

Syracuse Thunderbirds Aero Radio Society



Plane Propwash



March 2015

Charter 473

The Next General Meeting will be April 8th, at 7:00 at Walt's HobbyTown.

2015 Officers

Ken Kadish, President
Dan Williams, Vice President
Bob Rowe, Treasurer
Jeff Wolsley, Secretary
Peter Seiffert, Safety Officer

Directors:
Chuck LeVine, 2011-2013
Peter Seiffert, 2007-08
Herb Moore, 2014

Volunteer Staff:
Jeff Wolsley, Propwash Editor
Michael Graham, SYG Administrator/Club Historian
Paul Volcko, Webmaster
David Jewell, Field Committee
Ralph Goldstrom, Facebook Admin

The next STARS meeting will be at Walt's HobbyTown, April 8th, at 7:00. As a reminder, the meeting is always the second Wednesday of the month. The STARS meetings will be at Walt's until spring.

Spring Is Broken

Winter is over, I hope.

As we anxiously await the coming of Spring, and the hopeful melting of the snow and ice, there are plenty of things to look forward to in the upcoming months.

Despite how terrible the weather treated us this year, the Snow Fly on March 1 was a success, with a terrific turnout and tolerable weather. Due to the very hard work of Paul Volcko, his father, Dan Williams (the younger), and his neighbor, the driveway and parking lot, as well as the areas around a few tables were plowed and snow blown to allow access to our field. Pizza, donuts and coffee were enjoyed by all, and no serious mishaps were observed or reported.

The next event, if you want to call it that, is our Spring cleanup on April 18 at 9:00 a.m. If at all possible, I ask all members, especially the young, strong ones, to make an appearance and to come prepared with both grass and garden rakes and a shovel. Last year, we had a good turnout, and it only took us about an hour to get the field spruced up for flying.

Heli and Multi Rotor Night starts April 21, followed closely by Fixed Wing Pre-Flight workshop on April 23 AT THE FIELD. Please note that Walt's HobbyTown cannot accommodate the Pre-Flight Workshop this year due to its curtailment in operating hours on Thursdays.

Regular Fixed Wing Flight School begins May 7.

We have had a positive response to the CPR survey, with 24 members indicating that they would be interested in this course. Most respondents indicated that weekend evenings would be best, and we are in the process of trying to nail down a date, most likely a Monday or Wednesday evening in either June or July.

Field improvements (fencing repair, drainage correction, flag pole repair, driveway repair, and tree trimming) will begin as the weather permits.

As a final note, we have received our 2015 Charter renewal from the AMA.

Please remember that dues are now due.

The next STARS meeting will be April 8, 2015, and I hope to see you all there.

Ken

2015 STARS dues are due. Please pay at the April meeting. Dues can also be sent to the Treasurer. After the January meeting, there is a \$10.00 per month late fee.

Secretary's Report: Jeff Wolsley

The February 2015 STARS regular meeting was called to order at 7:00. There were 13 Open Members, 5 Associate, 0 guest, and 0 youth members in attendance.

Secretary's Report:

The Secretary's Report from the February's news letter was approved. It was noted that many had not received the newsletter which was sent on 02/02. The news letter was re-sent immediately after the meeting. Motion to approve by Peter Seiffert and 2nd by Mike Graham. Carried.

Treasurer's Report: Ken Kadish (Bob Rowe not present)

The National Grid bill and taxes are all paid up. Motion to approve by Chuck LeVine and 2nd by Peter Seiffert. Passed.

Committee Reports:

Field Committee: Dave Jewell

Mowing has started- wishful thinking on Dave's part. Thanks to everyone who helped to get the driveway cleared out.

AMA: Peter Seiffert

Peter gave an update from the WRAM show DII meeting. The FAA NPRM- The content is staying as it is for now. It will be two years before it becomes law. The NPRM provides protection for AMA modelers. The commercial side is different and does not affect us.

The AMA is promoting the "Know Before You Fly" program. This is directed at retail purchasers of the quad copter type equipment. The manufacturers are including the AMA documentation voluntarily.

Safety Report: Peter Seiffert

Check your equipment now. Peter would like the electric pilots to start using the throttle hold feature on the transmitters. While it's not a rule, it is highly recommended.

Flight School: Ken Kadish (Bob Rowe not present)

The pre-flight workshop that was scheduled for Walt's has been moved to the STARS field. No change in the date and time. Ken announced the spring clean up will be April 18th. No rain date announced.

STARS Web Site: Paul Volcko

The site is currently up and running. Everything is updating properly.

Please view the field cam at:

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

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

This is an infrared cam so you can see some activity at night.

Old Business:

Control Line:

Mike O'Neil will coordinate events at the field.

Mike has a DVD of Joe Nall Week to loan out. Contact Mike if you are interested in borrowing it. [Mike O'Neil](#)

Facebook:

The STARS now have a Facebook page. There are 52 members at this time.

New Business:

Snow Fly 2015:

The Snow Fly went very well and everyone had a good time.

Model Aircraft Forum:

The MAF was profitable and all proceeds were donated back to the school. Attendance was up slightly. The swap shop did very well.

New Members:

No new members.

Future Planning:

Tree removal at the west end of the field. Peter Seiffert will direct the effort to begin during the spring cleaning.

AED/CPR-

Encouraged by the AMA for the field. The field program will grant 10% of the cost towards buying a device. The STARS have submitted an application. A 2nd grant was also submitted and requires CPR training as part of the award.

The CPR training is still under investigation at this time. The survey that Ken sent out indicated that 24 respondents were interested in the CPR training.

The Heli Jam and the Airshow dates have been submitted to the AMA. The dates will appear in the Model Aviation Magazine.

Adjournment:

The March regular monthly meeting of the STARS was adjourned at 7:22pm.

Secretary, Jeff Wolsley

After the Meeting Show and Tell

No after the meeting show and tell.

Safety Officer Report: Peter Seiffert

Please check your equipment prior to flying. See the included IMAA Big Bird Safety Checklist in the news letter

Calendar of Events for February- April (and beyond) Events: *Editor's Note- Also watch your e-mail for sudden changes to events like cancellations or re-scheduling due to weather.*

March 1- STARS Annual SNOW fly

March 28- OMAC RC Swap Meet

www.flyomac.org

April 18 0900 STARS field Spring Clean up.

April 18- FLAPS RC Swap Meet and Auction

**April 21- STARS Heli & Multirotor night
begins STARS field 5:00**

**April 23- STARS Pre-Flight Workshop Fixed
Wing Flight School 7:00 STARS
Field.**

**May 7- STARS Fixed Wing Flight School
starts STARS field 5:30**

**May 20th- Big Bird (Formerly IMAA) flying
starts at the STARS field. 1st and
3rd Wednesday each month.**

**June 27 STARS 7th Annual HeliJam
Indoor activities will be winding down. Look
for additional indoor events and updates to
indoor flying schedules!**

MoST Scheduled Events- The MoST has cancelled the demonstrations due to a conflict with an exhibit they have. Hopefully they will consider rescheduling. Stay tuned...

Indoor helicopter flying at Walt's- 5:00-8:30 Wednesdays. There is a 5.00 landing fee. For any additional information contact Walt's HobbyTown 453-2291

Camillus Indoor Aviators (CIA) indoor flying at First Baptist Church located at 1960 State Route 5 in Elbridge Tuesday and Friday 6:00 to 9:00 and the first Saturday of each month 4:00 to 9:00 (2.4GHz only)

Flight Schools- Heli and Multirotor night begins April 21st. Fixed wing preflight check in April 23 at the STARS Field. Fixed wing night starts May 7th.

Please visit the AMA DistrictII website or the Event Section in the back of Model Aviation for additional information on these and other event

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 everytime?

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's 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 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 & tailwheel: Left stick should move the rear of the rudder and tailwheel to the left.

Nosewheel: Left stick should move the front of the nosewheel 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 any hatches, cowls and canopies secure?

Are all components structurally sound?

Are 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 are 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:



Open 10-7 Tuesday thru Sunday.

315-532-6826

www.mexairrc.com

www.facebook.com/mexairrc

FOR SALE:

Please visit the Southern Tier RC Swap Shop. Dan Luchaco has included me in his mailing list. This is the current edition-

April 1st 2015.pdf

All contact information is included with the ads.

For Sale; Spectrum DX-8 DSMX transmitter, includes instruction manual, original box and packing, charger, original battery, LIPo battery and neck strap, no receiver. Transmitter is upgraded to current release. All in very good condition, about 5 years old. Selling because I bought a new transmitter.

\$150.00

Peter Seiffert, 635-6370 or pseiffert2@gmail.com

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

Links-

New website to check out- <http://www.flyboyzblog.com/>

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

how to build a rc jet B-1 Bomber # 173 pt 1

hornitpilot 404 videos Edit Subscription



A REALLY COOL WEBSITE- Thanks to former STARS member Rick Colvin for pointing this out at the June 2009 meeting-

For those of you who ever wanted to learn how to make a fiberglass plug and molds, this is the guy to check out. Even if the plane in the project doesn't interest you, the education from the process may. Bob Moore (B1 Bob) takes you through each process step by step, including the "Bob-o-neered" parts. He shows you how to make professional looking parts in his garage workshop. This includes carbon fiber composite parts as well as the use of light weight foam to produce so really impressive light weight but very strong parts. He shows all- the good and the bad, so you get to learn right along with him. If the YouTube hyperlink doesn't work, copy the following URL into your browser line and click go. It's over 3000 videos. Bob has recently started a new kit that he will be selling to help fund the

new/improved B-1. He is also making custom parts for other modelers to correct or repair their composite jets. The original B-1 is for sale on RC Universe. Bob promises that he will be starting on the improved B-1 this winter. How To Build A B-1 Bomber 10 Minutes At a Time. http://www.youtube.com/watch?v=HqTKJU6PikA&feature=channel_page

This is the link to the web site- <http://www.b1modelproject.com>

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 recently. An excellent site for Lipo battery info-
<http://sites.google.com/site/tjinguotech/charging-how-tos/balance-connectors>

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

Mike Graham has a torque conversion chart-



Arming Switch Information-

AMPØ- 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 ESCs 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 is:

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

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



1001 Park Avenue
Syracuse, NY 13204
P: 315 428 8997
F: 315 428 9109
info@sascs.org
www.sascs.org

SYRACUSE ACADEMY
OF SCIENCE CHARTER SCHOOL

March 16, 2015

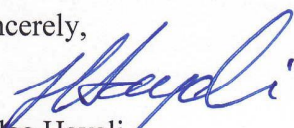
Attn: Aero Radio Club of Syracuse
Syracuse Thunderbirds Aero Radio Society
Central New York Indoor Flying Society
Camillus Indoor Aviators
Walt's Hobby


On behalf of the staff and students at Syracuse Academy of Science, we wish to offer our sincere appreciation for your generous donation toward our students' academic activities.

Now more than ever, it is important for our students to perform at and above the fundamental levels in technology, math, science and engineering. Because of the support we have received from the Model Aircraft Forum, the participating clubs and Walt's Hobby, we continue to expand our programs and open new opportunities for SAS students.

We appreciate your support, and will continue to share with you future Syracuse Academy of Science student achievements.

Sincerely,


Tolga Hayali
Superintendent


Linda M. Spencer
Chief of Staff

RCCR Swapmeet

Our Mother of Sorrows Church

5000 Mount Read Blvd

Rochester, NY 14626



Saturday



Feb 21st, 2015

9:00am – 3:00pm

\$5 table fee

\$3 entry for 12 & over

for more information:

www.rccr1957.com



S.T.A.R.S.

Flight Training Program



2015



When?

**Every Thursday evening from 5:30 PM to Sunset
May 07, 2015 through September 10, 2015**

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 THE STARS FIELD
Thursday April 23, 2015 at 7 PM**

Interested?

Contact:

SENIOR FLIGHT INSTRUCTOR: Bob Rowe (474-8428)

Syracuse Thunderbirds Aero Radio Society

Phoenix, NY

Charter 473



S.T.A.R.S. 2015 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 - April 21 to October 13
5PM until Dusk**

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

FLAPS presents:

Thirteenth Annual

RC Swap Meet & Auction

Saturday, April 18, 2015

Now located at

NEW SITE!

Vince's Park

4 Miles east of Exit 41!

2976 Route 318, at intersection of Route 318 & 5&20, Seneca Falls 13148

Swap Meet - 9:30

Auction - 11:30

Doors open 9:00 am

\$5.00 Admission (ladies & children free)

No Auction Fees

Tables provided no charge

Food and Refreshments available

50/50 Drawings, 10:00 & 11:30

Drawings for door prizes

Tickets on sale for other great Prizes

NEW SITE!



Directions:

From the Thruway Exit 41 (Waterloo):

Turn right on Route 414 and south to Route 318, turn left, Vince's Park is 4 miles, on the right.

From the South:

Take Route 5&20 to intersection of Route 414, between Seneca Falls & Waterloo. Go North on 414 toward Thruway Exit 41, turn right on Route 318, Vince's Park is 4 miles, on the right.

New LARGER Location:
Easy Access! - Great Deals!
More Space - Lots of Parking

2976 Route 318, Seneca Falls, NY 13148
8 miles east of Premium Outlet Mall
4 miles east of Exit 41



Join Us for a Good Time!

Lat 42.948847
Long -76.772246

Finger Lakes Premier Swap Meet!

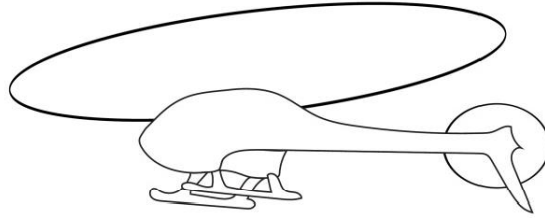
Sponsored by the Finger Lakes Air Pirates Inc.
AMA Gold Leader Club #101

Visit us at: www.flapsrc.com

7th Annual

CNY Heli Jam

June 27, 2015



Hosted by

S.T.A.R.S.



Sponsored by



PILOT REGISTRATION FORM

R/C Helicopter Fun Fly

June 27, 2015 10AM – Until ?

S.T.A.R.S. Field 649 County Route 12, Pennellville, NY 13132

Pilot Name: _____

Address: _____

AMA #: _____

E-Mail: _____ Phone: _____

Pre Registration Fee \$10.00 due by 6/5/15 (This is to reserve a shirt)

Registration at field: \$15.00

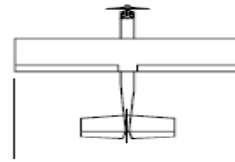
Official T Shirt : ___M, ___LG, ___XL, ___XXL, ___3XL (One per pilot)

Total: _____ Make check or money order payable to S.T.A.R.S.. *Please don't send cash! Please print this form and mail check or money order to:*

S.T.A.R.S.
c/o Paul Volcko
5237 Kasson Rd.
Syracuse, NY 13215

Will you need an overnight camping space? We have space for a few. *NO HOOKUPS*. Let us know.

S.T.A.R.S. 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. Impound: All pilots, students, and flying guests must place their transmitter(s) in the impound area immediately upon arriving at the field.
- C. Vehicles: Vehicles will not be permitted on the flying field.
- D. 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.
- E. Trash: All members will take home their own trash.
- F. Alcoholic Beverages: Members will not consume alcoholic beverages prior to, nor during, participation in any *modeling* operations.
- G. Smoking: Smoking will not be permitted in the pit area or on the flight line.
- H. 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 must use a buddy-box system with an FPV spotter while learning to fly FPV.
- (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 15 lbs. and a speed of 70 mph.

STARS

Field Protocol

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

5

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.

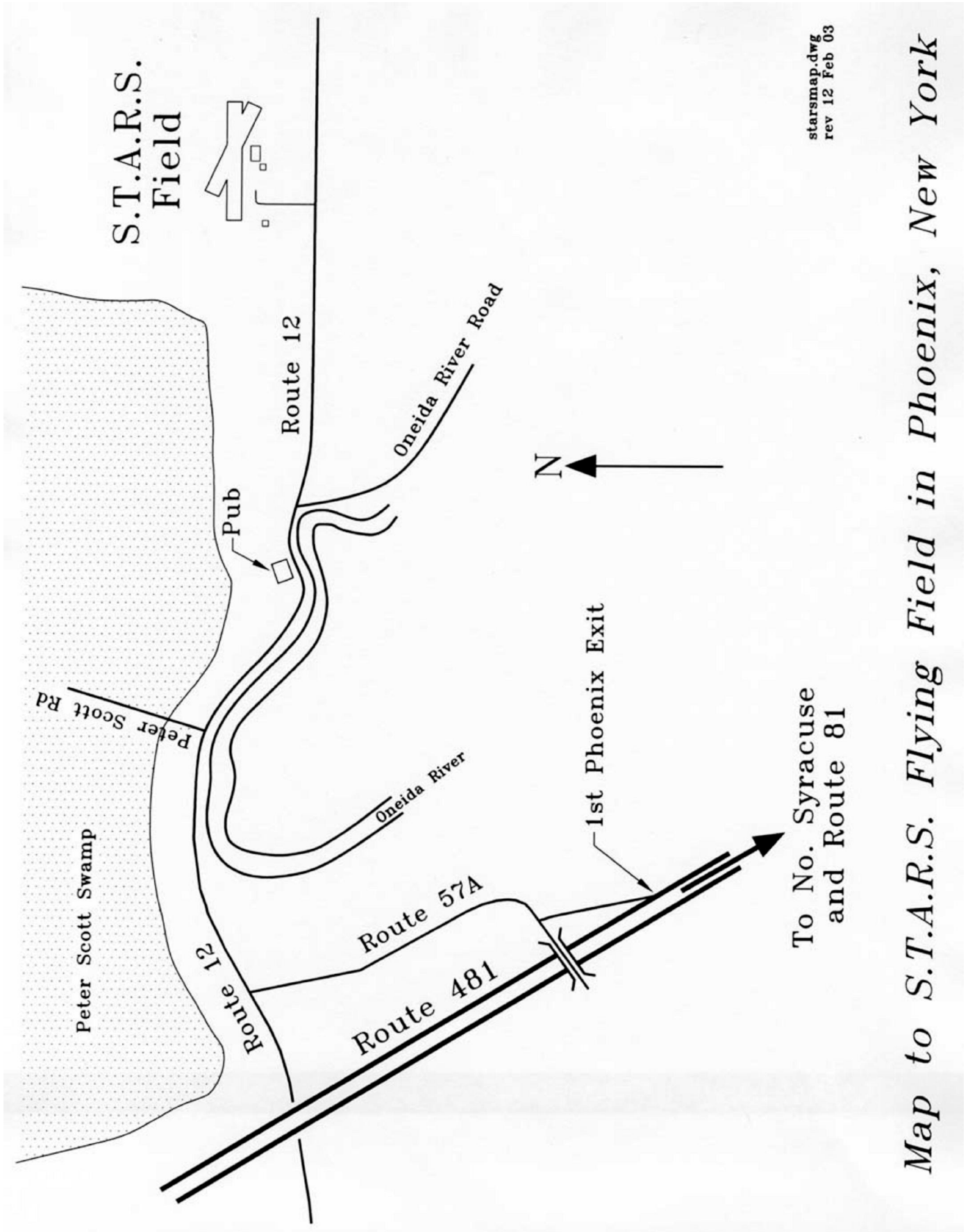
4. Replacement Courtesy:

- 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



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 (\$220.00 share+dues) Extra Family member (\$30.00)
 Associate (\$75.00) Youth (< AMA age 19 - \$5.00)
 Park Pilot - Associate (\$75.00) Park Pilot - Youth (< AMA age 19 - \$5.00)

Name: _____

Address: _____

Phone: _____

AMA: _____ DOB: _____

RC Channels Used: _____

STARS Member(s) Contacted: _____

Primary Interests (Sport, Scale, Pattern, Fun Fly, etc.): _____

Other Club Affiliations: _____

Email Address (for newsletter and notices): _____

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 04Dec13