

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



November 2019

Charter 473

The Next General Meeting will be January 8th, 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, January 8th, 2020, 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.

2019 Becomes 2020

Thank you to all the members for helping to make this such a successful year. From tackling field repairs and re-leveling, to putting on several events including the 2-day combined annual Airshow and District II Fly-In event, to dealing with flooding and beaver dams; the club faced some significant challenges this year and succeeded in overcoming them.

And once again, on behalf of the club, thank you to ARCS, FLAPS, and OVM for your offers to our members to use your fields at points throughout this year.

We have not been tapped for hosting the District II Fly-In this coming year, so we will be back to our normal Airshow event in 2020. One proposed change appears to have broad support and that is switching the day of the Airshow event to sometime in mid to late Summer, prior to the Labor Day weekend. We will be discussing that and setting the dates for all of our events early in the new year.

There are some by-laws changes that will be discussed and voted on in the coming months. Top among those ideas is adding a proxy voting provision so we can get broader member participation in major votes. This is

particularly desirable during the offseason when many members are out of state or less able to attend meetings, and also happens to be when many income and expenditure related matters for the coming year are discussed and decided.

December 21st is on a Saturday this year, so we will be having more of a public event for our annual, low key First Day of Winter Fun Fly. Official time is 11AM-4PM, but as long as the weather is decent I expect people will be there earlier in the day. Keep an eye on the cameras! Free lunch will be provided. Open flying, AMA required. Hoping for good weather and a great turnout!

And of course our annual STARS Auction at Walt's Hobby will be on January 24th, details to follow.

The Model Aircraft Forum organizing committee is ramping up their planning. A date has not been verified yet, but be looking for flyers and information to circulate in January. If you'd like to be involved with organizing the event, putting on a presentation, or have some ideas for the event please get in touch with Herb Ziegler (HERBZ1957@YAHOO.COM) directly, or you can contact me (president@amadistrictiistars.org) and I'll pass them along. - Continued next page-

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)

Lastly, membership renewal time is upon us. Many of you have already renewed your STARS memberships and I thank you. Open members need to renew by January or else risk incurring late renewal penalties (contact Herb Moore if you need an extension). Associates can renew at any time without penalty. Keep in mind, AMA memberships need to be renewed too. If your AMA

membership is expired when Herb processes your club renewal, there may be a delay in your receiving the 2020 membership card and club lock code.

That's all for now. Happy Holidays to you all! Goodbye, 2019. Welcome, 2020!

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

Secretary's Report: Jeff Wolsley

The November STARS regular meeting was called to order at 7:01 by President Paul Volcko. There were 14 Open members, 4 Associate members, 0 Youth members, 0 Guest in attendance.

Secretary's Report:

The Secretary's Report from the October meeting was accepted as published in the October Propwash. Motion to accept by Ed Nans and 2nd by Mike Graham. Carried.

Treasurer's Report: Herb Moore

The treasury is in good shape at this time. Dues are coming in. Motion to accept the Treasury Report by Ed Nans and 2nd by Bob Rowe. Carried.

Correspondence:

Yahoo Group is closing. The files from the site have been backed up. Paul V. will add the files to the STARS web site over the winter.

Committee Reports:

Field Committee:

The field has been winterized. The beaver situation has been slowing. Trapping begins tomorrow. Next spring will begin with beaver control. The neighbor is on board with our efforts to control the beavers.

Safety Report: Peter Seiffert

No Peter to report any issues. It was noted that this year was especially safe.

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

Fixed wing wrapped up for the season with the Schmidt's earning their wings. Congratulations!

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'Neill

Mike reported that there are several vintage and classic control line kits on his website under the STORE tab-
<https://www.flyboyzblog.com>

Facebook:

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

New Business:

Officer Elections: Phil Morgan

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 poles were closed and the Secretary cast the vote certifying the slate of officers. --Continued next page--

Membership Renewal:

The email has gone out notifying everyone of their membership renewal. This is just a reminder that dues are due. Several received their AMA membership cards today (Day of the meeting)

Waltø 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:

New Associate member Mike Mueller was voted in. Mike is a fixed wing pilot.

STARS Christmas Party: Phil Knapp

Dec. 6th at RFHø Hideaway. There is a link on the website. The menu is the same as last year. Phil Knapp will accept forms at Waltø 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.

First Day of Winter Fun Fly:

The STARS will have the annual First Day of Winter Fun Fly on Saturday, December 21st, at the STARS field.

There will be pizza, water, and soda available for the participants. 11:00 is the start time and will run until 4:00.

Club Hat Order:

Bob Rowe mentioned that anyone interested in a new STARS Club Hat can pick one up at Papaø 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 Waltø:

The regular STARS monthly meeting will be at Waltø Hobbytown starting in October until spring. Waltø 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 November regular monthly meeting of the STARS was adjourned at 7:17pm.

Secretary, Jeff Wolsley

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

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

November 16- STARS at Waltø Secret Santa Sale

November 23- Waltø Hobbytown Secret Santa Sale **Last day.**

December 6- STARS Christmas Party at RFHø Hideaway

December 21- First day of winter fun fly, STARS Field 11-4pm.

January 24th - STARS Auction at Waltø

June 26-27- [Warbirds Over Chenango Bridge](#)

August 7-9 ó [Festival of Giants](#)

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

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

2019 Flight Schools have come to an end. See you at the 2020 Flight Schools.

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

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 up and running.

[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!!



Jim Carr from the Binghamton Aeros sent this Christmas card to the STARS wishing us a Merry Christmas and a Happy New Year!



S.T.A.R.S.

1st Day of Winter

Fun Fly



When?

**Saturday, 21 Dec 2019
11 AM to 4 PM**

Where?

**S.T.A.R.S. Field in Phoenix, NY
(See map on back)**



Admission: *NONE*

Open Flying - fly when you are **warm enough!!
Heated, enclosed pavilion, and power available for charging
batteries.**

Lunch will be served.

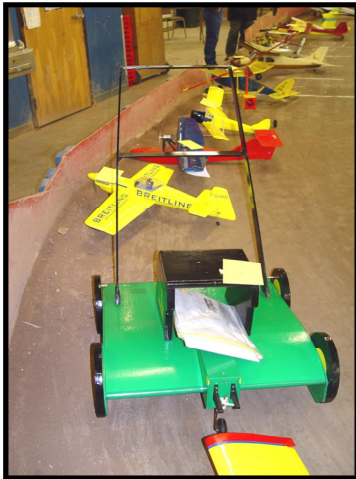
Come fly the Winter Solstice with us!

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



S.T.A.R.S.

Auction 2020



When?

Friday, 24 January 2020

5 PM to 9 PM

Bidding starts at 6:00 PM

Where?

Walt's HobbyTown

No Admission Fee!!

Only Modeling Aircraft and Related Items will be Auctioned

10 % Commission will be charged on all Sales

Sellers will not be permitted to bid on their own Equipment

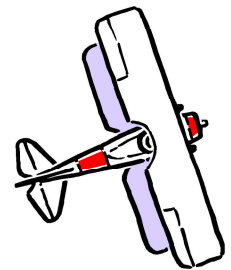
A Minimum acceptable bid will be required on each item up for Bid

5:00 PM to 6:00 PM — Setup and Preview

Auctioneer: Phil Morgan

For more information, contact:

Phil Morgan: 315/457-3674









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.**

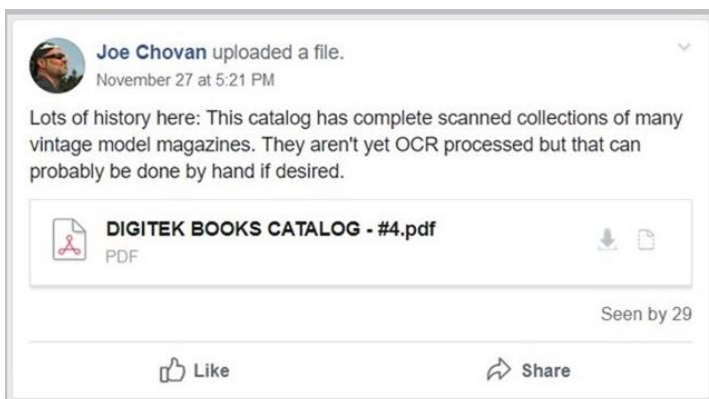
FOR SALE:

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

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 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-

AMP- 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.

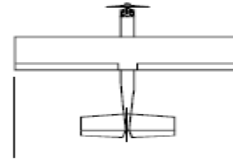
Please contact Mike Graham tanimg82@aol.com to join the STARS Yahoo group. Send Mike an email asking to join from your preferred email account. Mike will then reply with an invite to join the group. The invitation contains the links and instructions necessary to join.



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.

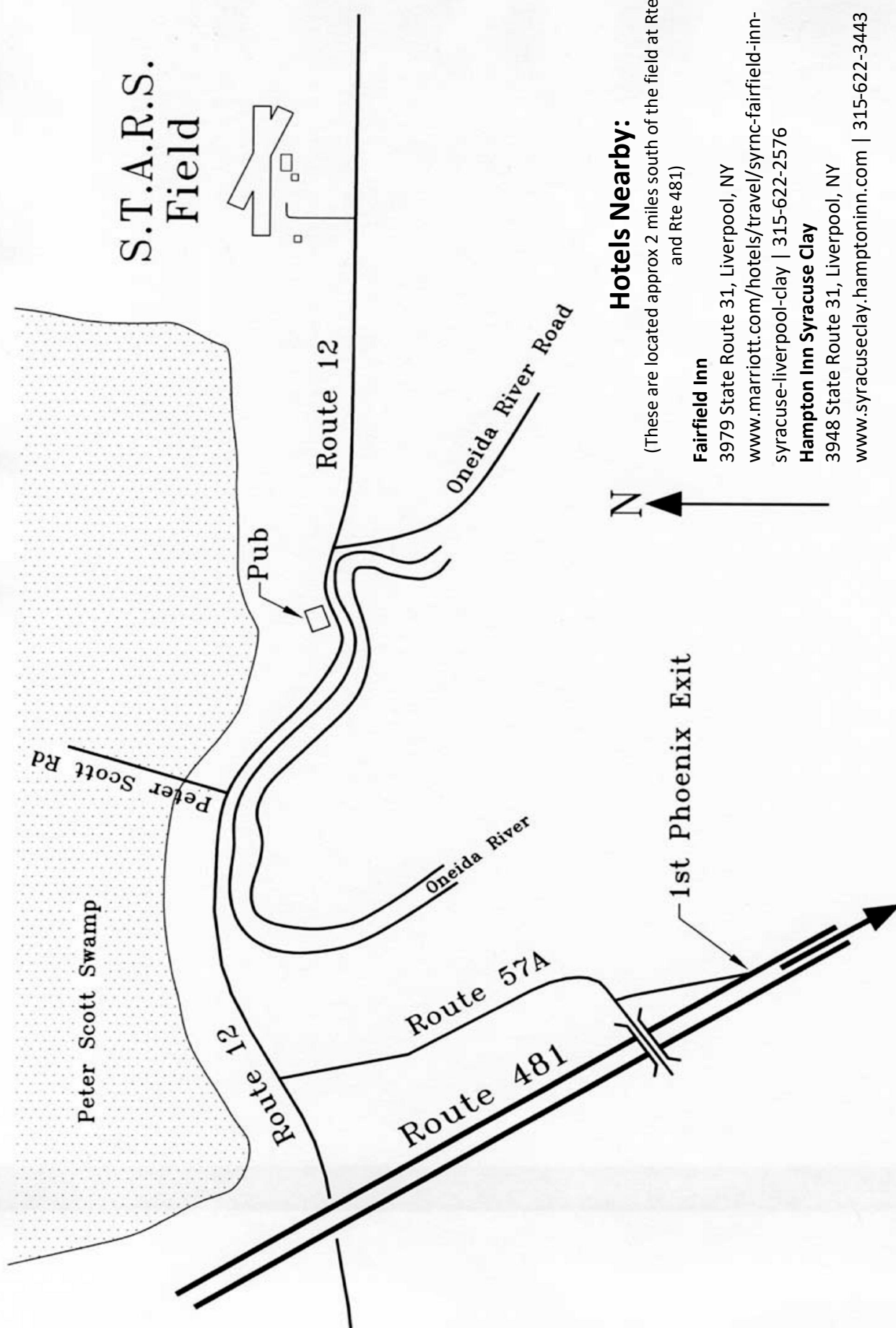
4. Replacement Courtesy:

- 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



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