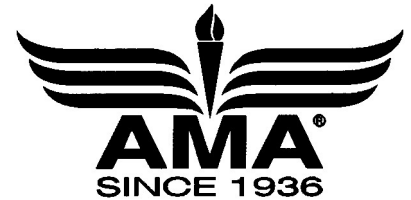


The Seminole Flyer



Charter member of the Academy
of Model Aeronautics since 1969

AMA Charter Club 216



50 Years of Responsible Model Aviation and Community Support

September 2019 Issue

Let's Do Something Special



2018 check presentation to the Children's Miracle Network

The Seminole Radio Control Club has a long history of giving to our community. We hold one special event each fall to benefit a charity close to our members' hearts and our community. This event is *Believe in a Cure* and will be held on Sunday, October 6, just two weeks away.

The event promises to be a day of fun, flying, food and fellowship and it is all for charity. Some very nice merchandise will be raffled. Plan to attend and fly whatever you want. The event is open to the public. Invite your friends and neighbors.

Members are welcome to bring RC items for sale to the event. Members should donate 10% of sale proceeds (\$15 maximum) to the charity for personal items sold. There will be a \$15.00 pilot fee. Because this is a charity event, all pilots who participate are expected to pay the fee even if they do not fly.

Food will be available starting at 11:00 AM. All fee, food and raffle proceeds will go to the Shands Children's Miracle Network (CMN) as agreed by our membership.

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Children's Miracle Network Hospitals® raise funds for 170 children's hospitals across North America, which, in turn, use the money where it is needed most. When a donation is given, it stays in the community ensuring every dollar helps local kids.

Right now, CMN Hospitals like UF Health Shands Children's Hospital are working to save the lives of area kids. In fact, 62 children enter a CMN Hospital for treatment every minute—that's one child every second. Some are battling cancer. Some are suffering a traumatic injury. Others require constant care because they were born too early. Regardless of why the kids are there, these CMN Hospitals always have their doors open.

Because every last dollar contributed to Children's Miracle Network stays local, your generous support will help the patients at UF Health Shands Children's Hospital. Dollars raised in CMN events, campaigns, programs and initiatives fund the purchasing of life-saving medical equipment, pediatric research and patient education materials. Last fiscal year, more than 8,200 clinical and emergency visits at UF Health were from patients in our local areas.

Club members came out in past years to make our *Believe in a Cure* event a big success. Let's do it again this year!

Newsletter Editor Wanted

After several enjoyable years of producing the Florida Flyer, I must step back for several reasons. One key reason is that I know there are talented and creative individuals in our club who can take our newsletter to the next level of sophistication.

As I researched material for our club history, I read many past newsletters by people like Steve Warmath and Fred Schmidt who produced much more content than I have recently. They included profiles of club members, articles on new equipment and airplanes that members are bringing to the field, technology, building and flying techniques and more. I have medical challenges that prevent me from being on

the spot at the field as often as I should as newsletter editor.

If you feel you would enjoy the challenges and rewards of creating our club newsletter, please contact Jay Wiggins moonangelb@gmail.com or Bill Ashbaker bill.ashbaker@comcast.net

I will be happy to provide support to the new editor if he/she wants it.

— Bill Ashbaker



Club Meeting News

Jeff Owens, Secretary

The meeting was called to order at 7:05 PM by President Jay Wiggins. There were 19 members attending. Our newest member is Steve McFadden who joined at the meeting.

Special Presentation – Zac Silver and Leah Evans are students at the FAME-FSU College of Engineering who are participating in the SAE Aero Design Competition as members of Senior Design Team 513. They are designing an RC aircraft that must meet certain performance goals such as carrying a soccer ball, taking off in less than 100 feet, and more, all with a 1000 watt propulsion system. Members offered opinions, equipment, flight training and more. This will be an ongoing project until the flight test in March 2020 in Lakeland, FL.

Member Recognition – Jim Bussey for his pylon racing video; Marcy Driscoll for Pylon scoring and making a nice board to display the results; Faith for being in charge of Troy; Troy for running the Pylon events; Ed for providing Krispy Kremes; Rhett for organizing the Pylon events and providing drinks; Mike Picou for providing a can of wasp spray; Gordie for mowing when needed; John McClellan for providing a transit and some surveying equipment; Theo for providing the original idea for the Pylon Racing Series.

New Field Report – The County has been watering the new runway and it is coming along well. Jay, Jim, and Ed will be at the new site on Saturday September 21 to resurvey the runway boundaries and those of the pavilion and parking areas. Members are welcome to join in the fun.

Vice-President's Report – The next event is our annual Fund Raiser for the Childrens' Miracle Network. It will be held on Sunday October 6. To help raise funds a Pilot Fee of \$15 will be charged as in previous years. Food will be provided at the usual charge of \$5 per plate.

Secretary's Report – The minutes of the August meeting were printed in the Newsletter which is posted on the web. The minutes were approved as posted.

Treasurer's Report – Treasurer Bill Ashbaker gave the Treasurer's report. The report was approved.

Field Marshall Report – Gordie Meade checked the field condition and determined that it did not need mowing this week due to the dry conditions slowing down the growth of the grass. Jim Ogorek reported that the slight amount of rain we received yesterday did perk up the grass a bit and the field looks in good condition.

Safety Report – Jim Ogorek reminded members that for normal flying no more than four models should be flying at the same time. He reported that events similar to the Endurance Event proposed by Robin Driscoll have caused problems at other clubs when batteries ran down and there was no backup for the receiver and flight controls. This has posed safety issues. Robin reported that he had received no interest in the proposed event, so the issue is moot.

Old Business – Marcy Driscoll reported on a proposed new method of scoring the Pylon Racing series. She also proposed that a uniform set of choices be made for the motor, ESC, and prop in order to make the racing more competitive. A committee Chaired by Marcy with Troy Emmett and Ed Budzyna as members will come up with a specific set of proposals that will be voted on by all the members who raced this year.

New Business – After a heroic six years as Newsletter Editor Bill Ashbaker has decided to pass the keyboard to another member anxious to demonstrate editorial talents. Interested members should contact Bill – ASAP he added. Bill agreed to work with the new Editor to make for a smooth transition.

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Show and Tell – Geoff Lawrence demonstrated an inexpensive Lipo battery checker that also measures the internal resistance of each cell – an important indicator of battery health. Jim Ogorek discussed the restoration of a scale model of the Howard Ike racer

from the 1930s. He also showed a nice digital caliper from Neiko Tools.

The meeting was adjourned at 8:30 PM.

2020 SAE Aero Design Competition

Two students from the FSU/FAMU College of Engineering recently requested assistance from our club for an aeronautical design competition. It is called the 2020 SAE Aero Design Competition. The purpose of this year's competition is for a team of students to design, build and fly an RC airplane that can complete a challenging task. Believe it or not, the task this year is to carry an inflated volleyball through a specific set of maneuvers.

This is not the first time that engineering students requested our assistance and our members have always responded with enthusiasm. A few years ago, Chris Bailey even traveled to Arizona at his own expense with the engineering team to assist them with flying their entry that year. This year the first big test is in Lakeland in March 2020. Jim Ogorek volunteered to be our club liaison with Leah Evans and Zac Silver of the Senior Design Team 513.

The design team is composed of several students of various disciplines such as electrical engineering, mechanical engineering and others. The interesting thing is that Leah is the only person in the group that has any experience with radio control airplanes and that experience is limited. Geoff Lawrence generously volunteered to train the students to fly RC aircraft.

Further, the design team has a very limited budget which must include costs of the whole project plus their travel. They will be very thankful for any suggestions and donations of time and equipment we can offer. Our club members embody a wealth of knowledge and experience that will be very useful for this project.

The 2020 rules manual is 64 pages long. Needless to say, the design and performance specifications are too numerous to be listed here. The basics are that the airplane have a maximum of a 1,000-watt power system. The airplane carrying the payload must take off in less than 100 feet, fly 300 feet out, return and land successfully.

Leak and Zak added an additional challenge to the project. They want to 3D print over 80 percent of the aircraft.

If you would like to help these students with their project, please contact Jim Ogorek:

jim.ogorek@yahoo.com

Around the New Field



Our new runway is starting to look good

Photo by Geoff



Our new runway can use some rain

Photo by Jay

Around the Field: September Pylon Races



Welcoming our newest member



Alone again



Counting tails??



They're off!



They're off again!



Concentration

Around the Field: September Pylon Races



Now, this was unexpected



I found it!



It can be fixed



There, almost ready for the next race



Even the Great Ed faced challenges



It takes an advanced degree



Seminole Radio Control Club

Tallahassee, Florida

Officers

President	Jay Wiggins moonangelb@gmail.com
Vice President	Rhett Boudreaux geobatch@aol.com
Secretary	Jeff Owens jfolso@comcast.net
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
Jeff Owens 850-545-7482
Bill Ashbaker 850-656-5932

Jim Ogorek 850-766-2477
Mike Atkinson (Tuesday Only) 850-251-2694
Troy Emmett (Large Aircraft) 770-546-6199

Field Hours

Electrics/Sailplanes	30 minutes before sunrise until 30 minutes after sunset 7 days/week
Gassers/Nitros	10:00 AM until 30 minutes after sunset except Sunday. Sunday gasser/nitro flying begins at 12:00 PM. All gassers and nitros must have a suitable muffler.

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.

www.seminolerc.com