



NEWSLETTER

MARCH 2023

UPCOMING EVENTS

**MONTHLY MEETING
MEETING/WORK PARTY**

**APRIL 15, 2023
MAY 13, 2023**

**BROOKHAVEN AIRPORT
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PRESIDENTS MESSAGE - Andrew Apicos

Dear Members,

What makes a glider fly? If your immediate reaction was to think about aerodynamics, angle of attack, wing camber, L/D, thermals or even the maintenance team, you'd be only partially correct! Perhaps you remember these lines from the film *The Right Stuff*, Gordon Cooper: "You boys know what makes this bird go up? Funding makes this bird go up." Gus Grissom: "That's right. No bucks, no Buck Rogers." Bucks make our aircraft go up as well, and our fleet is in need of funding too. We need to maintain our assets/capital equipment such as our Cessna 172 which is in need of a paint job. In order to accomplish this, we will need to issue bonds to meet those needs. The Club has issued bonds in the past, and we are flying today due to decisions that were made decades ago. Now it is our turn to step up and ensure LISA's future. There is much to discuss and plan at our monthly meeting this Saturday, April 15th. I'm looking forward to seeing everyone. Lastly, we should be flying shortly as the Pawnee annual is nearing completion.

IN THIS ISSUE

PRESIDENTS MESSAGE

OPERATIONS

MAINTENANCE

SAFETY AND EDUCATION

MEMBERSHIP

GOOD AND WELFARE

CLUB OFFICERS

<i>President</i>	<i>Andrew Apicos</i>
<i>Vice President</i>	<i>John Hoge</i>
<i>Chief Pilot</i>	<i>Brian Robey</i>
<i>Operations</i>	<i>Stephen Cluff</i>
<i>Maintenance</i>	<i>Ryan Jacobellis</i>
<i>Secretary</i>	<i>Joe Grossman</i>
<i>Treasurer</i>	<i>Mike Rudolph</i>
<i>Director at Large</i>	<i>Gerry Issacson</i>
<i>Newsletter/Editor</i>	<i>Stephen Cluff</i>

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OPERATIONS - Stephen Cluff

No glider operations in March due to the Pawnee annual maintenance. There were a total of **11 flights (16.6 Hrs)** in the club Cessna 172 (N5361K) last month.

Operation Notes:

For those pilots who are operating the club Cessna 172 and the Pawnee, please document and identify all landings at Brookhaven and other airports on the flight log so that we can keep track of landing fees and dispute those fees that are charged to the club in error.

We are currently exploring opportunities to expand cross country training and SSA badge achievement through local flights and stationing a glider at Wurtsboro for ridge soaring.

MAINTENANCE - Ryan Jacobellis

TABLE 2 - AIRCRAFT STATUS

Aircraft	Status	Notes	Annual Due
N2055T (SGS 2-33A)	Grounded	Glider maintenance and repairs in progress	New Annual Pending Repair
N17956 (SGS 2-33A)	Grounded	Glider fuselage has been painted and is currently being reassembled at K&L	New Annual Pending Repair
N65918 (SGS 2-33A)	Grounded	Annual Maintenance	March 2023
N17917 (SGS 1-26E)	Grounded	Annual Maintenance	March 2023
N7365 (SGS 1-34)	Grounded	New Canopy on order	June 2023
N7372Z (PA-25-235)	Grounded	Annual maintenance in progress	February 2023
N4016Z (PA-18-150)	Grounded	Awaiting engine cylinders at Penn Yan	New Annual Pending Repair
N5361K (Cessna 172)	Active	No significant Issues	September 2023

Maintenance Notes:

- Please make sure aircraft tires are properly inflated to the correct pressure in accordance with the operating manual, using the compressor and/or portable air located in the Pawnee hanger.
- With the warmer weather upon us, pre-heating the oil for the power planes is no longer required. Thanks for everyone's cooperation through the cold weather.
- The club Cessna 172 is now using 100W oil.

SAFETY AND EDUCATION

Glider Ground Course

We will continue to host review sessions in April and May to prepare those students for the written and oral practical exams. Please contact Andrew Apicos for details.

Date	Course	References
4/15/23	Review Session & Misc Topic	TBD
4/22/23	Review Session & Misc Topic	TBD

FAMOUS GLIDER PILOTS

Businessman and adventurer, Stephen Fossett, set 116 records in five different sports including balloons, sailboats, power planes, and most notably gliders. Fossett is best known as the first person to fly solo around the world, nonstop, in any kind of aircraft using a balloon; then an airplane. Fossett, with co-pilot Einar Enevoldson, flew a glider into the stratosphere and set the absolute altitude record for gliders at 50,727 feet on August 29, 2006 utilizing mountain waves. Foster died in a plane crash on September 3, 2007; however, Enevoldson has continued research through the Perlan Project to reach 90,000 feet in a glider.



Enevoldson, Foster and the Glaser-Dirks DG 500 Glider



Glider Exam Questions

1. An aircraft's operating limitations may be found in the:
 - a. FAA approved aircraft flight manual
 - b. Owner's handbook published by the aircraft manufacturer
 - c. Aircraft flight manual, approved manual material, markings, and placards, or any combination thereof
2. The preflight action required by regulations relative to alternatives available, if the planned flight cannot be completed, is applicable to:
 - a. IFR flights only
 - b. Any flight not in the vicinity of the airport
 - c. Any flight conducted for hire or compensation
3. When two or more aircraft are approaching an airport for the purpose of landing, the right of way belongs to the aircraft?
 - a. That is least maneuverable.
 - b. That is either ahead of or to the other's right regardless of altitude.
 - c. At the lower altitude, but it shall not take advantage of this rule to cut in front of or to overtake another.
4. Except when necessary for takeoff or landing, what is the minimum safe altitude for a pilot to operate an aircraft anywhere?
 - a. An altitude of 1,000 feet above the highest obstacle within a horizontal radius of 2,000 feet.
 - b. An altitude of 500 feet above the surface and no closer than 500 feet to any person, vessel, vehicle or structure.
 - c. An altitude allowing, if a power unit fails, an emergency landing without undue hazard to person or property on the surface.

Answers: 1.(c) 2. (b) 3. (c) 4.(c)

MEMBERSHIP

A second electronic ballot was emailed by Andrew **April 4, 2023** to full members in good standing (dues paid to date) through an electronic ballot (*Election Buddy*) for Peter Flanagan. Please check your emails and vote prior to **April 30, 2023** to confirm Peter's lifetime membership status.

Jim Warner attended his second meeting, **March 18, 2023** and has completed three introductory flights.

We will be scheduling the first work party of the year, **May 13, 2023**. All members are encouraged to attend to assist with cleaning the planes and work on several projects. This is also a good opportunity to meet other club members at the barbeque upon completion of the work. Please contact Andrew or Ryan if you are interested in volunteering as a team leader to help with desired projects around the clubhouse and hangars.

GOOD AND WELFARE

SSA sponsors several recurring scholarships to help cover glider training expenses. These scholarships are summarized on the following page in order of upcoming deadline. Further details may be found at the SSA website <https://www.ssa.org/soaring-scholarships>. Please contact Shawn Simms or Andrew Apicos for assistance.

SSA SCHOLARSHIPS

Discover Soaring Scholarship

Awards of up to \$750 for nonpilots (Ages 13-23). **June 30th Deadline.**

Kolstad Award College Scholarship

Awards of up to \$10,000 for Soaring Pilots towards academic study (Ages 14-25).

September 30th Deadline.

Dr. Campbell CFI-G Scholarship

Awards of up to \$2,000 towards CFI-G training & qualifications (Ages 17-24). **September 30**

Deadline.

Bultman Youth Flight Scholarship

Awards of up to \$1000 for post-solo SSA Member Student Pilots & Rated Glider Pilots (Ages

14-25). **March 31st Deadline.**

Stoffel Flight Training Scholarship

Awards of up to \$2000 for pre & post-solo SSA Member Student Pilots (Ages 13-25). **March**

31st Deadline.

Costello Insurance Training Scholarship

Awards of up to \$2000 for pre & post-solo SSA Member Student Pilots (Ages 14-22). **March**

31st Deadline.

Dennis Purduski Training Scholarship

Awards of up to \$2000 for pre-solo SSA Members (Ages 13-19). **March 31st Deadline.**

Scott Bingham Memorial Scholarship

Awards of up to \$2000 for Pre & Post-Solo Student Pilots and Pilots without a glider rating

(Ages 13-18). **March 31st Deadline.**

SSA Flight Training Scholarships

Awards of up to \$2000 for pre & post-solo SSA Member Student Pilots (Ages 13-25).

March 31st Deadline.

CFI-G Incentive Scholarships

Awards of \$1500 for CFI-G Training. (An Additional \$500 from SSA Sponsoring Chapter)

April 1st Deadline.