

Syracuse Thunderbirds Aero Radio Society

Plane Propwash

October 2019

Charter 473

The Next General Meeting will be November 13h, 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, November 13th, at 7:00. As a reminder, the meeting is always the second Wednesday of the month. This is the last meeting for 2019. The STARS meetings will be held at Walt's until spring 2020.

Dues Vote

Our 2019 flying season is wrapping up. We'll have some more good flying days, but the weather is starting to turn colder, more windy, and some fall rain has already graced us.

As most of us know already, the AMA has issued a call to action to the membership to write our congressional representatives and ask them to intercede on our behalf with the FAA.

The FAA, specifically the Air Traffic Organization within the FAA, announced their intent to promulgate new rulemaking that sets hard altitude limits on recreational R/C flying within controlled and uncontrolled airspace with no exemptions or waivers available for recreational flyers. This drastic change in course of policy is essentially tossing out all the hard work that has gone into establishing terms in Letters of Agreement between various AMA clubs and the FAA. It's also a reversal of FAA assurances to the AMA that they would not be seeking to negatively impact our flying or club operations. The limits being proposed are 400 feet (AGL) for those flying within controlled airspace (5 miles from a traffic controlled airport), and either 700 ft or 1200 ft for those flying within uncontrolled airspace (700 ft for those flying under a Class E traffic controlled shelf, which is what would apply to STARS, and 1200 ft for others).

You are highly encouraged to help lend your support and voice to the effort to get congressional support in making the FCC abandon this blanket, unfair policy initiative and get back on track working with the AMA. The AMA has provided a website to assist you in contacting your representatives at <https://www.modelaircraft.org/higher-flight>. There is further information on the FAA proposal, AMA's position on it, and their reasons for the call to action at <http://amablog.modelaircraft.org/amagov/2019/10/07/4029/>.

And in STARS specific news, at our October meeting, after a lot of discussion on the pros and cons of increasing member dues for 2020, a vote was conducted. The vote resulted in 9 yea votes and 10 nay votes. The motion, requiring 15 yea votes to succeed according to club by-laws, was unsuccessful and so our dues will remain unchanged in the coming year.

Some at the meeting noticed that I ended up voting against the motion and were no doubt surprised. I wanted to take a moment to explain my choice. When I suggested this motion be brought at the September meeting, I was sincerely in favor of it. I still believe the additional revenue would be very useful for any number of projects and improvements at the club, and would have been happy to implement it and work to find a useful avenue to use the money toward club improvement and increasing club membership. However, I was ultimately swayed to cast a no vote for two reasons. 1) We are in decent financial shape and without a specific purpose for the additional revenue raising the dues at this time is not necessary. If we raise dues, it should be for a specific ongoing cost increase that can best be addressed with a dues increase. 2) Raising dues may make recruiting new members more difficult. While certain improvements and associated dues increase may be acceptable to recruits, without those improvements being in place and the costs for it an established expense, it doesn't make sense to unnecessarily hurt recruitment efforts.

I want to thank everyone that participated in the discussion on this over the past few weeks and at the October meeting. I also want to thank all the open members that came to the meeting to cast their vote. There were some strongly held positions on this matter, but everyone was cordial to one another and all opinions had a fair chance to be voiced. It all helped

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2020 STARS dues are due. After the January meeting, there is a \$10.00 per month late fee. Dues can be sent to the Treasurer at any time. (Herb Moore 645 Gilbert Mills Road Fulton, NY. 13069)

me come to my decision on the matter and I hope it was useful to others, as well.

With this vote concluded and a decision made, members are encouraged to get their 2020 renewals in. A renewal form will be being sent out to the membership via email, soon, to help in this process.

Lastly, the signup form for our annual Christmas party has been emailed to the membership and is available on our website. This is a great opportunity to socialize with members outside of the club environment and help celebrate a great year of accomplishments for the club. Please return your signup form and payment to Phil Knapp at the next meeting or mail it to him at the

address provided on the form. Mailed in signups should be sent to Phil by November 25th, at the latest.

The next meeting is November 13th at Walt's and is the last of the year. Officer elections will happen at that meeting, the slate of nominees (all currently serving officers in their current positions) having been presented by Peter Seiffert at our October meeting.

Get out and fly! There are not too many nice days left in this flying season.

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

Secretary's Report: Jeff Wolsley

The October STARS regular meeting was called to order at 7:00 by President Paul Volcko. There were 21 Open members, 4 Associate members, 0 Youth members, 0 Guest in attendance.

Secretary's Report:

The Secretary's Report from the September meeting was accepted as published in the September Propwash. Motion to accept by Peter Seiffert and 2nd by Gary Natali. Carried.

Treasurer's Report: Herb Moore

The Treasurer reported that all bills are current. The end of flying season expenses are mostly in. The treasury is in good shape at this time. Motion to accept the Treasury Report by Peter Seiffert and 2nd by Mike Graham. Carried.

Correspondence:

None reported.

Committee Reports:

Field Committee: Ted Anderson

The winterization process has been started. Ted gave a full breakdown on the field equipment status. The field will continue to be cut, weather permitting. The last mowing will be early November.

A much deserved THANKS was given to Ted by the membership in attendance for his leadership of the Field Committee.

The Field Committee is seeking a new leader. If you are interested, please see one of the officers.

Safety Report: Peter Seiffert

No issues to report at this time.

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

AMA Report: Phil Morgan

Leader member letter regarding the FAA trying to limit flying to 400ft. Some locations may be allowed to 700ft-1200ft. The STARS would be limited to 700ft. The control space is considered to be within 5 miles from an airport. Uncontrolled space is anything beyond 5 miles.

There will be no waiver or exception under the proposed limit.

The FAA information can be found here-
https://www.faa.gov/uas/recreational_fliers/

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

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

The AMA provided a form letter that can be modified and sent to your government representatives. They also provided the email addresses for your reps.

The AMA website has information regarding FAA registration-
<https://www.modelaircraft.org/faq-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

Wrapped up for the season.

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

Flight schools will be back in 2020.

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 is open for business at this time. The project is now considered complete. Thanks for all the hard work to everyone that participated in the construction and completion of the shed.

Big Bird Giant Scale: Phil Knapp

Wrapped for the season. See you again in the spring.

Control Line: Mike O'Neil

Mike reported the Ringmaster event netted 10 CL pilots, including those that came from the Finger Lakes and Rochester clubs. A good time was had by all who attended.

Facebook:

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

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New Business:

FPV Racing: Paul Volcko

FPV racing happened as planned. There was great pilot turnout. The event went slightly overtime. Thanks to Steve and Rich Bellamy for running the event.

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
Peter Seiffert- Safety Officer

The election will take place at the November meeting.

Dues Increase: Paul Volcko

A dues increase of \$10.00 across the board was put fourth for vote. Following a successful vote, there will be an amendment to the bylaws noting the increase. The dues increase will be seen for 2020.

Items for consideration to support the increase-
Taxes are the biggest expense and increase annually.

An argument against the increase was made regarding the aging membership. Keeping the dues where they are now makes the club more attractive to a prospective member. Also more and more park flyers are bypassing the club experience and going it on their own. This is also affecting AMA membership. It was also debated as to the actual need for the internet outside of the web cameras.

An argument for the increase was made to help fund upkeep of the existing equipment and the buildings. We rely on the current dues to cover those items. We've recently added a new building, a bigger mower, and haven't really put anything aside for the existing club house.

Internet access-

Currently the club is using Dan Williams internet connection. The service is down quite frequently. Internet access is important to the field for the cameras and for downloading instructions, and equipment updates. Members in attendance that travel a long way to the field often consult the web site to get an update on the current conditions before heading out. Some of the flyers are updating settings on their equipment at the field in response to flying issues or hardware updates. Also an improved internet would allow for greater FPV use.

Direct internet access is about 70.00/month. Currently the only other monthly bill the STARS incurs is for electricity.

Phil Morgan made the motion to increase the dues by 10.00. The motion was 2nd by many. The vote was tallied-

9 yea, 10 nay. 2 abstentions. Motion failed. Dues remain the same for 2020.

Membership Renewal:

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

Walt's Secret Santa Sale:

November 9, 16, and 23rd. 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 on November 16th for a meet and greet on 11/23. The STARS theme this year will be just RC stuff. Please bring what ever you like to fly.

New Members:

No new members to vote on.

STARS Christmas Party: Phil Knapp

Dec. 6th at RFH's Hideaway. There is a link on the website. The menu is the same as last year. Phil Knapp will accept forms at Walt's Secret Santa Event. Please get the forms back to Phil by 11/25 at the absolute latest. Flowers will be provided to the ladies in attendance.

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 October regular monthly meeting of the STARS was adjourned at 7:52pm.

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.

November 2- Flying Dutchmen Swap Meet
(Flyer attached)

November 9- Walt's Hobbytown Secret Santa Sale

November 16- Walt's Hobbytown Secret Santa Sale

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

November 16- STARS at Walt's Secret Santa Sale

November 23- Walt's Hobbytown Secret Santa Sale **Last day.**

December 6- STARS Christmas Party at RFH's Hideaway

STARS Flight Schools- *Now it's too late to join a flight school!*
2019 Flight Schools have come 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!!





the Flying Dutchmen

SWAP MEET

and Auction!!

Saturday, November 2, 2019

RC Aircraft, Cars, Boats and more!

St. Gabriel the Archangel Church

One mile from NY State Thruway exit 25

Nearby Lodging, Restaurants, Entertainment

3040 Hamburg Street Schenectady, NY (Rotterdam, NY) 12303

Breakfast, Lunch, Refreshments

All Model Items are Welcome



Call today to reserve tables!!

Vendors setup 7:00 AM General Admission 9:00 AM

70 tables available

Auction starts at 11:30 AM

contact Ken Brockway 518-237-1079 email WB2TDG@aol.com

Syracuse Thunderbirds Aero Radio Society
Phoenix, NY
Charter 473

STARS Annual Christmas Party

Date: Friday, December 6, 2019

Where: RFH's Hideaway Restaurant

Time: 6:00PM for drinks and socializing, dinner at 7:00PM

MENU CHOICES:

1. Broiled or Fried: Seafood Dinner (Haddock, Scallops & Stuffed Shrimp,
Without Lobster) \$25.00
2. Prime Rib Dinner, 12oz.cut \$25.00
3. Chicken Parmesan Dinner \$20.00

ALL Dinners include: Salad Bar, Buffet, Baked Potato, Rolls & Butter, Dessert and Coffee or Hot Tea.
The prices above include Sales Tax and Gratuity.

I would like to ask everyone planning to attend, to please mail or bring your dinner choices and your checks to Phil Knapp by November 13th at the STARS club meeting. Responses must be received no later than November 25th. If you wish to mail your choice(s) and check, Phil's address is: 17 Finch Path, Liverpool, NY, 13090.

Please make checks payable to S.T.A.R.S. Thank you.

..... Return with your payment.

I, _____, will attend the 2019 STARS Christmas party.

No. of guests: _____

My dinner choice is: (Please circle your choice) 1 2 3

Guest's dinner choice is: 1 2 3 1 2 3 1 2 3 1 2 3

Total amount enclosed: \$ _____

Don't forget to bring a gift to exchange, if you wish. It is suggested that the value not exceed \$10.00.



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/tjinguotech/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.

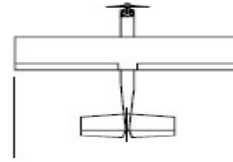
Please contact Mike Graham tanjmg82@aol.com to join the STARS Yahoo group. Send Mike an email asking to join from your preferred email account. Mike will then reply with an invite to join the group. The invitation contains the links and instructions necessary to join.



STARS Field Satellite photo

A satellite photo with the new shed is still not available

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.

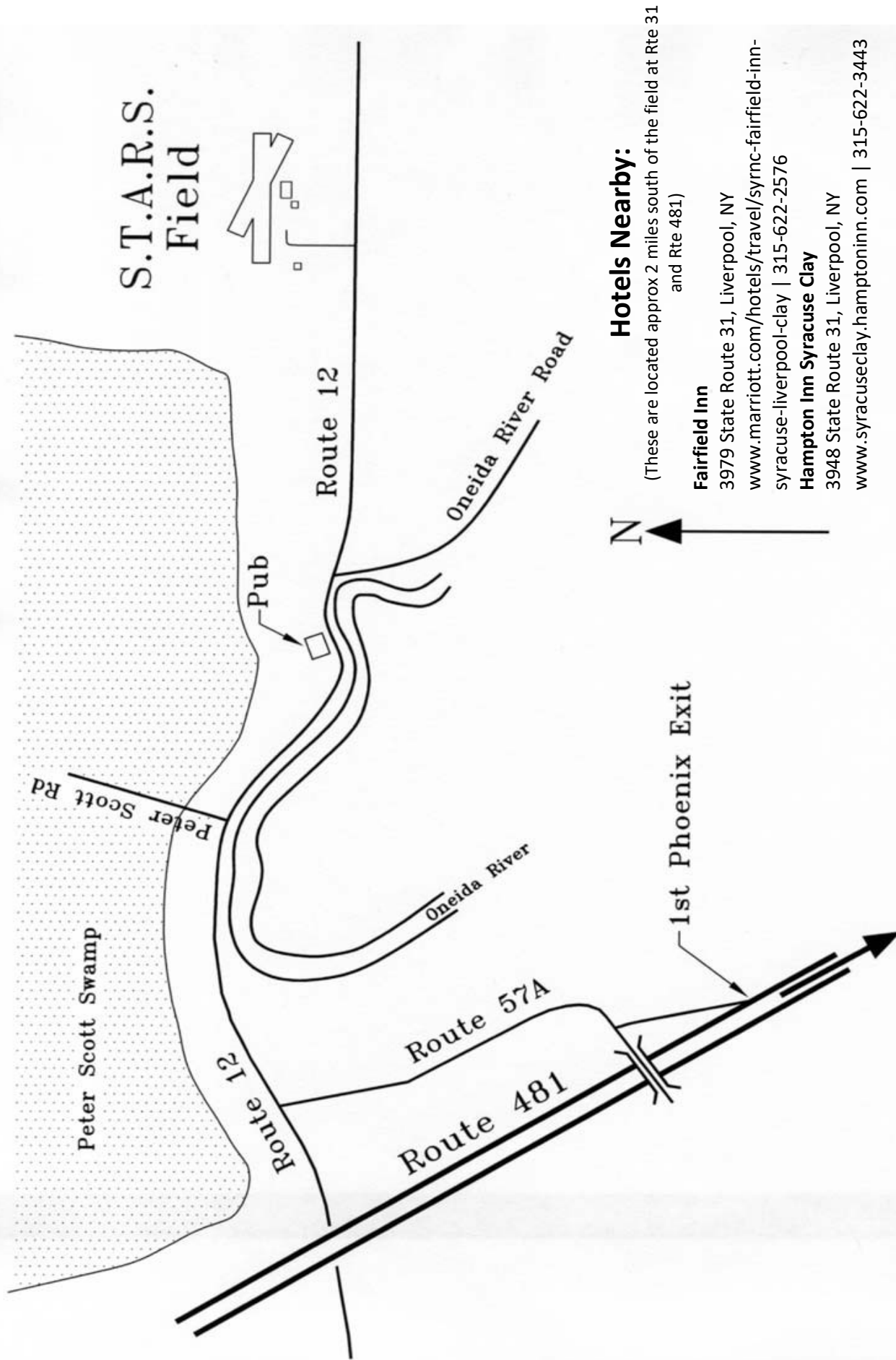
4. Replacement Courtesy:

- 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

Oneida River

Route 57A

Route 481

1st Phoenix Exit

N

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

