change:

A proposed change to the STARS Bylaws and Constitution was made by Paul Volcko. The proposed change pertains to membership status designations. The membership status of some of the STARS members puts them in conflict with the current STARS definition of member. When the member's AMA membership has expired, they are currently no longer within compliance of the STARS membership requirements. The proposal would make a designation for expired AMA status, allowing that member to remain a STARS OPEN or ASSOCIATE member, but without flying privileges, until the AMA membership has been brought current.

This proposed change will require an inquiry to the AMA to see how this would affect our AMA Charter. A discussion will take place with Eric Williams for clarification on this matter before proceeding with the STARS Bylaw/Constitution change.

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 July 2022 regular monthly meeting of the STARS was adjourned at 7:50.

Secretary, Jeff Wolsley

Calendar of Events

NOTICE: EVENT DATES MAY CHANGE OR CANCELLED OUTRIGHT.

Calendar of Events for July 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 30- Arcs Pattern Contest

Aug. 13- STARS Airshow

Aug. 20- ARCS Fun Fly

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



The following pictures are courtesy of Mike Graham-
STARS Field Report July 14, 15, 16

14 July:

The ground crew worked on the new U-Control Circle (UCC) center pour and it looked like this in the evening:



15 July:

Here's Jeffrey La Porte playing on Friday:





Notice those gorgeous clouds!!

I took a few shots of the patches made to the Geotextile fabric runway:





The crew again worked the UCC pour area on Friday and Paul made the 10 foot diameter form:



16 July:

Saturday was the pour day and the finished product looked like this at 4 PM:



Note the broom finish for a non-skid surface...

This coming week, they will remove the form, punch out the center plug, and slope/re-sod the area around the pour.

I took pictures of the guys working the pour and will have them up on Dropbox later.



Phil Knapp stayed the entire Saturday and flew into the beautiful evening:



STARS HeliJam 13 Pictures-

Go here for my Dropbox link: <https://www.dropbox.com/sh/oxx1y30cmk7s0a/AADiooBr8Bsc95eAaJTCI929a?dl=0>











Control Line Pad Build- July 14-27, 2022

Go here for my Dropbox file of those pictures:

<https://www.dropbox.com/sh/pnw3pkrrrzoth0w/AABkKbkJe7SbTeaPpZB4g3aQa?dl=0>











STARS Field Report 07/22/2022

Thursday Flight School night was great fun. We had five students and two instructors. Herb Moore performed triple duty as cook, battery charger, and as an instructor for Connor Gray. We ran the flight line between occasional dark cloud downpours... When the rain cloud drifted east, the sky became blue, and airplanes were then back in the sky. The winds were below 5 kts.

Here is Herb cooking in the rain with Mrs. Gray holding an umbrella:



Note the buns under the yellow mustard container....

Friday, the weather was without rain but very warm and humid!!



Note the red addition to the Red Shed!!



We used this to cool the pilots between flights:



I hid my 2015 *MXS-EXP* beneath a table in the shade:



Bob Simms was there with his EDF and my old *Parkmaster Pro*:



Mike O'Neill showed up to work the ground around the UCC center pour:



I think the real feel of the air was around 103 F at 5 PM. It's supposed to be even hotter this Saturday.

Terri and Mandy showed up with supper and decided to eat in the pavilion instead of in the sun on a picnic table!!

STARS Field Report 07/28/2022

Wednesday night, Big Bird Night, had a few of the bigger birds out at the field on the 28th:



Here's Mike Amie's Fokker D.VII:



The weather was calm but the sky was yucky:



The refrigerator was a bit bear, especially if you were hunting for an Orange Drink:



But there was old pizza, if you wanted it!!

Bob Simms was there with his EDFs:



And Dennis had the duty Fly Watch:



Here's another look at the UCC pad after the rains:



We had a visitor stop by named Jim Lapp. He currently lives in Georgia but was visiting friends/family up here in CNY. Jim completed our flight school back in the Nineties. He was asking who was still in the Club and if we still held pylon races.

Thursday evening, Flight School Night, was interrupted with two showers. Then the sun came out and cooked us:



Paul was there with his Buddy Box setup to fly the Club Trainer and Gary Natali was there with his Buddy Box Setup on his own *Timber*:



Neil Ringler did not have a great runway approach on his last flight with his old Sig Kadet:



But the rubber banded wings did come off as intended!!

Towards 8 o'clock, the bugs were really – well, bugging!!

08/06/2022 Mike O'Neill's inaugural flight off the control line circle pad. *Pictures courtesy of Jeff Wolsley*



Mike is getting ready to start his aircraft for the inaugural flight. The motor was finicky so he had to break out the electric starter.



Just before takeoff at 10:19am.



Mike put in a conservative flight so I could get some pictures. Also the heat of the day was already up and the motor was running a little rich. The temperature at flight time was 86° and the heat index made it feel like 90°.



Touch down about 8 minutes later. The new flight pad is a success!



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!!



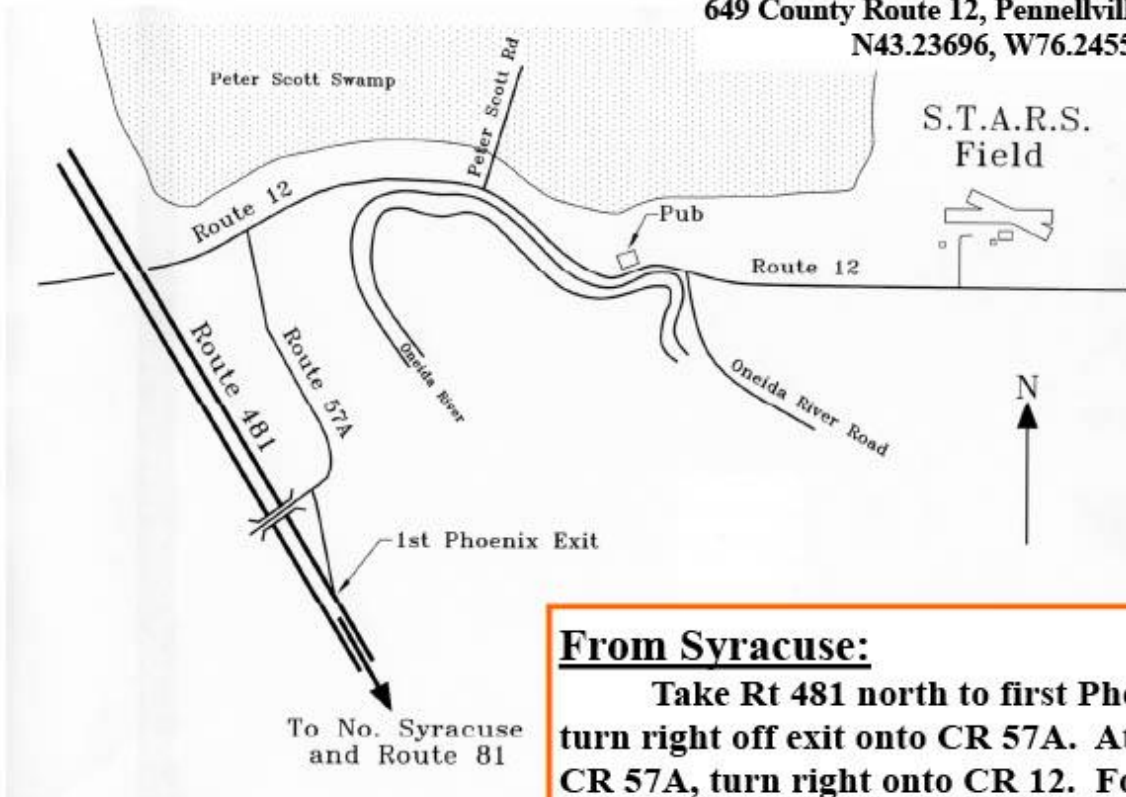
FB Airshow Event



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 Onida River bridge, turn left onto Onida 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 20, 2022
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.

Airplane Raffle: Hobby Zone Aeroscout S-2 RTF. Winner will be drawn!

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:

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/tjinguotech/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](http://www.servodatabase.com/servos/all)

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.

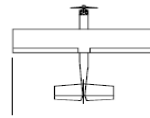
Ask someone to help and walk away from the model until signs of loss of control is apparent. If electric powered ensure that the range is not worse with the motor running.

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:

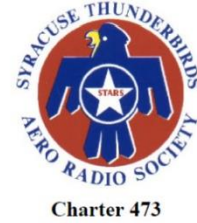
- A. Where an individual's plane or property is damaged by the actions of another individual, it will be the responsibility of the two parties to resolve the situation in an appropriate manner.

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.

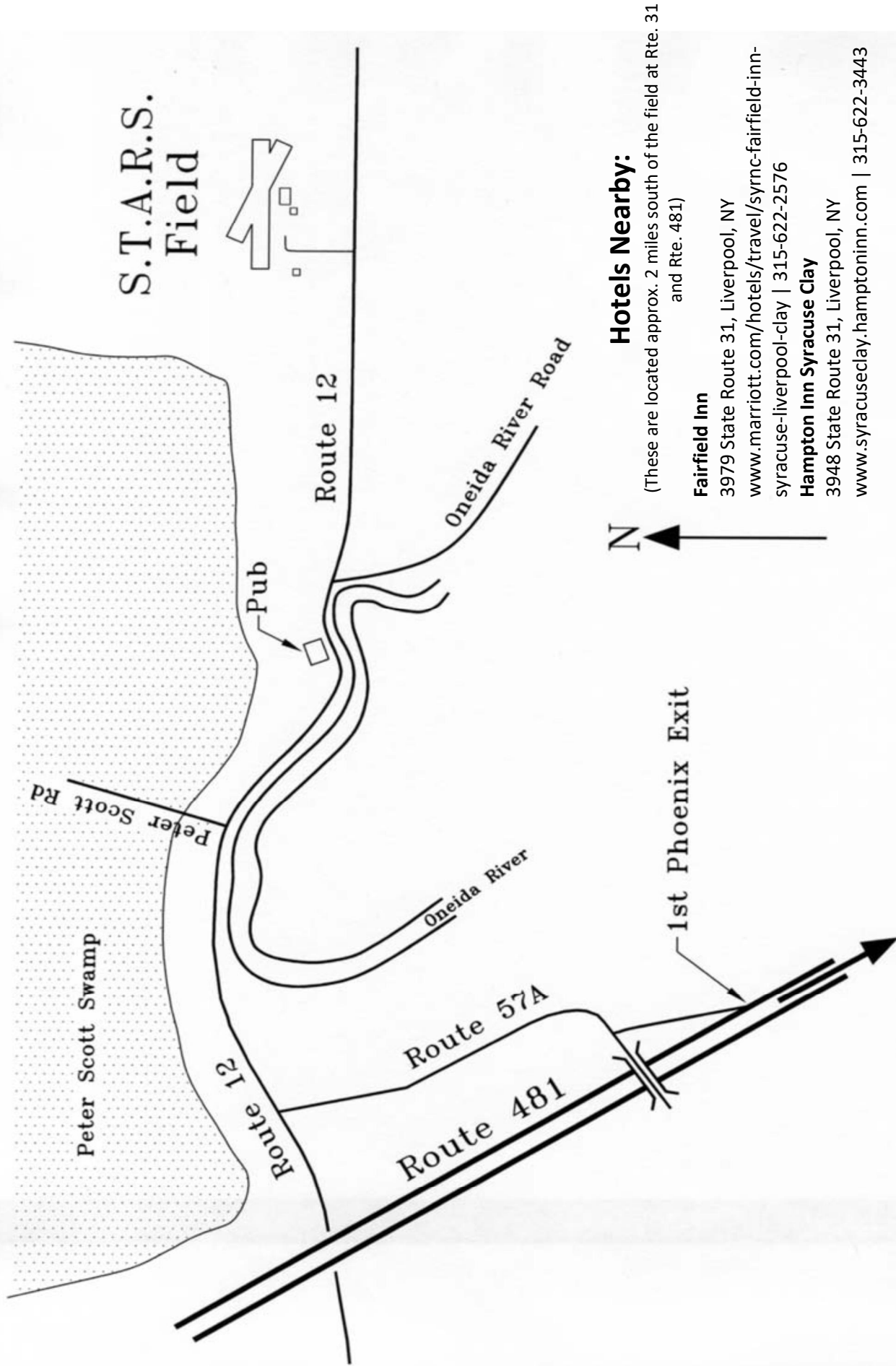
Address: _____

Phone: _____

Email: _____

Emergency Contact Name: _____ Phone: _____

Map to the STARS



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



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