

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



October 2020

Charter 473

The STARS October Meeting Will Be Held Wednesday November 11th, at 7:00- See Below

2020 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](#)
Position Open, Field Committee
[Mike O'Neill, Facebook Admin](#)

The STARS November 2020 meeting will be held online via ZOOM on November 11th, at 7:00. As a reminder the STARS regular monthly meeting is the second Wednesday of the month. STARS monthly meetings will be held via ZOOM until spring.

Open Members Needed!

When this club was formed it was open membership only and there was a relatively low number of members allowed at a time. There was a waiting list to get in.

Over the years the club membership expanded the number of open memberships allowed at a given time and it also decided to allow an "associate" membership level that didn't require the initial purchase of a club ownership share, but carried with it a higher annual fee, no voting rights, and inability to be elected to an officer position (safety officer excepted) or hold a director position.

Now, as we exit 2020 and enter 2021, we're facing a bit of a brewing crisis. In the past 2 years our open membership ranks have fallen from 42 down to 35 (2 of which may drop from the list next year). We need more associate members to consider upgrading to an open membership when they renew for 2021, particularly those that have been re-upping their memberships for some years now. This is needed in order to maintain a large enough base of active open members to conduct the business of the club, from establishing quorums and voting at meetings, to serving as officers, to being candidates for director positions as the need arises.

Open membership is structured to be cheaper annually than associate membership, it carries with it more influence on the club's proceedings and direction, and the one time purchase of a corporate share is paid back (according to club constitution and by-law provisions) if you do need to leave the club at some point in the future.

We started sending out renewal forms last year and it was well received. Forms will be sent out for 2021 renewal soon and will include the option for upgrading to an open membership. If you aren't already an open member, I hope you will consider upgrading your membership when you renew. The STARS need you to help set the direction and build on the club's success in the months and years to come.

To close, a couple points from the last meeting:

First, the motion to rename the field in honor of Peter Seiffert did not get approved by the membership. There was broad agreement that, despite his being a great person and asset to the club and hobby, bestowing that kind of honor in effect did disservice to the contributions of many others in the building and growing of the club over the years. I thank everyone for their input into the discussion on this topic. Peter's memory will be honored with some form of improvement to the club that will be dedicated to him and, likely, some smaller efforts in the coming months. If you have ideas, please let me or another officer know!

Second, after discussion of the September injury incident at the October meeting, there were many ideas put forth regarding additional safety rules and/or policy we might consider implementing. The Safety officer and I will be reviewing current safety rules and proposing new rules and policies for adoption. These will likely include restrictions on powering up model motors/ESCs either in the pavilion or behind the fence, re-adopting use of table tail or wing restraints,

Continued next page-

2021 STARS dues are due. After the January meeting, there is a \$10.00 per month late fee. Dues must be sent to the Treasurer at this time as an in-person meeting is not possible. (Herb Moore 645 Gilbert Mills Road Fulton, NY. 13069)

highly recommending use of a programmed throttle cut in the transmitter or an ESC safety switch to allow safe power up and moving of the models to the flight line. Possibly others. Proposed rules will be reviewed by the board of directors prior to presentation to the membership. Some may be adopted by the board without further input. Others may be tabled for further

discussion at a general membership meeting and possible vote by the membership.

There was more discussed and voted upon at the meeting. Please review the meeting minutes section for more information.

Paul Volcko

president@amadistrictiistars.org / 315-708-2009

Secretary's Report: Jeff Wolsley

The October STARS regular meeting was held via ZOOM. The meeting was called to order at 7:05 by President Paul Volcko. There were 11 Open members, 9 Associate members, 0 Youth members, and 0 Guest in attendance.

Secretary's Report:

The Secretary's Report was accepted as published in the September Propwash Motion to accept by Herb Moore and 2nd by Lloyd Darrohn. Carried.

Treasurer's Report: Herb Moore

Herb reported insurance is due in December. Property tax will be due in January. The port-a-pottie will be picked up in November. The treasury is in good shape. Motion to accept by Phil Morgan and 2nd by Lloyd Darrohn. Carried.

Correspondence:

No correspondence reported.

Committee Reports:

Field Committee: Paul Volcko

The Toro has been repaired. Grass cutting is still underway but is expected to slow in the near future as the weather changes.

Peter Seiffert-

The vote for the field name change came up after the Secretary's report was accepted. The vote was a simple proposal to change the name of the field to remember Peter. The members in attendance were asked for their vote. There were 18 NO and 2 YES votes. So, the NO's have it- no field name change.

These options are still available as a way to memorialize Peter-

- 1- Awing on the clubhouse
- 2- Pergola over the entry
- 3- Open pavilion addition to the clubhouse
- 4- Cover over the flight line

Safety Report: Jeff LaPorte

Quite a bit of time was devoted to Bob Simms recent accident at the field. Bob was fortunate to have the help he needed that day and calm heads handled the situation well. Bob's accident started when he accidentally turned his transmitter over in the pits while getting his plane ready to fly. The throttle lock must have been affected by the fall and the throttle became armed. While Bob was checking over the transmitter for damage, the prop spooled up unexpectedly and Bob was struck in the left hand. He received some severe lacerations. Bob's medical history makes him susceptible to bleeding. Fortunately, he was well attended to and sent to the hospital via ambulance. As of the meeting, he is recovering well and on the road to recovery.

In the future, range check your aircraft on the ground, or on a table, but with some sort of restraint.

Bob's accident may prompt some rule changes for the club and additional signage along the flight line.

Another safety related issue was brought up regarding neck straps, dangling jewelry, or loose clothing around rotating props. Please be sure that that your transmitter neck strap, necklace, or loose clothing are secured, or taken off, prior to starting your engine. The danger due to entanglement is too great to be ignored.

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

AMA Report: Phil Morgan

The club has again received Gold Leader status. The STARS have had this status for approximately 12 years now.

The AMA membership is due now. Don't forget to renew.

Renew your FAA license before 12/20. Phil says by 12/17. This mostly applies to the first round of applicants. Please look at your FAA registration to see if this applies to you.

Your current FAA registration has been extended to 12/20/2020. Look for an email from the FAA asking you to renew. If you wait until after 12/20, you will need to renew from scratch and will get a new registration number.

Please visit <https://www.modelaircraft.org/gov-beta> for the latest information regarding the AMA and the FAA.

The AMA now has a service to help past members sell off estate collections. Web page address coming soon.

FAA- Phil reported that the FAA is posing an online pilots test of 12 to 18 questions. The test will be a pass-pass test for now.

The podcasts are online at <https://www.modelaircraft.org/podcast>. There are several different entries available.

AMA Remote ID Campaign:

While the write in campaign is over, the AMA still needs us to be vigilant. They are asking us to continue to keep the pressure on our representatives. If you don't know who your representative is, or how to contact them-

<https://whoismyrepresentative.com/>

Put in your zip code and it will tell you who your representatives are and their contact information.

If you are interested in viewing any of the comments-
<https://www.regulations.gov/docketBrowser?rpp=25&so=DESC&sb=commentDueDate&po=0&dct=PS&D=FAA-2019-1100>

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

The STARS Facebook page-

<https://www.facebook.com/groups/amastars/>

STARS Web Site: Paul Volcko

The address is <http://www.amadistrictiistars.org>

Please view the field cam at:

<http://www.amadistrictiistars.org/cameras.php>

This is an infrared cam so you can see some activity at night.

Continued -

Old Business:

Flight School: Bob Rowe

Fixed wing has wrapped up for the season. There is one pilot graduation pending and another pilot graduated.

Heli flight- Paul Volcko. Also wrapped up for the season.

Flight schools will be back in 2021.

Big Bird Giant Scale: Phil Knapp

The formal Big Bird season is closed. See you in the spring.

Control Line: Mike O'Neill

Mike reported the Ringmaster fly-a-thon was a success. There were several flights including some new CL flyers.

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 118 members currently. [Mike O'Neill](#) is the administrator.

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

The STARS Facebook page-

<https://www.facebook.com/groups/amastars/>

New Business:

STARS in The News:

The STARS recently appeared in a news story on Spectrum News. The story was produced by Justin Bachman and appeared a few weeks ago on October 8th.

[STARS on Spectrum News](#)

The link is also on the Facebook page and Mike O'Neill has it on his site as well.

Field Improvements:

Work has begun on field leveling near the control line circle and the edge of the field. Watch out for rocks that may have been

dragged up while moving the dirt around. 12 yards of dirt have been delivered and almost completely spread out. Looking for more dirt soon.

The pipe under the bridge has been addressed. The county was out clearing the ditches and lent a hand in clearing the pipe out. The foreman commented that if we buy the pipe, they can install it for us. No mention was made regarding labor cost or if it was included.

New Members:

New member youth Jacob Hotaling was voted on. The membership in attendance unanimously voted Jacob in. Congratulations.

Officer Nominations:

No new candidates came forward at the October meeting, so the slate stands the same as last year-

Paul Volcko- President	Phil Knapp- Vice President
Herb Moore- Treasurer	Jeff Wolsley- Secretary
Jeff LaPorte- Safety Officer	

The election will take place at the November meeting.

STARS Christmas Party:

Several members have concern regarding the annual STARS Christmas Party this year. As a social event, it is not advisable to have one this year. The Christmas party will return in 2021.

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.

Adjournment:

The October 2020 regular monthly meeting of the STARS was adjourned at 8:01.

Secretary, Jeff Wolsley

NOTICE EVENT DATES MAY CHANGE OR CANCELLED OUTRIGHT.

Calendar of Events for October 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.

Oct. 9-11 Black Dirt Squadron Aero Tow

Nov. 7th Finger Lakes Air Pirates Fun Fly,
Open House, and Swap Meet

Click here→ [AMA DII Additional events](#)

STARS Flight Schools- Flight Schools have closed for the 2020 season.

Congratulations to the graduating pilots. Flight schools will re-open in spring 2021.

Big Bird- Big Bird has closed for 2020. We will see you again in 2021.

The indoor schedule for the 2020-2021 season is unknown at this time due to Covid restrictions. Due to the virus situation the schedules may be revised at any time or unfortunately cancelled outright. As I get updates, I will add them here. Otherwise please contact the group to confirm flying schedules.

Camillus Indoor Aviators (CIA) Indoor flying at First Baptist Church located at 1960 State Route 5 in Elbridge **NEED TO CONFIRM** Tuesday and Friday 6:00 to 9:00 and the first Saturday of each month 4:00 to 9:00 (2.4GHz only)

CNY Indoor Flying Society Please visit the web page for details before attending. Sacred Heart Catholic Church on Route 11, Just South of Cicero, NY. **NEED TO CONFIRM** Tuesdays and Thursdays 12:30-4:00. Saturdays 6:00-9:00.

Walt's Hobbytown- **NEED TO CONFIRM** Indoor flying will be available at Walt's during normal business hours. Flying ends 1/2 hour before closing time. \$5.00 landing fee. Please contact Walt's Hobbytown for further details.

MexAir R/C Indoor flying starting **NEED TO CONFIRM** October 14 thru April, Friday night from 6pm-9pm at the Mexico Elementary School located in Mexico, NY. There is a \$5 charge for any adults who wish to fly. Anyone ages 19 or below fly for free!!



2020 Black Dirt Squadron Aerotow

178 Indiana Road, Goshen, NY

October 9, 10, 11, 2020

- 750 foot manicured smooth flat grass runways
- Booming thermals from surrounding black dirt fields
- Out building to store assembled tow planes and gliders
- E-Sailplanes welcome but no winch or high-start flying
- Primitive camping at the field starting Thursday night
- \$20 donation per day, \$50 for all three days
- Best value hotels are located in Middletown, NY
- Current AMA or MAAC required to fly
- Informal R/C swap shop...bring your unwanted treasures!
- Common sense Covid-19 safety practices observed.
- Due to Covid-19, please bring your own food and drinks.



Photos courtesy of Jeff Duhaime

FINGER LAKES AIR PIRATES

PRESENTS



2020 FUN-FLY OPEN HOUSE/SWAP MEET MODEL AIRCRAFT SHOW



ALL CLUBS WELCOME

OPEN TO PUBLIC

Swap meet!
bring your own table
or tailgate!

*Free admission
And parking*

*Bring your
R/C goods
to sell*

*Covid safe
event*

*Must wear masks
and 6' social
distancing*

SATURDAY NOVEMBER 7TH

10AM TILL ?

Must have valid AMA license to fly unless training

1911 Auburn Rd. (Route 5&20) Lotts Farms
Seneca Falls NY

Call: 315-399-9476 for more info

*Campers welcome
Reservations needed*



All pictures (and most commentary) courtesy of Mike Graham-

Here is the work being accomplished on the ukie circle:



Somebody dumped a pile of what appears to be topsoil on the edge of the field:



And a challenge was made for improving landing skills by working a dirt strip almost down the center of the runway:

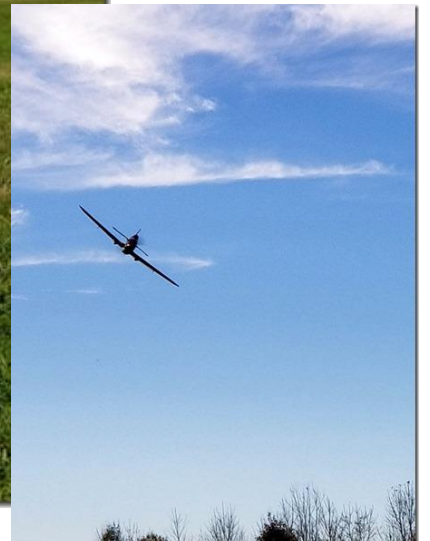


Tom was there with his *King Cat* turbine along with Greg Moore and his big bird:





Gary Brown was there with his fleet. Check out this ground shot of his *P-40*:





And I got to fly in the sunset with my night QQ Extra 300 G2:



10/23/2020-

I was the only guy at the field this evening, and I found the refrigerator unlocked. In fact, I couldn't find the lock for the refrigerator....



Since the wind was bouncing around from 2-15 kts, I walked around the field and took a few pictures:



**There has been more work in the center of the runway:
It looks like they have crowned the fill area and rolled it.**



The flight station barriers have been stowed away for the winter:



Oddly, enough, it feels strange to fly without a barrier.....



They have been clearing the trees at the West end of the field:





The field drained wonderfully. That's awesome!!



However, the grass was still wet. Look at my taxi tracks:
Five flights were enough. The wind would change directions between the time I took off and the time I landed – and it vectored around 270 degrees....





S.T.A.R.S.

Jacket Order Form



The STARS Club jacket is a blue, three season, satin finished, quilt lined jacket with the Club logo on the back and your name embroidered on the front over the left breast.

The prices: \$88.40 for S, M, L, XL; \$90.40 for 2XL; \$92.40 for 3XL

Name: _____

Address: _____

Phone: _____

Name desired on jacket: _____

Send form to: Phil Morgan
9172 Beach Road
Brewerton, NY 13029

Checks payable to: Phil Morgan (Not the STARS)

IMAA Big Bird Safety Checklist

Balance

Is the longitudinal center of gravity (for and aft) within the range shown on the plans?

Is the model balanced laterally (side to side)?

Alignment

Are all the flying surfaces at the proper angle relative to each other?

Are there any twists in the wing?

Do the wings and removable tailplane seat properly on the fuselage every time?

Is the engine set at the proper thrust angle as shown on the plans?

Control Surfaces

Are all control surfaces securely attached? (i.e., hinges glued, pinned). Pull on each one to test.

Are the control horns secured to the model?

Control Linkages

Have all the linkages been checked to be sure they are secure?

Are the clevises closed? (Keepers or fuel tubing should be fitted to ensure they stay closed)

Engine / Motor Mount Security and Operation

Are all engine mount screws tight, including mount to bulkhead if applicable?

Are the propeller bolts and/or spinner tight? If a single nut, is there a safety nut as well?

Does the throttle work without binding?

Does the throttle trim tab shut down the engine?

Has the propeller been balanced and checked for damage?

Are the propeller tips painted a contrasting color? (while not essential it makes the propeller much easier to see)

Has the engine been thoroughly test run? (engine idle and throttle up properly)

Is the fuel tank installed correctly? (i.e., carburetor at the same height as fuel tank, fuel tank clunk in proper position and moving freely, fuel lines in good condition and connected to the engine correctly)

Radio Equipment

Are the receiver and the battery securely mounted and padded with foam to protect from vibration and shock?

Are all the electrical connectors secure?

Is the receiver 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 all hatches, cowls and canopies secure?

Are all components structurally sound?

Is your name and contact details marked on the model somewhere easily visible? (in case it's lost)

Range Checking the radio

Verify frequency is available and mark it as yours if necessary.

Turn on transmitter check the correct model is selected (if applicable) and then turn on the receiver.

Important: make sure the transmitter aerial is down fully.

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

Before EVERY flight:

Check the receiver battery pack to ensure enough charge for the flight intended.

Check for damage and the control throw direction of all surfaces.

Advertisements:



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.**

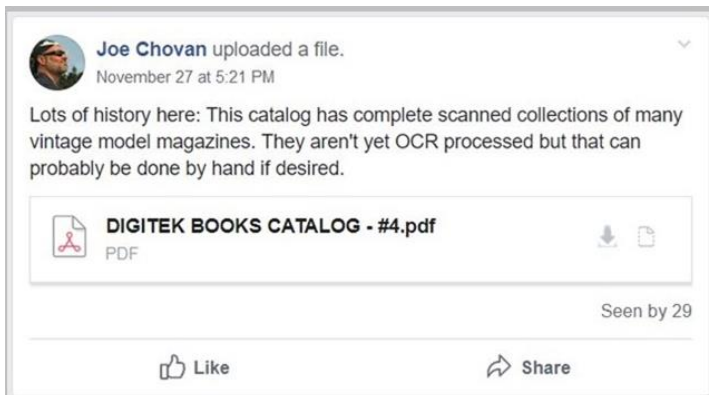
FOR SALE:

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.

Mark Oliver is selling his father's collection of r/c aircraft and parts. Mark participated in the Swap shop at the Airshow. I now have an electronic copy of the flyer. I will attach it to the newsletter email. Mark can be reached at 315-727-6230 or <mailto:moliver15@twcnv.rr.com>

Michael Graham Forwarded this- Digital Magazine Copies for Sale

DIGITEK BOOKS CATALOG - #4.pdf



So, I downloaded the pdf and it is attached.

Roland Friestad evidently owns the Digitek Book company and has a nifty way of doing business:

ORDERS ARE BURNED TO A FLASH MEMORY DRIVE THAT PLUGS INTO A USB PORT AND ACTS JUST LIKE ANOTHER DISK DRIVE - ALLOW UP TO 10 DAYS TO PROCESS YOUR ORDER.

ORDERS ARE SENT VIA FIRST CLASS MAIL - POSTAGE IS PAID FOR DELIVERY WORLD WIDE AT NO ADDITIONAL COST.

IF THE TOTAL COST OF YOUR ITEMS IS LESS THAN THE MINIMUM ORDER OF \$25.00, AN ADDITIONAL CHARGE WILL BE ADDED TO TO YOUR ORDER TO MAKE THE MINIMUM ORDER AMOUNT OF \$25.00

NOTE --- FOR ORDERS TOTALING LESS THAN \$25 YOU MAY AS WELL ADD ADDITIONAL ITEMS SINCE YOU WILL BE PAYING THE \$25 MINIMUM EITHER WAY.

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-

This Mike O'Neill's website to check out- <http://www.flyboyzblog.com/>

This site has articles pertaining to both full scale and model aircraft. Check it out.

Howard Blair found an interesting video from YouTube on micro flight

<http://www.youtube.com/watch?v=fuoFA2fKjEo&feature=fvst>

Tom Catalino pointed out this site. An excellent site for Lipo battery info-

<http://sites.google.com/site/tjinguitech/charging-how-tos/balance-connectors>

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

Mike Graham has a torque conversion chart-



Servo Torque
Conversion Chart.pdf

Arming Switch Information-

AMPD- Arming The Big Boys, by Greg Covey November 2007

http://www.rcuniverse.com/magazine/article_display.cfm?article_id=950

RunRyder- How To Make A Spark Arrestor for an ESC by Lucien Miller

<http://www.helifreak.com/archive/index.php/t-289393.html> look down to the post from gbidwell from 4-24-2011 0601am. That's the exact article that I have from RunRyder.

Note- Many of the newer 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.

The link for the AMA DII Calendar is:

<http://www.amadistrictii.org>

The link for the STARS club home page at DII is

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

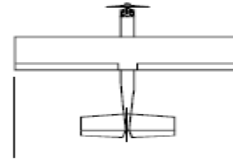
The link for the STARS club web cam is:

<http://www.amadistrictiistars.org/scam.html>



STARS Field Satellite photo

STARS 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. Impound: All pilots, students, and flying guests must place their transmitter(s) in the impound area immediately upon arriving at the field.
- D. Vehicles: Vehicles will not be permitted on the flying field.
- E. 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.
- F. Trash: All members will take home their own trash.
- G. Alcoholic Beverages: Members will not consume alcoholic beverages prior to, nor during, participation in any *modeling* operations.
- H. Smoking: Smoking will not be permitted in the pit area or on the flight line.
- I. Mowing: Flying on the field will not be permitted if the field is being mowed or maintained.

2. Transmitters:

- A. Frequency Control (*For non 2.4 GHz transmitters only*): All members, students, and guests *must make use of the field frequency control system*. Each pilot will obtain the correct frequency flag (or pin) from the impound board and attach it to his/her transmitter before attempting to fly.
- B. Range Checks: Each pilot will conduct a successful radio equipment ground range check before flying a new or repaired aircraft and prior to each flying session.

3. Engines:

- A. All internal combustion engines run at the field will have a silencer (except for small displacements of .09 cubic inches or less).
- B. When running an engine in the pits, keep neighboring personnel behind the prop arc.

4. Flying:

- A. Boundaries: Flying over the pit area or the spectator side of the fence is prohibited, unless beyond the control of the pilot(s).
- B. Taxing: Taxing is prohibited in the pit area!
- C. Flying:
 - (1). Pilots will initiate their first turn after takeoff away from the pit and spectator areas.
 - (2). Engines will not be started before 9 AM Monday through Saturday and 11 AM on Sunday (*electrics may start at 10 AM*), unless approved by the Event Director.
 - (3). No more than three aircraft will be permitted in the air at one time.
 - (4). All flying will be conducted from the designated flight boxes.
 - (5). Hand launching of aircraft is prohibited from the pits.
 - (6). Flight operations will cease during electrical storms.

5. Guests:

- A. All guests must have a current membership in a nationally recognized model aircraft association in order to fly.
- B. Guests may fly at the field only with the approval of a member in good standing and only as long as a sponsoring member *remains at the field*. Guests will not fly unattended.

- C. A local guest will be allowed to fly at the field on three (3) separate occasions and then will be asked to join the Club.
- D. An out-of-town guest may make arrangements with the Club to fly at the field while visiting the area. The Club Officers and the Safety Officer will handle each out-of-town visitor on a case-by-case basis.
- E. *All guests are required to extend every courtesy to current members sharing the same flying frequency*. But when there is a conflict over who shall fly, the Club member will have the first option to fly. Both the guest and the members should use common sense while sharing the flight line or using the same radio frequencies.

6. RC Aircraft Utilizing "First Person View" Systems (AMA Document 550):

A. GENERAL:

- (1). FPV flying of radio control model aircraft by AMA members is allowed only for noncommercial purposes as a hobby/recreational and/or competition activity.
- (2). All FPV flights must be conducted in accordance with AMA's current National Model Aircraft Safety Code and any additional rules specific to the flying site/location.

B. OPERATIONS – REQUIREMENTS - LIMITATIONS:

- (1). *AMA FPV novice pilots undergoing training with an experienced AMA FPV pilot should use a buddy-box system if practicing at a low altitude (below 100 feet) or practice at a safer, higher, altitude when no buddy-box system is an option.*
- (2). All FPV flights require an AMA FPV pilot to have an AMA FPV spotter next to him/her maintaining VLOS with the FPV aircraft throughout its flight.
- (3). The FPV pilot must brief the FPV spotter on the FPV spotter's duties, communications and hand-over control procedures before FPV flight.
- (4). The AMA FPV spotter must communicate with the FPV pilot to ensure the FPV aircraft remains within VLOS, warning the FPV pilot of approaching aircraft, and when avoidance techniques are necessary.
- (5). The FPV spotter may at any time during an FPV flight acquire the transmitter from the FPV pilot and assume VLOS control of the aircraft.
- (6). If the FPV pilot experiences a problem due to a loss of video link, orientation, or is unable to safely fly, he/she must abandon FPV mode and fly VLOS or pass the RC transmitter to the FPV spotter to assume VLOS control of the aircraft.
- (7). Before initial FPV flight and after any flight system changes or repairs, FPV model aircraft must be test flown by conventional VLOS to determine that flight systems are working properly.
- (8). FPV model aircraft must use frequencies approved by the FCC for both the RC system and the wireless video system. Pilots must meet applicable FCC licensing requirements if they choose to operate the RC flight control system or the wireless video system on Amateur Band frequencies.

C. RANGE – ALTITUDE – WEIGHT – SPEED:

- (1). One of the requirements in Federal Law (Public Law 112-95 Sec 336 (c) (2) February 14, 2012) for model aircraft to be excluded from FAA regulations is that model aircraft be flown within VLOS of the operator.
- (2). Model aircraft flown using FPV must remain at or below 400 feet AGL when within 3 miles of an airport as specified in the AMA Safety Code.
- (3). Model aircraft flown FPV are limited to a weight (including fuel, batteries, and onboard FPV equipment) of **55 lbs.** and a speed of **100 mph**.

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. Cell phones are not to be used on the flight line or in the pavilion near the transmitters.

2. Engine Courtesy:

- A. Long term tuning and initial break-in should be conducted away from the pits and spectators (usually at the engine break-in stand).
- B. Do not direct prop wash at other modelers, their aircraft, equipment, or bystanders behind the pit fence. Kindly inform those bystanders near the fence that you intend to start an engine before you do so.

2. Flying Courtesy:

- A. Any person wishing to enter an active flying field or runway to cross same or to retrieve an aircraft, must loudly announce their intention to all fliers on the flight line.
- B. A "landing" aircraft has the right of way over an aircraft "taking-off".
- C. A "dead stick" aircraft has the right of way over all others.
- D. All take-off and landing attempts must be announced to other pilots on the flight line. Take-offs are normally announced by saying "taking off", and landings are announced by saying "landing" or coming in". Dead stick landings are announced clearly to all pilots in the pits and on the flight line by saying "dead stick".
- E. A pilot having difficulty in controlling his/her aircraft must announce to all in the pits and on the flight line that he/she is experiencing radio or mechanical problems. Pilots on the ground preparing to fly will turn off their transmitters and wait for the problem to be resolved before continuing to fly. Fliers in the air will stay clear of the aircraft in distress and will land, if possible, as long as it does not contribute to the crisis. All personnel near the pit area must be alerted to the situation.
- F. If a crash occurs on the field or in the pits, all flying will stop until the accident has been investigated and the debris has been cleared from the field.
- G. Normal flight duration is 10 minutes. Obviously, flight time may be extended if there are no other pilots waiting to fly or waiting for a particular radio channel.
- H. When you have finished flying, please return your transmitter to the impound.

3. Good Earth Policy:

- A. Place recyclables in the appropriate container in the pavilion.
- B. Turn off all pavilion lights when departing the field for the night.
- C. The field does not have a trash removal service. If you carry anything to the field, carry it back out.
- D. If a pilot or guest brings a pet to the field, he/she will be responsible for supervising the animal's conduct while at the field. Please observe all appropriate Field Rules.
- E. If you smoke, please place all cigarette butts in the butt cans in the field.
- F. Do not throw cans or bottles or any other trash in the outhouse pits.
- G. DO NOT DRINK THE WELL WATER. Well water is to be used for washing only.

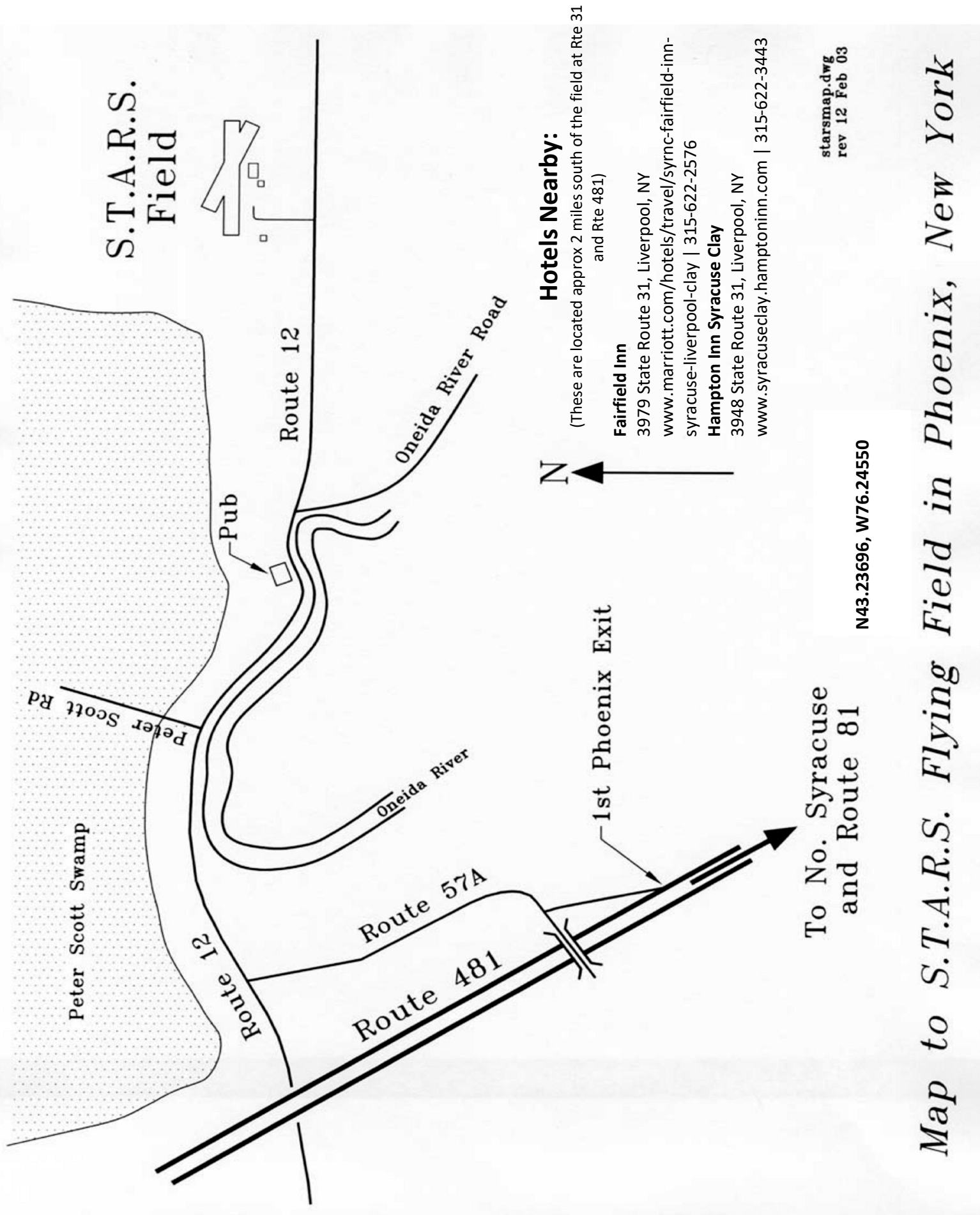
4. Replacement Courtesy:

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

STARS POLICY REGARDING PHOTOGRAPHY

- STARS is a membership organization organized under the laws of the State of New York.
- The STARS flying field, located in Phoenix, New York, is owned by STARS, and as such, is privately owned property.
- The purpose of this policy is to limit and restrict the reproduction of images, in any form, of the STARS property and the activities which occur thereon.
- While the STARS property is privately owned, members, guests, and the general public are welcome at the field during published field hours of operation. Members, guests and the public must adhere to all rules imposed by STARS regarding entry upon and/or the use of STARS property, including the STARS policy on photography.
- The reproduction of images of the STARS field or the activities thereon, in any form, is a privilege and not a right.
- Except as provided below, the reproduction of images of the STARS field or activities thereon in any form, including, but not limited to film and digital still photography, and video photography in either film or digital form, is strictly forbidden.
- Violation of this policy will result in immediate expulsion of the violator from the STARS premises, and may subject the violator to criminal and/or civil sanctions and penalties.
- Members in good standing of STARS shall be exempt from the above requirements so long as any images or video produced of the STARS premises or the activities thereon are for personal and non-commercial use.
- Guests and the general public may be permitted to photograph or video the STARS property and activities thereon, but only for personal and non-commercial use, and only with the prior written consent of the Club's executive board.

Map to the STARS



S.T.A.R.S.
Field

Route 12

Oneida River Road

Pub

Peter Scott Rd

Peter Scott Swamp

Route 12

Route 57A

Route 481

Oneida River

N

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/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