

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



September 2019

Charter 473

The Next General Meeting will be October 9th, at 7:00 at Walt's Hobbytown.

2019 Officers

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

Directors:
Peter Seiffert, 2007-08
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 next STARS meeting will be at Walt's Hobbytown, October 9th, at 7:00. As a reminder, the meeting is always the second Wednesday of the month. The STARS monthly meetings will be held at Walt's Hobbtown until spring 2020.

Elections Coming Dues Increase Vote

It's been a very busy few weeks!

The 2019 Model Airshow and District II Fly-in and Picnic (bit too wordy) is in the books. I want to thank everyone that came out to volunteer, fly, and socialize. It was double the usual work load with it being a two day event, but we pulled it off and I think everyone that came was quite pleased with the event and the hospitality they were given.

The weather on Saturday was absolutely perfect and the rain held off for us on Sunday until we finished up our evening pilots and volunteers pot luck dinner. There was some spectacular flying. Saturday's catered BBQ dinner went over very well, as did the DJ stylings of Phil Artese. We had both Eric Williams and Gary Fitch out with us from the AMA. We were very happy to see Walt and Jan Throne stop by to make their annual visit to our event. Walt even got in some stick time on one of Eric's planes!

For those that haven't heard, the raffles at this year's event were to benefit Upstate Golisano Children's Hospital. We had donations of three models: a Banshee kit from Marty at MexAir R/C, a Night Visionaire BNF from Bruce at Walt's Hobby, and a Carbon Cub S+ RTF from one of our members. In addition to these model raffles, we also conducted three separate 50/50 drawings over the two days. In total we raised

\$1007 dollars for the charity! This was more than I expected we'd raise and I couldn't be happier to see it go to a deserving, local cause.

A final word about the Airshow and DII Fly-in. We had a few people from other clubs there helping us out. They didn't have to do it, but they wanted to help us and the CNY R/C flying community's profile by chipping in their time and effort to make the event a success. I don't know about you, but that's pretty inspirational to me. I will be making much more of an effort to help area clubs at their events, both by attending more of them and also by similarly chipping in some time to help make their events successful.

Then, just three weekends later, we hosted our annual STARS FPV Race Day. Steve Bellamy from FLX FPV managed to bring not just his crew, but also brought along people from the I-Town FPV group from Ithaca, SOS FPV, and a new FPV group forming up in the Syracuse area called Salt City Racing FPV. There 4 regional FPV clubs represented at the event, equipment from those four clubs allowing for a really amazing two track course setup (one track for beginners and the other for advanced pilots), and 16 registered pilots flying during the day. The enthusiasm these guys had for the hobby was amazing, as was their flying.

In just a few short years FPV racing, even in our relatively small corner of the country, has become quite a competitive (and fun!) discipline.

And all the pilots were thrilled to be flying at our site. I heard a great deal of praise for the condition of the grounds, the availability of power, and the overall high quality of our club's facilities.

Lastly, members, if you did not receive an email from me detailing a proposed amendment to our club constitution to implement a dues increase effective for 2020 then check your junk email folders. At the September meeting a vote was held to have the motion for a dues increase put on the October meeting agenda, which passed. Full details are in the email sent to club membership. If you did not receive it please get in touch with me as soon as you can

(paul.j@volcko.net, 315-708-2009). If you want to have your voice heard on the proposal, be at the October meeting. If you are an open member and want your vote to be counted on the matter, be at the October meeting.

Speaking of which, the next meeting is **October 9th, at 7PM at Walt's Hobbytown.**

In the meantime, hope that the Fall treats us well and gives us a lot of flying days before Winter hits.

See you at the field.

Paul Volcko
paul.j@volcko.net
315-673-7158

Secretary's Report: Jeff Wolsley

The September STARS regular meeting was called to order at 6:59 by President Paul Volcko. There were 16 Open members, 3 Associate members, 1 Youth members, 1 Guest in attendance.

Secretary's Report:

The Secretary's Report from the August meeting was accepted as published in the August Propwash. Motion to accept by Ed Nans and 2nd by Mike Graham. Carried. Ed said he loved the July issue of the Propwash.

Treasurer's Report: Herb Moore

The school taxes have been paid. The Airshow had a slight profit. Property taxes will be due in January 2020. Motion to accept the Treasury Report by Mike Graham and 2nd by Bob Rowe. Carried.

Correspondence:

Eric Williams, AMA DII VP, said that the STARS can receive a grant from the AMA to cover the spring flood damage at the field. The amount of the grant should just about cover our expenses.

Ted is stepping down as the head of the field committee. We need someone to volunteer for this position.

Committee Reports:

Field Committee: Paul Volcko for Ted

The field looks outstanding. The guys have really whipped the field into shape!

Ted is stepping down as the head of the field committee. We need someone to volunteer for this position.

Safety Report: Peter Seiffert

Minor stuff was reported at the Airshow. The club membership continues to be safe.

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

AMA Report: Phil Morgan

AMA election forms will be coming shortly. Please fill out your form and return it promptly.

The AMA website has information regarding FAA registration-
<https://www.modelaircraft.org/faa-uas-frequently-asked-questions>

The AMA registration label is available here:
<https://shop.modelaircraft.org/product/airplane-id-label-10pk/398?cp=true&sbp=false>

This is a 10pk of labels for 3.99.

Flight School: Bob Rowe

Fixed wing- One student still needs to qualify. They're ready, but the weather has not cooperated.

Heli flight- Paul Volcko. Going well. Not much multi-rotor activity this summer.

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.

Old Business:

New Shed: Paul Volcko

The shed project is nearly complete. There are just a few items left that will be complete in the next few days.

Big Bird Giant Scale: Phil Knapp

Nothing new to report.

Control Line:

[Mike O'Neil](#)- No report

Facebook:

STARS has a Facebook page. There are 118 members at this time. [Mike O'Neil](#) is the administrator.

--Continued next page--

New Business:

FPV Racing: Paul Volcko

FPV racing will be held September 21st. The rain date is September 22. Steve and Rich Bellamy will be running the event. There will be a basic and advanced course. Basic will run from 9:00 to 2:00. There will be timed events on the advanced course in the afternoon.

DII Fly In: Ed Nans and Paul Volcko

The 2019 DII Fly In/Airshow was marginally successful. Light attendance was reported for both days. There were 39 registered pilots. Food sales were good. There were 57 cars for paid parking. FLAPS, ARCS, and Mohawk Valley were there.

There was discussion at the meeting about possibly changing the date of the event from Labor Day weekend to earlier in August. This is to resolve conflicts such as the NYS Fair, vacations, college, etc., that may cut into show attendance.

Officer Nominations:

Nominations for STARS officers are now open. Nominations are due by the October meeting. You must be an OPEN member to become an officer. If you have an interest, you can contact one of the current officers or someone on the nominating committee. The nominating committee is [Peter Seiffert](#), [Herb Moore](#), and [Phil Morgan](#). Arrangements can be made to get you to OPEN member status for the election. The election will be held at the November meeting.

The current Officer slate is the same as 2019.

Dues Increase: Paul Volcko

A dues increase of \$10.00 across the board was discussed. The current dues are not covering the expenses. Some of the expenses discussed are:

Internet	Property and School taxes
Field Expenses	Insurance
Unexpected expenses	

Taxes are the biggest expense and increase annually. Right now there is nothing in reserve to cover an emergency expense, other than a member assessment. Food sales continue to generate revenue that helps cover some, but not all of the expenses or increases.

There was a lot of discussion on this matter regarding pros and cons of an increase. There was discussion of the possibility of scaling back or eliminating some items. A club share will remain \$160.00. A motion was made to

entertain an increase at the October meeting. The motion was made by Phil Morgan and 2nd by Skip Davis. 12 Yeas, 3 Opposed, and 1 Abstention.

Membership Renewal:

An email will be going out to notify everyone of the membership renewal. This is just a reminder that dues are due.

Walt's Secret Santa Sale:

November 3rd. Walt is still having the SSS, but will be over several weekends instead of just one day. The clubs will be there with their booths for a meet and greet on 11/3.

New Members:

New Associate member Brian Morse was voted in. He is a fixed wing pilot.

STARS Christmas Party: Phil Knapp

Planning has started for the party. The party will be 12/06 at RFH's. The menu will be the same. The form will be in the October issue of the Propwash.

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.

STARS Meetings at Walt's:

The regular STARS monthly meeting will be at Walt's Hobbytown starting in October until spring. Walt's is making their facilities available to us after normal business hours so we can hold our meetings there. We will be looking for a different meeting site for the 2020 fall/winter meetings.

Guest Columnist:

If you wish to submit a column of your own, please submit it to the Secretary. All submittals are subject to review by the Officers prior to publishing.

Adjournment:

The September regular monthly meeting of the STARS was adjourned at 7:36pm.

Secretary, Jeff Wolsley

Calendar of Events for September and beyond: *Editor's Note- Also*

watch your e-mail for sudden changes to events like cancellations or re-scheduling due to weather.

Sept. 7 ARCS/EAA Benefit luncheon for Jeff Dudden

Sept. 7 10:00-3:00 [Ithaca RCS Biplane Fly In](#)

Sept. 12-15 [Sky High Aero Tow](#)

Sept. 12-15 [NEAT Fair](#)

Sept. 21 STARS Annual FPV Race

Oct. 5-6 [Ringmaster Fly-A-Thon](#)

Oct. 11-13 [Black Dirt Squadron Aero Tow](#)

Oct. 26 [Sky Rovers Auction](#)

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

STARS Flight Schools- *It's never too late (almost) to join a flight school!*
2019 Flight Schools are coming to an end.

Fixed Wing Flight School – There were two qualifying students this season. Look for Fixed Wing flight school to return in 2020.

Heli Flight School starts at 5:00 on Tuesday nights. It runs every Tuesday, weather permitting, until October 8th. Informal sessions will continue until the weather prevents it.

Big Bird- Has finished up for the 2019 season. Thanks to everyone who attended. Big Bird night will return in 2020.

The indoor schedule for the 2019-20 season is starting up. This space will be updated as soon as more concrete information is available.

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- 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!!



Ringmaster Fly-A-Thon 2019



**The Brotherhood of the Ring is sponsoring its 12th Annual Fly-A-Thon event:
October 5th & 6th, 2019**

Matt Kania's beloved Ringmaster control line model has been built and flown by more modelers than any other control line model airplane!

This is not a contest! No registration is required. There are no entry fees or prizes! This Fly-A-Thon is to *honor* the most popular CL model ever!! Be part of something big and help make history by having more worldwide Ringmaster flights in a single weekend than last year's record of **5680** flights!

A record **655** different pilots participated!! **Goal this year is 6000+ flights by 800+ pilots!!**

This event is open to **all** participants **worldwide!**

On October 5th & 6th, we challenge you to fly any one or more of the many varieties of Ringmasters, old or new, and report your flights to: www.ringmasterflyathon.com

Deadline for reporting is 12:00 noon Eastern time (USA) Tuesday October 15th

Location: Wherever you are in the world!

Any Ringmaster from 1/2A to Giant and all variants in between can be flown.

Please report, how many total Ringmaster **flights** were made, how many different **pilots** flew, how many **different** Ringmasters flew and the **location** of these flights. Please feel free to include *lots of details* of your event as we plan to chronicle the Fly-A-Thon for future publication!!! If you get a new pilot to solo on a Ringmaster, that first flight will count as 2 flights!

**** A minimum of 5 laps is required to count as an official flight! ****

Let's keep the spirit of C/L alive!

Ok everyone! Just dig that old dusty Ringmaster from your attic and go fly it!

The results will be compiled and published by the Brotherhood of the Ring.

All questions should be directed to the primary contact: 2019flyathon@ringmasterflyathon.com

Rain/Wind/Flood/Conflict/etc. makeup weekend is October 12th and 13th

2019 Black Dirt Squadron Aerotow

178 Indiana Road, Goshen, NY

October 11, 12, 13, 2019

- 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
- Daily lunch available to purchase
- Primitive camping at the field starting Thursday night
- \$20 donation for one 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 all your unwanted treasures!



Photos courtesy of Jeff Duhaime

Syracuse Thunderbirds Aero Radio Society

Phoenix, NY

Charter 473



S.T.A.R.S. 2019 Helicopter & Multirotor Night

*All skill levels welcome, but must be an AMA member to fly
and provide your own outdoor capable Heli or Multirotor.
Build help and flight instruction available.*

**Tuesday evenings - April 16 to October 08
5PM until Dusk**

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



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 volt meter if unsure)?

Are all servo 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.



Hobby Warranty
Contact List 2016.xls

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-

New 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-

AMP'D- 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 club yahoo users group is:

http://groups.yahoo.com/grjwoup/stars_club_members/ (Don't forget to sign in)

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>

The Propwash News Letter is also available at YAHOO GROUPS. The current news letter and previous years/months are viewable and printable from there.

Please contact Mike Graham tanjmg82@aol.com to join the STARS Yahoo group. Send Mike an email asking to join from your preferred email account. Mike will then reply with an invite to join the group. The invitation contains the links and instructions necessary to join.



STARS Field Satellite photo

A satellite photo with the new shed is still not available



HOW DO I LEARN MORE?

Get ready to get schooled.

AMA Flight School is a free educational resource for anyone interested in unmanned aircraft systems (UAS) operation and model flying.

Designed to answer the question, "How do I...?", AMA Flight School provides information about topics such as:

- Battery and operational safety
 - Building your own multicopter aircraft
 - Travelling with your aircraft and batteries
 - Participating in the Search and Rescue challenge with UAS4STEM.
- Learn more at (www.uac4stem.org).

There's a great pilot in you.
Go find it!

www.amaflightschool.org



Welcome to the club.

The Academy of Model Aeronautics (AMA) is the largest model aviation organization in the world. At 175,000 members strong, we're standing behind you to give you the support and guidance you need to be successful and, most importantly, have a great time.

AMA members enjoy a suite of great benefits tailored to model pilots such as:

- Liability insurance
- Subscription to *Model Aviation* magazine
- Competition privileges
- Education and youth scholarships
- Flying site assistance

For more information, visit www.ModelAircraft.org.

THE MOST FUN YOU CAN HAVE (WITHOUT A LICENSE).

Flying is just for fun.

Currently, no individual or government agency may operate an unmanned aircraft system (UAS), commonly called a drone, in a commercial or public capacity without a Certificate of Authorization from the FAA.

Common examples of prohibited use include, but are not limited to:

- Real estate & wedding photography
- Inspection or surveying services
- Film or television production
- Search and rescue operations

Interested in commercial or public use flying?

There are options available to you through the Federal Aviation Administration (FAA).



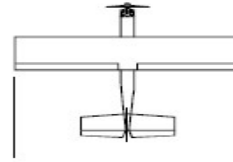
For more information, visit www.KnowBeforeYouFly.org.



WE'RE YOUR GUIDE TO RESPONSIBLE FLYING.

Flying guidance provided by the Academy of Model Aeronautics, the world's largest model aviation organization.

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.

5

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.

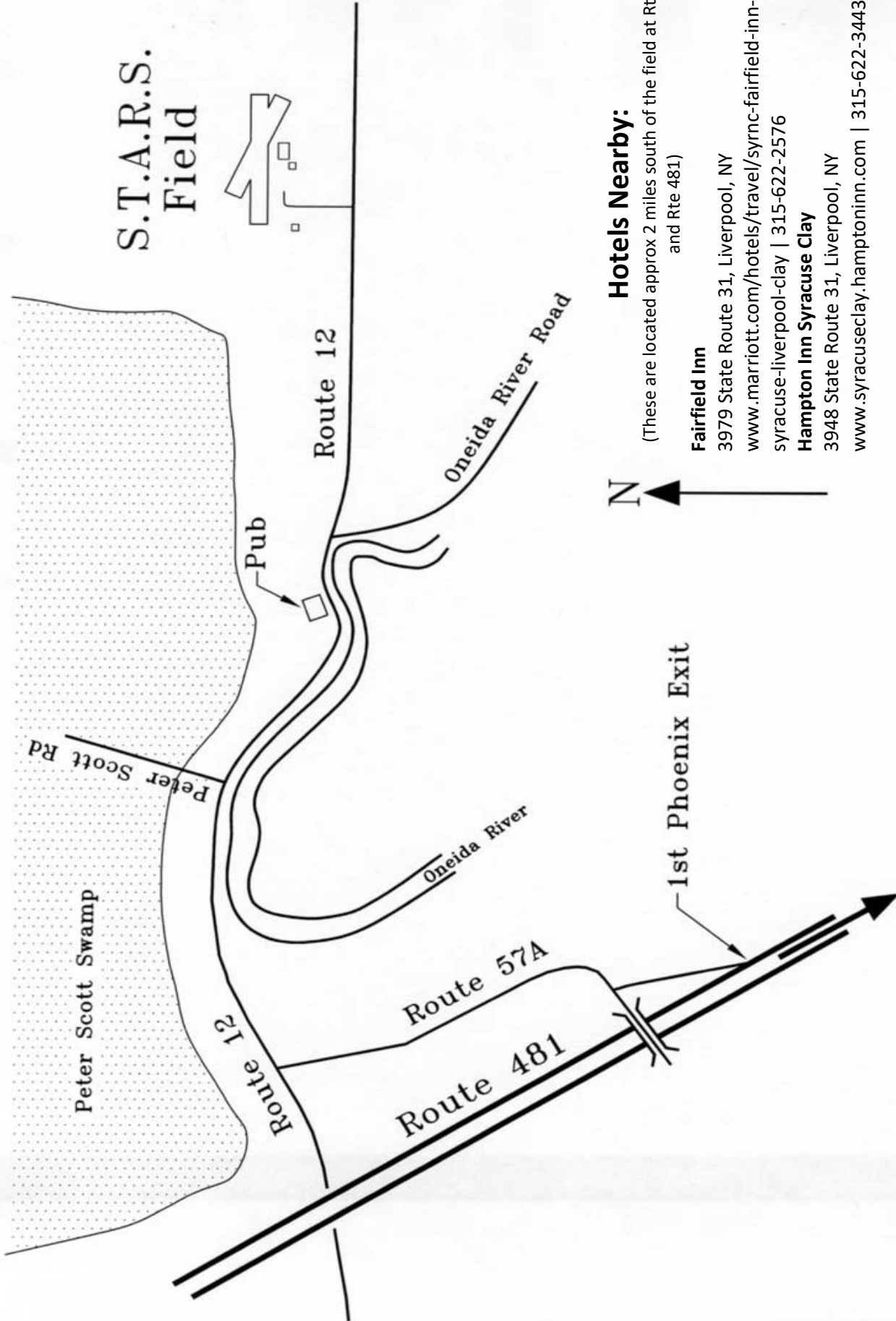
4. Replacement Courtesy:

- 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



Hotels Nearby:

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

Fairfield Inn

3979 State Route 31, Liverpool, NY

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

Hampton Inn Syracuse Clay

3948 State Route 31, Liverpool, NY

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

N43.23696, W76.24550

starsmap.dwg
rev 12 Feb 03

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



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