

## Syracuse Thunderbirds Aero Radio Society

# *Plane Propwash*

February 2014

Charter 473

**The Next General Meeting will be March 12<sup>th</sup>, at 7:00 at Walt's**

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### 2014 Officers

Herb Moore, President  
Carl Moore, Vice President  
Bob Rowe, Treasurer  
Jeff Wolsley, Secretary  
Peter Seiffert, Safety Officer

Directors:  
Chuck LeVine, 2011-2013  
Peter Seiffert, 2007-08  
Bill Orr

Volunteer Staff:  
Jeff Wolsley, Propwash Editor  
Michael Graham, SYG Administrator/Club Historian  
Chuck LeVine, Webmaster  
David Jewell, Field Committee

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**The next STARS meeting will be at Walt's March 12th, 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.**

President's Perspective:

### Spring Fever

Is any body getting "cabin fever" and the need to fly something? I'm sure there are a lot of yes's to that question. Here we are in the beginning of March with tons of snow still on the ground. I guess I'll blame it on the "groundhog".

Thank you's go out to everyone that attended the March 2nd Snow Fly. The weather didn't let us down. We had snow most of the day but a lot of pilots got a lot of good flights in and it felt good to talk to others about our addiction. Special thank you goes out to Dan Williams for arranging to get the driveway plowed -twice and also to Ellen Steele and her hubby for driving a long way in not such good weather so we all could have a great bowl of chili.

Folks this club is a volunteer organization and without different people stepping up to help we will go nowhere. Last month I asked for one or two people to come forward and help Chuck with the HeliJam. As of this writing I don't think anyone has come forward. Everyone wants new and better things for the STARS club, but without volunteers not much of it is going to happen.

Let's hope the next time I write one of these perspectives we can see green grass. So get the final touches done to the new airplane, helicopter, or multi-rotor and let's fly. SAFELY.

Herb Moore

## **Secretary's Report: Jeff Wolsley**

The February 2014 STARS regular meeting was called to order at 6:59. There were 15 Open Members, 5 Associate, 1 guest, and 0 youth members in attendance.

### **Secretary's Report:**

The Secretary's Report from the January Meeting was approved without any correction. Motion to approve by Peter Seiffert and 2<sup>nd</sup> by Chuck LeVine. Carried.

### **Treasurer's Report:** Bob Rowe

Our AMA charter has been renewed. There are eight open and 12/13 associate members that have not paid their dues yet. The treasure is still in excellent health. Motion to accept by Chuck LeVine and 2<sup>nd</sup> by Peter Seiffert.

### **Committee Reports:**

#### **Field Committee:** Dave Jewell

Nothing new to report. The driveway will be plowed for the SnowFly, depending on the weather.

#### **AMA:** Peter Seiffert, AMA District II, AVP

There are 18 STARS members that have not renewed their AMA memberships as of the February Meeting.

2014 Leader Club Report- IMAA charter started at STARS. John Steele is heading up the group. Membership is 25.00/yr and includes the magazine. See the IMAA declaration later in the Propwash.

National Aviation Day event has been registered and sanctioned by the AMA.

Peter reported there is an increased interest in FPV and multi-rotor helis. Note the rules for any aircraft flown with FPV require a spotter and the aircraft must remain within direct line of sight of the spotter and pilot.

AMA signed the agreement with the FAA. All the agreement details are on the AMA website.

Still will host the Boys/Girls Scouts. There are approximately 130 in attendance at these events. The January and February demos were a success. There are two dates left in the schedule- 02/22 and 03/08. Contact Peter Seiffert if you are interested. The format is a Q&A session with 1/2hr of flying. From 6:30pm to 7:30pm. Trying to resolve conflict with the WRAM show date.

#### **Safety Report:** Peter Seiffert

Not much to report at this time.

#### **Flight School:** Bob Rowe

Fixed wing is all set. Please attend the check up at Waltø on April 24<sup>th</sup>. Heli School starts 04/22.

#### **STARS Web Site:** Chuck LeVine

Chuck has updated the website with event pictures and a calendar. Chuck is also the new head of the AMA DII website.

Volunteers are needed to help maintain the field cameras and other computer hardware. If you are interested, please contact [Chuck LeVine](mailto:Chuck LeVine). 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:**

### **Model Aircraft Forum:**

The MAF attendance was down a little. The number of registered pilots was also down. The static display was fantastic. The MAF committee is looking for improvement suggestions. Contact Peter, Chuck, or Herb if you have any ideas.

### **STARS Club Hats and Shirts:** Bob Rowe

Get your hats before the HeliJam. Bob has more hats! The price is \$ 15.00 Please see/contact Bob if you are interested in a STARS shirt. Bob has a catalog with the shirt styles, with the STARS logo embroidered on it. The price varies from 10.00-40.00 dollars. These are **nice** shirts.

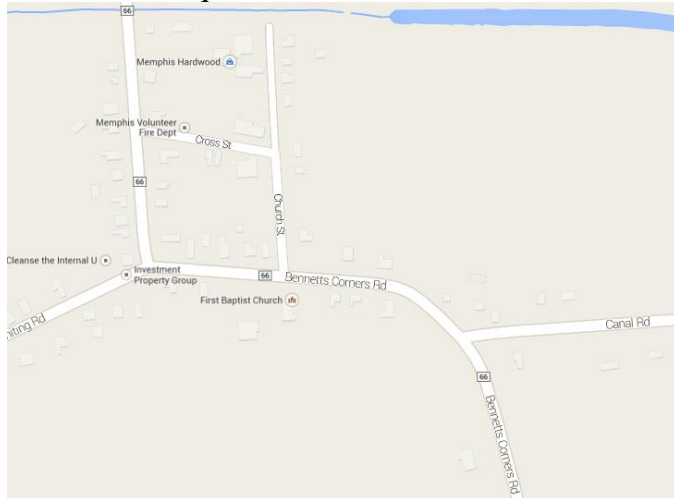
### **Facebook:**

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

## **New Business:**

### **New Indoor Club:**

A new indoor club has formed. A formal organization meeting was held approximately 1 1/2 weeks ago. The new club meets at the First Baptist Church of Memphis. Dues are \$12.00/yr. 2.4 and AMA are required. Times to be established.



### **New Members:**

Ed Zobel. Ed is from Waltø. Carried.

### **New Field Equipment:**

An AED device was discussed. A refurbished model can be obtained for less than \$300.00. It must be certified regularly. Training will be needed. The Red Cross can certify in hands only CPR. More to come on this.

### **Adjournment:**

The February regular monthly meeting of the STARS was adjourned at 7:32pm.

***Secretary, Jeff Wolsley***

## **FPV Frequency Information**

As a matter of information, the STARS club will follow the AMA guidelines as set forth in Document 550 %Radio Controlled Model Aircraft Operation Utilizing %First Person View+ Systems+which states in part:

**h) 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.**

Additionally the pilot of such FPV aircraft may be asked to certify that they are in compliance with Paragraph h as stated. The club reserves the right to disallow the use of equipment or pilot at the field that do not follow the above guideline.

This has become a very important issue as the majority of the FPV devices come from non-US based vendors or manufacturers and the information, if provided, does not furnish the end user with adequate accurate data to comply with FCC standards and requirements.

**Therefore it is incumbent upon each individual user to become very familiar with and comply with the FCC regulations.**

## **FPV Frequency Source Information**

<http://transition.fcc.gov/oet/info/rules/>

<http://www.gpo.gov/fdsys/pkg/CFR-2011-title47-vol1/pdf/CFR-2011-title47-vol1-part15.pdf>

[http://transition.fcc.gov/Bureaus/Engineering\\_Technology/Documents/bulletins/oet63/oet63rev.pdf](http://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet63/oet63rev.pdf)

<http://www.arrl.org/part-15-radio-frequency-devices#ISM>

<https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=27980&switch=P>

All equipment should have a FCC ID. All intentional radiators under Part 15 must have a Declaration of Conformity and a Certification. It appears nothing is license-free unless it specifically has a valid FCC registration number printed on it (or printed in the manual if the device is too small for a label). It is the registration number, and only the registration number, that allows license-free use. No other criteria will allow license-free operation in the USA. NOTE: 5.4Ghz is not approved by FCC.

## IMAA

The International Miniature Aircraft Association, Inc. (IMAA) is formed for the purpose of fostering and advancing the operation of large scale radio controlled model aircraft in a setting where informality and safety of operations prevail. Additionally, it is formed to create an atmosphere where pleasure, recreation, fellowship, and co-mingling can be fostered and found to exist amongst individuals enjoying the sport of building and flying large scale radio controlled model aircraft.

### **Definition of Large or Giant Scale:**

The concept of large or giant scale is generally considered to apply to radio controlled model aircraft with minimum wingspans of eighty (80) inches for monoplanes and sixty (60) inches for multi-wing aircraft. Ducted Fan and Turbine air craft with one hundred forty (140) combined length and width, measured from wing tip to wing tip at the widest point perpendicular to the fuselage and added to the length of the fuselage, excluding any protrusions. Autogyros with 50 inches for a single rotor, 80 inches for a dual rotor. Quarter (1/4) scale replicas or larger with proper documentation (minimum 3 view drawing of an actual person carrying aircraft) which do not fit the size requirements will be permitted. However, the concept does not encompass radio controlled model aircraft so large as to have the potential of carrying a human being.

### ***After the Meeting Show and Tell***

No after the meeting show and tell

### ***Safety Officer Report: Peter Seiffert***

Start the spring housekeeping. Check for any issues that may have developed over last season's flying or from hanger rash during the winter.

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**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.*

**February 15 RCCR Swap Meet Rochester**

**July 26 Old Forge Fun Fly**

**February 15 Oneida Lake Flyers Swap Meet**

**August 16 STARS National Aviation Day fly in**

**February 21-23 WRAM Show**

**March 2 STARS Snow Fly**

**Indoor activities have started. Look for additional indoor events and updates to indoor flying schedules!**

**June 28 HeliJam 6th An.**

**Indoor helicopter flying** at Walt's- 5:00-8:30 Wednesdays and Thursdays. For any additional information contact Walt's Hobby 453-2291

**Flight Schools-** Flight Schools open April 2014.

**MoST Volunteer Schedule-** There will be four indoor flying sessions with the Boy and Girl Scouts on January 18<sup>th</sup>, February 8 & 22, and March 8<sup>th</sup>. Five to six volunteers are needed for the sessions which run about one and a half hours. The session consists of about an hour of Q&A and ½ hour of flying. Sessions start at 6:00pm and end about 7:30pm.- Please contact [Peter Seiffert](#) if you wish to volunteer.

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

## These are the details on the new indoor club-

Pastor Art George extended his invitation to our group of indoor flyers, and offered a tour of his brand new First Baptist Church located at 1960 state Route 5 in Elbridge - just west of Bennett's (Rt. 321) Corners. Our Pastor Mark Ferry visited this facility some time ago and was tremendously impressed with both the architecture and quality construction. But of particular interest, were the gym and its enormous floor area of approximately 80' X 55'. With the exception of 2 non-retractable basketball hoops, there are absolutely no obstructions; the gym has recessed ceiling lights and radiant heat in the floor - I think flying light model aircraft was in the engineers mind when they drew up the design. Most important, Pastor George is very enthusiastic to open this magnificent area to our organization - we naturally made several demo flights, which he also took part in and I might add, performed well with a couple coax and quad copters.

Our February 2, 2014 meeting was attended by the following enthusiasts:

Phil Artese, Joe Chovan, Mark Ferry, Kevin Jones, Al Metz, Rick Peck, Bob Preske, Peter Seiffent, John Spencer and Herb Ziegler  
Several individuals volunteered to become officers:

Mark Ferry	President
Phil Artese	Vice President
John Spencer	Secretary / Treasurers
Bob Preske	Safety & Contact

We plan to become a sanctioned club of the Academy of Model Aeronautics, that being the case, Herb Ziegler offered to prepare and submit the necessary chartering materials to the AMA. He further agreed to pick-up the costs incurred, until we are able to reimburse him sometime in the near future.

The next order of business was to come up with a suitable name for our club, which is required for the above chartering paperwork. Each attendee submitted ideas to Herb, he in turn compiled the suggestions and we voted. There were several excellent possibilities, but we unanimously selected Camillus Indoor Aviators, or the "CIA" as the preferred shortened version. With the official club name, our chartering materials have been submitted to the AMA. As soon as the confirmation is received and the Church insurance is in effect, we will be able to utilize this site and fly.

Joe Chovan checked Google and learned that the CIA is 1.9 air miles from the ARCS flying field in Marcellus. Therefore it will be necessary to restrict our RC activities to the spread spectrum 2.4 GHz frequency. This shouldn't cause any undue hardships in that most of us are already utilizing this technology.

Mark Ferry has been in contact with Pastor George, working on a schedule which will not interfere with any or the Church activities. They have developed an extremely generous program for us, which hopefully will provide ample flying time for everyone:

- 1) We will have Tuesday and Friday evenings from 6pm thru 9pm each week
- 2) Plus, the first Saturday of each month, from 4pm thru 9pm
- 3) In addition, weekday afternoons are not normally scheduled for any activities and therefore could be available to us. However, we must first phone the Church to confirm. [\(315\) 247-7441](tel:3152477441)
- 4) Bob Preske, is our telephone contact regarding Church entre, he lives quite close and will make himself available at times when the door is locked. His phone numbers are [\(315\) 487-1286](tel:3154871286), and cell [\(315\) 383-0991](tel:3153830991)

We will make an e-mail announcement as soon as the chartering paperwork is complete and returned, but until that time there will be no flying in the Church. We also must repay Herb for his generosity and therefore plan to discuss finances so that a budget can be developed and dues levied.

John Spencer [\(315\) 689-3402](tel:3156893402)

## Advertisements:

### FOR SALE:


*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@ix.netcom.com](mailto:jwolsley@ix.netcom.com). 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 in 2014. How To Build A B-1 Bomber 10 Minutes At a Time. [http://www.youtube.com/watch?v=HqTKJU6PlkA&feature=channel\\_page](http://www.youtube.com/watch?v=HqTKJU6PlkA&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/tjinguitech/charging-how-tos/balance-connectors>

Peter Seiffert sent along the following web site- [www.servodatabase.com/servos/all](http://www.servodatabase.com/servos/all)

Mike Graham has a torque conversion chart-



### Arming Switch Information-

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

[http://www.rcuniverse.com/magazine/article\\_display.cfm?article\\_id=950](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 06:01am. 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 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/](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](mailto: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**

# ***RCCR Swapmeet***

**Our Mother of Sorrows Church**

**5000 Mount Read Blvd**

**Rochester, NY 14626**



***Saturday***

***Feb 15th, 2014***

**9:00am – 3:00pm**

**\$5 table fee**

**\$3 entry for 12 & over**

*for more information:*

[www.rccr1957.com](http://www.rccr1957.com)







# S.T.A.R.S.

## Annual 2014 Snow Fly



### When?

**Sunday, 2 March 2014**

11 AM to 4 PM

### Where?

**S.T.A.R.S. Field in Phoenix, NY**

(See map on back)

❄️ **Admission: *NONE*** ❄️

**Open Flying - fly when you are warm enough!**

**Heated, enclosed pavilion.**

**Power available for charging batteries.**

**Food & Beverages to be served all day.**

**Come and fly all day!** ❄️

***For more information, contact:***

***Herb Moore, President: 593-2539***



**Sponsored by the Syracuse Thunderbirds Aero Radio Society, Inc.**

# **S.T.A.R.S.**

## ***Flight Training Program***



# **2014**



### **When?**

**Every Thursday evening from 5:30 PM to Sunset  
May 08, 2014 through September 11, 2014**

### **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 Walt's Hobby  
Thursday April 24, 2014 at 7 PM**

### **Interested?**

**Contact:**

**SENIOR FLIGHT INSTRUCTOR: Bob Rowe (474-8428)**



*Syracuse Thunderbirds Aero Radio Society*  
Phoenix, NY  
Charter 473

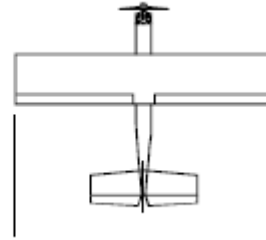
# 2014 Helicopter Flight School

*All skill levels welcome but must be a current AMA Member and provide your own outdoor Helicopter*

**Tuesday evenings – April 22 to October 14  
5:00 pm until dusk**

**Come join us for fun, food and good flying.....**

# 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. 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, 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.

15Nov13

*STARS Club Rules End*

# 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:

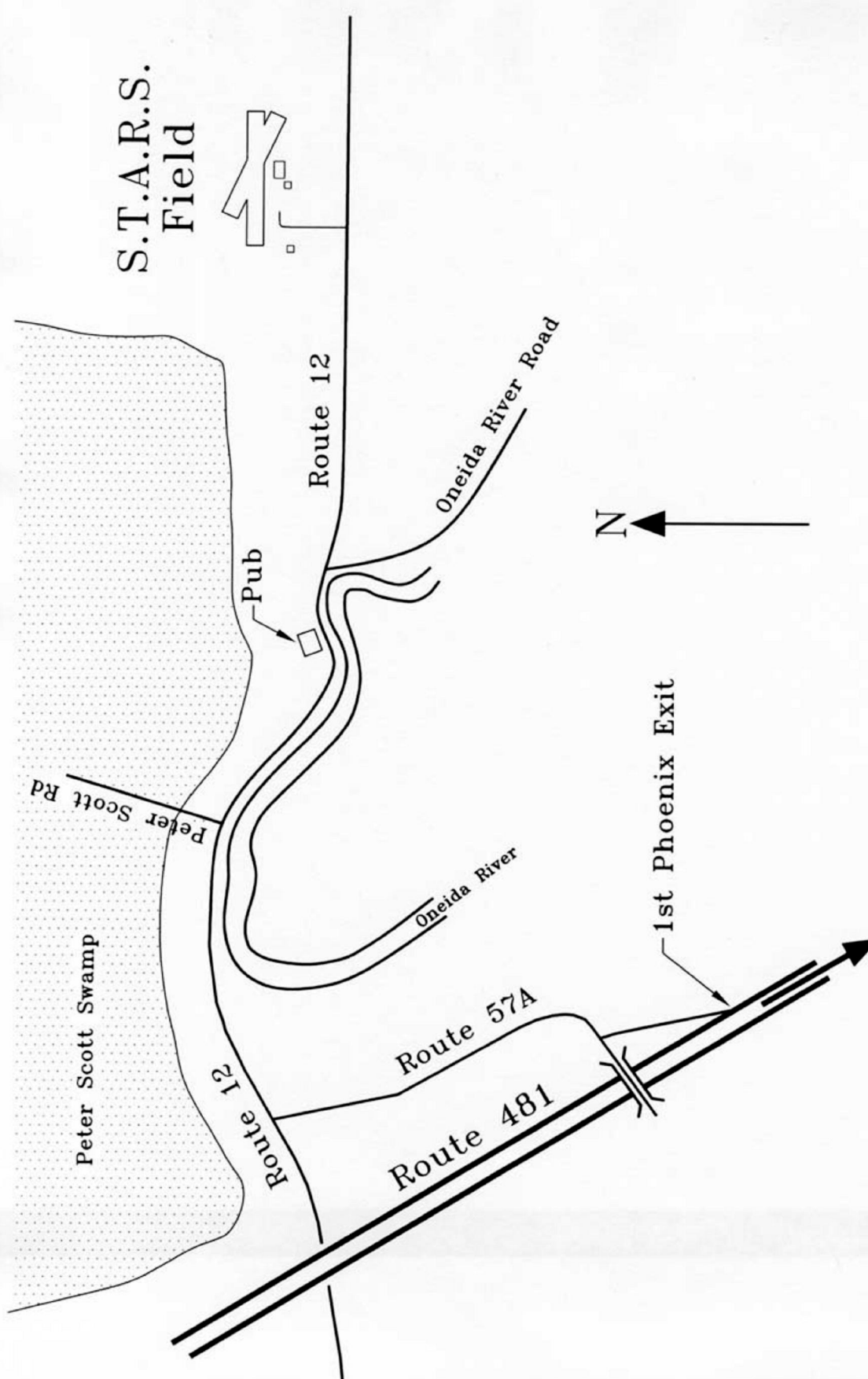
- A. Where an individual's plane or property is damaged by the actions of another individual, it will be the responsibility of the two parties to resolve the situation in an appropriate manner.

## **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

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: \_\_\_\_\_

Desired Name on Nametag: \_\_\_\_\_

Email Address (for newsletter and notices): \_\_\_\_\_

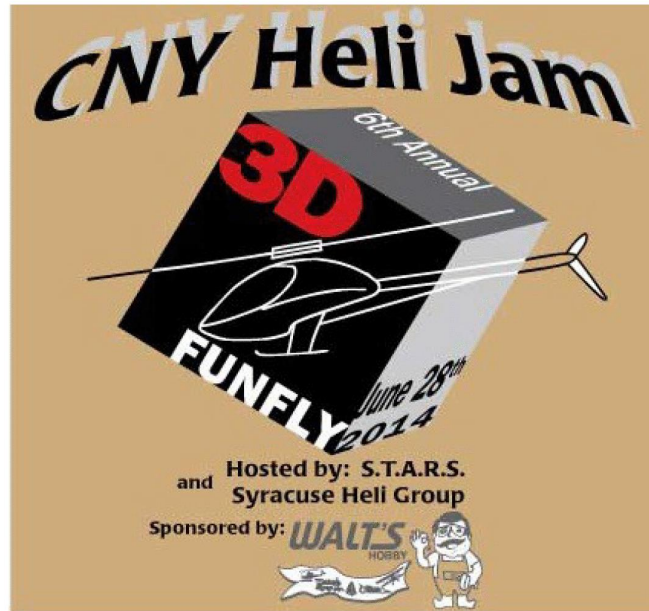
You must be a current member of the Academy of Model Aeronautics (AMA) in order to join the STARS. Please show your AMA card to the Officer given this application or include a photocopy of the application for the license.

*"I have read and agree to abide by the STARS Field Safety Rules."* (See rules above)

\_\_\_\_\_

**Submit this form to a Club Officer**

Rev 15Nov13



## PILOT REGISTRATION FORM

R/C Helicopter Fun Fly

**June 28, 2014 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 6/8/14** (This is to reserve a shirt)

**Registration at field: \$15.00**

**Official T Shirt : \_\_\_ 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 Chuck LeVine  
785 Fyler Rd. Lot 50  
Kirkville, NY 13082**

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

S.T.A.R.S. c/o Chuck LeVine

785 Fyler Rd. Lot 50  
Kirkville, NY 13082

***Plane Propwash***

Syracuse Thunderbirds Aero Radio Society  
Monthly News Letter  
February 2014