

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



January 2020

Charter 473

The Next General Meeting will be February 12th, 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, February 12th, 2020, at 7:00.
As a reminder, the meeting is always the second Wednesday of the month. The
STARS meetings will be held at Walt's until spring 2020.**

A Sad But Fond Farewell

It has been a very eventful several weeks since the last issue of Propwash and since our January 2020 meeting.

We had a great Christmas party in early December. Those in attendance enjoyed the company of fellow members and their families, as well as some invited guests. Then later in the month, after Christmas, the FAA gave us all a gift by announcing and publishing the notice of proposed rulemaking for Remote ID for UAS (remote control drones and models between .55lbs and 55lbs). This, of course, kicked off a flurry of reading and commentary online and within AMA leadership. AMA's response to the proposal, being so broad in scope and impacts, is actually still being fleshed out. AMA is not alone, as EAA, AOPA, and hobby industry companies are all still rolling out commentary and analysis.

At our January meeting, we tackled a few big topics. First we set most of the dates for our 2020 event calendar. Flyers will be made up, event listings posted, and sanctions filed for well in advance of events this year. This should allow us ample time to advertise and plan for the events, as well as allow us to work around the event schedule for any work that is done to the field this year.

Field drainage and leveling was the second major topic of discussion. Bob Rowe volunteered to head up the effort and Josh Weaver has signed on to help out. This will be a big undertaking and will be calling on members to supply certain tools and

equipment (if they have them or access to them) and to help out at work days at various times throughout this year to get things back in shape. We'll be tracking expenditures on the project as well, so we can file for a field improvement reimbursement grant from the AMA at the end of this year.

The meeting was ended with the issue of proxy voting. The plan initially was to ask those present if they thought proxy voting was a good idea and to put forth an amendment motion if it was deemed a good idea to allow it. However, in researching what the proxy voting amendment would have to look like given that the club is a corporation with ownership shares and not just a simple association of people voting at meetings, I discovered that New York State business law has provisions in it for proxy voting already.

Our club, being a corporate business in NYS, has actually always had proxy voting rights for its share holding members. This has been an oversight for some time now. So, the issue at the meeting was no longer if we would allow proxy voting, but rather how to tailor a proxy voting by-laws amendment so that some of the default allowances in NYS business law could be made to work with our particular corporate charter and its rules on share ownership and voting rights.

As required in our by-laws a motion for this amendment vote was made and it carried, so this is notice that at our February meeting we will hold a vote on the Proxy Voting by-law amendment.

- *Continued next page* -

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

The details of the proposed amendment can be read later in this issue. If anyone has questions on it or the language please reach out to me.

Lastly, at the January meeting, there was a noticed absence. Peter Seiffert was at home recovering from abdominal surgery. So we didn't get to get hear if he had any corrections for the [Propwash] Secretary's Report or if he was going to make a motion to accept as submitted. And we didn't hear if there were any club safety issues he wanted to highlight. Nor did we get his report on the AMA or his take on the Remote ID proposal.

However, some members were in contact with him as he recovered and all reports were that he was doing well. Then on Wednesday, January 15th, a week after the meeting, Peter's wife, Barb, called a couple of us and told us the horrible news: Peter suffered a heart attack while at home and had passed away on the day before, Tuesday, January 14th.

Secretary's Report: Jeff Wolsley

The January STARS regular meeting was called to order at 7:00 by President Paul Volcko. There were 12 Open members, 4 Associate members, 0 Youth members, 0 Guest in attendance.

Secretary's Report:

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

Treasurer's Report: Herb Moore

Dues are coming in. Oswego county property tax is due. There are approximately 10 open members with outstanding dues. Motion to accept the Treasury Report by Dan L. Williams and 2nd by Mike Graham. Carried.

Correspondence:

Walt is restocking inventory. A new fuel order is coming in soon. Crops America lease renewal is coming up.

Committee Reports:

Field Committee:

Paul spoke for Bill Whittaker- The mower reels need to be sharpened and adjusted. This project will start in March.

Safety Report: Peter Seiffert

No Peter to report any issues. Membership in attendance didn't have any safety related issues to report.

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

AMA Report: Phil Morgan

No Phil to report. Paul provided info on the on-going FAA interference with our hobby- Remote ID Requirement.

Services were held on the 19th, where those in attendance got to hear many stories about Peter from his family, learn even more about how he positively impacted those who found themselves in his orbit, and help celebrate a life well lived.

Peter, you will be sorely missed.

In the coming weeks, we will be working with his family to find a way to honor Peter's memory. Details to come.

I look forward to seeing you all at the STARS Auction on the 24th, 5-9PM at Walt's Hobby and at our next meeting on February 12th, 7PM also at Walt's Hobby.

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

See Paul's comments in the editorial immediately after the meeting minutes. March 2nd is the deadline for comments to the FAA.

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

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

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 flight School starts April 23, 2020 with aircraft inspection at the preflight workshop. Classes start 05/07 and run until 09/03.

Heli flight school starts 04/14 thru 10/06.

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:

Big Bird Giant Scale: Phil Knapp

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

Control Line: Mike O'Neill

Mike reported at the November 2019 meeting 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:

STARS By-Law Amendment Proposal:

Paul proposed an amendment to Article 12 of the by-laws to allow proxy voting. Our club is required to have proxy voting under the NYS law that we are incorporated under.

Paul provided a handout of the Sect. 12 change to the membership in attendance and read aloud the proposed amendment.

Motion to vote on the amendment at the February 2020 STARS monthly meeting was put forth by Bob Rowe and 2nd by Mike Graham. The Open members voted unanimously to have the vote at the next meeting.

See the full text of the proposed amendment after Paul's editorial, in this Propwash.

New Members:

No new members proposed.

Long Term Projects:

A list of long term projects was proposed for consideration by the Board of Directors.

Field drainage
Leveling

Bob Rowe volunteered to lead a group in the restoration of field the field drainage and leveling. Drainage issues will be tackled first. There is an AMA grant available to help defer some of the cost of the improvements.

Paul proposed an amendment to Article 12 of the by-laws to allow proxy voting. Our club is required to have proxy voting under the NYS law that we are incorporated under.

Paul provided a handout of the Sect. 12 change to the membership in attendance and read aloud the proposed amendment.

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 January 2020 regular monthly meeting of the STARS was adjourned at 7:40pm.

Secretary, Jeff Wolsley

Paul Volcko Editorial on FAA Proposed Remote ID Requirements-

Hello,

As most of you are aware by now, the FAA announced a proposed rule for implementation of Remote ID on small UAS back on December 26th. This is a proposed rule, not the final rule. But the time to make your voice heard and to get changes made to this rule is now.

The proposed rule is available here:

www.federalregister.gov/documents/2019/12/31/2019-28100/remote-identification-of-unmanned-aircraft-systems

This would apply to all R/C flying models and drones, recreational and commercial, weighing between .55lbs and 55lbs, just like the registration/marketing and altitude limit rules previous to this.

Since this rule was published the AMA, EAA, AOPA, various drone specific organizations, as well as commercial interests have been pouring over the document. Normally we would have had strong guidance from the AMA shortly after this proposal was published in the federal register, but due to the scope and complexity of the provisions of this proposed rule it has taken substantially longer than normal to come up with responses on the major issues.

AMA initially released a template that covered only a few of the issues of the proposed rule, which is why I have held off on suggesting to our club's members to use the template to submit a comment. However, today AMA did come out with additional templates which cover other major issues. I believe that their guidance through these templates is now substantial enough to be used for writing up your comment(s) on this proposal.

The AMA guidance, templates, and link to the comment submission site are located here:

amablog.modelaircraft.org/amagov/2020/01/20/submit-a-formal-comment/

I do not know if AMA will be providing additional templates in the future. Given the complexity and scope of this proposal by the FAA, it is quite possible that AMA will find additional areas ripe for comment. So I suggest to check back at that site weekly, even after you submit a comment, to see if additional templates or issue areas are posted by AMA. You are allowed to write multiple comments. So if you wish to break up your thoughts into more manageable chunks for FAA review, you can do so. If you want to submit one comment per AMA template you can. If you want to combine the contents of the three templates, and perhaps additional content, into a single comment you may. If you find that there is an area you missed in a previous comment that you'd like to comment on, you are encouraged to do so through a follow up comment.

If you will be using these or any other templates I **strongly suggest** that you do not use them 100% verbatim. In particular at least the opening paragraph of your comment should be tailored to you personally. The FAA responds better to data, facts, and statements of either personal impacts or impacts that you have first hand knowledge of, than copy and paste comment campaigns. By modifying or writing an opening paragraph on your own, you make your comment stand out as unique when they are reviewing.

AMA and EAA (and likely others) have already submitted official requests to extend the comment period on this proposal, but as of right now the deadline to submit comments is **March 2, 2020**. Make sure to submit your comment(s) by this deadline, unless you hear from AMA or in a club email that the deadline has been extended.

Some are opting to also write congressmen, senators, and the President about this FAA proposal to request their attention and assistance in getting the FAA to dial back the impact on the recreational R/C flying community. The AMA is not yet requesting this action, but if you'd like to take that additional step it certainly wouldn't hurt. The AMA government affairs team did describe in a recent blog post that they have begun meeting with congressmen and senators about this FAA proposal

[\(amablog.modelaircraft.org/amagov/2020/01/20/government-affairs-update-1-20-2020/\)](http://amablog.modelaircraft.org/amagov/2020/01/20/government-affairs-update-1-20-2020/) and that they will likely be making a request to contact representatives at some point in the near future.

AMA is asking that if you know of any non-modelers who may be impacted to ask them to submit a comment too. For instance, if you know any teachers or educators that have seen the benefit of R/C flying, see if they'd be willing to write a comment. Maybe get family members to write and submit a comment.

Lastly, at our January meeting I said I'd be posting up my notes on the proposed rule and the text of my comment. I am finishing reading the proposal and making notes, and will be writing my comment this week. When I have submitted my comment, I will send the notes and comment text along in another club email. If you want to discuss this request by the AMA, the proposed rule, or comments please feel free to reach out to me.

Thank you,

Paul

315-708-2009 / paul.j@volcko.net

Motion to amend the article 12 of the STARS By-Laws to implement proxy rights for shareholders. The changes proposed are:

Current

ARTICLE 12 - ABSENTEE BALLOTS

Absentee ballots may be accepted on motions as called at any regular meeting under the condition that all ballots not received shall count as negative (nay) votes and that the sum of all ballots cast by those members attending (aye, nay and abstain) plus the absentee ballots shall equal the membership roll at the time the meeting began. Absentee ballots shall contain a statement of the motion being voted on, dated signature of the member and the members vote. If a ballot is declared void, it shall be counted as negative vote (nay).

Proposed

ARTICLE 12 - ABSENTEE BALLOTS AND PROXY

Section I

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Section II

Proxy rights of members will follow applicable New York State Not-For-Profit Corporation Law, except as noted here-in:

- (a) A Proxy may only be granted by a club shareholder to another club shareholder, and may be revoked at any time, by the granting shareholder, for any reason, prior to the proxy being exercised.
- (b) A Proxy shall be immediately and automatically revoked should a proxy holder's club membership be terminated, should he resign, or otherwise lose their shareholder status in the club.
- (c) No proxy shall be valid after the expiration of eleven months from the date thereof.
- (d) A Proxy may, but need not, be limited to a specific vote, issue, or matter.
- (e) The authority of the holder of a proxy to act shall not be revoked by the incompetence or death of the shareholder who executed the proxy unless, before the authority is exercised, written notice of an adjudication of such incompetence or of such death is received by an officer or director present at the proxy act.
- (f) Ownership of a share cannot be transferred, including by declaration of a proxy, or as a condition for proxy, in accordance with Constitution Article 3 Section III.
- (g) Any shareholder present at a proxy act may question the validity of the proxy authorization. The officers and directors present will, by majority vote, decide on the validity of the proxy authorization. Tie votes shall be considered to be in favor of a finding of the proxy authorization being valid.
- (h) A shareholder shall not sell his vote or issue a proxy to vote to any person for any sum of money or anything of value.
- (i) The following shall constitute the valid means by which a shareholder may grant proxy authority:
 - (1) A shareholder may execute a writing authorizing another shareholder to act for him or her as proxy. Execution may be accomplished by the shareholder or the shareholder's authorized agent by signing such a writing or causing his or her signature to be affixed to such writing by any reasonable means including, but not limited to, by facsimile signature. Any copy, facsimile, or reliable reproduction of the writing may be used in lieu of the original writing, provided that such reproduction shall be a complete reproduction of the entire original writing.
 - (2) A shareholder may authorize another shareholder to act for him or her as proxy by electronic transmission, including electronic mail, or printed copy of electronic transmission, provided such information is included in the transmission that it is reasonably determined that the transmission was authorized by the shareholder.

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

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

January 24- STARS Auction at Waltø

March 1- STARS Snow Fly

March 14- Model Aircraft Forum

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

July 11- STARS HeliJam Rain date is July 12

August 7-9 ó [Festival of Giants](#)

August 15 ó NEW DATE STARS Airshow

Aug. 16 rain date

Sept. 12- STARS Quad FPV racing

Oct. 3- Ringmaster Fly-a-thon

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 – Preflight workshop/inspection 04/23.. Classes start May 7 and run thru September 3rd.

Heli Night – Classes start April 14 and run thru October 6th.

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 Waltø during normal business hours. Flying ends 1/2 hour before closing time. \$5.00 landing fee. Please contact Waltø 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!!





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

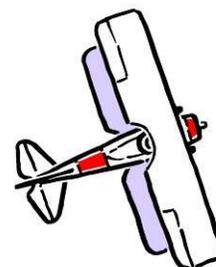
A Minimum acceptable bid will be required on each item up for Bid

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.

Annual 2020 Snow Fly



When?

Sunday, 01 March 2020

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.

Power available for charging batteries.

Lunch will be served.

Come and fly all day!



For more information, contact:

Paul Volcko, President: 315/708-2009



Sponsored by the Syracuse Thunderbirds Aero Radio Society, Inc.



Aero Radio Club of Syracuse
Syracuse Thunderbirds Aero Radio Society
Central New York Indoor Flying Society
Camillus Indoor Aviators
Finger Lakes Air Pirates



Jointly Present the 24th Annual

MODEL AIRCRAFT FORUM

and Electric Fly-In

[Swap Shop, too!]

Saturday, March 14, 2020

9 AM to 3 PM

at

Syracuse Academy of Science Charter School

1001 Park Avenue, Syracuse, New York, 4 blocks from Hiawatha Exit off 690 East

AMA Sanctioned! AMA membership required to fly!

ELECTRIC and RUBBER FLYING HELD in 80' x 80' x 24' INDOOR GYM

AIRCRAFT STATIC DISPLAY - *FPV Flying in Gym*

Swap Shop (no commission)

STARS/ARCS FLIGHT SCHOOLS signups - RC FLIGHT SIMULATORS

Informational Sessions conducted through out day

HOBBY VENDORS

Refreshments available

Admission - \$5.00

Children 12 and under - free



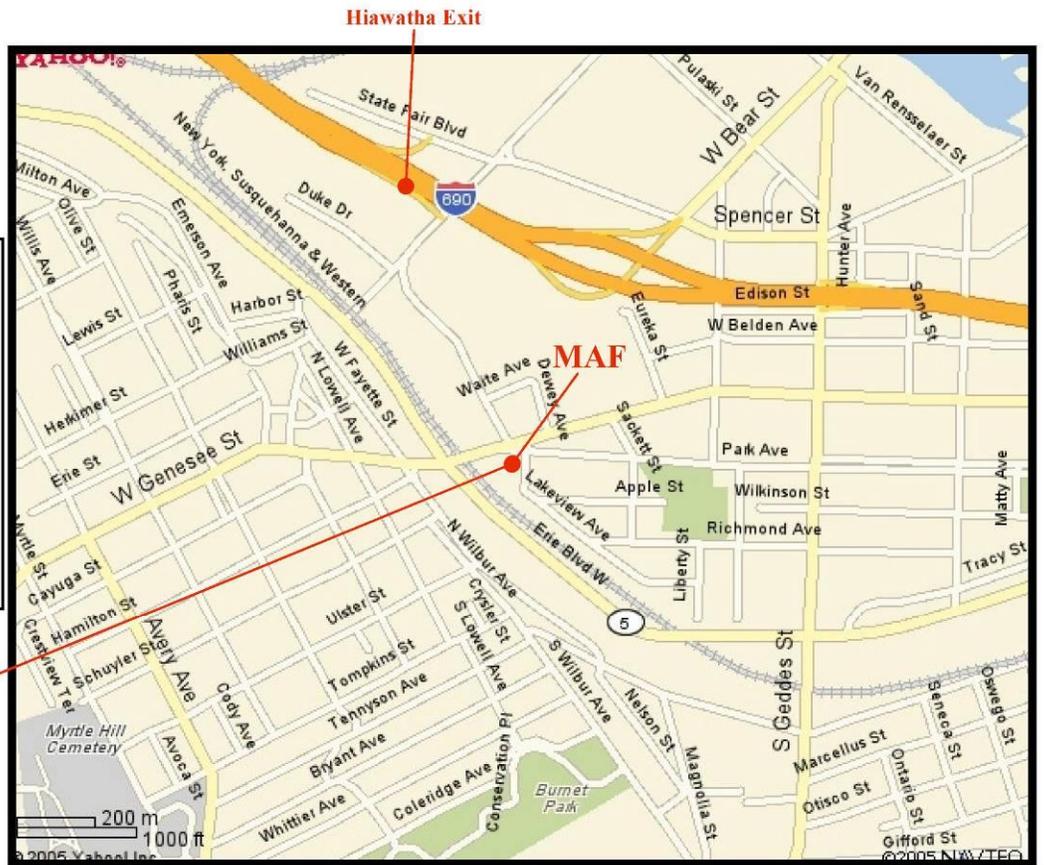
For more information, contact:

**Phil Artese at 315/382-5841 or Herb Ziegler at 315/857-6266
nyflyer56@aol.com and herbz1957@yahoo.com**

The location of the Syracuse Academy of Science is just off West Genesee Street. It's diagonally across from the Harrison Bakery.

Parking is off street and immediately outside the gymnasium on the school grounds.

76° 10' 51"W , 43° 03' 12"N



Plenty of room for flying your indoor models here!! Tables will be setup on the stage for working on models and charging them.

If you have models to display or a booth to set up, the room below the flying area can accommodate all your needs.

Concession stand will be open during the day for hot sandwiches and cold drinks.



Commemorating STARS member Peter Seiffert-

Photos courtesy of Mike Graham

This is a picture of Peter just taken November 2019. STARS, ARCS, and the C.I.A. at Waltø Hobby Town Secret Santa Sale 2019.



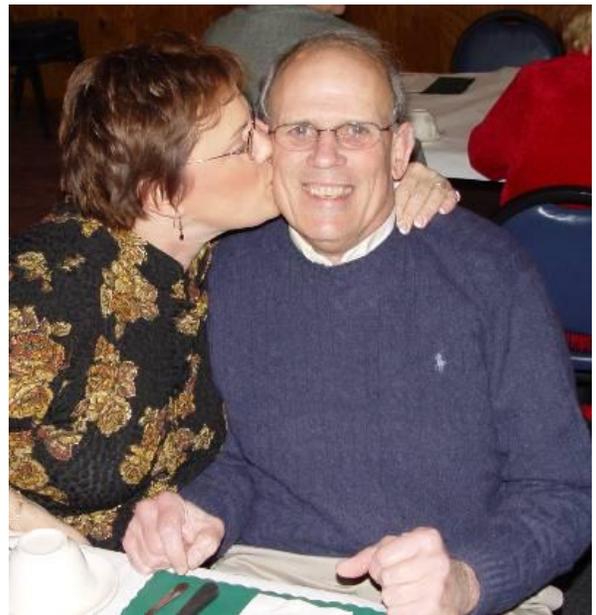
Peter in 2005

Good daysí

í and bad.



Then again in 2007. Well flown!







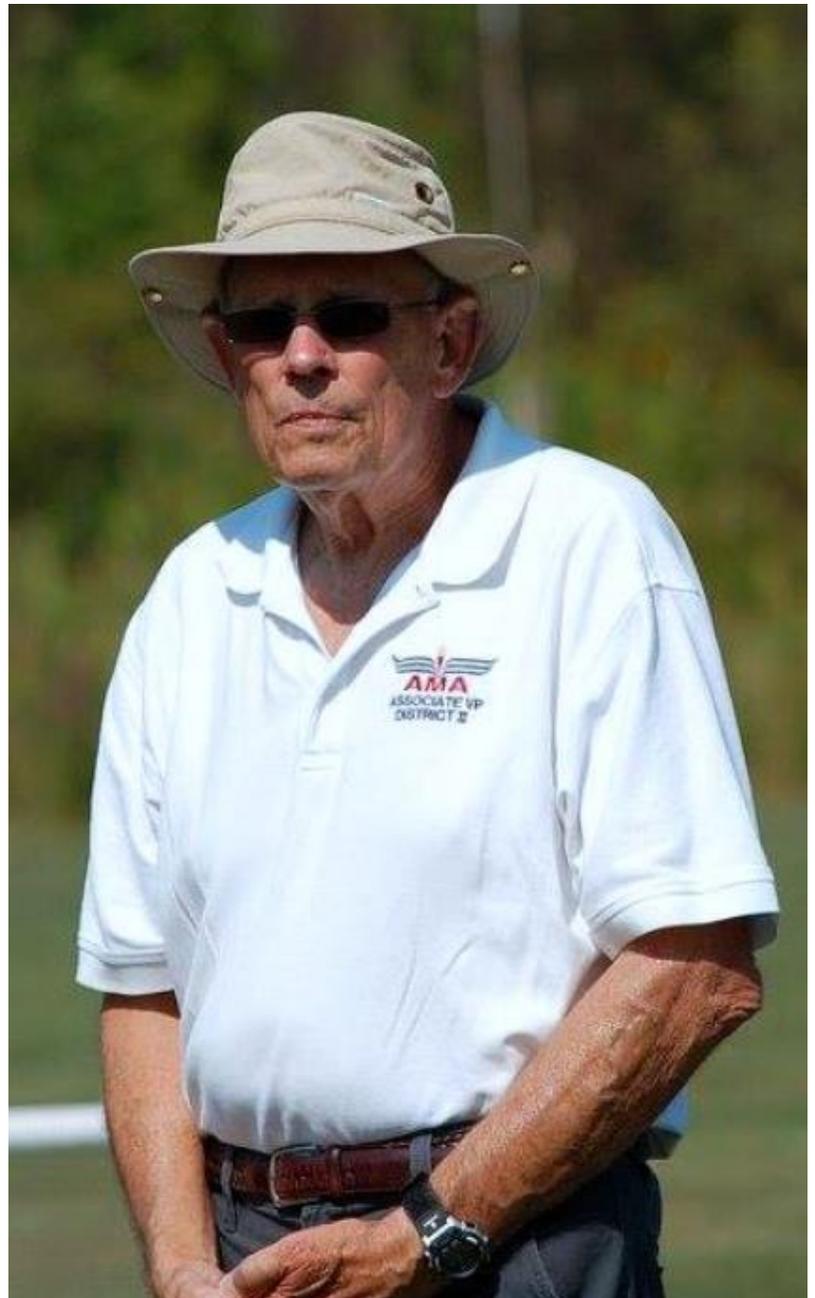






*Thanks for the memories,
Pete.*

*Peter S. Seiffert
1943-2020*





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.

From Paul Volcko-

Just prior to his passing, Peter Seiffert had ordered a new Hangar 9 110" Timber ARF. It arrived a day or two after he left us. Rather than return this rather large parcel for a refund, we're looking to see if anyone wants to buy this new-in-box model. There may be a motor in it for you too. Message if you're interested.

The situation is there is a very high shipping cost to return the plane to Horizon.

It's a beautiful aircraft. I'm sure he would have enjoyed it very much. I copied the description from the Horizon website. It appears on the next page. This is the link for the horizon Hobbies site-

https://www.horizonhobby.com/timber-110-30-50cc-arf-110-inch-han2530?clickpath=HAN_BS_rotator2_08152019

Please contact Paul if you are interested. 315-708-2009. The asking price is 700.00.



HANGAR 9Timber 110 30-50cc
ARF

VERSATILITY ON THE HORIZON



Key Features

- High quality balsa and plywood construction provides a strong and lightweight airframe
- Vibrant and eye-catching UltraCote covering for a high-quality finish and good looks
- Functional flaps expand the flight envelope and make for STOL take offs and landings
- Multiple hatches allows plenty of opening space for assembly and battery changes
- Large 6 1/4" tundra-style tires included
- Optional-use leading edge devices allows for even shorter take offs and landings (included)
- Pre-hinged control surfaces (except rudder) help you save on build time
- Two-piece plug-in wings with carbon fiber wing tube allows for easy transportation and storage
- Removable horizontal stabilizer for easy field assembly
- Accepts Hangar 9 CubCrafters XCub 60cc articulated landing gear (sold separately)
- Tool-free field assembly
- Painted fiberglass cowl requires no finishing by the customer
- Painted aluminum landing gear matches the covering perfectly
- Designed to accept gas/petrol engines and electric motors
- Float ready, with hard points for optional float set
- Complete hardware kit with engine and motor mounting hardware

Needed to Complete

- 30-50cc 2-stroke gas/petrol engine or equivalent electric motor system
- Evolution Optical Kill Switch
- Standard high-torque servos for sport flying, or brushless digital HV high-torque servos for 3D aerobatics
- Full-range 5+ channel transmitter and receiver
- Receiver battery
- Starter battery (if using gas engine)
- 3" Aluminum Spinner
- Propeller
- Tools and adhesives (see manual for more details)

What's In the Box?

- (1) Timber 110 30-50cc ARF
- (1) Product Manual

Overview

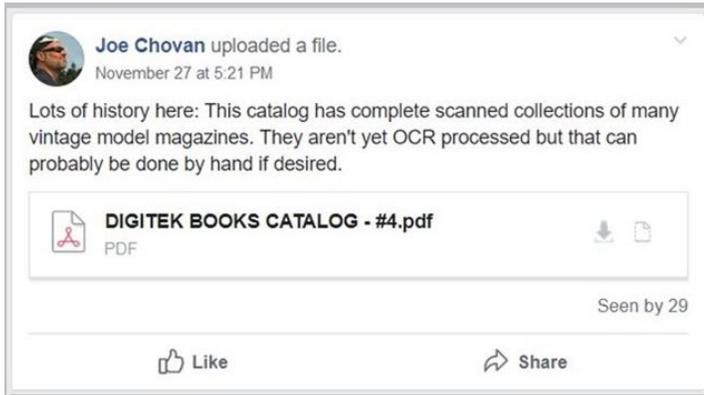
The Hangar 9® Timber® 110 30-50cc is a 110-inch wingspan all balsa and plywood almost-ready-to-fly airplane based on the popular E-Flite® Timber series. Its innovative design combines the spirited performance of a sport plane with the versatility of a bush plane so you can have it all. It offers a flight experience unlike any other, from STOL flying to 3D aerobatics.

The Timber is equipped with a combination of features and details that will satisfy intermediate to advanced pilots alike. Its lightweight design, combined with high-grade balsa and plywood construction, provides everything you could want in a giant-scale STOL model. The two-piece plug-in wings feature optional-use leading edge devices and operational flaps that make for impressive short field operation, even from less-than-ideal runways. The assembly is simple so that your time at the bench can be as brief and enjoyable as possible. The majority of the components bolt together, and the complete hardware package includes everything needed to finish the model. Out of the box, all control surfaces are pre-hinged (except rudder), while multiple hatches allow for convenient access to electronics and flight batteries. The all-wood airframe is finished in genuine Hangar 9 UltraCote® covering which is well known for its durable finish, brilliant looks and ease of maintenance. The finished aluminum sprung landing gear and 6 1/4" tundra-style tires complete the look of the Timber 110, and the Hangar 9 XCub 60cc sprung landing gear is a drop-in fit to finished the rugged looks with distinction. The Timber also 110 comes with optional-use lens covers to use with an LED light set (available separately).

The Timber 110 30-50cc is part of a complete line of top-quality Hangar 9 aircraft. All are engineered and crafted to exacting standards and feature the finest components and materials. Plus, every Hangar 9 product comes with the after-sale service and technical support you need to succeed.

Michael Graham Forwarded this- Digital Magazine Copies for Sale

DIGITEK BOOKS CATALOG - #4.pdf



Joe Chovan uploaded a file.
November 27 at 5:21 PM

Lots of history here: This catalog has complete scanned collections of many vintage model magazines. They aren't yet OCR processed but that can probably be done by hand if desired.

DIGITEK BOOKS CATALOG - #4.pdf
PDF

Seen by 29

Like Share

So, I downloaded the pdf and it is attached.

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

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

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

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

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

If you want to list modeling items for sale, R/C services offered, or a really neat R/C web site, this would be a good spot. Free for members. Send your advertisement by e-mail to jwolsley@verizon.net. Please put STARS ADVERTISEMENT in the subject line.

Links-

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

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

Howard Blair found an interesting video from YouTube on micro flight

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

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

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

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

Mike Graham has a torque conversion chart-



Servo Torque
Conversion Chart.pdf

Arming Switch Information-

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

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

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

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

Note- Many of the newer ESC's have a built in spark arrestor. If you still see and hear the spark, this is a good idea to save the plugs.

The link for the AMA DII Calendar is:

<http://www.amadistrictii.org>

The link for the 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

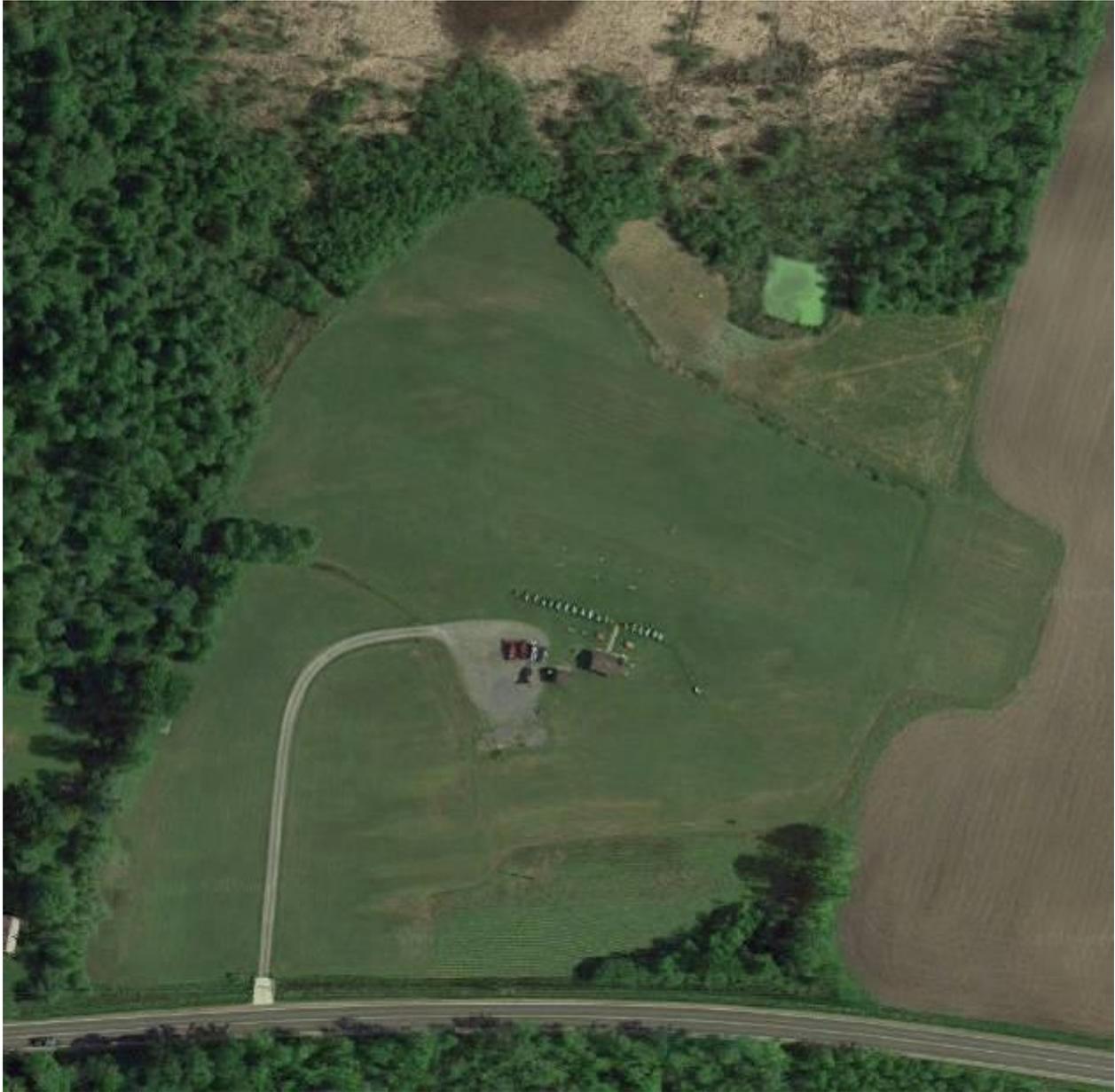
<http://www.amadistrictiistars.org/>

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.

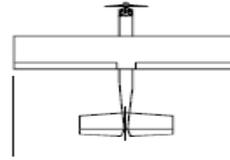
Please contact Mike Graham tanjmg82@aol.com to join the STARS Yahoo group. Send Mike an email asking to join from your preferred email account. Mike will then reply with an invite to join the group. The invitation contains the links and instructions necessary to join.



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.

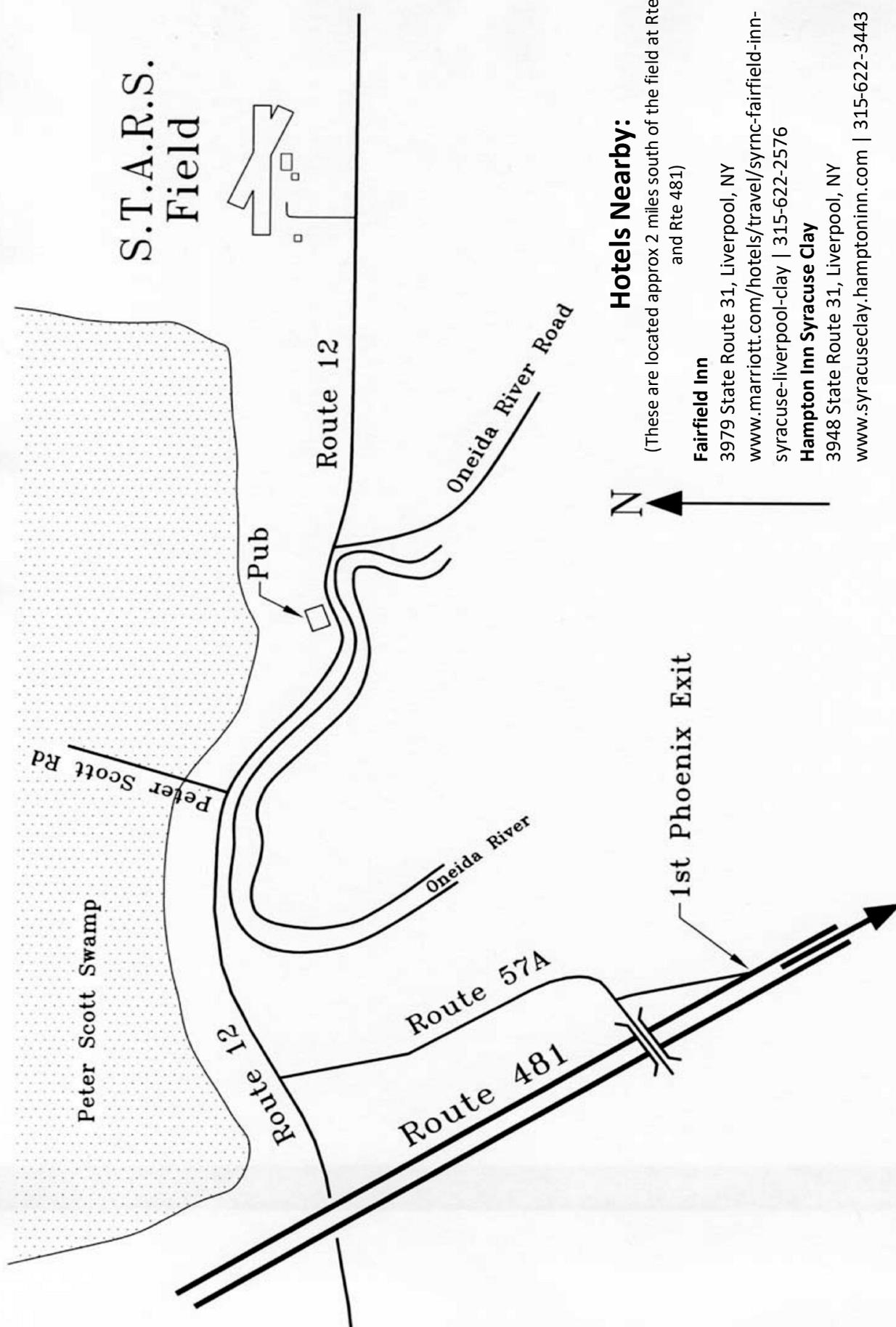
4. Replacement Courtesy:

- 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

Route 57A

Route 481

Oneida River

N

1st Phoenix Exit

Hotels Nearby:

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

Fairfield Inn

3979 State Route 31, Liverpool, NY

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

Hampton Inn Syracuse Clay

3948 State Route 31, Liverpool, NY

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

To No. Syracuse
and Route 81

N43.23696, W76.24550

starsmap.dwg
rev 12 Feb 03

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

