



“Aviation Professionals Dedicated to Excellence in Flight Instruction”

The January 2021 GSLFIA FIRC is Scheduled for January 16 & 17

The FIRC is only a month away!! If you haven't registered it certainly time to do so. Once again, Wings of Hope has graciously provided the use of their hangar at the Spirit of St. Louis Airport located at the Wings of Hope facility 18370 Wings of Hope Drive, Chesterfield, Missouri 63006 (Same location as the last 3 years). To register in advance read on.....process is simple and included on this newsletter page. >>>>



Aviation Seminars will be providing the seminar again this year. The FIRC early registration fee is \$200.00: includes the 2021 GSLFIA membership dues and FAA online renewal. The fee at the door for late registrations will be \$225.00. We offer CFI's the opportunity to attend the January 2021 FIRC free if you qualify. A CFI can attend and revalidate at the FIRC free if you meet the following conditions: If you are a member and have not attended the GSLFIA FIRC in 2019 or 2020 and have never attended a free FIRC at GSLFIA. Auditing the FIRC will be available on a space available basis for \$50.00 daily.

We'll start registration at 0730 Sat morning, the 16th. The class on Saturday will run from 8:00 am to 6:00 pm and Sunday from 8:00 am to 5:00 pm. We have received great feedback about Aviation Seminars for the last 2 years, and I expect that same great product this year!!

January 2021 FIRC Continued

The GSLFIA will provide a continental breakfast and lunch on both days. So come ready to learn and we'll take care of the rest. The in-house lunch provides those in attendance the ability to spend some additional quality time renewing old friendships and starting new.

To Register

If you are planning to attend the FIRC go to the GSLFIA website (www.gslfia.com) and select "FIRC" at the top of the homepage. Then select "FIRC Audit" if you want to attend but not renew. Select "FIRC Registration" if you want to renew/revalidate your Instructor Certificate. If you are not planning to attend the FIRC, you may renew your membership for 2021 on the GSLFIA website (www.gslfia.com) by selecting "Membership" at the top of the home page. Then select "Membership Renewal" and follow the instructions to complete the renewal.

Since my renewal is also in January, I'm excited to get to join all of you this year. Thank you and let's make this the best attended FIRC that we've ever had!! Please pass this information along to your friends as well. Auditing the FIRC is also a great opportunity for those planning to become a CFI. Looking forward to seeing you there!!!

Your continued membership and participation in the GSLFIA FIRC will help to achieve our goals to further the flight instructor's organization development and promote aviation safety. These goals are accomplished by presenting the Flight Instructors Revalidation Clinic (FIRC) each January, Round Table Discussions and Safety Seminars for all pilots..

January 2021 FIRC Continued

We also provide scholarship funds for developing CFIs and provide a membership directory on the GSLFIA website.

In the future we plan to restore our schedule of airport seminars and educational training events as the COVID situation allows. We have an interesting line up of subjects that we will be presenting. Looking forward to meeting with all of you again.

Craig O'Mara
Director, GSLFIA
Craig.omara747@gmail.com

New Newsletter and Member Information Process

Since the development of the new website we will no longer mail the GSLFIA newsletters. The newsletter will be available on the website on the same schedule as past mailings during, January, March, May, July, September, November and December. Visit the website frequently, you will frequently see operational updates for instructors and pilots, safety items, Tech Talk articles, instructor support along with general news information.

The new website provides an enhanced method to promote the organization while gaining new members and support. Your continued interaction helps CFI's communicate training information and items of importance that enhances aviation safety.

We are currently in process of developing a new webinar that will be shown in early 2021 that will be instrumental to help students, instructors, and all pilots conduct safer operations at non-towered airports. Watch for more information in the January 2021 newsletter.

Participation in the GSLFIA, FIRC and GSLFIA Educational Seminars are an investment in your local aviation community!!! Please attend and bring a friend or student.

2020 / 2021 Board of Directors

Officers

President

Keith Mueller

Vice-President

Dick Horowitz

Secretary

Craig O'Mara

Treasurer

John Schmidt

Directors

Tim Braun

John Ladley

Greg Pochapsky

James Stamm

David Pogorzelski

Zach Hagely

James Pavlisin

Elisa D'Antonio

Lifetime Members

Elsworth Files

Fred Harms

Donald Hoffmann

James Judge

Marty Landsen

Nathan Silverman

Webmaster

Bean Stalk Solutions

Dick Horowitz . Jeff Rapp

GSLFIA Ambassador to Education

Jeff Rapp

E-Mail

kvmueller1991@charter.net

www.gslfia.com

Greater St. Louis Flight Instructors Association

16105 Swingley Ridge Road #4488

Chesterfield, Missouri 63006-4488

Website Detail and Features

Due to a number of requests, this article is a close repeat of the last newsletter's information to help any members who may have missed the last newsletter to become familiar and better maneuver the new website.

The re-designed GSLFIA website is your source for CFI information/networking, aviation Q&A, plus connectivity to specific aviation resources!

The "home" page displays our familiar GSLFIA logo ("Home" icon). It has focused function & easy navigation. Access will continue to be on personal computers (PC's to me), plus portable online devices (e.g smart-phones & tablets). Enjoy the online experience!

After months of requirements-gathering and meetings with our website designer (Beanstalk Web Solutions), our website is open for use – We've signed-up new members, with more via the Member Renewal and FIRC registration!

No more paper!!! – the website will be our standard access to GSLFIA, so navigate through the web-pages. Like other aviation processes, (e.g getting a weather-briefing, filing a flight-plan) – aviate, navigate, communicate – GSLFIA.com makes it easy for everybody!

To help you get comfortable, the ...

- A. "Home Page" displays our familiar GSLFIA logo (the "Home" icon).
- B. Displays (top-2-bottom), into four sections: (1) Find a CFI, (2) Renew your CFI certificate, via FIRC, (3) Attend/register the Awards Banquet, (4) Begin your new GSLFIA membership.
- C. Across the top, are eight icons – access to key GSLFIA components
- D. Via the "Footer", you'll see six logos, with one-click access to their websites

Across the top of the "Home Page", access:

- . Find a CFI
- . Newsletters
- . CFI Tech Talk
- . Membership (*)

New Website Details / Features (Cont)

- . FIRC
 - . Scholarships
 - . Events (*)
 - . Contact
- (*) like a soft-key function w/drop-downs

The website will more easily manage member requests. Financial transactions include "e-payment" versus (check via US Mail). Contact for Q&A, will be via e-mail. Access will continue to be via Personal Computers (PC's), plus portable on devices (e.g smart-phones & tablets).

Hints within the website;

- (1) GSLFIA logo is the "home" icon
- (2) For each web-page, "up-arrow" bottom (lower right-hand corner), scrolls to top of that section
- (3) Access "Newsletters" - years, 2016-current. When choosing, allow the document to load. Then, scroll-down to view each page of that issue. At the bottom of each web-page (lower left-hand corner), use arrow/number sequenced & scroll to each page. To read next page, users must be at bottom of current page.
- (4) Across the bottom/footer of the Main Page are six logos - clicking on any, re-directs you to that organization (via their URL or hyper-link).
- (5) Click GSLFIA By-Laws or Privacy Policy, to view those documents

The GSLFIA invites your support to help educate future pilots & Flight Instructors of tomorrow. Your opinions are key to GSLFIA's success! Contact a board member, if you'd like to help.

Dick Horowitz
Vice President

Jeff Rapp
Ambassador to Education

Cold Weather Flight Operations

Cold and freezing temperatures are back. It's time to practice extra safety precautions during this time of the year and also to become your aircraft's best friend to guard against excessive engine wear and to further enhance safe operations.

Preflight - Here's the the best time to find problems, not after takeoff when choices become more limited. If the aircraft does not have the benefit of a hangar, proper preflight and extra precautions can become critical. Conduct a through check for any frozen contamination on the fuselage, both surface and hidden areas. Frozen liquids inside of flight controls can cause an out of balance situation that can cause flutter or even restrict movement. A small amount of water in a fuel system, if settled in the wrong, place can restrict or even totally stop/restrict the flow of fuel at low or high power settings.



Initial Engine Start and Warm Up - Follow preheating recommendations by engine manufacturer. Initial engine start and warm up is critical to wear and engine life. The first few minutes of engine run time can generate more wear than the next several hours of normal engine operation. Initial start lubrication and internal engine component expansion needs to be closely managed.

The proper grade of oil for winter operation is also essential, be sure that this is addressed before first severe cold temperature flight, NOT after !!

Cold Weather Flight Operations (Cont)



In Flight - It's best to keep the engine temperatures somewhat constant. Sudden extended low power glides can thermal shock cylinders and sometimes cause cracks.

New pilots need detailed instruction when experiencing their first cold weather ops experience. As an instructor, we want to insure that students have a clear understanding of proper practices and procedures (refer to the POH). Most all ground preheating units have temperature controls for preheating air, however, understanding the unit is critical. Locally, a new pilot incorrectly utilized a preheating unit that was not suitable for aircraft use - placing one of the discharge tubes into the cabin and upon return from a coffee break found severe damage to the interior of the aircraft.

Wheel pants can collect slush during touch and go landings only to freeze solid when climbing to a higher altitude. This can make that next landing quite memorable.



Of course, some days it's just better to stay on the ground!!

Keith Mueller ATP / A&P

“Mentoring Our Youth – Intro to Aviation Ed”

So, ... remember reading the July 2020 newsletter, about the “Discovery Flight” certificates? We’re pleased to announce that GSLFIA partnered on August 24th, with local FBO’s, to award 1st-flight opportunities to three very deserving students via – “Gateway Flight Training” to Faith Schmidt, “Elite Aviation” to Ethan Peterson, and “Ideal Aviation” to Ashleigh Bick-Dawes. All three began their aviation education in the “Soar into STEM”/“Summer Internship” programs at “Wings of Hope” (WOH). They’ll be formally recognized in 2021, at our “Awards Banquet”.



Ethan Peterson First Solo Flight 31 AUG 2020

What did you do since our September newsletter? I again, flew around the St Louis Class B airspace ... and, attended EAA & FAA webinars. Of particular interest, was one by the FAA on October 20th - avoiding Weight & Balance mistakes in GA aircraft. How many pilots are aware of aircraft control, when over-gross or out of CG?

COVID has altered our education opportunities. One was “Soar into STEM” (SIS), the weekend program at WOH. It will be “virtual” in 2020-2021, including three new school districts - Lindbergh, Rockwood, & University City. Lindbergh plans to offer AOPA’s “High School Initiative” or “You Can Fly” program.

“Mentoring Our Youth – Intro to Aviation Ed” (Cont)

Remember, ... **students, be aware of deadlines, for 2021 scholarships.** Some deadlines were November 1st, while others are Jan-Feb, 2021 ... don’t miss these opportunities! Apply now for AOPA’s AV8RS membership, FREE for students (www.AOPA.org/AV8RS). Plus, visit these websites for details – AOPA (www.AOPA.org/Scholarships), AWAM (www.AWAM.org), EAA (www.eaa.org/eaayouth/Aviation-Scholarships), & Women in Aviation, International (www.WAI.org).

Wait, there’s more news on “Chair-Flying”! The FAA offers excellent reading in their FAA “Safety Briefing” magazine. The Aug/Sep 20 and Nov/Dec 20 versions, each had two Safety Enhancement Topics” or “Fly Safe Fact Sheets”? Access this FAA website for a list of these topics:

https://www.faa.gov/news/safety_briefing/fact_sheets/. Plus, enjoy these magazines: AOPA’s “Flight Training”; EAA’s “Sport Aviation, FAA’s “Safety Briefing, and AWAM (Association for Women in Aviation Maintenance).

Finally, remember the FAA’s newest ground-instruction - “Runway Safety Flight Simulator. Access <https://www.runwaysafetysimulator.com/> for details.

The GSLFIA invites you to help educate future pilots & Flight Instructors of tomorrow. My inspiration was “Sky King!”. Use our redesigned website (GSLFIA.com) - join or renew your membership! We’ve made it easy for you & them – see related article.

Jeff Rapp
Associate member of GSLFIA

Joint Wings of Hope and GSLFIA Aviation Cinema Virtual Trivia Night

The first ever joint Wings of Hope (WOH) and GSLFIA Aviation Cinema Virtual (on-line) Trivia Night, held on Nov 14th 2020, was very truly a "Smashing Success" with "Emma at the Controls." Approximately 85 Aviation Enthusiast from around the St Louis area, challenged each other's memory of the 1970's series of *AIRPLANE* related comedies that brought humor and mahem to the silver screen. All proceeds support the charitable efforts of Wings of Hope and the GSLFIA Educational Scholarships.

A sincere tremendous Thank You to Tiffany Nelson of Wings of Hope for organizing the event. Proceeds will be announced when the information is available.

Second Amendment to Special Federal Aviation Regulation (SFAR) 118

The Federal Aviation Administration issued a final rule on September 30, 2020 that further amends Special Federal Aviation Regulation (SFAR) 118. Aviation activity continues to increase, and the industry is beginning to address the backlog of required training, checking, and testing requirements. However, many of the challenges that existed when the FAA first issued the SFAR in April remain today as the public health emergency continues. SFAR 118.2 is effective on October 1, 2020, and is available for public display in the [Federal Register](#). It will publish on October 6, 2020.

Please review the information above. The FAA published the above information on October 6th, 2020. This is an update from the initial SFAR Publication that referenced extensions for various requirments such as medicals. Please take a moment to reference SFAR 118.2 to determine if this applies to your personal certification requirements.

GSLFIA

Pilots and Air Traffic Controllers May Receive Pfizer COVID-19 Vaccine, with Appropriate Precaution

WASHINGTON — Following the Emergency Use Authorization from the U.S. Food and Drug Administration for Pfizer, Inc.'s COVID-19 vaccine, the FAA has determined that pilots [may receive the vaccine](#) under the conditions of their FAA-issued airman medical certification. FAA Air Traffic Controllers, who are subject to FAA medical clearance, may also receive the vaccine.

To maintain the highest level of safety in the National Airspace System, the agency will require aviation professionals with medical certifications or medical clearances to observe a period of 48 hours following the administration of this vaccine before conducting safety-sensitive aviation duties, such as flying or controlling air traffic.

Because the Pfizer vaccine requires two doses, 21 days apart for maximum effectiveness, this waiting period applies after each dose.

The FAA anticipates taking no additional measures to ensure safety after the initial window for side effects closes. However, the agency's medical professionals will continuously monitor the initial distribution of the novel vaccine and documented clinical results and will adjust these recommendations as needed.

The FAA will evaluate vaccines from other manufacturers as they receive FDA authorization in the coming weeks and months and will advise pilots and air traffic controllers of any waiting periods required for those vaccines.

The FAA applies similar brief waiting periods after administration of other vaccines, including those for tuberculosis and typhoid.

The FAA encourages Americans to receive COVID-19 vaccinations as authorized by FDA. This policy announcement pertains to a specialized group of FAA-certificated professionals who perform safety-sensitive aviation duties.

For more information, please visit the Medical Certification page at [faa.gov](#).

Greater St Louis Flight Instructors Association
Presents:

Flight Instructor Refresher Course

January, 16th 17th 2021



Greater St. Louis Flight
Instructors Association

To Register: www.gslfia.com

Registration 7:30am Saturday Jan 16th

Sponsored by GSLFIA

Through:
Aviation Seminars

Fee's in advance \$200
\$225 at the door
Audit \$50 per day
For Questions:
618-514-2647

Location:

Wings of Hope
18370 Wings of Hope Blvd
Chesterfield, Mo 63005