

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



December 2020

Charter 473

The STARS January meeting will be held Wednesday January 13th, at 7:00- See below

2021 Officers

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

Directors:
Michael Graham
Herb Moore, 2014
Phil Morgan *2011-2013

Volunteer Staff:
[Jeff Wolsley, Propwash Editor](#)
[Michael Graham, SYG Administrator/Club Historian](#)
[Paul Volcko, Webmaster](#)
Position Open, Field Committee
[Mike O'Neill, Facebook Admin](#)

The STARS January 2020 meeting will be held online via ZOOM, or other format, on January 13th, at 7:00. STARS monthly meetings will be held via ZOOM until spring. A meeting notice and login credentials will be sent prior to the meeting.

2021 Is About to Get Kick Started!

As the calendar was about to kick over to a new year, the FAA released the final rule for Remote ID. This is their follow-up to the Remote ID notice of proposed rulemaking (NPRM) released one year prior, which generated so much anxiety and upset within the RC flying community. I am happy to report that, due in significant part to all the comments submitted against the NPRM, that the FAA has made significant changes to the rule which vastly improve it over their initial proposal.

Here is a summary of the changes along with effective dates:

FAA Recognized Identification Areas (aka FRIA): FRIA are locations where people can fly models that do not have Remote ID technology built into them. AMA (and other community-based organizations) will be able to submit FRIA applications with no deadline or sunset on that application process. As sites are added, move or significantly change their field locations/configuration, they will be able to apply or update their filings.

Limited Remote ID: Limited Remote ID, Internet connectivity, Remote ID service provider, and the 400ft geo-fence dome concepts and requirements have been removed! With internet connectivity and Remote ID service provider ideas being dropped, Standard Remote ID is now radio broadcast only.

Remote ID Broadcast Module: The FAA added a new way to fly models without Remote ID built into them by the manufacturer at locations that are not FRIA, Remote ID Broadcast Modules. These are either fully independent or plugin components that will acquire

location, direction, and speed information, have a unique Remote ID serial number, and broadcast Remote ID messages using the same radio frequency protocols that a Standard Remote ID equipped model would. These are anticipated to be available from a number of vendors, small and lightweight, and relatively cheap (\$50, perhaps less). Further, you can move them between models, meaning you need not equip all of your models with unique modules. If you fly Remote ID non-compliant models outside of a FRIA after August 2023, installing one of these modules is how to become compliant.

The FAA has abandoned the idea of requiring per-model registration. The current single registration per recreational UAS pilot will remain in place. The ability to list your Remote ID serial numbers (for Standard Remote ID equipped models or your Remote ID Broadcast Modules) against your FAA pilot registration is being added to the FAA registration site, but there will be no charge for adding/removing these to your registration.

The first date of importance is in late August 2022. FRIA applications can start to be made on this date. Standard Remote ID compliant models (Remote ID built in) will be available before or on this date. The second, and more important date to us as hobbyists, is late August 2023, when we will be required to be Remote ID compliant when flying. That means either flying Standard Remote ID equipped models, flying models with a Remote ID Broadcast Module installed, or flying from a FRIA site.

Continued next page -

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

Details on these points and more was presented to the club membership at a meeting early in January.

The slides for the presentation are at <http://amadistrictiistars.org/documents/meetings/2021/Remote%20ID%20Final%20Rule.pptx>

A video of that meeting is available here: <http://www.amadistrictiistars.org/documents/meetings/2021/Remote%20ID%20Presentation.mp4>

This is all very good news for us as RC flying enthusiasts and for our hobby, compared to what

Secretary's Report: Jeff Wolsley

The December STARS meeting was held via ZOOM. The meeting was held in place of the annual STARS Christmas Party. The meeting was called to order at 7:04 by President Paul Volcko. There were 13 Open members, 5 Associate members, 0 Youth members, and 0 Guest in attendance.

Secretary's Report:

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

Treasurer's Report: Herb Moore

The insurance is paid up. Waiting for the property tax. The treasury remains in good shape. Motion to accept by Phil Morgan and 2nd by Lloyd Darrohn. Carried.

Correspondence:

No correspondence.

Committee Reports:

Field Committee: Paul Volcko

Everything is buttoned up for the season. The beavers have not returned. The nuisance permit that gives us permission to dispatch the beavers must be renewed. The field group is looking into a drainage issue on the west side of the field. More brush and scrub trees need to be removed for better equipment access to address the drainage issue.

Peter Seiffert-

The group is still looking into way to honor Peter's memory.

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

- 1- Awing on the clubhouse- Electric powered. Pricing was requested for this idea.
- 2- Pergola over the entry. Pricing was requested for this idea.
- 3- Open pavilion addition to the clubhouse
- 4- Cover over the flight line
- 5- 2nd flight school trainer aircraft. An expenditure for \$450.00 was proposed, voted on and carried to obtain a 2nd trainer aircraft for use at the flight training school.

Phil Morgan and Paul Volcko are still working on the memorial plaque. Paul is currently working on the engraving.

Safety Report: Jeff LaPorte

The proposed rule changes that Paul V. and Jeff L. are working on were discussed.

There were no new incidents to report as of the November meeting. Jeff reminded everyone that there is no taxiing in the pit area. There seems to be some confusion as where that is now that

we were looking at in the initial proposal. The worst aspects of the NPRM have been dropped or greatly reduced. This is far more of a slight touch regulatory framework than we were facing. The hobby will live on for many years to come.

Thank you to everyone that helped fight back against this FAA regulatory encroachment. It absolutely wouldn't have turned out this way without your efforts.

Paul Volcko

president@amadistrictiistars.org / 315-708-2009

the barricades have been removed from the flight line pads. Please continue to stand on the pads while flying so it is obvious to others that you are in fact flying.

Now that we're in the heating season, please make sure to turn off, unplug, and turn off the gas, for the heater in the clubhouse before leaving. Even if you didn't turn it on, make sure it is completely off when you leave.

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

AMA Report: Phil Morgan

The AMA gift store is running a 15% off sale right now for the holidays. [AMA Store](#)

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

Phil reported the STARS are eligible to apply for a field improvement grant through the AMA. It been three years since our last application.

Renew your FAA license before 12/20. Phil says by 12/17. This mostly applies to the first round of applicants. Please look at your FAA registration to see if this applies to you. Log in to FAA here- <https://faadronezone.faa.gov/#/> and log into your account. If you wait until after 12/20, you will need to renew from scratch and will get a new registration number.

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

It was reported here in past Propwash newsletters that the AMA is supposed to have a service to help sell off the hobby estates of members. I have not been able to find any information on the AMA site that supports this

FAA- Phil reported that the FAA proposed online pilots test that was 12 to 18 questions has ballooned to 28 questions. The test will be a pass-pass test for now.

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

AMA Remote ID Campaign:

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

<https://whoismyrepresentative.com/>

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

If you are interested in viewing any of the comments-

<https://www.regulations.gov/docketBrowser?rpp=25&so=DESC&sb=commentDueDate&po=0&dct=PS&D=FAA-2019-1100>

Continued -

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:

Flight School: Bob Rowe

Fixed wing- The trainer that Herb provided went over well. It was suggested to use some of the donations in Peter's memory for a second trainer. The 2nd trainer will be the same as the first. There will be a vote at the December meeting to confirm this request.

Heli flight- Paul Volcko. Wrapped up for the season.

Flight schools will be back in 2021.

Big Bird Giant Scale: Phil Knapp

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

Control Line: Mike O'Neill

No report from Mike.

Vintage and classic control line, glider, and rubber powered kits on Mike's website under the STORE tab-

<https://www.flyboyzblog.com>

Facebook:

STARS have a Facebook page. There are 118 members currently. [Mike O'Neill](#) is the administrator.

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

The STARS Facebook page-

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

New Business:

STARS in The News:

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

[STARS on Spectrum News](#)

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

Field Improvements:

Work has been wrapped up for the season. It will resume in the spring and build on the good progress already made. Progression of the back waters has ceased, and several hundred square feet of field and perimeter land have been reclaimed from the marshy areas since the drainage has been corrected.

New Members:

Jim Johnson was proposed as an open member- carried. Gerry McOmber is seeking youth membership for Liam McOmber. Gerry is a past member of STARS. Carried.

STARS Winter Events:

The STARS winter events are still in the planning stages due to COVID-19 restrictions. In addition, some of the summer events may be updated. So far is what has been scheduled or tentative-

First Day of Winter- Low key, non-advertised, come and fly if you want to.

STARS Auction- No date yet. No venue available.

SnoFly- March 07? The date will be confirmed at the February meeting.

MAF- No date yet. No venue available.

Season Opener- June 12th. BBQ/Picnic. Rain date 05/13

HeliJam- July 10. July 11 would be the rain date

Airshow- August 14th. Rain date 08/15

FPV Racing- Sept 11th.

Guest Columnist:

Anyone, club member or other, is welcome to submit an article for the Propwash. The article must be about the hobby or something that impacts the hobby.

The Propwash Editor and/or STARS BOD reserves the right to edit the article content or refuse to include the article.

Club Hat Order:

Bob Rowe mentioned that anyone interested in a new STARS Club Hat can pick one up at Papa's Sports (315-455-7272), 1926 Park Street (at Park and Hiawatha). Bob says they have the STARS club logo in their inventory. They have many different styles of hats. Just ask for the STARS logo on it.

Adjournment:

The December 2020 regular monthly meeting of the STARS was adjourned at 7:51.

Secretary, Jeff Wolsley

Calendar of Events

NOTICE EVENT DATES MAY CHANGE OR CANCELLED OUTRIGHT.

Calendar of Events for December and beyond:

Editor's Note- All dates are subject to cancellation or postponement due to the COVID-19 response.

Please check with the event sponsor for actual date and time. These dates are accurate at the time the Propwash was published.

12/21- 1st day of Winter fun fly- Low key event. Come and fly if you want.

STARS Auction- No date, no venue to hold it.

Model Aircraft Forum- No date

SnoFly- March 7th. Confirmation at the February meeting.

STARS Season Opener- June 12th. BBQ and picnic

HeliJam- July 10. Rain date July 12.

Airshow- August 14

FPV Racing- Sept 11.

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

STARS Flight Schools- Flight Schools have closed for the 2020 season. Congratulations to the graduating pilots. Flight schools will re-open in spring 2021.

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

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

Camillus Indoor Aviators (CIA) Indoor flying at First Baptist Church located at 1960 State Route 5 in Elbridge **NEED TO CONFIRM** dates and times. The calendar shows active dates for November and December. (2.4GHz only)

CNY Indoor Flying Society No group contact available.

Walt's Hobbytown- NO INDOOR FLYING THIS SEASON

MexAir R/C NO INDOOR FLYING THIS SEASON



After the meeting show and tell-

Thanks to Phil Knapp for showing off his latest jet project. Phil showed his progress to the ZOOM group. Hopefully Phil brings it out for maiden this spring.

STARS Board of Directors Meeting

The annual STARS BOD was held January 6th, at 7:17.

Meeting Attendees:

Mike Graham Jeff Wolsley
Paul Volcko Jeff LaPorte
Herb Moore Phil Knapp
Phil Morgan

Topics of discussion-

Club Charter

Club Improvements: Pavilion, awning, pergola, electricity at the fence line, field leveling.

Suggested club donation to the AMA Education Fund. ~ \$500.00

Semi-permanent FPV course.

Event Schedule Revisions

Proposed Club Rule Changes

Discussion-

Club Charter

The club charter paperwork has been received. The application will be filled out and returned to the AMA shortly.

Club Improvements-

Extend the pavilion approximately 16ft to the west. This would be an open area with pergola to provide some shade to that area.. Avoid conflict with the existing shed/garage access. Need to get \$\$ for the project.

The awning project needs to be more defined. It was suggested that it has an electric extension and retract. An approximate \$ of 3000.00 was discussed. Putting the pergola up in place of the awning was also discussed. Need a firm price before further discussion and decision.

Electricity at the fence line. This idea has some traction. This will allow flyers to charge in the pit area instead of having to come back to front of the pavilion or inside the pavilion. This will cut down on the clutter around the front of the pavilion during shows. It was felt by the BOD that 500.00 would probably cover the cost of this project.

While discussing the electricity along the fence line, replacement tables and bench stands for the pit area were discussed. There are new bench stands in the works already. Herb was already planning on replacing some of the tables in 2021.

Field leveling was discussed. The current project should get some more thought and planning. The group talked about proper smoothing. Not that the group working on this isn't doing a good job, but could maybe be done even better? More dirt was suggested to do a 300ft x 500ft area. This would be done in 30ft wide sections or thirds to make smaller work areas and minimize impact on flying. To help level the field, bring in a large rolling machine when the field is dry in the July time frame.

After further discussion on the above topics, the consensus started to look like the field improvement projects are going to be a better investment in resources than the shade projects. Hold off on the AMA donation until there is a better understanding of project costs and substantial improvements to the field have been completed.

The club field rule changes were reviewed.

Section 1C General

Remove. 2.4 GHz technology is now the standard radio equipment. The impound board that has been in the pavilion for many years is no longer in use so it will be put away in overhead storage. Possibly resurrected at some events if the need arises.

Continued-

Section 1E

Modify. Emphasis will be put on cleaning up debris that is in neighboring land areas. This is to avoid damage to mowing and farm equipment.

Section 2A Transmitters

Remove. Frequency control has changed since the adoption of 2.4GHz equipment. Non 2.4 is rarely ever at the field and can be coordinated by the individuals that are using it.

Section 2B

Modify. Each pilot will conduct a successful radio equipment, including any FPV equipment, ground range check before flying a new or repaired aircraft and prior to each flying session.

Section 3B Engines

Modify. When running an engine in the pits, keep neighboring personnel behind the prop arc. Restrain fuel powered airplanes with stakes, starting stand, or helper prior to starting the engine(s).

Section 3C

New. Electric motors and fuel engines are not to be run in spectator/pavilion areas or anywhere behind pit area fencing or designated test stand /hover areas, unless propellers/blades have been removed. Model electronics (receivers, servos, etc.) can be powered up in spectator areas so long as electric main motors are disconnected or propellers/blades are removed.

Section 3D

New. Remove or secure all necklaces, straps, loose clothing, hoodie ties, etc. prior to starting a fuel engine powered model. Long hair should be tied back or secured so it cannot get caught in a spinning propeller or rotor.

STARS Field Protocol changes

Section 1G General

Remove. Cell phones are in wide use now for picture taking, video, live streaming, etc. Some models are even flown with cell phone apps and FPV video feedback. There has not been any cell phone interference demonstrated with 2.4 GHz technology.

Possible update for 1G would be to limit the use of the cell phones in the pit area for talk, text, and browsing.

Section 3H Flying Courtesy

Remove. See rules 1C above, Field Rule changes.

Section 4F Good Earth policy

Modify. Do not dispose of trash in the outhouse/port-a-potty pit.

The revised Field Rules and Protocols will be posted in the club house, on the club web site, and updated in the Propwash.

Semi-permanent FPV Course

The semi-permanent FPV course was briefly discussed. It would be set up in back of the pavilion, towards the east by the trees. It will avoid conflict with the crosswind runway area.

The event schedule was reviewed.

The HeliJam and Airshow will be sanctioned club events.

The SnoFly will go in the schedule but will not be an open event.

The Airshow date now has a conflict with the Binghamton Festival of Giants show.

The BOD meeting was concluded at 8:14.



S.T.A.R.S.

Jacket Order Form



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

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

Name: _____

Address: _____

Phone: _____

Name desired on jacket: _____

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

Checks payable to: Phil Morgan (Not the STARS)

IMAA Big Bird Safety Checklist

Balance

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

Is the model balanced laterally (side to side)?

Alignment

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

Are there any twists in the wing?

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

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

Control Surfaces

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

Are the control horns secured to the model?

Control Linkages

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

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

Engine / Motor Mount Security and Operation

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

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

Does the throttle work without binding?

Does the throttle trim tab shut down the engine?

Has the propeller been balanced and checked for damage?

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

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

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

Radio Equipment

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

Are all the electrical connectors secure?

Is the receiver antenna fully extended and in good condition?

Are the batteries charged and in good condition (check under load with a voltmeter if unsure)?

Are all servos securely fastened to the rails or trays?

Are servo arms firmly attached with screw in place?

Are all push rods firmly secured in servo arms (again keepers or fuel tubing should be fitted)?

Are the control throws in the correct direction with proper amount of deflection (as per plan)?

Rudder & tail wheel: Left stick should move the rear of the rudder and tail wheel to the left.

Nose wheel: Left stick should move the front of the nose wheel to the left

Aileron: left stick should move left aileron up and right down.

Elevator: Pulling back on the stick should move the back of the elevator up.

Canard: Pulling back on the stick (elevator) should make the front of the canard move up

Throttle: With trim set fully forward, pushing the stick forward should open throttle fully. With trim set fully backward, pulling the stick back should fully close the throttle.

Has a full range check been performed? (see below)

Undercarriage (where fitted)

Is the undercarriage firmly attached to airframe and the wheels securely retained?

Does aircraft taxi in a straight line?

General

Is the covering tight with no visible signs of damage?

Are the retaining bolts in place and secure?

Are all hatches, cowls and canopies secure?

Are all components structurally sound?

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

Range Checking the radio

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

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

Important: make sure the transmitter aerial is down fully.

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

Before EVERY flight:

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

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

Advertisements:



Store Hours:

Monday/Friday: 9:00am-9:00pm -- Tuesday/Wednesday/Thursday: 9:00am-6:00pm -- Saturday: 10:00am-5:00pm -- Sunday: 11:00am-5:00pm

Phone Number:

(315) 453-2291

waltshobby.com



Open 10-7 Tuesday thru Sunday.

315-532-6826

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www.facebook.com/mexairrc

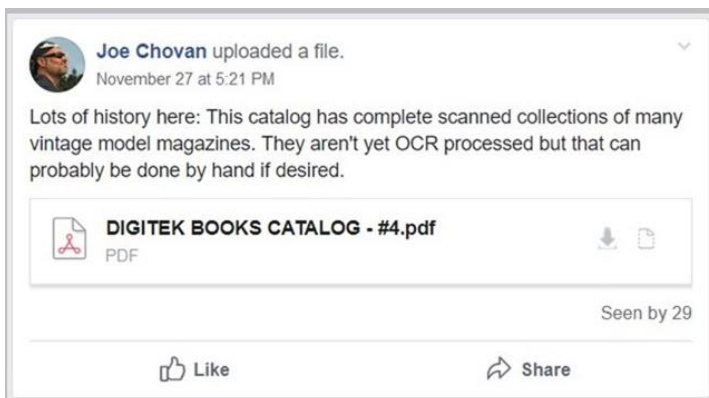
**Winner of AMA 2015 Hobby Shop Award
for signing up new AMA members.**

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.

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 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/tjguytech/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.

Looking to compare servos?-

[Servo Database - RC Servo Specs and Reviews](#)

The link for the AMA DII Calendar is:

<http://www.amadistrictii.org>

The link for the STARS club home page at DII is

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

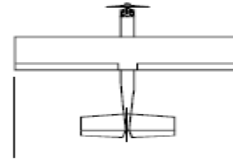
The link for the STARS club web cam is:

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



STARS Field Satellite photo

STARS Field Rules



1. General:

- A. License: All pilots, students, and flying guests *must* have a current membership in a nationally recognized model aircraft association in order to fly. Those pilots participating in the Park Pilot Membership Program must fly models that weigh two pounds or less and be incapable of reaching speeds greater than 60 mph. They must be electric or rubber powered, or of any similar *quiet* means of propulsion.
- B. Spectators: Only those people essential to flight operations will be permitted in the pit area; all others will remain on the spectator side of the fence.
- C. Impound: All pilots, students, and flying guests must place their transmitter(s) in the impound area immediately upon arriving at the field.
- D. Vehicles: Vehicles will not be permitted *on* the flying field.
- E. Crash Debris: Pilots must retrieve all pieces of their aircraft after a crash. Particularly, attention must be made to obtaining all pieces of aircraft that land in the neighboring fields under cultivation.
- F. Trash: All members will take home their own trash.
- G. Alcoholic Beverages: Members will not consume alcoholic beverages prior to, nor during, participation in any *modeling* operations.
- H. Smoking: Smoking will not be permitted in the pit area or on the flight line.
- I. Mowing: Flying on the field will not be permitted if the field is being mowed or maintained.

2. Transmitters:

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

3. Engines:

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

4. Flying:

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

5. Guests:

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

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

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

A. GENERAL:

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

B. OPERATIONS – REQUIREMENTS - LIMITATIONS:

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

C. RANGE – ALTITUDE – WEIGHT – SPEED:

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

STARS

Field Protocol

Dedicated to responsible
RC fun with safety by
choice, not chance.

1. General:

- A. Civil and courteous behavior is required at the field at all times.
- B. Safety is paramount and everyone's business. Use common sense in all matters.
- C. It is strongly recommended that you do not fly alone.
- D. Learn where the First Aid station is located and inform the Field Committee if material has been issued from it.
- E. When opening or closing combination locks, *always* set the wheels to 0000.
- F. Last member out must close and lock the refrigerators, pavilion, and main gate.
- G. Cell phones are not to be used on the flight line or in the pavilion near the transmitters.

2. Engine Courtesy:

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

3. 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.

4. 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.

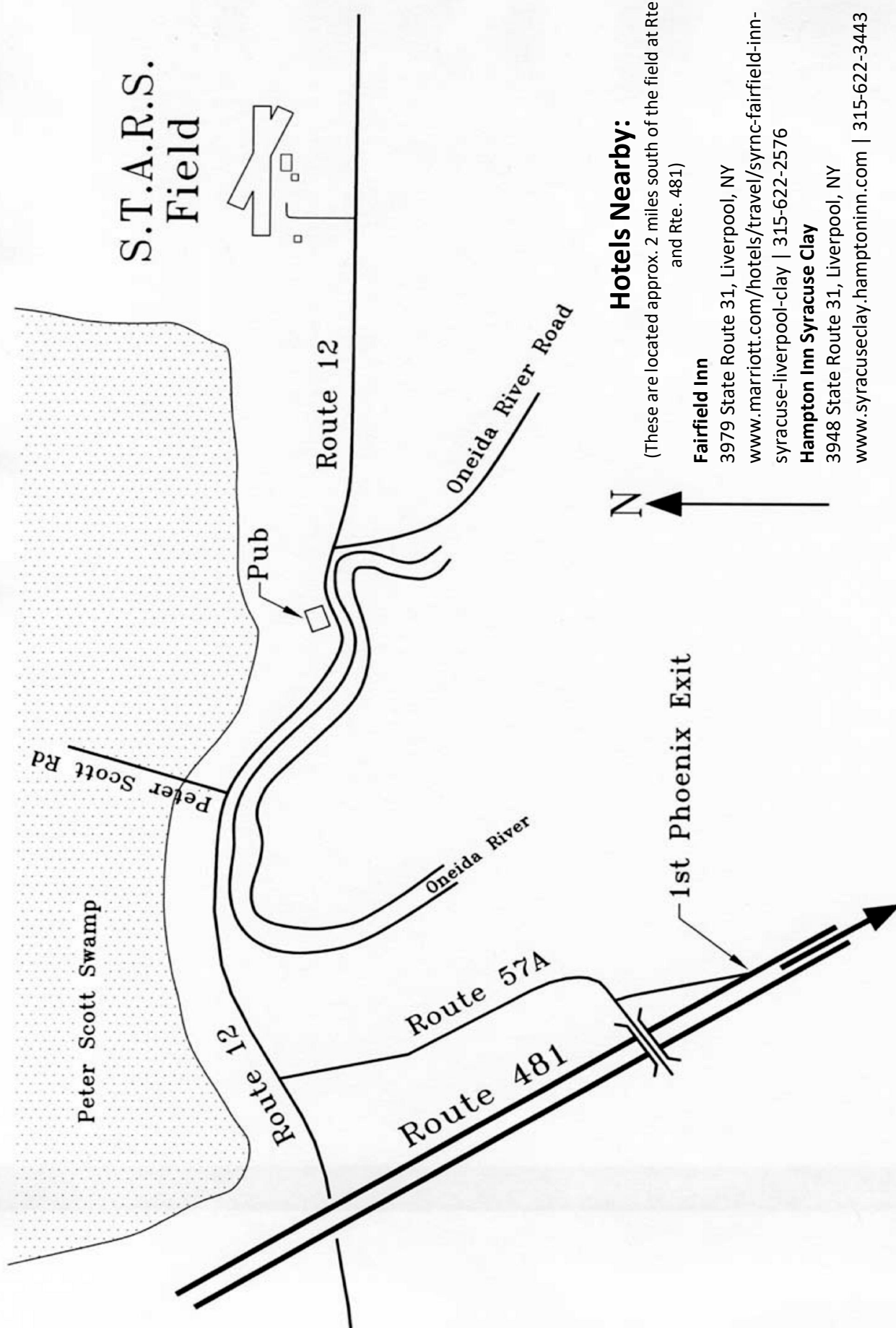
5. Replacement Courtesy:

- 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

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

