

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



July 2020

Charter 473

The STARS August Meeting Will Be Held Wednesday August 12th, at 7:00- See Below

2020 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 August 2020 meeting may be held at the STARS field August 12th, at 7:00. As a reminder the STARS regular monthly is the second Wednesday of the month. STARS monthly meetings will be at the STARS Field until the end of summer.

Here Comes The Airshow!

This summer is flying by. So much so it didn't register with me at the last meeting that the airshow was only a bit over a month away.

For those that have forgotten, the Airshow event is August 15th this year. We decided early in the year to move it from the normal Labor Day weekend, to help boost attendance potential. Oh, the irony.

As you may have seen on Facebook, we are going to be scaling down the Airshow this year. More fun-ly than Airshow. It is still going to happen, Phil Morgan applied for and received AMA sanction, but we are not making a big push for attendees this year. In particular, we are not wanting lots of spectators from the general public. We're letting area clubs and pilots know, and their families are welcome, but we're not wanting a parking lot full of cars this time around. There are still restrictions in place on large group gatherings and there are many members that are not yet comfortable coming to the club for our normal weekly evening events, much less coming to an airshow to participate or help put it on.

I put out a call for volunteers on club email and people have been responding to that. Thank you! We still need some more people, however. If you are planning to attend the event and/or want to help out, please get in touch with me ASAP.

We are not collecting parking fees/donations, so the only help needed there will be a couple of parking assistants in the early hours of the event, not running into the early afternoon like normal. We'll need a helper or two for the swap shop and a few people to

help manage the flight line throughout the day. We'll need some cooks and several people to help with food service, but we will be limiting cooking to between 11 am and 1:30 pm, and foodservice times to between 11:30 am and 2 pm. Drinks will remain available throughout the day. Overall the duration of shifts should be shorter than normal and the workload easier this time around.

While we may do some demos around noontime, it isn't going to be a focal point like it usually is. If the plan goes as expected, the demos will be for fellow pilots rather than a spectating general public crowd. That being the case we may keep it open-ended, instead of a dedicated demo time period. If someone wants to fly a demo flight at any time, they can arrange it with the flight line manager to get use of the full flight line.

Perhaps most the disappointing of the changes we'll be making this year: we will not be having the after-event pilot's dinner this year. The buffet-style shared serving utensils scenario is a no go. That said, if people want to stick around later than the official end time and cook up some food or do their own thing, get more flying in, etc. that's fine. The event is on a Saturday this year, so people are encouraged to stick around as long as they like to make use of the facilities!

Setup will happen 6 pm, Friday, August 14. Most of the normal setup still needs to happen, including running tape barriers, putting up parking signs (no road signs this time), stakes and the rope line, putting out some garbage and recycling cans, etc. Jeff Wolsley is planning to operate the swap shop so we will also need to set that area up.

Our August meeting is on the 12th, just before the event, so I'll be going over the final plans at that meeting and hope to report a full list of volunteers!

See you at the next meeting and at the event!

Paul Volcko

president@amadistrictiistars.org / 315-708-2009

Secretary's Report: Jeff Wolsley

The July STARS regular meeting was held at the field. The meeting was called to order at 7:00 by President Paul Volcko. There were 11 Open members, 5 Associate members, 0 Youth members, and 0 Guest in attendance.

Secretary's Report:

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

Treasurer's Report: Herb Moore

The Treasurer reported the treasury is in good shape for now. Funds are where they were anticipated. Motion to accept by Mike Graham and 2nd by Phil Morgan. Carried.

Correspondence:

No correspondence.

Committee Reports:

Field Committee: Paul Volcko

The new tracking sheet is working well. Thank you to all the volunteers.

IMPORTANT NOTE:

1. MAKE SURE THE OVERHEAD DOOR IS ALL THE WAY UP BEFORE TAKING THE MOWER OUT!
2. CHECK THE FLUID LEVELS BEFORE STARTING THE MOWER.
3. CHECK LISTS ARE POSTED ON THE FAKE WOOD VENEERED CABINET

The position for the Field Committee Lead is still open. If anyone has an interest in heading the Field Committee, please contact one of the club officers.

TURN THE GATE LOCKS TO ZERO after you have opened the gate or other. The locks have been found left on the combination a few times.

Safety Report: Jeff LaPorte

Don't be like Jeff L. Read the rules. If you haven't read the rules in a while, please re-read them.

Please range check your aircraft before flying. Especially new aircraft. This protects your equipment and everyone else at the field. We're all in this together so we're all safety officers!

Please review the club rules and the AMA safety code.

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

AMA Report: Phil Morgan

July 25th, at 4:00 eastern time, the AMA will be holding their annual meeting online. www.modelaircraft.org

National Aviation Day is August 15th. There are T-shirts available from the AMA. This coincides with the STARS Airshow. Please visit

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

FAA- Renew your FAA license before 12/20. Your current FAA registration has been extended to 12/20/2020. Look for an email from the FAA asking you to renew. If you wait until after 12/20, you will need to renew from scratch and will get a new registration number.

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>

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

The STARS Facebook page-

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

Flight School: Paul Volcko

Flight Schools Are open.

Fixed Wing- There were three (3) students last week. Herb Moore has the trainer airplane. He will bring it out for flight school night.

Heli/multi rotor School óLow attendance. There is some interest in practicing during Heli night. The field could be split to allow both to go on simultaneously.

Food sales offered on a limited basis.

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

Low attendance.

Food sales offered on a limited basis.

Control Line: Mike O'Neill

Mike brought out some nice micro scale laser cut kits that he has on his site. Vintage and classic control line 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.

- Continued -

New Business:

Helijam:

The Heli Jam is this coming weekend. As previously announced, this will be a lowkey event this year. There will not be a pre-setup for the event. Food will be made to order.

Food Sales:

Soda and other drinks are available for sale in the clubhouse.

There will be limited food sales on event nights.

Field Improvements:

All piping has been installed. The last thing is the crossing from the field to the parking area. Looking for donation of pressure treated lumber to construct a bridge. The new satellite photo shows the wet spots on the field. They will be using a drag grooming technique to level low the areas.

A second field improvement was discussed. Peter Seiffert's wife wants to do something at the field as a memorial for Peter. Three (3) items were discussed. A donation from barb, and an AMA grant would be was to help cover the cost for-

1. An awning for the front of the club house. (4)
2. An addition to the club house. (4)
3. A cover over the front line. (5)

A quick survey of the membership in attendance was taken to see who was interested in each. See the

number after each item. There will be further discussion on this topic.

Another item discussed was a memorial plaque to remember club members who have passed. Phil Morgan is looking into this.

New Members:

New member Vince Preuss was put to vote. Vince will be an Associate member. He flies fixed wing. The membership in attendance unanimously voted Vince in.

Club Hat Order:

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

STARS Meetings at Walt's:

Due to the COVID response restrictions that have been placed on area businesses, Walt's HobbyTown will be closed for a while.

Adjournment:

The July 2020 regular monthly meeting of the STARS was adjourned at 7:31.

Secretary, Jeff Wolsley

NOTICE EVENT DATES MAY CHANGE OR CANCELLED OUTRIGHT.

Calendar of Events for June 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.

August 7-9 ó [Festival of Giants](#)

August 15 ó ***NEW DATE*** STARS Airshow

Aug. 16 rain date

Sept. 12- STARS Quad FPV racing

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

Sept. 17-20- [NEAT Fair](#)

Sept. 26- [Warbirds over Chenango Bridge](#)

Oct. 3- Ringmaster Fly-a-thon

STARS Flight Schools- *It's never too late to join a flight school!*

Fixed Wing Flight School – Classes *started May 28* and run thru September 3rd.

Heli Night/Multi-Rotor – Classes *started May 19* and run thru October 6th.

Big Bird- Big Bird night will be every Wednesday 2020. ***Started May 20.***

The indoor schedule for the 2019-20 season is closed. Due to the virus situation the schedules may be revised for the fall season.

[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!!



Pictures courtesy of Mike Graham
STARS Helijam-









STARS out for fun-

Jeffrey La Porte and another of his *Extra 300s*:





This is Tim Bates' *Hellcat*:



Mike Amie's *Fw 190* on approach:



Bob Simms finishing a flight on his *Stinger 90*:



Gary Brown's *P-38* on the table:



Phil Morgan and his *Ufo* (I think this how one spells it):



Tom and his *King Cat*:





Mike Mueller was there with his *Fokker D.VII*:





Then we had flight school for the u-control guy, Mike O'Neill:



Tim waited until we we completed, then he flew with lights:



Gary Brown assembled a passel of Cubs and hung them:



I took a selfie for my sister in Indiana:



Can you tell that I'm telling my camera to take the damn picture, already??



Charter 473 AMA Sanctioned

S.T.A.R.S.

www.amadistrictiistars.org

www.facebook.com/cnvstars/

Presents the 41st Annual

Model Airshow and Picnic

Saturday , Aug 15, 2020

(Rain Date: Sunday , Aug 16, 2020)

At the STARS Field located at north of Phoenix, NY, on County Route 12
(See map on back)

Ample room for parking & overnight camping - no hookups
Swap shop and 50/50 raffles

10 AM to 4:30 PM

Food and beverages available to all

Pilots - All types of aircraft invited!! If you bring it, fly it!!

All legal AMA Aircraft Welcome!!



Parking donation of \$5.00 per car

Numerous prizes will be raffled at the Air Show

For more information, contact Phil Morgan, CD, at 315-457-3674 or contact us at: airshow@amadistrictiistars.org

S.T.A.R.S.

Flight Training Program



2020



When?

Every Thursday evening from 5:30 PM to Sunset
May 28, 2020 through September 03, 2020

Where?

At the S.T.A.R.S. field in Phoenix, New York
649 County Route 12, Pennellville, NY 13132
N43.23696, W76.24550

Who?

Anyone wanting to learn to fly powered R/C model airplanes!! You do **not** have to be a Club member and all lessons are free. Each student must furnish his/her own plane and radio equipment and also must hold a current membership in the Academy of Model Aeronautics aircraft association in order to fly.

PreFlight Workshop

Held at **STARS Flying Field in Phoenix, NY**
Thursday **May 21**, 2020 at 7 PM

Interested?

Contact:

SENIOR FLIGHT INSTRUCTOR: Bob Rowe (315/474-8428)



S.T.A.R.S. 2020 Helicopter & Multirotor Night

All skill levels welcome but must be an AMA member to fly and provide your own outdoor capable Heli or Multirotor.

Build help and flight instruction available.

**Tuesday evenings – *May 19* to October 06
5PM until Dusk**

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

Binghamton Aeros'

WARBIRDS OVER



CHENANGO BRIDGE

July **September 26th, 2020** 20

Chenango Bridge Airport, NY



Come fly your favorite warbirds from a **full scale private airport**. Nice close cut grass runway with wide open flying area. **All size and type warbirds welcome**. Anything from military gliders to turbine jets. Current AMA or MAAC required. Current turbine waiver required for turbines. Landing Fee \$10.
RV camping sites available, no hook-ups. Early arrival on 6/25 OK after noon.
Registration open at 8am. Electric flying starts at 9am, wet fuel starts at 10am.
Food vendor on-site.

Visit <http://binghamtonaeros.wildapricot.org/>
or Contact CD Jason Felice felicejm27@gmail.com , 607-341-0829

247 Airport Rd. Chenango Bridge, NY 13901 Field GPS: [42.19174,-75.84131](#)
AMA Sanction #9544



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

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.

This list was sent to me by Jeanette Morris. Contact her at [Jeanette Morris <allisson197474@yahoo.com>](mailto:Jeanette.Morris<allisson197474@yahoo.com>)

Giant Scale Retracts(Sierra Giant Scale) \$400

1/4 Scale FW190 Retracts AirWorld, Meister

1/4.5 Scale Tail Wheel Retract 1/4.5 FW-TailVailly, Airworld

1/4.5 Scale Designed for the Vailly Aviation FW-190

Robart Rotating Retracts \$300

3W 51 \$200

DA 70 with smoke mufflers \$500

DA 150 used in excellent condition \$600

3W 170 Canisters & Headers \$400

DLE 120 \$400

DLE-111 \$300

2 x New in box Evolution Small Block (10cc) Gas Engines \$200

CRRC GF 55 Twin Cylinder gas engine \$200

New 3W170xi w/mounted stock mufflers & new ignition \$600

3w210cs \$800

72-GTS D.J Engines \$200

Good used G 62 with stand off mount, and spring starter \$200

DLE 60cc twin \$300

DA50 \$300

DLE 55 \$200

OS 120 Surpass \$200

DLE 35RA \$200

YS-140Limited \$250

Evolution 40GX with muffler \$300

RCGF 30 Twin Stinger \$250

OS FS-120SIII pumped 4 stroke engine \$250

DA 70 with 2 into 1 K&S Header \$600

JetCat P100-RX \$1500

DA 85 like new muffler and pipe \$400

DA 120 EFI ENGINE \$1800

DA 120 With slimline mufflers \$600

DLE 120 Engine \$450

OS 140 RX with Inflight Mixture Carb, Custom Rotating Header \$150

DLE 30 with inverted pitts muffler and ignition included with standoffs \$200

Torque 4016/500kv. V2 \$70

Tomcat G160 Motor with APC 18x8 prop \$100

Eflite Power60 HP electronics 80A \$100

EF Torque4016/500 Airboss Elite 80A \$120

8 E-FLITE 4S 14.8V.4000 mAh batteries (Like New)..\$400

Hacker A50 16S &X-70 SB Pro speed control \$150

Futaba 18MZ \$700

T18MZ \$800

JR 11x transmitter \$150

8 - futaba 9157¢ \$360

Powerbox Champion SRS, Brand New, still factory sealed \$300

MKS HV777A+ Servos (7) plus MKS HV1250 Servo (1) All NIB \$600

Futaba 18mz perfect condition \$700

DX-9 Black Edition w/case (like new) \$300

7 Hitec 9380TH Servos \$200

Spektrum DX8e (brand new) \$150

8 MKS HV777A+ \$500

Spektrum DX7 G2 \$150

Spektrum DX18 Stealth - Excel.Cond \$400

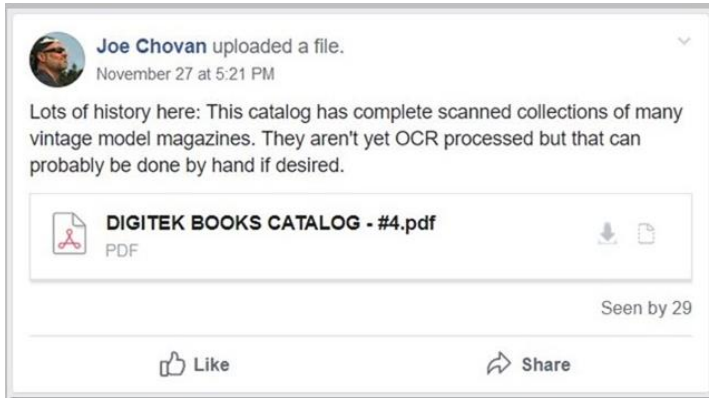
Graupner MZ-32 w/ 3 RXs \$480

SPEKTRUM IX12 \$380

JR XG 11 RADIO MODE2 W711CH RX \$250

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/tjnguytech/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 STARS club home page at DII is

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

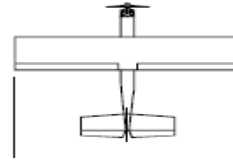
The link for the STARS club web cam is:

<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.

2. Flying Courtesy:

- A. Any person wishing to enter an active flying field or runway to cross same or to retrieve an aircraft, must loudly announce their intention to all fliers on the flight line.
- B. A "landing" aircraft has the right of way over an aircraft "taking-off".
- C. A "dead stick" aircraft has the right of way over all others.
- D. All take-off and landing attempts must be announced to other pilots on the flight line. Take-offs are normally announced by saying "taking off", and landings are announced by saying "landing" or coming in". Dead stick landings are announced clearly to all pilots in the pits and on the flight line by saying "dead stick".
- E. A pilot having difficulty in controlling his/her aircraft must announce to all in the pits and on the flight line that he/she is experiencing radio or mechanical problems. Pilots on the ground preparing to fly will turn off their transmitters and wait for the problem to be resolved before continuing to fly. Fliers in the air will stay clear of the aircraft in distress and will land, if possible, as long as it does not contribute to the crisis. All personnel near the pit area must be alerted to the situation.
- F. If a crash occurs on the field or in the pits, all flying will stop until the accident has been investigated and the debris has been cleared from the field.
- G. Normal flight duration is 10 minutes. Obviously, flight time may be extended if there are no other pilots waiting to fly or waiting for a particular radio channel.
- H. When you have finished flying, please return your transmitter to the impound.

3. Good Earth Policy:

- A. Place recyclables in the appropriate container in the pavilion.
- B. Turn off all pavilion lights when departing the field for the night.
- C. The field does not have a trash removal service. If you carry anything to the field, carry it back out.
- D. If a pilot or guest brings a pet to the field, he/she will be responsible for supervising the animal's conduct while at the field. Please observe all appropriate Field Rules.
- E. If you smoke, please place all cigarette butts in the butt cans in the field.
- F. Do not throw cans or bottles or any other trash in the outhouse pits.
- G. DO NOT DRINK THE WELL WATER. Well water is to be used for washing only.

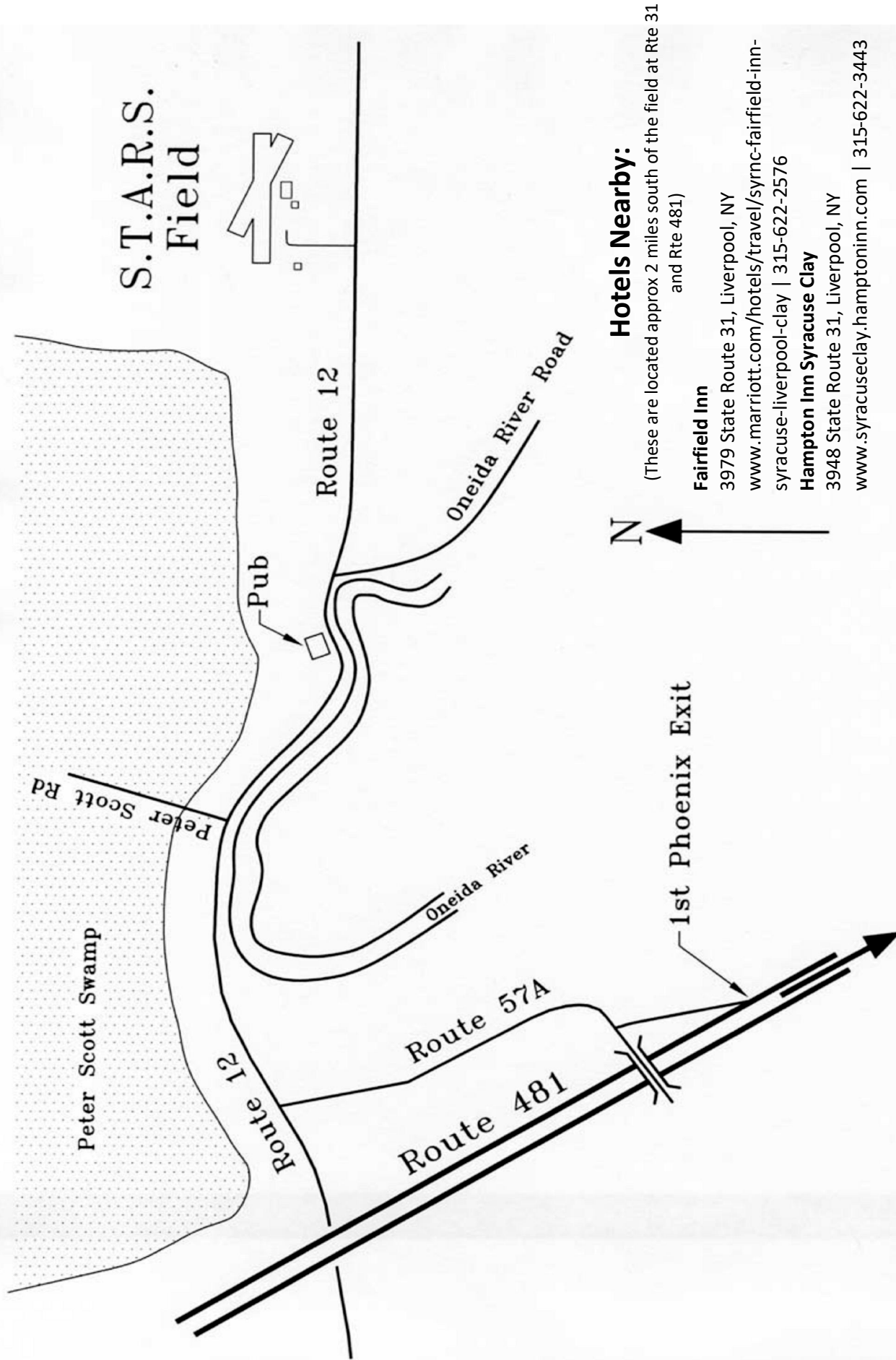
4. Replacement Courtesy:

- A. Where an individual's plane or property is damaged by the actions of another individual, it will be the responsibility of the two parties to resolve the situation in an appropriate manner.

STARS POLICY REGARDING PHOTOGRAPHY

- STARS is a membership organization organized under the laws of the State of New York.
- The STARS flying field, located in Phoenix, New York, is owned by STARS, and as such, is privately owned property.
- The purpose of this policy is to limit and restrict the reproduction of images, in any form, of the STARS property and the activities which occur thereon.
- While the STARS property is privately owned, members, guests, and the general public are welcome at the field during published field hours of operation. Members, guests and the public must adhere to all rules imposed by STARS regarding entry upon and/or the use of STARS property, including the STARS policy on photography.
- The reproduction of images of the STARS field or the activities thereon, in any form, is a privilege and not a right.
- Except as provided below, the reproduction of images of the STARS field or activities thereon in any form, including, but not limited to film and digital still photography, and video photography in either film or digital form, is strictly forbidden.
- Violation of this policy will result in immediate expulsion of the violator from the STARS premises, and may subject the violator to criminal and/or civil sanctions and penalties.
- Members in good standing of STARS shall be exempt from the above requirements so long as any images or video produced of the STARS premises or the activities thereon are for personal and non-commercial use.
- Guests and the general public may be permitted to photograph or video the STARS property and activities thereon, but only for personal and non-commercial use, and only with the prior written consent of the Club's executive board.

Map to the STARS



S.T.A.R.S.
Field

Route 12

Oneida River Road

Pub

Peter Scott Rd

Peter Scott Swamp

Route 12

Oneida River

Route 57A

Route 481

1st Phoenix Exit

N

Hotels Nearby:

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

Fairfield Inn

3979 State Route 31, Liverpool, NY
www.marriott.com/hotels/travel/syrnc-fairfield-inn-syracuse-liverpool-clay | 315-622-2576

Hampton Inn Syracuse Clay

3948 State Route 31, Liverpool, NY
www.syracuseclay.hamptoninn.com | 315-622-3443

To No. Syracuse
and Route 81

N43.23696, W76.24550

starsmap.dwg
rev 12 Feb 03

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



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