

Syracuse Thunderbirds Aero Radio Society

Plane Propwash

May 2011

Charter 473

The General Meeting will be at 7:00 at the STARS Field on June 8

2011 Officers

Chuck LeVine, President
Ralph Kyle, 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
Carl Moore, Field Committee

The next STARS meeting will be June 8 at 7:00.

As a reminder, the meeting is always the second Wednesday of the month.

The June meeting will be held at the STARS Field

Heli Jam June 25

Flight School Volunteers Needed!

Field Committee Volunteers Needed!

May 2011 - President's Perspective

We are off to a fairly slow start to our flying season - both flight schools have been reasonably attended for all of the foul weather we have been having. The field committee has done an outstanding job of keeping the field looking great in spite of the adverse weather. We still need volunteer instructors, so please feel free to join the fun at our fixed wing flight school.

Next up is our 3rd Annual Heli Jam on June 25th - sponsored by Walt's Hobby. We will have raffles and food available. Art Hughes who is sponsored by HeliWholesaler/Miniature Aircraft - Byron Fuel - Futaba - Thunder Power - Castle - SwitchGlo will be at the event to do some amazing demo's and available for information and setup. Also

please take a minute and stop into Walt's Hobby and thank Bruce for all of the terrific support he provides to our club. We can always use an extra hand or so at this event, so please come out and see some really great flying and help us make this a great event.

We are still in need for volunteers for the field committee. The more folks that help out the less everyone has to do so please contact Carl Moore at 668-1684 or carl32609@aol.com to see how you can lend a hand - even a couple of hours at a time.

Hope to see you all out flying.....

Chuck

Secretary's Report:

The May 2011 STARS regular meeting was called to order by STARS President, **Chuck LeVine**, at 7:00 pm. There were **12** Full members, **5** Associate member, **0** youth members, and **0** guests in attendance.

Secretary's Report: The Secretary's Report from the April meeting was submitted. Motion to approve by Peter Seiffert and 2nd by Mike Graham. Carried.

Treasurer's Report: Bob Rowe

Treasurer's Report from the April meeting was submitted. Motion to approve by Bill Orr and 2nd by Mike Graham. Carried.

Committee Reports:

Field Committee: Carl Moore

There were 19 volunteers at the spring work party. Thanks for the showing. It made the work load lighter and everyone finished early.

Please put cans and bottles in the designated can and bottle return barrel.

Please yield to the mowers on the field.

Opening the dams made a big difference in the amount of water on the field.

Volunteers are needed for the Field Committee. Please contact Carl at 668-1684 or carl32609@aol.com if interested.

AMA: Peter Seiffert, AMA District II, AVP

Dave Matthewson is now the AMA Executive Director. There are new regulations on aircraft weights. Nothing new to report on the FAA at this time.

The Rocket Launch Challenge is staffed out. 200 gliders and 100 Park Pilot magazines will be given away.

MoST: Peter Seiffert

The MoST is off for the summer and will start back up again in October. Send Peter an e-mail pseiffel@twcny.rr.com if you would like to volunteer.

Flight School: Bob Rowe

Fixed Wing Flight School starts tomorrow (04/12). The cooking duties have been covered. Instructors and field help are needed. 5-6 students are signed up for fixed wing instruction.

Heli School started on 05/10 officially due to

rainouts. There are 15-16 students. We are seeking a volunteer cook for Heli nights. Bob Rowe mentioned a fun addition to the Heli School- The maneuver of the week (HMtW). Students will get a new maneuver to master each week.

Safety Report: Peter Seiffert

As the new flying season gets underway, please be vigilant about safety. If you see something that isn't safe, please speak up to the offending party, and remember to be polite about it.

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 Heli-Jam is the 25th of June. Flyers are available for posting. Volunteers are needed for assorted positions- parking, cooking, field marshaling, etc. Contact Chuck clevine5@twcny.rr.com for an assignment.

STARS Jacket Order: Phil Morgan

Please, if you ever thought about getting a club jacket, Phil needs just three (3), count them 3!, more jacket orders so he can place the order with the vendor. Please get your orders in to Phil. The form is in the news letter.

Phil has been sitting on the order for several months now waiting for the last three orders. If he doesn't get them now, he will make up the difference out of his own pocket to make the order, BUT-this will be the last jacket order- EVER.

STARS Hats: Bob Rowe

Bob is taking orders for new club hats. The price is \$ 15.00

Long Range Projects:

- **Replace the flight stands.**
Ralph Kyle is coordinating with Bob and Peter on this project.

The group will purchase outdoor tables at Lowes to be modified into the flight stands for fixed wing and heli use.. Approximate cost is 43.00/ table. The group asked to purchase 12 tables. Three of the existing flight stands that are still in good condition

will be kept. The new tables will be checked for UV stability.

The group will do one table for testing and based on that test will purchase and modify the other eleven tables. A motion was made to appropriate no more than 1,000.00 for the entire project by Bob Rowe and 2nd by Peter Seiffert.. The motion was passed unanimously.

Your suggestions are needed. Please bring them with you to the next meeting, or e-mail them to any of the STARS Officers

New Business:

Fuel Order:

Please purchase your glow fuel from Walt's.

Safety Officer Report: Peter Seiffert

From the AMA- ***EMERGENCY SAFETY ALERT***

Lithium Battery Fires

Lithium batteries are becoming very popular for powering the control and power systems in our models. This is true because of their very high energy density (amp-hrs/wt. ratio) compared to NiCds or other batteries. With high energy comes increased risk in their use. The principal risk is FIRE which can result from improper charging, crash damage, or shorting the batteries. All vendors of these batteries warn their customers of this danger and recommend extreme caution in their use. In spite of this, many fires have occurred as a result of the use of Lithium Polymer batteries resulting in loss of models, automobiles, and other property. Homes and garages and workshops have also burned. A lithium battery fire is very hot (several thousand degrees) and is an excellent initiator for ancillary (resulting) fires. Fire occurs due to contact between Lithium and oxygen in the air. It does not need any other source of ignition, or fuel to start, and burns almost explosively. These batteries must be used in a manner that precludes ancillary fire. The following is recommended:

1. *Store, and charge, in a fireproof container; never in your model.*
2. *Charge in a protected area devoid of combustibles. Always stand watch over the charging process. Never leave the charging process unattended.*
3. *In the event of damage from crashes, etc, carefully remove to a safe place for at least a half hour to observe. Physically damaged cells could erupt into flame and after sufficient time to ensure safety, should be discarded in accordance with the instructions which came with the batteries. Never attempt to charge a cell with physical damage, regardless of how slight.*
4. *Always use chargers designed for the specific purpose, preferably having a fixed setting for your particular pack. Many fires occur in using selectable/adjustable chargers improperly set. Never attempt to charge Lithium cells with a*
5. *charger which is not specifically designed for charging Lithium cells. Never use chargers designed for Nickel Cadmium batteries.*
6. *Use charging systems that monitor and control the charge state of each cell in the pack. Unbalanced cells can lead to disaster if it permits overcharge of a single cell in the pack. If the batteries show any sign of swelling, discontinue charging and remove them to a safe place outside as they could erupt into flames.*
7. *Most important: NEVER PLUG IN A BATTERY AND LEAVE IT TO CHARGE UNATTENDED OVERNIGHT. Serious fires have resulted from this practice.*
7. *Do not attempt to make your own battery packs from individual cells.*

These batteries CANNOT be handled and charged casually such as has been the practice for years with other types of batteries. The consequence of this practice can be very serious resulting in major property damage and/or personal harm.

Safety Committee
Academy of Model Aeronautics
5161 E Memorial Drive
Muncie, IN 47302

New Members:

One new Associate Member was voted in.

Art Hughes – Heli

Sponsored by Peter Seiffert and Mike Graham.

Port-A-Potty: The Port-a-potty is back at the field. Please leave about a car width in front of the door for clear access for the planes and heli's that need to use the facilities.. As always, please respect the next user. That includes TP. If you finish the roll, please replace it so you don't leave a surprise for the next user.

Adjournment:

The May regular monthly meeting of the STARS was adjourned at 7:37 pm.

Secretary, Jeff Wolsley

Safety is everyone's concern!
Peter Seiffert, Safety Office

Calendar of May-July Events: *Editor's Note- Also watch your e-mail for sudden changes to events like cancellations or re-scheduling due to weather.*

June 4-5- Canandaigua Sky Chiefs Pattern Event

June 11-12 Larry Bowerman Memorial fly in Canandaigua Sky Chiefs

June 11- Norwich Aviation Days, Norwich NY

June 18- Adirondack Heli Bash

June 25- CNY HELI-JAM

July 16-17 Southern Tier Rally and Air Show, Cattaraugus Cty Olean Airport

July 23, Phelps Air show, Phelps, NY

July 30, Batavia RC Club Fun Fly

Indoor helicopter flying at Walt's- Has closed for the 2011 season.

For any additional information contact Walt's Hobby 453-2291

Flight Schools- 2011 STARS Flight Schools are under way-
Fixed wing pre-flight inspection is April 28th at Walt's
Fixed Wing Flight School starts on May 12th
Heli Flight School starts on April 19th.

MOST Volunteer Schedule- Please contact Peter Seiffert to volunteer. The first Saturday of each month from 10:30 to 3:00.

The next presentation is the CNY Rocket Team Challenge- June 4, 9:00 to 1:00. For more info follow this link- [2011 Rocket Team Challenge Tickets at MOST](#)

Please visit the AMA DistrictII website for additional information on these and other events.

Indoor flying at the Oswego YMCA Armory- Indoor flying has closed for the season.

Advertisements:

Items FOR SALE:

Arrow 3 with OS 40 engine
Cessna 182 with OS 40 engine
Super Decathlon with OS 60 engine
AeroStar 40 with OS 40 engine
Carl Goldberg Cub, partially completed, needs covering, 79" wing span

OS 70 4 cyl. Surpass engine, New in Box
Wing jig

Assorted hardware for building, 2 flight boxes with lots of props

If anyone is interested in any of the above items, you can contact:

Keith Barnes (former member of the STARS club)
315-622-1826
8 Golf Lane Rd
Liverpool, NY

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.*

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

hornitpilot 404 videos  Edit Subscription



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. If the YouTube hyperlink doesn't work, copy the following URL into your browser line and click go. It's up over 1150 videos now. Bob is currently building 5 kits for the successfully flown and now proven F-105 on commission to help fund the B-1 project.. 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/>

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-



Servo Torque
Conversion Chart.pdf

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=5&year=2011

The link for the club yahoo users group is:

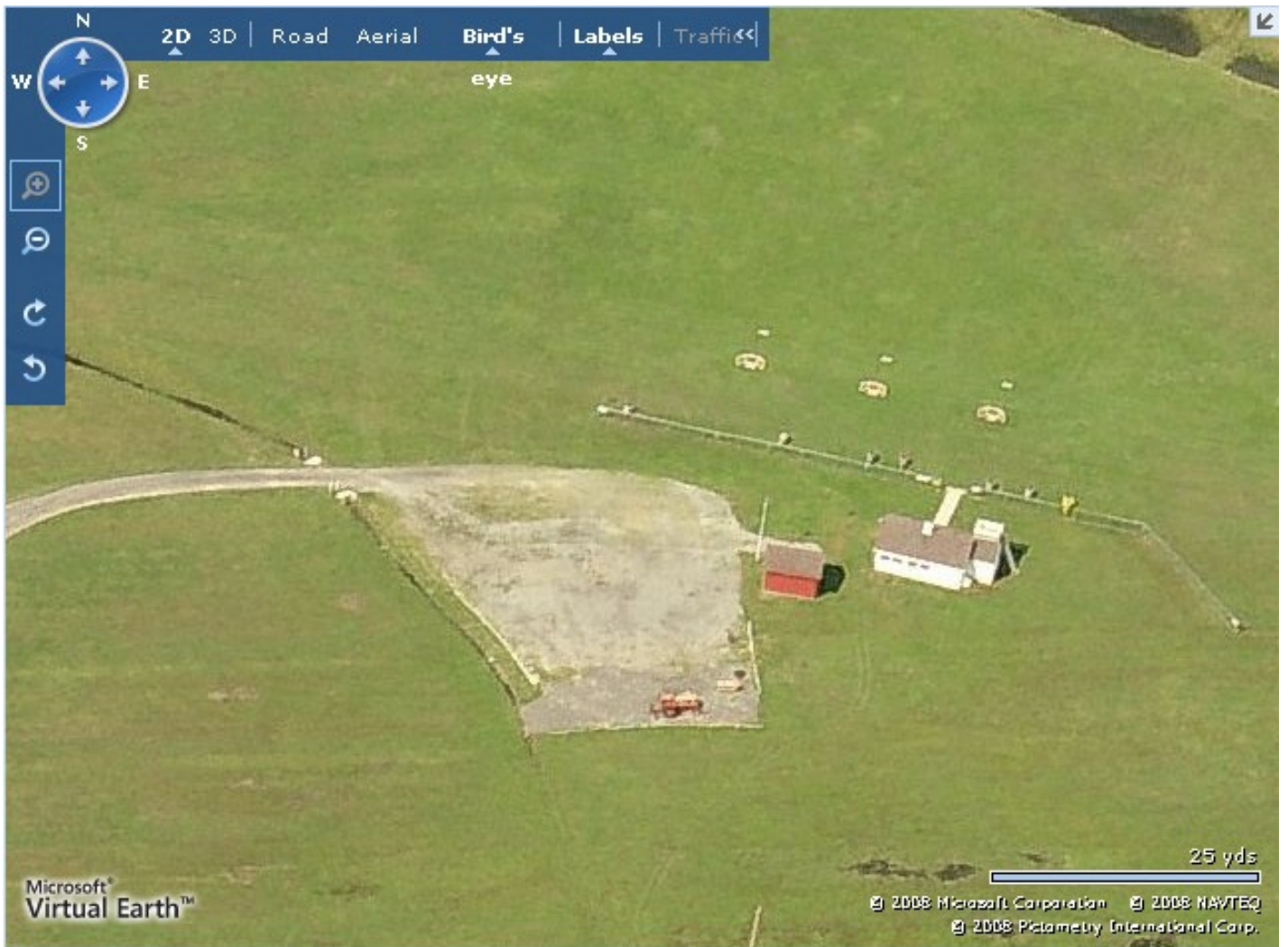
http://groups.yahoo.com/group/stars_club_members/ (Don't forget to sign in)

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

3rd Annual

CNY Heli Jam



June 25th

2011

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

Sponsored by: **WALT'S**
HOBBY



PILOT REGISTRATION FORM

R/C Helicopter Fun Fly

June 25, 2011 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 5/31/11 (This is to reserve a shirt)

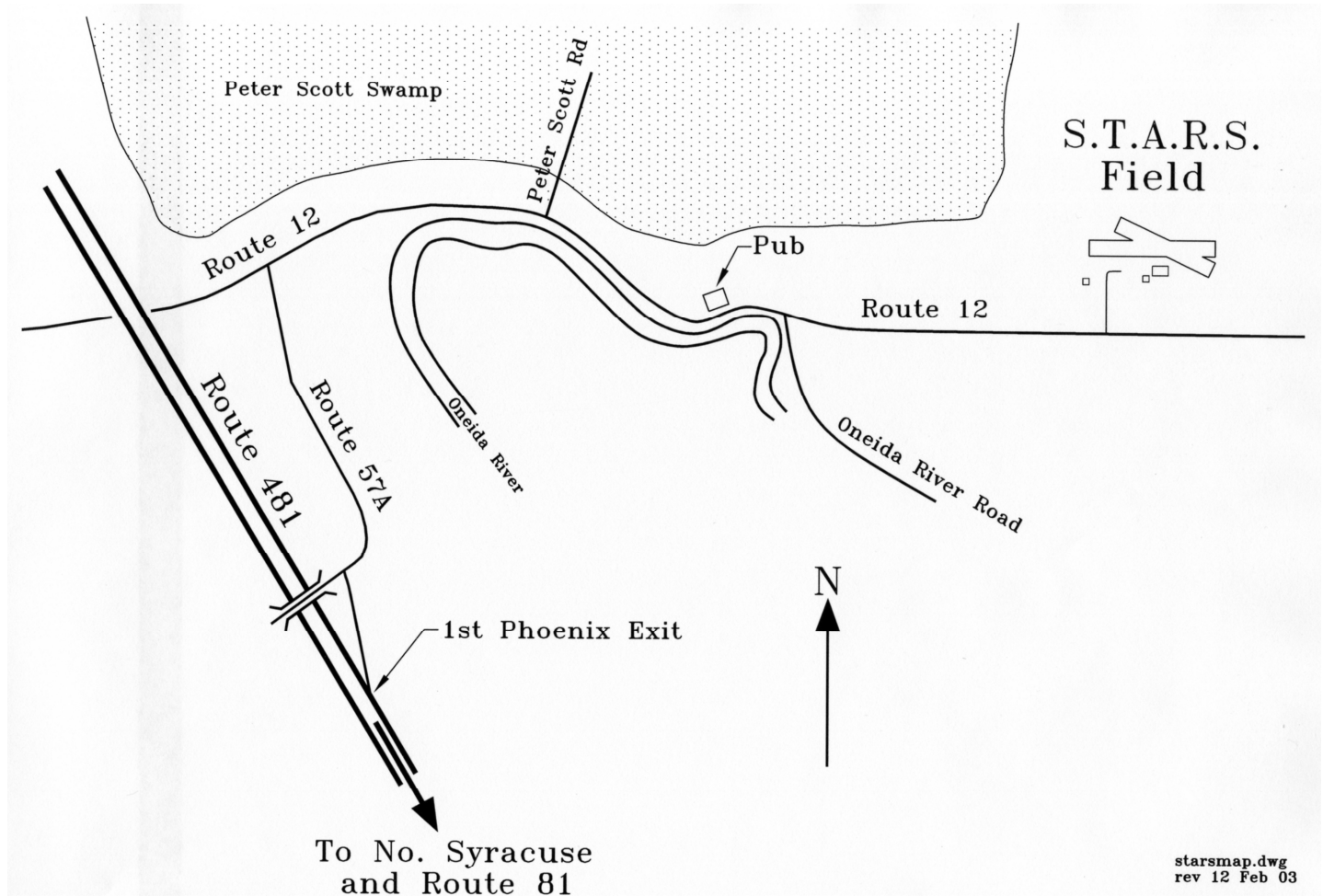
Registration at field: \$15.00

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!*

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



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



S.T.A.R.S.

Jacket Order Form



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

The prices: \$67.00 for S, M, L, XL; \$71.00 for 2XL; \$73.00 for 3XL

Name: _____

Address: _____

Phone: _____

Name desired on jacket: _____

Send form to: Phil Morgan
4808 Black Oak Drive
Liverpool, NY 13088

Checks payable to: Phil Morgan (Not the STARS)

Please note that the dealer requires a minimum order of six jackets. I will send your order in when I have six or more.

Please note- This is the previous order form. Add \$ 5.00 to each of the above prices for 2011 dollars. Phil M. says that will cover the cost increase for this year. Thank you.

S.T.A.R.S.

Flight Training Program

2011



When?

Every Thursday evening from 5:30 PM to Sunset
May 12, 2011 through September 08, 2011

Where?

At the S.T.A.R.S. field in Phoenix, New York

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 a nationally recognized model aircraft association in order to fly.

PreFlight Workshop

Held at Walt's Hobby
Thursday April 28, 2011 at 7 PM

Interested?

Contact:

SENIOR FLIGHT INSTRUCTOR: Bob Rowe (474-8428)



Syracuse Thunderbirds Aero Radio Society
Phoenix, NY

2011 Helicopter Flight School

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

**Tuesday evenings – April 19 to October 11
5:00 pm until dusk**

1st Annual Adirondack Heli Bash

8 am - 4 pm
Saturday June 18, 2011

Rain Date
Jun 19th



Scale

3D

Hosted by Lazy 8 R/C Club

Field Address

144 Knoblauch Rd., Johnstown, NY 12095

AMA Membership Required * NO LANDING FEE * VENDORS WELCOME

900 FOOT - Well groomed grass runway

Registration starts at 7:30 am

Electrics can start flying at 7:30 am

Glow/Gas can start flying at 9:00 am

Lunch Time Concession Stand will be available

Primitive Camping Available - Sanitary Facilities



For more info call or email Event Coordinator:

Rocco Conte (518) 848-9028 email: wu2m@nycap.rr.com

Website: lazeightrcclub.org

DIRECTIONS: NYS Thruway Exit 28, Follow NY RT 30A North to NY RT29. Go West on NY RT29 thru the City of Johnstown. Follow signs to County Highway 131. At sign take a right and go one mile to sign at entrance to flying field

**DONATIONS ACCEPTED IN SUPPORT OF
ST. MARY'S CANCER PATIENT FUND**



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 Field Safety 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 80 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 cilencer (except for small displacements of .88 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

May 2011