

Syracuse Thunderbirds Aero Radio Society

Plane Propwash

February 2012

Charter 473

Corrections are in RED

The General Meeting will be at 7:00 at Walt's on March 14

2012 Officers

Chuck LeVine, President
Phil Morgan, Vice President
Bob Rowe, Treasurer
Jeff Wolsley, Secretary
Peter Seiffert, Safety Officer

Directors:
Roy Fields, 2010
Peter Seiffert, 2007-08
Scott Erich, 2006

Volunteer Staff:
Jeff Wolsley, Propwash Editor
Michael Graham, SYG Administrator
Howard Blair, Webmaster
Herb Moore, Field Committee

The next STARS meeting will be March 14, at 7:00. As a reminder, the meeting is always the second Wednesday of the month.

House Passes Aero-Modeler Bill

President's Perspective

We are off to a great start to the year - the Auction was well attended and successful. The Model Aircraft Forum was also a winner and well attended. Our annual Snowfly was quite successful with over 22 pilots, with most getting in at least one flight. I would like to thank all of our members who volunteered and attended the MAF and the Snowfly.

Speaking of volunteers, I very much appreciate the members that have stepped forward to fill the vacancies in our various work groups. We are in pretty good shape as we head into the flying and show season, but as always we can always use additional help. Please do not hesitate to step up to the various needs of your club.

In addition I would like thank Roy Fields and Phil Morgan for putting on great after meeting

presentations. They were both informative and entertaining. Our plan is to do more of these after meeting presentations. If there is something you would like to see or do please contact Phil.

While Congress has passed positive legislation to protect model aviation, it is in our best interest for us to support AMA during any forthcoming efforts with the FAA. They may still promulgate rules that might adversely affect model aviation.

As indicated in a previous issue of the Propwash we are moving forward with plans for the forthcoming season for improvements at the field. First up will probably be to fix and improve our driveway. In addition, continue our discussion about replacing the old storage building and investigate the feasibility of installing WiFi in the club house. If you have ideas or questions, please do not hesitate to let me know.

Chuck

Please get your dues in. The dues can be paid at the monthly STARS Meeting, or sent to the STARS Treasurer. Remember, after January there is a 10.00/month late charge. The current late fee is 20.00.

If you can't make the meeting, send Your Dues to: Bob Rowe, 211 Sedgwick Drive, Syracuse, NY. 13203

Secretary's Report:

The February 2012 STARS regular meeting was called 6:58pm. There were 15 Full members, 10 Associate member, 0 youth member, and 0 guests in attendance.

Secretary's Report: The Secretary's Report from the January meeting was submitted. Motion to approve by Mike Graham and 2nd by Rick Colvin. Carried.

Treasurer's Report: Bob Rowe

Treasurer's Report from the January meeting was submitted. There are still a couple of open and associate member's dues outstanding. Motion to approve by Dave Jewell and 2nd by Michael Graham. Carried.

Committee Reports:

Field Committee: Herb Moore

Water and ice on the field, but no snow.

AMA: Peter Seiffert, AMA District II, AVP

A bill was passed by the House and Senate protecting model aircraft. The special ruling says that model aircraft must be flown for hobby or recreational use. The aircraft must be flown within the guidelines of a nationally recognized organization (AMA). The aircraft must not exceed 55#s unless a waiver has been granted by the nationally recognized organization.

The full details of the bill are available on the AMA website. This is a step in the right direction.

Even though the ruling has been made, the FAA can still impact us. Keep an eye out for further information from the AMA regarding this. The FAA has pushed off the rule making report but should be on again this spring.

The MoST has started again. There were two volunteers at last weekend's event. Please volunteer. Again, the presentation is the first Saturday of the month. **The next date is 4/7.** Please contact Peter to volunteer pseiffel@twcny.rr.com.

Safety Report: Peter Seiffert

No new safety items for the February meeting

Flight School: Bob Rowe

The flight schools will be back soon. April 24th is the first night of Heli flight school. **April 26th is the Fixed Wing pre-flight check out at Walt's.** May 10th is the first night of Fixed Wing.

Please think about volunteering to help out.

STARS Web Site: Howard Blair

Please check out the STARS site. Give your feedback to Howard for continued improvements.
<http://www.amadistrictiistars.org/>

Old Business:

Heli Jam:

The event is on for June 30th.

Club Survey: Chuck Levine

Thanks to the 45 members who participated. Of those, 44 were happy with the club direction, 1 was not. Chuck would like to hear from the 1 to find out what they don't like.

Long Range Planning:

Proposals were made for 2012-

- Remove old building and replace with 8x10 building. Approximately 2,300.00
- Benches. Bob Prugger's family has offered a memorial bench in Bob's name. We would like to have the membership on hand for dedication.
- Clear driveway for winter. Authorization granted for 450.00 for snow blower- Motion by Carl Moore and 2nd by Peter Seiffert. Carried with one dissention.

STARS Hats: Bob Rowe

Bob has more hats! The price is \$ 15.00

Bus Trip to WARM Show:

Phil Morgan proposed a bus trip to the WRAM show. There were not enough sign ups to justify a bus for the trip. Instead two vans will be used to carry the committed participants to the show. The cost will be approximately \$40.00per + admittance fee and meals.

CNY Model Aircraft Forum: Peter Seiffert

The January 2012 MAF drew over 150 guests. There were 38 registered pilots. This was a good event turnout overall. See you all next year.

New Business:

New Members:

No new members for the February meeting.

Snow Fly:

The Snow Fly is on March 4th. Please come out and fly!

Adjournment:

The February regular monthly meeting of the STARS was adjourned at 7:16 pm.

Secretary, Jeff Wolsley

After The Meeting...

Roy Fields presented a vacuum forming seminar. Roy showed the results of his efforts to vacuum a complex canopy shape and how he designed the mold. Roy showed his vacuum forming machine that he made, and the complex plug for the canopy.

The plug is made from plaster. The mocked up canopy Roy was used to make the mold. Roy suggests mixing the plaster thinner to help prevent air bubbles from forming. The plaster is poured into the mold. The mold must be set up before pouring in the plaster. The plaster media sets up quickly so there is little time to work. The plaster plug was removed and smoothed. Any imperfections left on the plug will be transferred to the finished part.

Phil Morgan did a presentation on precision measurement. Many of the tools Phil brought with him are available from Harbor Freight and are not expensive.

Phil also showed us that if you have a smart phone, there is a level app available that turns the phone into a level that is +/- 1/10deg accurate. A digital caliper is very handy as well and again is inexpensive.

Phil has also made some simple fixtures to hold some of these tools to make them very useful such as an incidence meter for setting up heli blades. Phil showed how easy it is to set up heli blade tracking. Once the tail boom is leveled, the blades can be leveled to the tail boom.

Even more simple, Phil has a steel flat bar that is drilled at the center to fit the motor shaft in place of the prop. With the motor pitch set to 0/0, the bar can be used to track the wing and stab tip positions. The smart phone incidence meter can set up motor pitch as well.

Phil also presented his new Carbon-Z Scimitar. This is a ducted fan EDF aircraft. It has very sophisticated controls including left and right thrust vectoring. Mechanical retracts were added as well.

Phil is in the process of programming his radio equipment to fly it. He has been in contact with one of the developers of the plane who is sharing the programming requirements. These

Roy is using .030thk. PPL plastic sheet. The plastic sheet is held in a wooden frame and placed in a pre-heated oven at 350deg. The plastic will sag, tension, and then sag again. This is when it's ready for the vacuum former. The size of the part will determine the size of the sheet. For Roy's part, the plastic sagged approximately 4". Make sure to block up the frame in the oven so the sagging plastic doesn't contact any surfaces/racks.

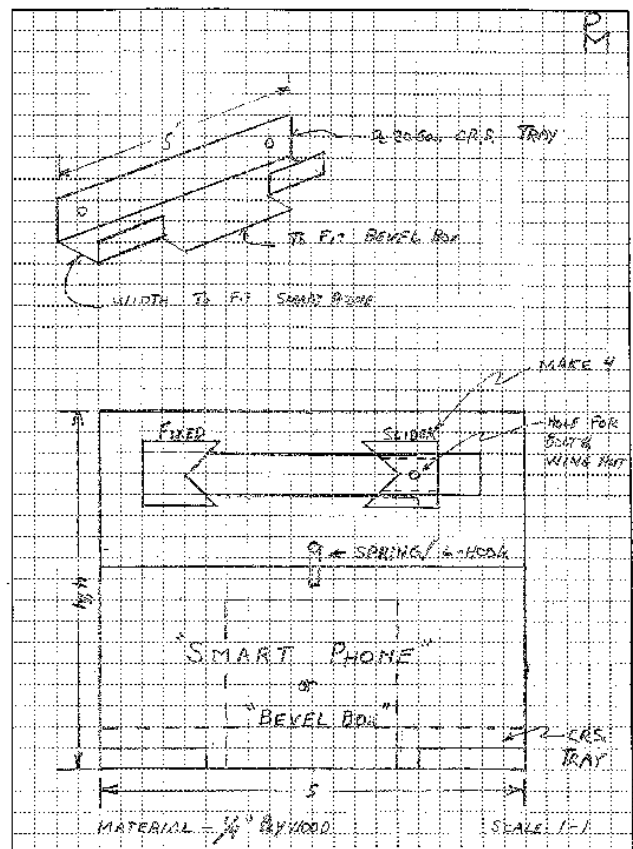
Quickly remove the frame from the oven and place it over the plug and turn on the vacuum. Leave it on for a few minutes for the plastic to cool. If the vacuum is turned off before the plastic has cooled, it will loose the shape.

are transferred electronically through a file that Phil can upload to his radio.



C:\Users\Jeff\
Desktop\Phil Morgan I

Click the PDF to open a full size drawing



20-3

Safety Officer Report: Peter Seiffert

No report given

Safety is everyone's concern!

Peter Seiffert, Safety Officer

WANTED:

Herb Moore is looking for another person for field mowing. Please contact Herb if you would like to volunteer for this position. hmoore@dreamscape.com

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

Feb. 18 Radio Control Club of Rochester (RCCR)
Swap Meet Rochester, NY

Feb. 25 WRAM Show Meadowlands Expo Center,
Secaucus, NJ

March 4 STARS Snow Fly

March 10 Central Penn Aeromodelers Flea Market
Lebanon PA.

March 17 Canandaigua Chiefs 25th Annual Swap
Meet & Auction, Canandaigua Middle
School

Apr. 21-22 Plattsburgh aero modelers, Inc Mall
Show Champlain Center Mall Plattsburgh,
N.Y.

April 24 STARS Helicopter Flight School Begins

Flight Schools- 2012 STARS Flight Schools start on April 24 with the Helicopter Flight School. Pre-Flight fixed wing check is April 29 at Walt's

MOST Volunteer Schedule- Please contact Peter Seiffert to volunteer. The MoST program is up and running. Next date is December 3rd.

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

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. Please put STARS ADVERTISEMENT in the subject line.*

Links-

A REALLY COOL WEBSITE- *Thanks to 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. If the YouTube hyperlink doesn't work, copy the following URL into your browser line and click go. It's up over 1800 videos now. Bob is completing 10 kits for his successfully flown and now proven F-105 on spec to help fund the B-1 project. Five kits have been sold now including one ready to fly. The original B-1 is for sale on RC Universe. Bob will be starting on the improved B-1 shortly. How To Build A B-1 Bomber 10 Minutes At a Time http://www.youtube.com/watch?v=HqTKJU6PlkA&feature=channel_page

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

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

hornitpilot 404 videos  [Edit Subscription](#)



Tom Catalino pointed out this site recently. 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-



Arming Switch Information-

AMP'D- 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 is:

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

The link for the AMA DII Calendar is:

http://www.amadistrictii.org/amajoom/index.php?option=com_events&Itemid=56&task=view_month&month=3&year=2012

The link for the club yahoo users group is:

http://groups.yahoo.com/group/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 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

RCCR SWAPMEET

Our Mother of Sorrows Church

5000 Mount Read Blvd

Rochester, NY 14626



SATURDAY



FEB 18TH, 2012

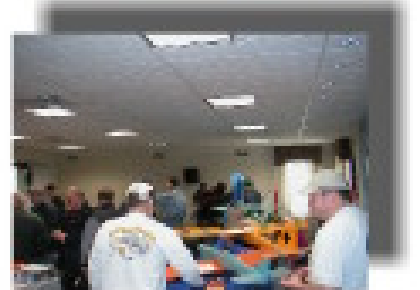
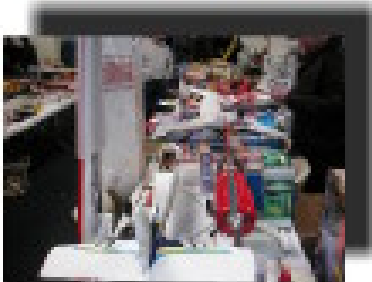
9:00am – 3:00pm

\$5 table fee

\$3 entry for 12 & over

for more information:

www.rccr1957.com





WRAM Show
Details

Exhibitor
Links

Home

WRAM
Introduction

WRAM News

Youth Aviation
Program

Contacts

Welcome to the WRAM

Host and Sponsor of the Northeast's Largest R/C Expo, the
Eastern States R/C Jamboree

Better known as the

WRAM SHOW



Announcement!!!

**The 2012 WRAM Show is moving to an exciting
NEW VENUE!!**

The Meadowlands Exposition Center

Secaucus, NJ

February 25th

Please contact Phil Morgan if you are interested in a bus trip to the show. Phil will be taking sign-ups up to the Model Aircraft Forum. Please contact Phil if you are interested.

philipmorgan92@yahoo.com



S.T.A.R.S.

Annual 2012 Snow Fly



When?

Sunday, 4 March 2012

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:

Chuck LeVine, President: 403-8208



CENTRAL PENN AEROMODELERS ASSOC.

Visit our web-site at www.epaa.us

32nd Annual Radio Control **FLEA MARKET**

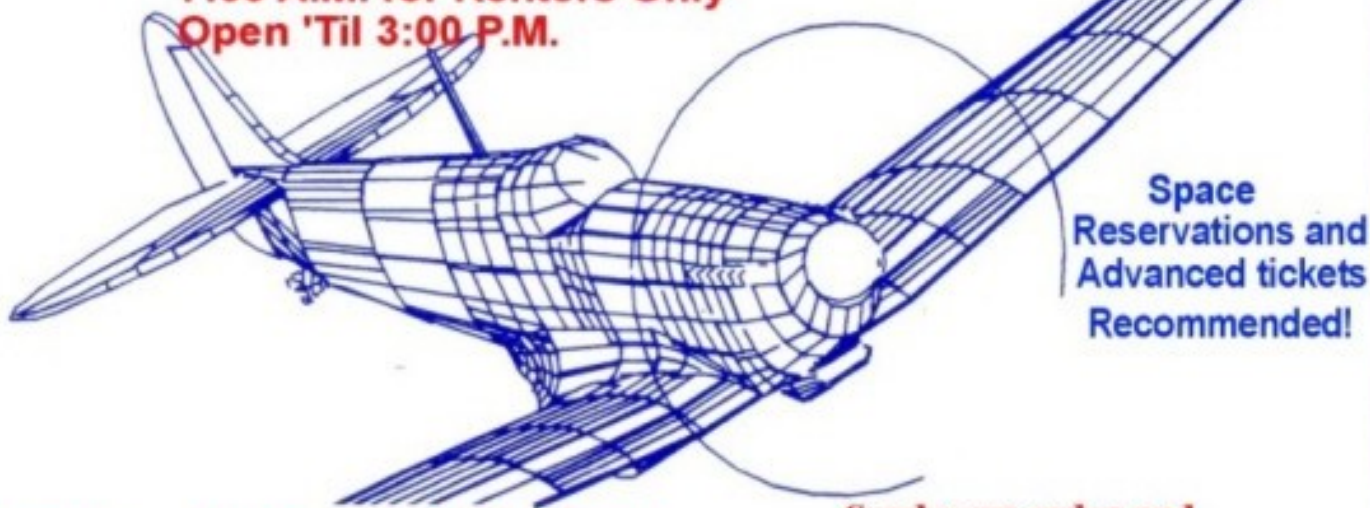
PLACE: LEBANON FAIRGROUNDS

80 Rocherty Road
Lebanon, PA 17042

DATE: SATURDAY March 10, 2012
(Regardless of Weather)

TIME: 8:30 A.M. for General Admission
7:00 A.M. for Renters Only
Open 'Til 3:00 P.M.

To Pre-Register for table spaces send space rent plus \$7.00 per person to address listed below. **Non-Refundable advanced general admission tickets also available at \$7.00 each.**



Space Reservations and Advanced tickets Recommended!

Admission: \$7.00 Donation (Under 12 Free)
Aisle Spaces: \$13.00 each (5 ft. long)
Wall Spaces: \$20.00 each (5 ft. long)

Send your order and check (payable to CPAA) to:

CPAA
139 Lee Ann Ct.
Enola, PA 17025

For Information Call Larry (717) 412 8579
or email info@cpaa.us

GRAND PRIZE RAFFLE Includes 2.4 GHz Computer Radio!

**LARGEST ONE DAY R/C FLEA MARKET
IN THE U.S.A.!**

41,000 Sq. Ft. Indoors, 602 Spaces of Bargains

...featuring: Radio Controlled airplanes, Sailplanes, cars, boats, control-line airplanes, and related accessories.

Canandaigua CHIEFS



25th Annual



Swap meet & Auction

Saturday March 17th 2012

Canandaigua Middle School

215 Granger St.

Doors open at 9 A.M.

Auction at Noon

Adult Admission \$5.00

Ladies and Childern under 12 free

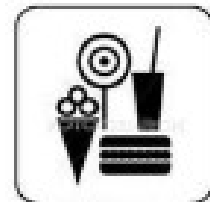
All R/C Equipment is welcome

Vendors Welcome & Please bring your own tables

No commissions

50/50 Raffles

Snack Bar



TICKET
773494584

TICKET
773494584



CHIEFS



Radio Control Flying Club

For more information:

Mike Howell

e-mail mhowell1953@aol.com

Phone 315-904-4101

<http://www.canandaiguaskychiefs.org>

Come & visit
with your
flying buddies

Announcing the 1st Annual Southern Tier R/C Swap Shop & Auction

Saturday, March 24th, 9:00 AM – Noon

Endicott Elks Club
619 N. Nanticoke Avenue
Endicott, NY 13760



ELECTRICS



ENGINES

GENERAL ADMISSION IS \$2.00 PER PERSON.

SELLER TABLES AVAILABLE AT \$7.00 FOR EACH 8' TABLE.
(TABLE FEE INCLUDES 1 ADMISSION)

SELLER SET-UP TO BEGIN AT 8:00 AM.

COFFEE & DONUTS AVAILABLE.

TURN YOUR R/C ITEMS INTO CASH..!

FIND GREAT BARGAINS..!

CONTACT TERRY TERRENOIRE FOR
TABLE RESERVATIONS: 412-760-4593

amad2terry@stny.rr.com



HELI's



RADIO GEAR



KITS



COMPLETE MODELS

S.T.A.R.S.

Flight Training Program

2012



When?

Every Thursday evening from 5:30 PM to Sunset
May 10, 2012 through September 13, 2012

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 26, 2012 at 7 PM

Interested?

Contact:

SENIOR FLIGHT INSTRUCTOR: Bob Rowe (474-8428)



Syracuse Thunderbirds Aero Radio Society

Phoenix, NY

Charter 473

2012 Helicopter Flight School

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

**Tuesday evenings – April 24 to October 9
5:00 pm until dusk**

CNY Heli Jam



Hosted by: S.T.A.R.S.
and Syracuse Heli Group



PILOT REGISTRATION FORM

R/C Helicopter Fun Fly

June 30, 2012 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 6/9/12 (This is to reserve a shirt)

Registration at field: \$15.00

Official T Shirt : ___ LG, ___ XL, ___ XXL, ___ 3XL (One per pilot)

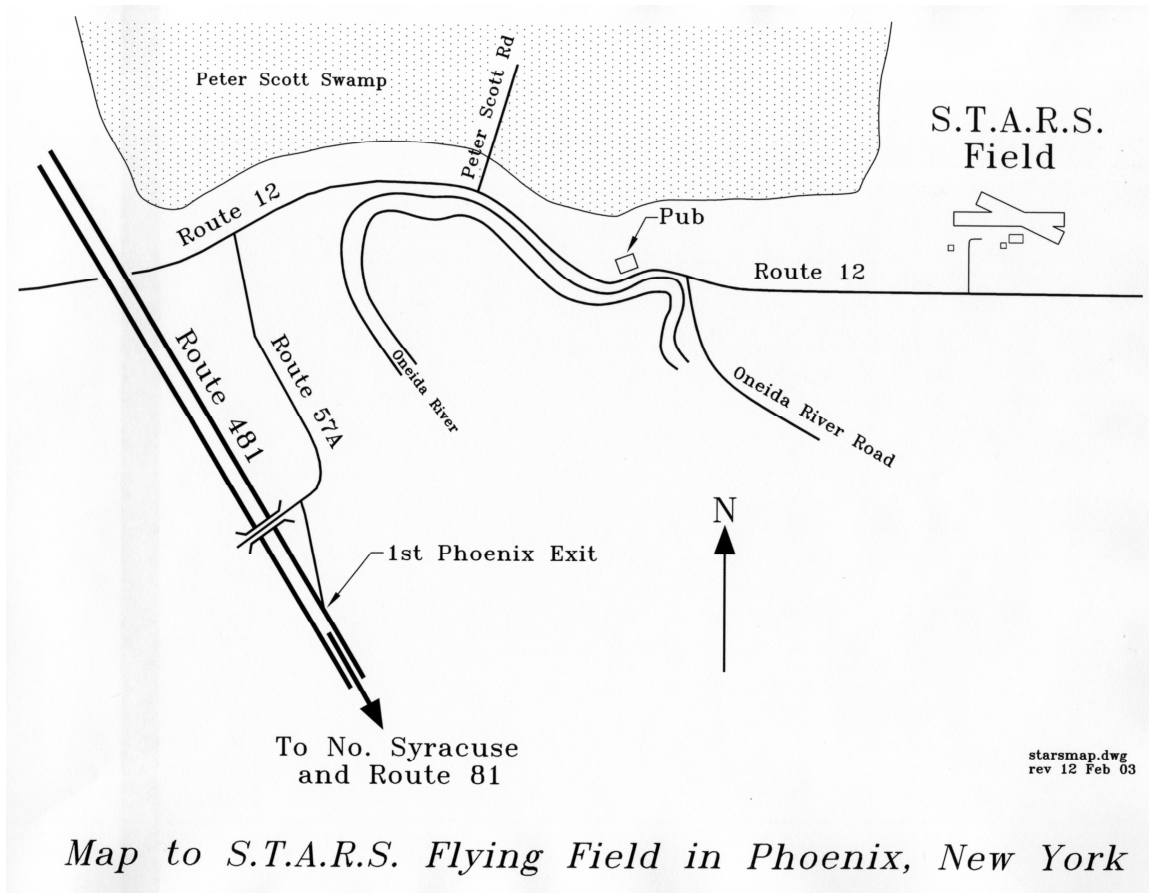
Total: _____ Make check or money order payable to S.T.A.R.S.. *Please don't send cash! Please print this form and mail check or money order to:*

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

N43.23696, W76.24550



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

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

315-622-2576

Hampton Inn Syracuse Clay

3948 State Route 31, Liverpool, NY

[Website](#) | 315-622-3443

MOUNTAIN R/C MODELERS
OF OLD FORGE, NEW YORK
AMA Charter 3688



Presents the 11th Annual

Fly-In and Fun-Fly!!

Saturday July 28, 2012 9am-4pm

Air Show at 1pm

At the airfield, the end of North Street (Turn by Subway and the Pied Piper)
1000' grass facility.
AMA membership
required to fly.

All Are Welcome!
Food and Soda are Available!

Come enjoy the central
Scenic Adirondack Mountains!

Area Motels:
Water's Edge Inn 315-369-2484
Pine Knoll Motel 315-369-6740
Best Western Sunset Inn 315-369-6836

Camping Available at:
Old Forge Camping Resort 315-369-6011
Nick's Lake State Campground 315-369-3314

Also See:
oldforgeny.com for more information on facilities,
or, call the Visitors Information Center at
315-369-6983

Contest Director: Walt Throne 315-559-8826



NYS Thruway I-90 Exit 31 Utica Rt 12 North, Rt 28 North 1 hour to Old Forge. 2 Hours from Syracuse; 2 1/2 hours Albany!
Rt 28 from I-87 Northway (Warrensburg): Rt. 28 from Rt 12 Lowville/Watertown



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." (on back)

Submit this form to a Club Officer

Rev 04/10/09

STARS CLUB 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.

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.

J. PPMP: 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.

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.

Plane Propwash

Syracuse Thunderbirds Aero Radio Society
Monthly News Letter
February 2012