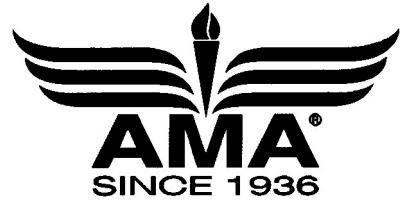


The Seminole Flyer



Charter member of the Academy
of Model Aeronautics since 1969

AMA Charter Club 216



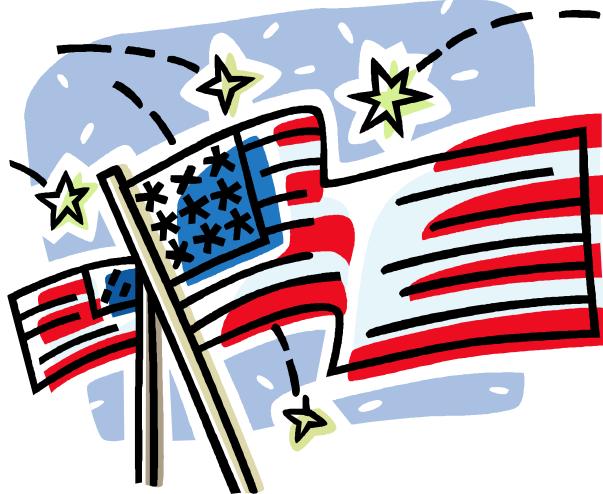
June 2015 Issue

Firecracker Fly-in Sunday the 5th of July

Come out to the field Sunday, July 5th, for hamburgers, hot dogs and fun for all. The Flying will start at 9:00 am and continue until the thumbs give out. The grill will open around 11:00 AM. Get there early, the food disappears fast . . . Yum!

Our Vice-President Randy may have some contests for everyone's fun and excitement. For a sample of contest possibilities, see "Fun-Fly Contest Suggestions" under "General Discussion" in the club forum.

Club T-shirts and hats are still available for \$15.00. They will be on sale at the event.



Club Meeting News

Matthew Hendrix, Secretary

Call To Order

President Mike Levine called the June 18, 2015 meeting of the Seminole Radio Control Club to order at 1904 EST (7:04 PM Eastern Time)

Board Members:

Mike Levine – President

Randy Yarborough – Vice President (**not present**)

Matthew Hendrix – Secretary

Bill Ashbaker – Treasurer & Editor

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2015 Club Calendar

Museum of Florida History Children's day: Jan 31st 9:00 AM – 4:00 PM

Perry Swap meet: Friday March 6th and Saturday March 7th.

Annual field opening, picnic and swap meet: Saturday March 14th

Memorial Day weekend warbird meet: Sunday May 24th

4th of July firecracker fun-fly and contest: Sunday July 5th.

2nd annual "Believe in a Cure" fundraiser and fly-in: Sunday October 4th

Veteran's day picnic and fun-fly: Saturday November 7th

Training calendar: Saturdays 10:00 AM – 1:00 PM or by appointment

New member and visitor introductions

- The club welcomed new members Barry and Jerome at the meeting.

Secretary Report – Matthew Hendrix (mhendrix85@gmail.com)

- The May 21, 2015 minutes were approved as posted in the Newsletter

Treasurer Report - Bill Ashbaker (bill.ashbaker@comcast.net)

- We currently have 89 total members.
- General Upcoming Expenses were discussed.
 - Items include: New chairs for the field, the purchase of one easy-up shade tent was approved, and Joe will be donating a large shade tent as well. Please refer to the new business section. We all thank you Joe!

Safety Officer Report – jim.ogorek@yahoo.com

- Small incidents involving horse play were discussed. The club reminds everyone to keep safety in mind. We can have fun and be safe at the same time!

Field Marshal Report – Gordie (**Not Present**)

- The field is in good condition

Training Coordinator Report – Geoff Lawrence (**Not Present**)

- Saturday's 10:00 AM – 1:00 PM

Old Business

- Opt-in SRCC forum overview.
 - The forum currently has nearly 50 members. Let's keep the great discussion and participation going.
 - It was noted that email will continue to serve as the venue for official club business.
- Memorial Day weekend warbird meet wrap up. 22 registered attendees, \$366 in total proceeds

(Continued from previous page)

- Everyone loved the food at this event and the club will continue to explore such options for subsequent events. It was a great turnout!

New Business

- Pavilion patio extension discussion
 - A primary note of discussion was whether a combination of fiber mesh and rebar were necessary for the new proposed slab. It was agreed that if there was no significant cost increase to include the extra reinforcement. Other options such as utilizing pavers with a porous media beneath and gutters were discussed.
- Vote to spend up to \$1,550 for up to a 48' x 5' pavilion slab extension along east side of pavilion parallel with the runway.
 - By a majority vote, spending up to \$1,550 for **up to** a 48 X 5' pavilion slab on the east side of the pavilion, and properly graded to drain runoff, was approved. It was also agreed to solicit other quotes from reputable licensed contractors for the work.
- Recommendations to have the roof properly inspected were discussed; wear and tear may be an issue.
- A motion was approved to look in to properly guarded fans in opposing sides of the pavilion. This motion was not to purchase fans, but to look in to the costs, applicability, and feasibility of the aforementioned endeavor.
- Replacement chairs
 - By a majority vote, it was approved to purchase new chairs that will primarily be stored in the shipping container for events.
- A motion was approved to purchase one easy-up shade tent for all future upcoming events. It will be stored in the shipping container along with the new chairs. Joe also agreed to donate a large shade tent. Again, we thank you Joe for your generosity!
- 4th of July firecracker fun-fly and contest: Sunday July 5th.
 - The fun fly event will have a survey mokey registration. It is not mandatory, but will greatly add to the event planning. The registration will open soon and will be announced over a club-wide email. There will be several fun-fly style events that will be informally officiated.

Next Board meeting

- Board meetings are planned to be conducted on a quarterly basis unless pressing issues arise. In such cases a physical meeting, teleconference, or web based meeting will be conducted. The next board meeting is TBD.

Next Club meeting

Thursday July 16th 2015 (Beef O' Brady's 1800 Thomasville RD @ 1900 EST [7:00 PM])

Adjournment

The president adjourned the meeting @ 2009 EST (8:09 PM Eastern Time)

Five Mistakes You Should Avoid at the Field



Our hobby is supremely fun and rewarding, but it can also be dangerous and cause damage. Here's a list of five mistakes you should avoid to make your flying successful and most of all safe... By [Jason Cole](#)

1. Flying Into The Sun

I'm sure it has happened to most of us at one point or another. You fly right into the sun and lose sight of your plane. It can temporarily blind you and by the time your eyes adjust back you can't find your model and it has crashed. Even with good sunglasses on, it is still hard to see a plane flying in the path of the sun. Just don't do it!

2. Flying Over the Pits

This is certainly a faux pas at any club field. There should be an established flight line that the aircraft do not cross where other pilots and spectators can safely watch from. If you have a control failure or mechanical issue and the plane veers off over that line (it happens more often than you'd think), then do your best to get the plane away from people and property. You should sacrifice the plane before endangering others. We call it "putting it in."

3. Flying Against the Pattern

If you are the only one flying then the sky is your oyster. As more and more planes fill the air like at events, then a flight pattern should be established. Usually this would be a circle pattern with the close pass to the flight stations

going upwind and the far side of the circle would be heading downwind. Never fly against the pattern (flying downwind down the runway) as this has a high potential of causing a mid air collision.

4. Flying at the Crowd

This actually applies to real airplanes at airshows and is a good rule of thumb for us RC guys too. You should never fly a plane towards a crowd of people. Your turns should be made going away so you can avoid doing this. If you are flying at a crowd and lose the radio signal or something happens (anything can happen) the plane has a high chance of hitting someone. That would ruin your day.

5. Hand Catching Your Quad

There are lots of videos of people doing this, but it is a very dangerous activity. You're putting your flesh and your face in close proximity to spinning props. Those props are very sharp and have enough power to sever a finger or worse. Please find a better way to land that doesn't put you at risk. If you look at the risk vs reward ratio it's a no brainer. The risk is insanely high for zero reward in doing it. Stay safe out there folks.

Who's Up for FPV Quad Racing??

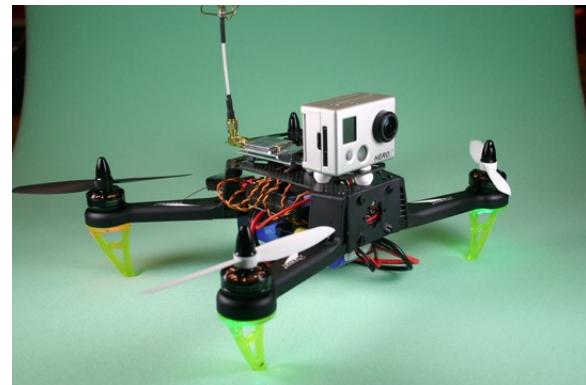
Gentlemen, start your rotors! Racing quadcopters through an obstacle course is the latest hit in the RC community. The obstacles are usually fashioned from flexible foam "pool noodles." And, doing it FPV (first person view) is exciting. RC distributors have picked up on the growing popularity of this latest fun challenge. There are many racing quads entering the market like the soon-to-be-released Blade MACH25 FPV racer and the here-now Spedix S250AQ at Diamond Hobby. 250-size quads are the most popular for racing, but even small nano-size quads can be raced indoors or outdoors on a calm day.

The Spedix S250AQ takes the best qualities of molded ABS plastic and carbon fiber material to create the ultimate 250 class FPV multicopter. The S250AQ is similar in design to the earlier S250Q, but with a smaller central frame and smaller angle between the two rear arms. This design makes this aircraft more agile in the air, ideal for experienced RC pilots.

The S250AQ is beautiful, lightweight, easy to assemble and simple to repair. With its unique frame, combined with a series of electric components and accessories developed specially for the S250AQ, this machine is a true work of art. The ESC's and power distribution board were developed exclusively for the S250AQ and fit the frame like a glove. Plus, all of the included electronic components are pre-soldered modules - so assembly, repair and maintenance are as simple as possible.

The ARF package contains quality components including an accurately machined carbon fiber frame. The four arms are designed to conceal the ESCs and wiring and feature red and green LEDs that are great for maintaining visual orientation. The combo includes the latest hex-Tronics KK2.1.5 controller and companion power distribution module.

Assembling the frame and arms is straightforward. Connecting and setting up the KK2.1.5 controller is a little challenging only because there are so many options and considerable flexibility. It is fairly easy for those with some experience with setting up multirotor control systems. The controller does not have to be connect to a



computer for setup. The setup is accomplished with a small LCD monitor built into the controller. Directions are not included in the package, but there are numerous tutorial videos available on YouTube to help out. I plan to post some abbreviated instructions on the Seminole RC Club Forum.

It is interesting to note that the KK2.1.5 controller can be used with other models . . . Dualcopter, Tricopter, Y6, Quadcopter +, Quadcopter X, Hexcopter +, Hexcopter X, Octocopter +, Octocopter X, X8 +, X8 X, H8, H6, V8, V6, Aero 1S, Aileron Aero 2S, Aileron Flying Wing, Singlecopter 2M 2S, and Singlecopter 1M 4S. If you want to upgrade the controller for a different type of model, you have to connect to a computer with a USBasp AVR programming device for Atmel processors. These connectors are available for as little as \$6.00 online.

The controller is uses open source programming. There are no software licensing restrictions. If you are into techie stuff, you can reprogram the controller to suit your needs (A word of caution, this requires expertise in C++ programming) and there are license-free programs available online.

Specifications:

Shaft distance: 280mm

Dimensions: 260x210x90mm

Frame weight: 140g

Materials: Pure carbon fiber and high strength ABS resin

(Continued from previous page)

Contents:

1x S250AQ frame Kit
1x Spedix power distribution board
1x hexTronics KK2.1.5 controller
4x Spedix round 12A ESCs flashed with SimonK program (2x green LED and 2x red LED)
4x SunnySky X2204S 2300kv motors (2xCW and 2xCCW)
1x DSM2 compatible satellite receiver
4x 5 inch propellers

Needed to Complete:

DSMX/DSM2 compatible transmitter (6 channel minimum)
3S LiPo battery

And, if you want to go FPV:

FPV camera
FPV goggles or FPV monitor
Video transmitter & receiver
Antennas

In the Air

Diamond Hobby's Spedix S250AQ quadcopter ARF combo with the KK controller is fun to fly. It is stable and gentle in self-level mode, but with a flip of a switch it is exciting in aerobatic mode. An 11.1 V 1600 mAh LiPo battery results in a ten minute flight. The motors, ESCs and power distribution board are only slightly warm after ten minutes.

And, it is fast if you want it to be. Considering quality and performance, this combo is a bargain.

New Members

Please welcome Barry Lindquist when you have the opportunity. Barry has a brand new dji Phantom 3 and will welcome help with learning to fly.

Seminole Radio Control Club

Tallahassee, Florida

Officers

President	Mike Levine southwoodmike@yahoo.com
Vice President	Randy Yarborough rdyarborough@gmail.com
Secretary	Matthew Hendrix mhendrix85@gmail.com
Treasurer	Bill Ashbaker bill.ashbaker@comcast.net
Field Safety Officer	Jim Ogorek jim.ogorek@yahoo.com
Field Marshal	Gordie Meade lmeade@fsu.edu
Training Coordinator	Geoff Lawrence k4nkc@comcast.net

Media Managers

Web Master	Jeff Owens jfolso@comcast.net
Newsletter Editor & Publisher	Bill Ashbaker bill.ashbaker@comcast.net

Flight Training

Primary flight training is available by appointment on Saturdays from 10:00 am until 2:00 pm when the weather is nice and not too breezy. Contact the Training Coordinator or one of the instructors to make an appointment:

Geoff Lawrence 850-591-6879	Randy Yarborough 850-523-0020
Mike Levine 860-922-4050	Jim Ogorek 850-766-2477
Jeff Owens 850-644-4765	Matthew Hendrix 954-448-2738
Bill Ashbaker 850-656-5932	

Field Hours

Electrics/Sailplanes	9:00 AM till 9:00 PM
Gassers/Nitros	12 Noon till Dusk
Electric Service	8:30 AM till 9:15 PM

The Seminole Flyer is a publication of the Seminole Radio Control Club of Tallahassee, Florida. We welcome and encourage items for publishing in *The Seminole Flyer*. Please submit your suggestions to SeminoleRadioControlClub@gmail.com in Word format. Thank You.