



# The Seminole Flyer

A chartered member of the  
Academy of Model  
Aeronautics  
AMA Charter #216, 1969-2006



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

"The Seminole Flyer" is a publication of the Seminole Radio Control Club of Tallahassee, Florida

**JUNE 2006**

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Float Fly May 13<sup>th</sup>-Lake Surovec



Airfest 2006- Where Full size meets Miniature. A gathering of bird lovers.

## Letter from the Editor- Stephen Warmath

May has certainly turned out to be a photo-op kind of month. In this month's offerings, we'll have lots of photo coverage that includes the last Field meeting (group picture), the Float-Fly (courtesy of Francis Surovec), and Airfest 2006. The Beginner's corner has a primer on **Linkages** and a **Photo of the Month** sent in by Geoff Lawrence redefines the term "big bird". If anyone has a favorite picture, i-link, tidbit or whatever, please send it in for inclusion in the newsletter. This month's special link was provided by Mike Atkinson is to [www.rcflightsschool.com](http://www.rcflightsschool.com) where you can read free weekly posts about learning to fly and as a resource for their flight training publications. Some nice graphics check it out.

To wet the appetite, we start this month's muse with a feast for the eyes (pleasure first, business later), photo galleries of **Airfest 2006** and the **Float Fly**.

Happy Building & Flying- Steve



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# Photo Gallery- Airfest 2006



# Photo Gallery- Float Fly



## **Chief Pilot- Mike Atkinson**

The officers of the club have been looking at a re-design of the club's logo. The problem with the current logo is the design is too detailed for different items, such as ball caps, t-shirts, coffee mugs, etc. Early in the year, we enlisted the help of an area graphic designer. Steve Warmath had been in touch with her to discuss some preliminary designs. After these discussions, without a solution and with the allotted budget expended, he and his son, Steve jr., proceeded with designing our proposed new club logo at no charge. A good logo needs to define the organization, but also be simple enough for reproduction on many different items. I feel Steve and his son have done a great job.



At the upcoming club meeting (Thursday, June 1, 2006, 7:00 at the flying field), we will be discussing the logo again. The plan is for the membership to vote to adopt the new logo as the official club design. However, if there are concerns against the proposed logo, they should be voiced during the discussion. Assuming the logo is adopted, I plan on moving quickly to design new t-shirts, "summer" ball caps, window stickers, and coffee mugs. We'll also be working on new club badges and radio frequency pins. Hopefully, we'll have them before the July meeting.

The Airfest 2006 was a great success for the club. Jeff Owens is a member of EAA chapter 445, and served as communication liaison between the club and the local EAA chapter. Jeff was highly instrumental in getting us the opportunity to not only display our models, but also provide flight demonstrations throughout the event. Every member of the club owes a tremendous thanks to Jeff for the effort put forth in coordinating the event. In addition to electric demonstrations throughout the day behind our static display area, the club had an opportunity to showcase some of our more powerful models during three designated demonstration shows. Those members participating in the glow powered flight demonstrations included Ed Budzena, John Hall, Geoff Lawrence, Mike Levine, Jeff Owens, and Michael Atkinson. Jeff Owens and Frank Bastos served as narrators on the P.A. system during the flights. In addition to Jeff, I'd like to personally thank Ed, Theo Titus, Joe Satterwhite, and Bill Atkinson for their assistance in set-up and tear-down of the display area before and after the event.

The club is hosting an open house June 3, 2006, at the flying field. We are planning to begin around 12:00 and continue until about 6:00 p.m. We have located the club P.A. system and hope to have it active during the event. As was the case last year, we expect a large turnout from the community and plan to have the club trainer planes active throughout the event. If you have experience on the buddy box (as the instructor, not the student), please volunteer to help out with taking some spectators up on one of the club trainers. We are coordinating the event with Hobbytown USA, so I'm sure it will be a great success.

That's all for this month. Don't forget the meeting June 1, 2006, 7:00 p.m. at the field.

- Michael Atkinson

## **Chief Copilot- Geoff Lawrence**

### **Upcoming Local Events:**

**June 1, 2006- Monthly Meeting** 7:00 at the Field

**June 3, 2006- SRCC Open House** 12:00- 6:00.

### **Upcoming Regional Events-**

#### **King Orange Scale**

6/03/06-6/04/06 - Land O Lakes, FL (AA) King Orange Scale for 511, 512, 520, 522(JSO). Site: Club Field. William McCallie CD, 10501 Sago Rd Tampa FL 33618 PH:813-932-0622. Sponsor: BAY CITY FLYERS

#### **Warbirds Over the Pan Handle WMWA Warbird Fly In**

6/03/06 - Marianna, FL (C) Warbirds Over the Pan Handle WMWA Warbird Fly In. Site: Marianna Model Air Park. Dale Cavin CD, 5098 Old Hickory Cir Marianna FL 32446 PH:850-482-7090 email: [dcavin@earthlink.net](mailto:dcavin@earthlink.net). Warbirds Only. WMWA Rules apply. Breakfast and lunch concessions on site. 600x90 grass field. Drawings and prizes. Sponsor: CHIPOLA RC AVIATORS

#### **Southern Fried Combat at the Dixie Nationals**

6/03/06-6/04/06 - Cummings, GA (A) Southern Fried Combat at the Dixie Nationals for 750, 755(JSO). Site: Club Field. Lou Melancon CD, 105 Morton Walk Drive Alpharetta GA 30022 PH:770-241-6001 email: [georgiacombat@yahoo.com](mailto:georgiacombat@yahoo.com). Sponsor: GEORGIA MODEL AVIATORS

#### **Peach Pattern Classic**

GA

6/03/06-6/04/06 - Andersonville, GA (AA) Peach Pattern Classic for 401, 402, 403, 404, 406(O). Site: Mac Hodges Field. Emary Schroeter CD, 105 Summit Dr Griffin GA 30224 PH:770-467-0221 email: [emarydmd@earthlink.net](mailto:emarydmd@earthlink.net). Sponsor: FLYING GRIFFINS

#### **AMA District V Fly In Jamboree**

6/3/06-6/4/06 - Irvington, AL (C) AMA District V Fly In Jamboree. Site: Club Field. Andy Anderson CD, 6605 Overlook Rd Mobile AL 36618 PH:251-709-5122 email: [AndyAnderson@mustangandy.com](mailto:AndyAnderson@mustangandy.com). Sponsor: ACMA

#### **Warbirds Over GA**

6/9/06-6/10/06 - Andersonville, GA (C) Warbirds over GA. Site: Hodges Hobbies. Chris Joiner CD, PO Box 4469 Columbus GA 31914-0469 PH:706-649-1834 email: [giantwarbirds@hotmail.com](mailto:giantwarbirds@hotmail.com). Giant scale fly in, 80"/60" rules apply. Must be a replica warbird, 1911-1950 era. \$15 entry fee, optional pilot dinner Friday night. Co-sponsored by Hodges Hobbies. Sponsor: GIANT SCALE WARBIDS ASSN.

#### **Gateway Summer Swap Meet Fly In**

6/10/06 - Jacksonville, FL (C) Gateway Summer Swap Meet Fly In. Site: Lannie Road Flying Field. Bob Davis CD, 2730 Hidden Village Dr Jacksonville FL 32216 PH:904-343-7116 email: [bobdavis68@gmail.com](mailto:bobdavis68@gmail.com). Annual summer swap meet and fly in. \$5 landing fee. Limited tables bring yours or set up on your tailgate. Concession stand open. Modern restroom facilities. Overnight RV Parking No Hookups. Sponsor: GATEWAY RC CLUB

#### **NW Florida IMAC Challenge**

6/17/06-6/18/06 - Pensacola, FL (AA) NW Florida IMAC Challenge for 411, 412, 413, 414, 415(JSO). Site: Escambia Co Model Park. Tony Stillman CD, 3702 N Pace Pensacola FL 32505 PH:850-434-0909 email: [tony@radiosouthrc.com](mailto:tony@radiosouthrc.com). Sponsor: NORTHWEST FL MODELERS INC

#### **Fiest of Five Flags**

6/17/06-6/18/06 - Santa Rosa, FL (AAA) Fiest of Five Flags for CAT III 101, 102, 103, 104, 105, 101C, 102-103C, 104-105C, 120, 122, 124, 128, 140, 142, 150, 151, 152, 153, 154 (JSO). Site: Spencer Field. Bob Junk CD, 1545 Arena RD Cantonment FL 32533 PH:850-968-9619. Nostalgia Oldtime. Contact CD for entry blank. Americas Cup/National Cup. Sponsor: PENSACOLA FREE FLIGHT

## King Peach Electric Sailplane

6/23/06-6/24/06 - Tyrone, GA (A) King Peach Electric Sailplane Contest for 610, 612, 618 (O). Site: Club Field. Ric Vaughn CD, 4022 Wesley Chapel Rd Marietta GA 30062 PH:770-998-3051 email: [ricvaughn@comcast.net](mailto:ricvaughn@comcast.net). Warm up for E-NATS. Nimh batteries allowed. Sod runway. Friday noon sport sailplane and 1/2A sailplane, Saturday 9:00 a.m. 610, 612, 617. Trophies, Friday dinner and Saturday dinner cookout included, \$10/event, \$30 for all events. Sponsor: FAYETTE FLYERS OF GEORGIA

## Chief Treasurer- Sam Varn

*Editor's Note: The Treasurer's report is published for Members only. The public version of the Newsletter does not include this information.*

This month's financial report:

**Cash: -**  
**Checking –**  
**Savings –**  
**CD -**  
**Total Funds -**

If any member has any questions on any item, please let me know.

Thanks,  
Sam

## Chief Scribe- Steve Warmath

The meeting at the Field was called to order at approximately 7:05 pm, May 4, 2006.

**Visitor/ New member introductions-** New Members- **Everette Ogelvy and Shannon Black**  
Guests- **Richard Farmer**

**The Treasurer's Report-** Sam summarized the Club's assets. The Club has earned \$200 through new membership and T-shirt sales. The Treasurer's report was accepted.

### Old Business-

- **Club Logo-** Steve has been working on a design concept for a new club logo and presented the idea to attending members. The idea was to have a simple design that captures the three disciplines of the Club, (Helis, Airplanes and Gliders) and have a slight retro look that would lend itself to a variety of media applications. Mike asked the members to give us their comments before the next meeting.
- The relocation of the field entrance sign was still unresolved because of on-going construction work around the gravel driveway. The feeling was to wait until the work was complete and then approach the County on what we might do regarding our sign. The gate had been taken off it's hinges but would be replaced.
- The driveway back through the woods needs to be smoothed out. Mike said he would ask the county to cut a new grade through the woods. Mike added that we were asked by the County not to cut the corner on the gravel drive going into our gate. It was creating a rut.
- Jeff gave an update on Airfest 2006. The information regarding times, logistics, volunteers, etc. was outlined. Jeff felt like it was a great PR thing for the Club and encouraged members to support the event.
- An Open House would be scheduled as a follow-up to the Airfest event. The event will be moved back one extra week as to not conflict with the Memorial Day weekend. The new date for the Open House will be June 3<sup>rd</sup>.

- Mike stated that he had e-mailed everyone with the link to the on-line survey for the County. He encouraged everyone to respond to the survey.
- The Float Fly will be the following Saturday. Clarification of directions would be e-mailed to everyone. Francis Surovec was hosting the event with Frank B. doing the cooking.
- John H. indicated we were still working on getting a recycling can for the field. The idea was to not overfill our garbage cans. ("If you bring it, take it home") Please take your crashed planes home. We now have one smoke can on site and are in the process of getting another.

#### **New Business-**

- Bob Burke asked if the Club could acquire some sand to fill in some of the low spots on the field and smooth it down a little. Mike indicated we could either buy a truck load or see if the County could help us with some sand.
- There was a request for clarification on how food would be paid for at the field Club meetings. It was decided that the Club would pay the approximate \$44.00 without the members having to make a donation. A motion was made and passed.

#### **Announcements-**

- Ed B. reminded everyone the SEFF (Southeast Electric Fun Fly) was coming up and a very good event to see.
- Also the St. Mary Fly-in and swap meet was coming up as well.
- The Frequency Monitor for the field is missing. Please, everyone check your stuff and if you accidentally walked off with it, please return it to the shed.

With no additional business, the meeting was adjourned at approximately 7:45 pm and a group photo followed.



## **Beginner's Corner- Linkages**

### **LINKS**

Of all the considerable number of little items that cause us problems flying RC, one has continued to stay with us - the link between our control rods and the control horn or servo arm. Despite constant upgrading in the hardware available to us, despite the considerable number of new items in the hobby shop, we still have linkage failures now and then. We may be lucky - only a disconnected throttle - or we may lose a plane if a control link fails.

Linkage problems can come from any one or a combination of 3 basic areas - the hardware itself, the modelers (or designers) installation, or from wear and tear over a number of flights. In this article, we'll look at some of the typical types of links and examine good and not so good features of each. See diagram.

**The Z-Bend:** Used right from the inception of escapements and servos, the z-bended piece of music wire WORKS, and has negligible chance of disconnecting. They're easy, cheap, and totally reliable. So why not use them everywhere? First, there is no way to adjust a z-bend; you're stuck with it once installed. They're relatively hard to connect and disconnect, they usually require drilling out the holes on standard servo and control horns, and have a tendency to self-enlarge those holes over time, causing slop. But they're still very useful in some installations - an example would be the connections on an aileron bell crank hidden in the wing, where you can't see to inspect or get in to adjust anyway. Here the reliability of the z-bend overshadows any other considerations.

**The Snap Link:** These wonderful little devices are heavily used, and rightfully so. They come in metal solder-on, and nylon and metal screw-on forms, and can very easily be connected or taken loose. The screw-on types, of course, provide for easy linkage adjustment. So where's the problem? For one thing, the lead-in from the control rod must stay pretty close to the plane of rotation of the control or servo arm; while they rotate nicely IN their little holes, any bending in other directions tend to make them self-disconnect. And they can also cause binding if they are over rotated up against the servo or control horns. The nylon types can break, the metal screw-on types can vibrate on the threads, causing radio glitches or even thread failure.

**The Snap Link with Keeper:** There are several ways to keep the snap link from being wrenched open and off, ranging from a piece of fuel tube slipped over it to some neat little springs that do the same thing. Perhaps the best, though, is the "golden link" which has a metal clip that will keep the link positively closed until YOU want to open it. For positive peace of mind, these are worth the money!

**Snap Keepers:** These are nylon clips that will (hopefully) keep an L-bended wire onto its control or servo arm. They snap on the wire on both sides of the arm, and in a low-stress installation may be useful. NOT recommended for critical flight controls.

**The Quik Link:** Perhaps the easiest of all to install, these are indeed quick - just insert into a hole in the servo or control arm, snap on a nylon keeper, and thread thru the wire or cable, and tighten the screw down where you want it. But these links have some pitfalls which may cost you a plane if used on flight controls. First, the nylon keeper "button" that holds the unit on the control or servo arm may come off, allowing the whole thing to disconnect - this is especially true if there is any wrenching or twisting involved. And under those conditions, they may not want to rotate properly, causing binding. Also, especially when used with music wire, the screw can slip. Quik Links are quite often included as kit hardware, but a lot of careful flyers will only use them on throttle cables, if at all.

**The Ball Joint:** These cost a bit more than other links, and are quite often worth it. A ball joint has it all - positive no slop control, no binding with moderate wrenching or twisting, easily adjusted, and hardly any way they will disconnect themselves. In any situation where the control arm must be free to swing in more



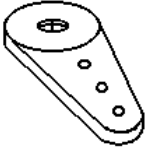
than one direction, this is the way to go - the connection to the servo on a strip aileron installation is an obvious example.

NOTE: Almost all the above hardware comes in two popular sizes - 2-56 and 4-40. These figures refer to the wire and thread sizes involved, the 4-40 hardware being much heavier and stronger than the 2-56 versions. The heavier gear should be used in any plane above .60 size, and should even be considered for a fast .60, especially on aileron and elevator control systems.

### LINK TYPES



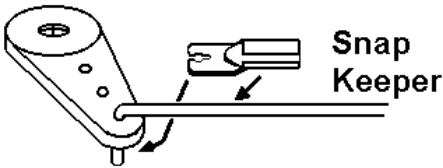
Z-Bend



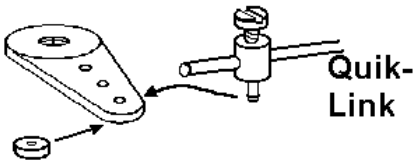
Snap Link



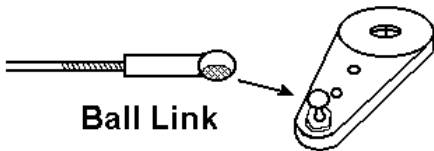
Snap Link & Keeper



Snap Keeper



Quik-Link



Ball Link

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### Photo of the Month

How would you like to be at the controls of this monster on its maiden flight?



## For Sale

Blackhorse Models Twister .40 - New in Box - [www.americanpioneerhobbies.com/twister.html](http://www.americanpioneerhobbies.com/twister.html) Retail price \$99 plus shipping. Will sell for \$90 - Contact: Joe Satterwhite - 644-1725 877-5086 766-5717

Raptor 30, OS 32, Glass Blades, Futaba GY240 Gyro, Futaba Servos -- Futaba 8UHP Transmitter & Extra Receiver -- 2 Field Boxes Loaded with spare parts, assortment of set-up and maintenance tools, field charger, glow starter, etc. -- \$700 -- This helicopter has not been flown in over a year, but is complete and should be ready to fly after routine maintenance check. -- Contact James Cowart @ US Post Office (Orange Ave & S. Adams St.) or Dave Sellars (528-8335)

Falcon Trading Company Jupiter - Low wing sport model -- Thunder Tiger .46 Pro, Hitec sport servos (4), Hitec Receiver - \$200 Ready to fly, less crystal - With 4 channel radio RTF \$250 - Contact Michael Atkinson [Nexnbax1@Comcast.net](mailto:Nexnbax1@Comcast.net) - 656-2200, 251-2694, 926-4692 - <http://www.hobbypeople.net/gallery/116011.asp>

GMS 1.20 Engine - Used very little - Complete with pitts style muffler - Retails for \$169 - Sell for \$100 - Contact Bob Burke - 385-6676

OS Engine .91FX - Complete with muffler - Retails for \$199 - Sell for \$100 - Contact Bob Burke - 385-6676

### Fun With Balloons



**Wouldn't this be a Hoot!!!**

# Seminole Radio Control Club Tallahassee, FL

AMA Charter #216, 1969-2006

## SRCC Officers

President – Mike Atkinson  
Vice President – Geoff Lawrence  
Secretary/ Newsletter Editor – Steve Warmath  
Treasurer - Sam Varn  
Field Marshall – John Hall  
Field Safety Officer- Gordie Meade

## Field Hours

12 Noon till Dark- These hours apply to **all** aircraft, gas **and** electric.

## Training Notes

To schedule a training time contact Mike Atkinson.

## Flight Instructors

Mike Atkinson (Coordinator) 926-4692 (H)  
Ed Budzyna                      Jeff Owens                      Bob Burke  
Geoff Lawrence                John Clark

## Club Meeting Location and Time

**Please Note: Club meetings from April 2006 though September 2006 will be at the Flying Field at 7:00 pm. A cookout is planned for every meeting.**

The regular club meetings are held on the first Thursday of each month at 7:30 PM at the Grace Lutheran Church on Miccosukee Rd. Head out Miccosukee Rd., cross Capital Circle NE, and the entrance will be the first one on your right. Once you park, follow the sidewalk around the left side of the building and go down the hill. We meet in a room on the first level.

**Submissions-** Submissions are requested to be in M.S. Word format. Photos should be in .jpg or .tif format. Vector art accepted in Corel, Illustrator and AUTOCAD format. We will, however, accept anything to make it easier for those who wish to contribute. Submissions are due no later than the 23<sup>rd</sup> of the month. Send your submissions to [ssw@nettally.com](mailto:ssw@nettally.com) or by phone, Steve at 509-0672.

**Editor's note:** Please contact the editor for any reporting contribution assistance and for reporting formatting problems, errors, omissions or corrections. The views expressed in the newsletter are of those of the specific authors and do not represent a majority consensus of the club membership unless voted upon at a club meeting. **For Sale** items will be cleared from the newsletter every month. If you wish your ad to keep running, it must be resubmitted prior to the 23<sup>rd</sup> deadline.

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ap-o-gee (n) - The farthest or highest point; the apex.

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