



# NEWSLETTER

FEBRUARY 2023

## UPCOMING EVENTS

**MONTHLY MEETING**

**MARCH 18, 2023**

**BROOKHAVEN AIRPORT**

### **PRESIDENTS MESSAGE** - Andrew Apicos

Dear Members,

The spring soaring season is upon us, and we are looking forward to getting back into the groove. We have two cohorts of students that are either preparing to solo or preparing for their written and practical exams. Other members are motivated to practice and hone their cross country skills, not to mention earning their SSA badge elements. As always, we need extra help on the flight line in order to run a smooth and safe operation. There are numerous projects that need to be completed in the coming months and will be included as part of our spring work party detail. Along with cleaning and waxing our gliders and airplanes, the clubhouse needs some attention, along with the grounds and hangers. We'll be looking for a team leader to oversee each project and members will be able to sign up for a particular detail. If you haven't a preference we'll assign one to you. We'll celebrate our efforts and accomplishments with a work party BBQ and grill in May. Looking forward to seeing you on the flight line.

### 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>

### **Contact Information**

Brookhaven Airport (KHVV)  
222 Grand Avenue  
Shirley, NY 11967  
(631) 578 8596

[www.longislandsoaring.com](http://www.longislandsoaring.com)

## OPERATIONS - Stephen Cluff

Due to annual maintenance of the Pawnee, there were no glider operations in February. There were a total of **11 flights (10.8 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.

## 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)	Active	No significant Issues	May 2023
N17917 (SGS 1-26E)	Active	No significant Issues	March 2023
N7365 (SGS 1-34)	Grounded	Waiting on new canopy	June 2023
N7372Z (PA-25-235)	Grounded	Annual maintenance in progress	February 2023
N4016Z (PA-18-150)	Grounded	Awaiting engine 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.
- Aircraft oil pre-heating procedures: Please plug in the Skyhawk and Pawnee after use. Shawn Simms periodically reviews *Book Our Plane* for scheduled use and will remotely turn the oil heater on and off before any scheduled flight. If you decide to fly either the Pawnee or Cessna with less than 24 hour booking notice, please text Shawn at **(516) 607-6593** so he can turn on the pre-heater. Pre-heating the oil before starting an aircraft engine below 40 F is critical.

## SAFETY AND EDUCATION

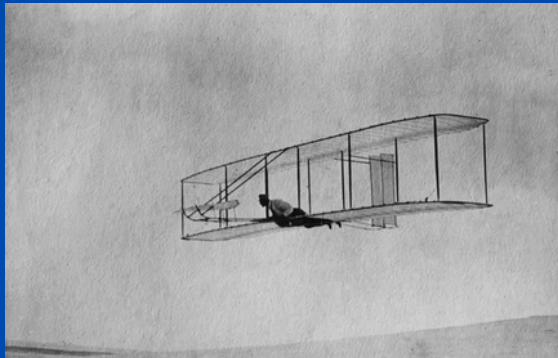
### Glider Ground Course

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

Date	Course	References
3/18/23	Review Session & Misc Topic	TBD
3/25/23	Review Session & Misc Topic	TBD

## FAMOUS GLIDER PILOTS

Prior to their first powered flight, Orville (August 19, 1871 - January 30, 1948) and Wilbur Wright (April 16, 1867 - May 30, 1912) designed, built, and tested three manned gliders from 1900 to 1903. The brothers experimented with over 200 wing types in their homemade wind tunnel to solve aerodynamic control problems. Through over a thousand experimental glider flights on the windy sand dunes at Kitty Hawk, NC, they had developed three axis control by designing an elevator for pitch, "wing warping" for roll, and a vertical rudder for yaw and honed the art of fundamental flight before adding an engine.



## Glider Exam Questions

1. One Condition necessary for the formation of fog is:
  - a. Calm air.
  - b. Visible moisture.
  - c. High relative humidity.
2. Radiation fog is most likely to occur under what conditions?:
  - a. Warm, moist air being forced upslope by light winds resulting in the air being cooled and condensed.
  - b. High humidity during the early evening, cool cloudless night with light winds, and favorable topography.
  - c. Low temperature/dewpoint spread, calm wind conditions, the presence of hygroscopic nuclei, low overcast, and favorable topography.
3. With respect to advection fog, which statement is true?
  - a. It forms almost exclusively at night or near daybreak.
  - b. It forms when unstable air is cooled adiabatically.
  - c. It can appear suddenly during day or night, and it is more persistent than radiation fog.
4. Which in-flight hazard is most commonly associated with warm fronts?
  - a. Ground fog.
  - b. Advection fog.
  - c. Precipitation-induced fog.

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

## MEMBERSHIP

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 addressed by mail or through your bank to the club address listed on the front page of this newsletter and addressed to Long Island Soaring Association for proper routing by the post office.

Long time member, tow pilot, and glider instructor Peter Flanagan was nominated by several members and the Board for lifetime membership. A 2/3 vote of the entire membership is required in order for Peter to be awarded lifetime membership. An electronic ballot was emailed by Andrew **March 9, 2023** to full members in good standing (dues paid to date) through an electronic ballot (*Election Buddy*). Please check your emails and vote prior to **12:00 PM March 19, 2023** to confirm Peter's lifetime membership status.

## GOOD AND WELFARE

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 during this spring cleaning and maintenance.