



NEWSLETTER

DECEMBER 2022

UPCOMING EVENTS

GLIDER GROUND CLASS	JANUARY 11, 2023	ZOOM
GLIDER GROUND CLASS	JANUARY 25, 2023	ZOOM
HOLIDAY PARTY/MEETING	JANUARY 28, 2023	SHANDON CT, E.ISLIP

2022 ACCOMPLISHMENTS

Pilot and Total Flights

April 15, 2022	Stephen Cluff	CFI-G Add-On
May 26, 2022	Shawn Simms	Single Engine Private Add-On
May 29, 2022	Grossman/Apicos	Longest Flight (138 Min)
August 13, 2022	Anthony Alecu	Instrument Rating
September 10, 2022	Joe Grossman	Glider Solo
October 10, 2022	John Shefcik	Glider Solo
October 15, 2022	Kenneth Almestica	Glider Solo
October 21, 2022	Craig Rhein	Glider Solo
October 29, 2022	Patrick Tsai	Glider Solo
October 29, 2022	John Bresnik	Glider Solo
2022 Total Glider	625 Flights (170.8 Hrs)	
2022 Total Power	254 Flights (371.5 Hrs)	

New Members

March 2022	James Erthal
May 2022	Katelyn Erthal
May 2022	Ray Caggione
June 2022	Kenneth Almestica
July 2022	Kelsey Alexander
September 2022	John Shefcik
September 2022	Patrick McCourt
September 2022	Patrick Tsai
September 2022	Cole Fischer
September 2022	Ryan Spence
October 2022	Tate McCourt

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CLUB OFFICERS

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

Contact Information

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www.longislandsoaring.com

PRESIDENTS MESSAGE - Andrew Apicos

Dear Members,

I'd like to wish everyone a Happy New Year. Secondly, and perhaps most importantly, I'd like to thank everyone for participating and helping out this past year. It was not an easy year but, with everyone pitching in, lending a hand, and proffering forth ideas for improvement, 2022 has turned out to be very good.

I'd like to personally thank all the members of the board for all of their hard work this past year. Mike Hanson's help in the transition has been invaluable. Steve's tireless efforts in scheduling our operations, resurrecting the club newsletter and helping to organize the ground school has all been a big boost to our club. Ryan and Don for all their work in keeping us flying (no easy task) and organizing the hangar. To Gerry for keeping an extra eye on our gliders by giving them that little extra attention. John for working on the back end of our website and keeping our navigation equipment up to date. To Mike for making sure we're all billed accordingly and his instruction during our ground school. To Brian our chief pilot for his valued input and inspiration as an instructor. And lastly, to Joe who has the uncanny ability to pull whole gliders and glider parts out of thin air. To our instructors, tow pilots, field managers, and ground support who all gave their free time, energy and efforts in helping to train the next generation of pilots.

We've had our challenges this year and we did our very best to persevere. Our newest and youngest members are an inspiration and motivation making all of our tireless efforts worthwhile as they are the future of the club and aviation. It is heartening to know that the love of aviation is alive and well. I'm looking forward to another productive and active year of flying, and hope to see many of you in person at our annual party and meeting in January.

OPERATIONS - Stephen Cluff

TABLE 1 - GLIDER OPERATIONS

Date	Total	Instruction	Student Solo	Intro Flights	Other	Notes
12/2/22	12	3	8	0	1	Tow Pilot: Steve Instructor: Shawn Field Manager: Mike R.
12/4/22	12	6	5	0	1	Tow Pilots: Pierre/Wayne Instructors: Andrew/Mike H. Field Manager: Ryan
12/10/22	7	3	1	3	0	Tow Pilot: Don Instructors: Andrew/Steve/Brian Field Manager: Steve/Joe
12/18/22	9	8	1	0	0	Tow Pilots: Pierre Instructors: Andrew A. Field Manager: Joe
12/26/22	7	3	3	0	1	Tow Pilots: Pierre Instructor: Andrew/Shawn Field Manager: Shawn
12/30/22	9	5	2	0	2	Tow Pilot: Pierre Instructor: Andrew Field Manager: Craig

We accumulated a total of **56** glider flights in December. Pending weather and adequate support, we will continue to support glider operations during the week through the winter. If you are interested in participating and are available to support these weekly operations, please contact me directly at **(631)-514-9798**.

Operation Notes:

Please limit the number of vehicles on taxiways and grass runways near operations. Every vehicle that is required to support operations must have a yellow flashing light. Brookhaven Airport has, and continues to be, very supportive of our glider operations and we need to reciprocate with best practices to contribute to airport safety.

MAINTENANCE - Ryan Jacobellis

TABLE 2 - AIRCRAFT STATUS

Aircraft	Status	Notes	Total Hours (2022)	Annual Due
N2055T (SGS 2-33A)	Grounded	Glider maintenance and repairs in progress.	74.7	New Annual Pending Repair
N17956 (SGS 2-33A)	Grounded	Glider at K&L for upgrade to 2-33B - waiting on new wing from Canada.	0	New Annual Pending Repair
N65918 (SGS 2-33A)	Active	No Significant Issues	73.6	May 2023
N17917 (SGS 1-26E)	Active	Main wheel replaced	15.7	March 2023
N7365 (SGS 1-34)	Grounded	Waiting on canopy from K&L	1.6	June 2023
N7372Z (PA-25-235)	Active	No significant issues	144.5	February 2023
N4016Z (PA-18-150)	Grounded	Engine still with Penn Yan	12.7	New Annual Pending Repair
N5361K (Cessna 172)	Active	No significant Issues	214.3	September 2023

Maintenance Notes:

- Cooler temperatures often lead to lower tire pressure. 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.
- We are currently using multi-weight 15W 50 oil in the Cessna and Pawnee.
- Tow pilots and Cessna Pilots: Please text me at **(631)-871-2684** when either plane is within 8 hrs of requiring an oil change and/or for any aircraft maintenance issues.

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
1/11/23	Weather I	Glider Flying Handbook Chapter 9
1/25/23	Weather II	Glider Flying Handbook Chapter 9
2/8/23	Aircraft Performance	Glider Flying Handbook Chapter 5
2/22/23	Enroute Flight Navigation	Glider Flying Handbook Chapter 11
3/1/23	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

Astronaut Neil Armstrong, the first man to step on the moon July 20th, 1969, was also an avid glider pilot since 1964. Armstrong was part owner of the Schweizer seventh production model 1-26A glider below and obtained his silver, gold and diamond soaring badges. During an interview while recertifying his glider certificate at age 75, Neil Armstrong spoke about his interest in gliding: "Glider, sailplanes they're wonderful machines. It's the closest you can come to being a bird. It is self-satisfaction. A sense of accomplishment at trying to do a little better than you think you possibly can."



Glider Exam Questions

1. How can a pilot increase the rate of turn and decrease the radius at the same time?
 - a. Shallow the bank and increase airspeed.
 - b. Steepen the bank and decrease airspeed.
 - c. Steepen the bank and increase airspeed.
2. Adverse yaw during a turn entry is caused by?
 - a. Increased induced drag on the lowered wing and decreased induced drag on the raised wing.
 - b. Decreased induced drag on the lowered wing and increased induced drag on the raised wing.
 - c. Increased parasite drag on the raised wing and decreased parasite drag on the lowered wing.
3. That portion of the aircraft's total drag created by the production of lift is called?
 - a. Increased induced drag and is not affected by changes in airspeed.
 - b. Induced drag and is greatly affected by changes in airspeed.
 - c. Parasite drag and is greatly affected by changes in airspeed.

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

MEMBERSHIP

Nicholas Feis, Christopher Fantine, Jacob Abramovich, and John Wood attended their first meeting on **December 17, 2022**.

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.

GOOD AND WELFARE

The Holiday Party and January meeting is **January 28, 2023** at Shandon's Court in East Islip from 7:00 - 11:00 PM. Please email Mike Rudolph (hawkerpilot75@hotmail.com) and Joe Grossman (grossmannassoc@att.net) if you are planning to attend.