



NEWSLETTER

MAY 2023

UPCOMING EVENTS

MONTHLY MEETING
MONTHLY MEETING

JUNE 17, 2023
JULY 15, 2023

BROOKHAVEN AIRPORT
BROOKHAVEN AIRPORT

PRESIDENTS MESSAGE - Andrew Apicos

Dear Members,

The light is finally at the end of the tunnel! The pistons for our Super Cub will arrive at the engine shop in June, and the 2-33B should be ready mid summer. I know what you're thinking - Kyle's (K&L) estimates for completion dates do have a margin of error! With that being said, it's time for members to indicate their commitment for the purchase of bonds. The enrollment period will begin July 1, 2023. As always, your support is greatly appreciated. Our Spring work party was a huge success thanks to all who helped out and to Jason Webb our pitmaster for cooking up some good eats.



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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>

Contact Information

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OPERATIONS - Stephen Cluff

We accumulated a total of **51** glider flights in May as detailed below in **Table 1**.

Longest Glider Flight in May: 1 Hour 54 Minutes by Andrew and Craig on **5/27/2023**.

TABLE 1 - GLIDER OPERATIONS

Date	Total	Instruction	Student Solo	Intro Flights	Other	Notes
5/5/23	10	1	0	0	9	Tow Pilot: Steve Instructor: Shawn/Brian/Andrew Field Manager: Joe
5/6/23	11	8	2	1	0	Tow Pilot: Steve Instructors: Andrew/Brian. Field Managers: Ryan
5/13/23	13	5	0	5	3	Tow Pilot: Don/Steve/Charlie Instructors: Andrew/Brian Field Manager: Ryan
5/21/23	14	11	0	3	0	Tow Pilots: Charlie/Wayne Instructors: Andrew/Shawn Field Manager: Ryan/Joe
5/27/23	3	3	0	0	0	Tow Pilots: Don Instructor: Andrew Field Manager: Craig

The Club 172 (N5361K) flew **19.2** hours and the Pawnee tow plane (N7372Z) accumulated **14.2** hours in May.

Operation Notes:

Runway 6-24 will be out of service sometime this summer due to construction which will impede operations. Andrew, Steve, Gerry and Craig met with Gabreski airport and tower managers to discuss possible operations there this summer and through the year. This will provide an invaluable opportunity for students and rated pilots alike to step out of their comfort zone, fly at a different airport, and practice their radio communication skills with controllers at a towered airport. Who knows - the lift there may be better!

MAINTENANCE - Ryan Jacobellis

TABLE 2 - AIRCRAFT STATUS

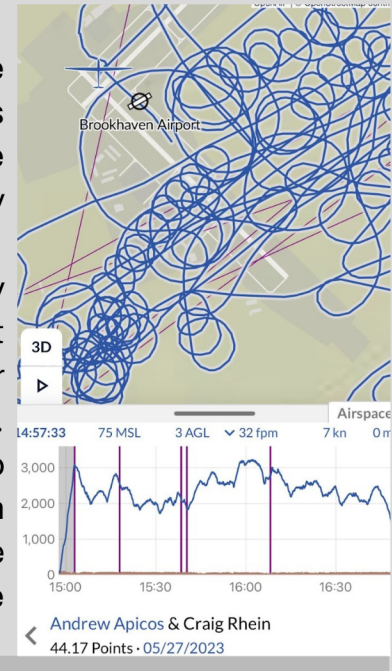
Aircraft	Status	Notes	Annual Due
N2055T (SGS 2-33A)	Grounded	Glider maintenance and repairs in progress	New Annual Pending Repair
N17956 (SGS 2-33A)	Grounded	Glider at K&L for upgrade to 2-33B. Work is being completed, expected delivery July.	New Annual Pending Repair
N65918 (SGS 2-33A)	Active	No significant Issues	May 2024
N17917 (SGS 1-26E)	Active	No significant Issues	May 2024
N7365 (SGS 1-34)	Grounded	Canopy repair completed - awaiting annual.	June 2023
N7372Z (PA-25-235)	Active	No significant Issues	May 2024
N4016Z (PA-18-150)	Grounded	New cylinders arrive Penn Yan in June.	New Annual Pending Repair
N5361K (Cessna 172)	Active	No significant Issues	September 2023

SAFETY AND EDUCATION

Andrew Apicos

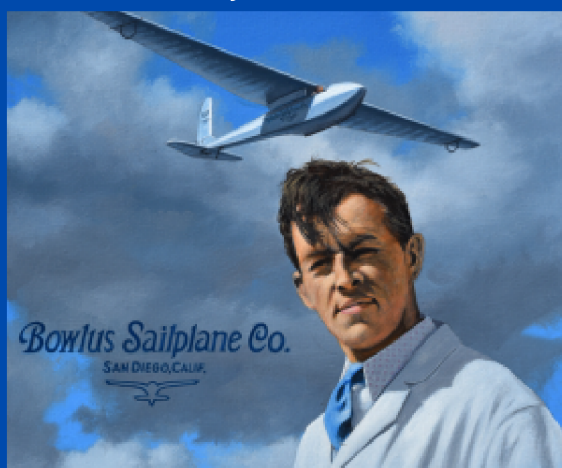
For the past month I have been experimenting with the online app WeGlide (<https://www.weglide.org>). Their website states "WeGlide is an online platform where you can share and analyze your flights." I think that students and rated pilots alike will enjoy the ability to view and learn from one another's flights.

I encourage all members to join - it's free. Search under my name Andrew Apicos to view the flights I have posted. Any pilot wishing to upload their flights will need to have a flight recorder app on their phone or a separate device to record the flight. There are a variety of free and paid flight recorder apps to choose from for both Apple and Android devices. Upon completion of a flight, the pilot simply uploads the file to the WeGlide app, then they can include a brief description of the flight and any photos they may have taken.



FAMOUS GLIDER PILOTS

William "Hawley" Bowlus (May 8, 1896 - August 27, 1967) was an aircraft engineer, designer, and expert at soaring and building gliders beginning in 1911, as well as, other innovative aircraft including supervising construction of the *Spirit of St. Louis* airplane which Charles Lindbergh flew non-stop from New York to Paris in 1927. After Lindbergh's flight, increased American interest for power planes and gliders led Bowlus to also train most of America's first licensed glider pilots including Charles Lindbergh and his wife Anne. Bowlus was inducted into the National Soaring Hall of Fame in 1954 for his many contributions.



Glider Exam Questions

1. What is true altitude?
 - a. The vertical distance of the aircraft above sea level.
 - b. The vertical distance of the aircraft above the surface.
 - c. The height above the standard datum plane.
2. What is absolute altitude?
 - a. The altitude read directly from the altimeter.
 - b. The vertical distance of the aircraft above the surface.
 - c. The height above the standard datum plane.
3. Under what conditions is indicated altitude the same as true altitude?
 - a. If the altimeter has no mechanical error.
 - b. When at sea level under standard conditions.
 - c. When at 18,000 feet MSL with altimeter set to 29.92.
4. What is pressure altitude?
 - a. The indicated altitude corrected for position and installation error.
 - b. The indicated altitude corrected for nonstandard temperature and pressure.
 - c. The altitude indicated when the barometric pressure scale is set to 29.92
5. What effect does high density altitude have on aircraft performance?
 - a. It increases engine performance.
 - b. It reduces climb performance.
 - c. It increases takeoff performance.

Answers: 1. (a) 2. (b) 3. (b) 4. (c) 5. (b)

MEMBERSHIP

Kevin Myhre, Kavneet Sethi and Alex Milanovic attended their second meeting and Akash Budhini and Moritz Muller attended their first meeting on **May 13, 2023**.

The bond issue passed during the **May 13, 2023** meeting and \$10,000 has already been collected. Members will be able to buy the bond during the enrollment period beginning July 1, 2023. Interest will be paid once a year and will begin when the enrollment period closes. The term for the bond will be up to seven years during which time the club will pay down the principal. For those interested in purchasing a share of the bond, please send an email to **info@longislandsoaring.com**, with attention to Treasurer Mike Rudolph and include your name and the bond amount you intend to purchase, in thousand dollar increments. For example, "I would like to commit to the purchase of \$3,000 worth of LISA bonds." Remember that LISA assets are backing the bonds.

LISA can no longer accept electronic cash app payments (i.e. Zelle, Venmo). Please pay by cash or check at a meeting, operation, or send a check by mail or through your bank to the club address listed on the front page of this newsletter. Address any mail to full title "Long Island Soaring Association".

GOOD AND WELFARE

Congratulations to Katelyn Erthal on passing her FAA practical exam and earning her airplane single engine land private pilot certificate on May 19, 2023!

If you would like a LISA embroidered polo shirt, please email Shawn at sjsimms@aol.com for order details and payment.

Club History - May 1973 LISA Newsletter

Operations for the month of May were reported as follows:

C-172 52.2 Hrs; C-150 1.75 Hrs; PA-18 47.5 Hrs; SGS 2-32 made 30 flights and all other sailplanes made 137 flights.