



# NEWSLETTER

# JANUARY 2023

## UPCOMING EVENTS

<b>GLIDER GROUND CLASS</b>	<b>FEBRUARY 22, 2023</b>	<b>ZOOM</b>
<b>MONTHLY MEETING</b>	<b>MARCH 18, 2023</b>	<b>BROOKHAVEN AIRPORT</b>

## **PRESIDENTS MESSAGE - Andrew Apicos**

Dear Members,

As I write this, I can't help but be thankful for an active and engaged membership. I am looking forward to seeing us build upon last year's accomplishments. We currently have two student cohorts; the first of which have already soloed and are in the process of preparing for their checkrides. The second cohort is progressing through the basic fundamentals of flight and we expect to see them solo this spring. Hopefully, we'll have a second trainer back in service in the first half of 2023 and we are exploring the idea of keeping one glider at Wurtsboro and using it to introduce and train members in ridge soaring. We are also looking at giving our website a fresh look, and to make the behind the scenes programming a more user friendly experience. Our ground school will continue and we are looking to offer a series of one day refresher classes for the written exam and checkride. As always, we need each other's help and cooperation for a successful operation. Looking forward to seeing you on the flight line!

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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

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

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

## **OPERATIONS - Stephen Cluff**

We accumulated a total of **75** glider flights in January as detailed below in **Table 1**. Operations are expected to resume in March after completion of the Pawnee annual maintenance with a focus toward checkrides and new solos.

**TABLE 1 - GLIDER OPERATIONS**

Date	Total	Instruction	Student Solo	Intro Flights	Other	Notes
1/2/23	16	8	6	1	1	Tow Pilot: Wayne Instructor: Steve/Brian Field Manager: Craig
1/7/23	15	8	3	2	2	Tow Pilot: Wayne Instructors: Andrew A./Brian. Field Managers: Ryan/Joe
1/8/23	7	7	0	0	0	Tow Pilot: Pierre Instructors: Shawn Field Manager: Ryan
1/16/23	7	2	2	3	0	Tow Pilots: Pierre Instructors: Andrew A. Field Manager: Ryan
1/21/23	18	4	6	4	4	Tow Pilots: Don/Steve Instructor: Steve/Shawn Field Manager: Ryan
1/28/23	4	1	0	2	1	Tow Pilot: Don Instructor: Andrew A. Field Manager: Joe
1/29/23	8	6	2	0	0	Tow Pilot: Pierre Instructor: Mike Field Manager: Ryan

### **Operation Notes:**

For those pilots who are operating the club Cessna 172 and the Pawnee, please document all landings at Brookhaven and other airports 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 at K&L for upgrade to 2-33B; wing from Canada received	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	New cylinders arrive Penn Yan in March	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. The Cessna has had recent flats due to low pressure.
- 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

The ground course will continue through March. All courses are recorded and available on the LISA website member's section.

Date	Course	References
2/22/23	Human Factors	Glider Flying Handbook Chapter 13
3/8/23	Review Session & Misc Topic	TBD
3/15/23	Review Session & Misc Topic	TBD

#### FAMOUS GLIDER PILOTS

German engineer Karl Wilhelm Otto Lilienthal (23 May 1848 - 10 August 1896) conducted over 2000 well-documented, repeated, successful glider flights beginning in 1891 with a flight of 80 feet in his Derwitzer glider. Lilienthal carefully researched, sketched, and prepared polar diagrams to accurately describe bird aerodynamics, which led to early aircraft models and glider designs. Lilienthal built several hills and towers around Berlin to test his experiments, gather data, and eventually achieve flight distances up to 800 ft before his untimely death due to a glider accident. Lilienthal is commonly referred to as the "father of aviation" and his research contributed to and inspired the Wright brothers to further develop other glider and heavier than air flight designs.



#### Glider Exam Questions

1. A private pilot with an airplane single-engine land rating may act as pilot in command of an airplane towing a glider if, within the preceding 24 months, this pilot has made:
  - a. 10 actual or simulated glider tows.
  - b. Three flights as a pilot in command of a glider towed by an aircraft.
  - c. At least six flights as pilot in command of an airplane towing a glider.
2. After signaling the tow pilot that the glider pilot cannot release, the tow pilot fishtails the airplane. The glider pilot should then plan to fly the final approach in:
  - a. A low-tow position and land before the towplane; but use no spoilers or brakes during the landing roll until after the tow plane touches down.
  - b. High-tow position and extend the spoilers just prior to the towplanes's touchdown.
  - c. The towplane's wake and extend the spoilers as needed for a normal landing.
3. How can excessive towline slack that is allowed to develop during a glider tow be eliminated?
  - a. Increase pitch attitude until towline becomes taut.
  - b. Execute a shallow banked coordinated turn to either side.
  - c. Yaw the nose to one side with rudder while keeping the wings level with ailerons.

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

## MEMBERSHIP

Nicholas Feis and Jacob Abramovich were voted in as members and Jim Warner attended his first meeting on **January 28, 2023**.

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.

Long time member, tow pilot, and glider instructor Peter Flanagan has been 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. Andrew will be sending out an electronic ballot to all full members in good standing (dues paid to date) through an electronic ballot (*Election Buddy*) in your emails with details to follow.

## GOOD AND WELFARE

The following members below received club awards at the **January 28, 2023** holiday party/meeting:

Award	Member
2022 Tow Pilot of the Year - 215 Tows	Stephen Cluff
2021 Tow Pilot of the Year - 145 Tows	Pierre Alban Grellet-Aumont
2020 Tow Pilot of the Year - 186 Tows	Wayne Betts
2022 Longest Flight - 2 hrs 18 min	Andrew Apicos and Joe Grossman
2021 Longest Flight - 2 hrs 24 min	John Walsh
2020 Longest Flight - 3 hrs 26 min	Andrew Apicos
2022 Flight Instructor of the Year - 184 Flights	Andrew Apicos
2021 Flight Instructor of the Year - 87 Flights	Andrew Apicos
2020 Flight Instructor of the Year - 104 Flights	Mike Hanson
2022 Outstanding Service	Stephen Cluff
2021 Outstanding Service	Mike Hanson
2020 Outstanding Service	Don Richards

The clubhouse is in desperate need of maintenance and repairs. We will be scheduling a work party in the spring, but in addition to that soon to be scheduled event, we are looking for volunteers with some basic maintenance and construction experience to assist with projects around the clubhouse and in the hangar. Please contact Andrew or Ryan if you are interested in helping. We will be putting together a list of desired projects.