

The Seminole Flyer



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AMA Charter Club 216



50 Years of Responsible Model Aviation and Community Support

November 2020

Cooler weather is a welcome change from the heat of the summer, especially since we didn't have a pavilion for so long. But that's about to change. Today is date certain for Better Barns to deliver and install the pavilion and as of this writing, it's happening! That's some of the best news we've had since spring.

November is a month for remembrances and giving thanks. In years past, the club hosted a Veteran's Day fly-in to honor veterans, and flyers brought out their military planes in celebration. When I joined the club nearly 10 years ago, members commonly flew military aircraft. It was almost rare at that time to see the brightly colored sport, pattern, and 3D planes that populate our club skies today.

This year, the pandemic prevented us from holding our Veteran's Day event but Jim Ogorek's Old School Sunday Fighter (see page 2) calls to mind the aircraft flown during World War I. That was the first major conflict in which aviation played a significant role, mostly reconnaissance at the beginning of the war but involving bombers and fighters by the war's end. The impact of these aircraft, considered mainly tactical in retrospect, foreshadowed the strategic roles of aircraft in future wars.

A subtler and perhaps surprising legacy of WWI is the effect it had on our language. "Not only were newly named weapons, equipment, and military tactics being developed almost continually during the War, but the rich mixture of soldiers' dialects, accents, nationalities, languages, and even social backgrounds produced an equally rich glossary of military slang." Here are a few fun examples. (For the complete list, see <https://getpocket.com/explore/item/20-slang-terms-from-world-war-i>).

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Next Club Meeting

December meeting is cancelled
January 21, 2021 – 7 PM via Zoom

Blimp – a military slang term for an airship dating to 1916. A popular theory for how the term came about suggests the inflatable airship could have been listed on military inventories under the heading "Category B: Limp."

Flap – "To be in a flap" means to be worried. The expression dates from 1916 and became common during World War I. It is thought to be a naval expression originally, deriving from the flapping of bird wings.

Spike-Bozzled – a term used during WWI to mean rendering a gun unusable. It came to mean completely destroyed and was used to describe aircraft rather than weaponry.

Let's hope our experiences with spike-bozzled planes are few and far between! Happy Flying!

Annual Seminole RC Club Dues are Due

Yes, it is that time of year again. Our 2021 Seminole Radio Control Club membership dues should be paid before the end of the year. Annual dues are: \$60.00 for general membership, \$75.00 for family membership and \$20.00 for junior membership.

Unfortunately, due to COVID, our personal contact is extremely limited. It is best if you mail a check to the Seminole RC Club at 2509 Napoleon Bonaparte Drive, Tallahassee, FL 32308.

Or, you may pay with PayPal. Send the payment to seminoleradiocontrolclub@gmail.com. Be sure to select the "Sending to a friend" option or the club will be charged a fee for your payment. PayPal will add a small usage fee to

Member Sharing

Jim Ogorek sent this picture of an Old School Sunday Fighter he's working on.

He wrote, "Had to see what she looked like on her feet. Scale wheels coming. Need to final sand, cover and do hear and engine install. Going to use either a Saito or OS 40 for power."



Specifications: Wingspan: 46.5 in. • Wing Area: 725 sq in. Airframe Length: 34 in. • Weight: 3.5 - 4 lbs. (ready to fly)

The original Sunday Fighters date to the early 1970s but they've been re-engineered to make them a quick build and a fun flyer (<http://www.oldschoolmodels.com/>). According to the website, "You should see them take evasive maneuvers in Dog Fighting. Evade with snap rolls into spins, Immelmann turns and a loop. Our radio-controlled Sunday Fighter airplane kits just might be the most fun you've had in a long time."

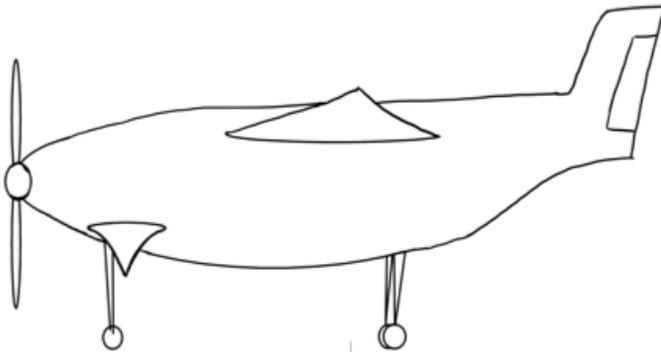
“The Golden Goose”



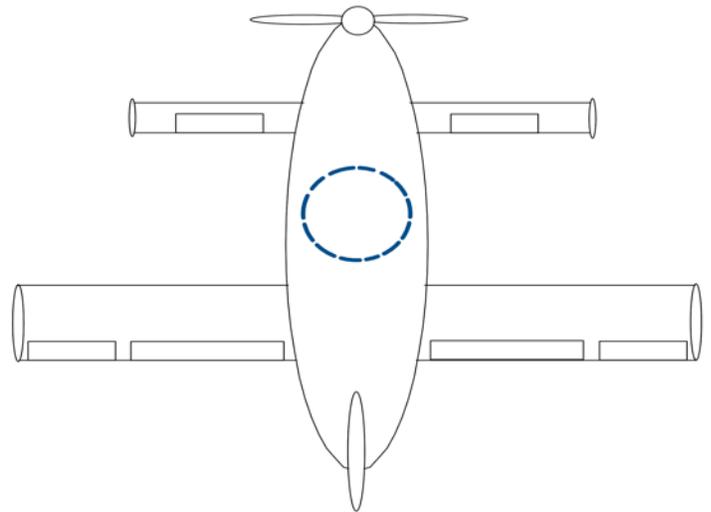
Encouraged by their professor to be innovative in their aircraft design for the collegiate aerodesign competition, the FAMU-FSU engineering students looked to Burt Rutan’s VariEze for their inspiration (photo to the left). A retired aerospace engineer, Rutan is known for his original designs that are lightweight, futuristic-looking, and energy efficient. He popularized the canard configuration for homebuilt aircraft that the FAMU-FSU team has incorporated into their design.

Jacob Pifer gave an update to SRCC members on the team’s project and described the current design, which they named “The Golden Goose.” Tentatively, dimensions are set at 80” wingspan, 50”-55” canards, and 70” -75” overall length. To keep the plane as lightweight as possible, the team will 3D print the parts using Lightweight Polylactic Acid (LW-PLA) filament.

Still to be finalized is the airfoil selection, and the team is considering the Eppler 214 airfoil for the canards and the Eppler 197 for the main wings. Richard



Eppler, a pioneer in computational aerodynamics, began his work on airfoils more than 60 years ago. He developed an elegant and fast design method and wrote code that would yield airfoil designs applicable for general aviation wings and propellers.



Airfoil selection and aircraft design, including the cargo hold shown in the diagram above, stem from the flight requirements of the competition. The electric-powered plane has two minutes and a 100-foot paved runway to take off. It must also carry a size 5 soccer ball and a one-pound cargo box that all can be unloaded within a minute.

As soon as the team has finalized the plane’s specs and acquired the filament, they’ll begin printing and testing. Stay tuned for an update around the time of the club’s January meeting.

Club Meeting News

Jeff Owens, Secretary

This month's meeting was held as a video conference using Zoom. The meeting was called to order on Thursday November 19, 2020 by President Jay Wiggins at 7:00 PM with 21 persons signed on. Later, as many as 23 signed on.

Introduction of Visitors – Jacob Pifer from the FAMU-FSU College of Engineering was signed on to give a presentation on his team's progress with their aircraft design project.

Member Recognition – Marcy Driscoll for her work as the new Newsletter editor and for setting up the Zoom meeting; Mike Atkinson for his training activities; Joe Satterwhite and Jim Bussey for painting safety lines and a centerline at the new field; the Board of Directors for various contributions; Bill Ashbaker for all his behind the scenes activities that keep the Club running on the black; Joe Satterwhite for his donation of a flight box and for his work refurbishing our old frequency pin box; Jeff Owens for continuing updates to the Club website.

Vice-President's report – Rhett Boudreaux – no activities to report. He is waiting for grills to go on sale over the winter before purchasing a new one for the Club.

Secretary's Report – Jeff Owens – The minutes of the October Zoom meeting were printed in the Newsletter which was also posted on the web. They were approved as posted. The slate of officers for next year has been finalized - it consists of the current officers. The holders of the appointed positions have also agreed to continue except that the new Training Coordinator will be Mike Atkinson.

Treasurer's Report – Bill Ashbaker – The report was presented and approved by the membership. Dues for 2021 are due by December 31, 2020.

Safety Report – Jim Ogorek – members are reminded to wear their Club badges when at the flying field. Also, do not fly too close to the pilot stations when taking off or landing.

Training Report – Geoff Lawrence – no new activity to report.

Old Business – The proposed amendment to the Bylaws was discussed and passed. Jacob Pifer gave a Powerpoint presentation detailing the progress that the FAMU-FSU College of Engineering teams have made in designing their aircraft for the SAE aviation competition.

New Business – a proposal was presented to have a boxed dinner at the field on December 6 in lieu of the December meeting and to auction off seven aircraft the Club has collected. After much discussion it was decided to not have the dinner and to delay the auction until sometime next year when COVID concerns may have lessened. The December meeting has been cancelled and the vote on the slate of officers will be done by email.

Field Update – Jay Wiggins – The field will be closed on December 5 for a track meet. The pavilion contractor was given a date certain of November 30, 2020. If the pavilion is not installed by then, a new vendor will be selected.

The meeting was adjourned at 8:31 PM.

Seminole Radio Control Club

Tallahassee, FL

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 Marshall	Gordie Meade (lmeade@fsu.edu)
Training Coordinator	Geoff Lawrence (k4nkc@comcast.net)

Media Managers

Webmaster	Jeff Owens (jfolso@comcast.net)
Newsletter Editor	Marcy Driscoll (robin.marcy@gmail.com)

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 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, FL. We welcome and encourage items for publishing in The Seminole Flyer. Please submit your suggestions to robin.marcy@gmail.com in Word format. Thank you.

www.seminolerc.com

Around the Field

