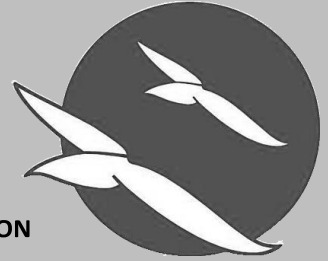


September 2017– ISSUE 1705

GSLFIA News

THE OFFICIAL PUBLICATION OF THE GREATER ST. LOUIS FLIGHT INSTRUCTORS ASSOCIATION



“Aviation Professionals Dedicated to Excellence in Flight Instruction”

2017 Annual Membership Meeting

Mark your calendars!!! The Annual 2017 GSLFIA Membership meeting is scheduled for Monday evening September 25th at 6:30pm at the Creve Coeur Airport terminal facility. The meeting will provide members along with those local flight instructors and individuals who are interested in becoming members, an opportunity to meet with officers and board members. This provides them the ability to learn more about the GSLFIA organization and the services that it provides for Flight Instructors and the community.

Topics at our annual meeting will include,

Instructor Professional Development Teaching in Today's Technological Environment Recruiting Future Aviation Professionals

Membership is open to FAA Certified Flight Instructors, Airline Check Airmen, Military Instructor Pilots and Professional Training facility Instructors such as Flight Safety and others. An affiliate membership is also available to anyone in the aviation community who is interested in supporting aviation education. We have significantly increased our support for youth education and helping to extend aviation in our schools and youth organizations. We have added a board position that is currently filled by Jeff Rapp who is our Ambassador to Education. Jeff works with many schools and several other youth organizations. The GSLFIA has supported the STL Science Center, Women in Aviation, Boy Scouts, Girl Scouts and many others.

1st year membership is free, annual membership then is only \$20.00 each year. New Flight Instructor members have the ability to attend a free FIRC with their initial membership, a \$200.00 value.

Please attend the meeting, plenty of food and soft drinks will be available for everyone.

Keith Mueller GSLFIA President.

2017 Annual GSLFIA Awards Banquet

The annual GSLFIA aviation awards and banquet is scheduled for Saturday October 28th at 7:00 pm at the St. Louis Lambert International Airport in the Missouri Vineyards Banquet Room in Terminal A (Main Terminal).

The Vineyards Banquet room offers excellent dining along with a wide panoramic view of the airport with one entire wall of the room exposed to the airport operation. It is an excellent atmosphere for professional instructors and aviation enthusiasts to unite.

Our keynote guest speaker will be a well known St. Louis Native George Andre who has an extensive aviation background that includes Flying the U.S. Air Force SR-71 Blackbird spyplane. George also has an extensive airline career along with being an accomplished aviation author. George will provide an exciting recount of his experiences flying where very few have had the opportunity to venture and at Mach 3.



Parking will be complimentary and very convenient in the main terminal garage and provided by the St. Louis Lambert Airport Authority.

Awards will include,

Flight Instructor of the Year

New Flight Instructor of the Year

St. Louis Byrnes Award for Lifetime Achievement

Several Master Pilot Wright Brothers Awards

Discovery Flight Certificates to our Young Aviators.

Spirit of St. Louis Awards for Contributions to Aviation.

Banquet seats remain at \$35.00 for this event. Contact Keith Mueller at kvmueller1991@charter.net or call for tickets at 618-514-2657.

**GSLFIA
Contacts**

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2018 Flight Instructor Refresher Clinic

I know that it's 90 degrees outside, but, January 2018 will be upon us before we know it and that means that it's time for the annual GSLFIA Flight Instructor Refresher Clinic (FIRC). Our Letter of Authorization (LOA) only allows us to conduct FIRC's for two years then we need to write another Training Course Outline, submit it to the FAA and hope for their approval. We're well into the new TCO and will submit it by the required 1 October in order to get it approved by January. The Advisory Circular (AC 61-83H) that governs the FIRC requires us to include 10 CORE Subjects but allows us to come up with two electives. With all of the emphasis by the National Transportation Safety Board (NTSB) on Loss of Control (LOC) we've chosen to include that subject and with the new "Compliance Philosophy" articulated by Administrator Huerta in June of 2015 we've decided to have a module outlining all that means to CFI's our students. It's a big change from past policies towards pilot incidents!

We put out a request in the last newsletter for CFI's that want to help teach FIRC modules but got no takers so we were fortunate to get many of the excellent CFI's who've presented in the past and gained two extremely qualified instructors to take us through our elective modules. Captain Greg Pochapsky, former USAF C-9A pilot, Ozark/TWA Air Line Captain and Training manager will take us through the module on "Compliance Philosophy" and Colonel Jim Stamm, retired USAF pilot/Squadron Commander will discuss the Loss of Control (LOC) problem that has been claiming so many lives in GA aircraft over the last few years.

The FIRC is scheduled for Saturday the 20th and Sunday the 21st of January at the Wings of Hope (WOH) hangar at 18370 Wings of Hope Blvd on the Spirit of St. Louis airport. We will open the doors for registration about 0730 on Saturday and provide a FREE continental breakfast and lunch as always.

Please communicate with your friends and fellow aviation professionals about the FIRC. We welcome members and nonmembers to attend. This also a good opportunity to have a CFI student attend and have an opportunity to share experiences with fellow instructors.

As we get closer to the date we'll be getting more details out in various ways, so stay tuned.

Craig O'Mara Director GSLFIA
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Help Support the GSLFIA with Your Bookstore Purchases

Help Support the GSLFIA with a bookstore donation program.

Gateway Flight Training recently opened two pilot supply locations in the St. Louis Area.

Creve Coeur Airport and the Spirit of St. Louis Airport at Million Air opened their doors with an excellent supply of aviation training materials and publications to support your and your student's needs. Any Greater St. Louis Flight Instructor Association member who purchases Supplies– Texts– Materials from a Gateway Pilot Supply Facility, Gateway will make a donation to the GSLFIA Grant Fund in their name. Just send a copy of your receipt with your name to, info@gatewayflight.com and the donation will be made to the GSLFIA. Shipping is free for any purchases of \$50.00 or more if shipped to a U.S. address.

Help Support Education and the GSLFIA!!!!

Loss of Control Seminar

The GSLFIA is planning a Aircraft Upset / Loss of Control seminar in November. Jim Stamm a GSLFIA Board of Directors member and retired Air Force Pilot will discuss several aspects of this critical situation that costs several General Aviation Pilots their lives each year. The seminar will cover several of the contributing factors that gets pilots into this critical situation. Watch for the FAA Spans messages and GSLFIA media for the date and location of this important seminar.
The GSLFIA is working for you!!!

Technical Topics

Board Directors with The GSLFIA recently had the opportunity to sit down with Mr. Larry Strayhorn, Air Traffic Manager, Spirit of St. Louis tower facility. Mr. Strayhorn is very supportartive of the GSLFIA efforts to have better communications between the area CFI's and the area ATC providers. Much as we have been doing with the STL TRACON, the GSLFIA Tech group will be happy to act as a point-of-contact for the GSLFIA members with local ATC concerns.

Please send comments, questions and concerns to the GSLFIA and we will do our best to provide a timely answer published in the newsletter.

Mr. Strayhorn welcomes visits to the SUS tower, but asks that you first call or leave a message on his phone as manpower must be available for your time of visit. His office phone is 314-890-7282.

“Mentoring Our Youth – Intro to Aviation Ed”

GSLFIA has been busy this summer, with participation & planning for very inspiring aviation activities:

. “SciFest” at the St Louis Science Center (SLSC) on 8/19-20. Throughout 2017, the SLSC hosts a monthly expo. The August theme was “Eclipsed”, with expansion to include aerospace & aviation. NASA hosted their “Aerospace” booth each day. For the “Aviation” booth, GSLFIA combined with “Young Eagles”, SWIC, and WAI. Attendance was great, with 12,500 evenly split across both days!

. “Young Eagles” via EAA’s Chapter 64, hosted numerous flight-days at CPS. Many youth were able to enjoy & learn from these activities. Another large group is expected for the “Aviation at CPS” event on 10/7.

In the coming months, will be AOPA’s “High School STEM Symposium” on 11/6-7. I’ll participate in “Girls in Aviation” Day on 9/23 at Lambert Field, and the Girl Scouts “Shades of Green” at America’s Center on 10/28. We’re excited to showcase our aviation education offerings.

Curriculum planning & support will continue for the K-12 community. Our focus is to reach the younger students (middle-school level), by describing opportunities for aviation careers. With the acute need for pilots, we’re contacting school counselors to assist with educating the high school students, who want to pursue aviation careers and need guidance for curriculum paths.
The GSLFIA supporting aviation education for our youth!

Jeff Rapp
Associate member of GSLFIA

Completing the Career Change

Timothy Braun GSLFIA Director

Here I find myself as a new hire for Trans States Airlines, I may soon be the industry professional to help others along their aviation path. The advice I would give to such an individual:

Become an active ambassador for yourself in terms of aviation. Seek out those who are influential in the aviation community. A good start would be to get to know your academic professionals and volunteer. If you are training through a University, there is a list of students who are known to be good volunteers. Get on that list! Groups such as Women in Aviation,



Greater Saint Louis Flight Instructors Association, EAA are always seeking help staffing sponsored events in the area. The idea is for you to prove yourself as a worthy individual, someone they would want to see succeed. So, when you need that letter of recommendation, not only is it easily obtained, it's coming from a person with great influence maybe even from within the company that you have applied. Join a mentorship program, there are a few to choose from, if you are airline bound. Trans States Airlines has a program called "Aviators". An application process must be completed, but once accepted you will attend a yearly meeting, along with other tasks and itineraries. You will also get to know the names and faces of those who run the airline. One benefit that I appreciate the most is the fact you are assigned a mentor to assist you in any questions you have along the way to being hired. I plan on fully exploiting this option once my training begins. You will also have the opportunity to get to know those who you will be working with. On the flip side they get to know you as well. This will greatly simplify your final interview for getting hired -TRUST ME.

Stay in contact with those who are ahead of you. This is a viable asset, and will pay dividends once hired. This is the person who will tell you what bear traps to watch out for. For those of you who do not know me, my pitfall is over studying. Hats off to Bob Prenger for asking me all too often "why are you reading that?" generally concluding with "you don't need to know that".

Risk Management

The ACS requires that we teach risk management. Not that risk management has never been taught before, but now there is an attempt to formalize the teaching of risk. Risk mgmt. can be learned two ways One, acquire lots of experience. But since new students do not have that luxury, we have created scenario based training and the ACS risk management area. That in itself is still not enough. I submit that is a false level of security and will become more of a check off item than a teaching experience.

This article introduces some risk management concepts, and subsequent articles will go into depth of these concepts.

Risk is a topic any business person or entity needs to consider in a systematic way Risk management is a department in large organizations. Millions is spent by governments and corporations everywhere on managing risk. Risk management is about a lot more than the immediate management of risk associated with an event, like a flight. There needs to be a process taught for risk management. It is common practice in all disciplines – business, medicine, etc., to teach a process in lieu of experience.

Understanding about risk and risk management will help you teach it. And we are talking more extensive than the mnemonic based IMSAFE stuff. You need to understand that there are many elements to risk other than the immediate ones associated with a flight.

First thing that needs to be taught is there is a risk chain – risk factors are accumulative. One factor can be manageable. A bunch of risk factors will compound to an unmanageable level. Many situations that have resulted in tragedy have been the results of broad factors that contribute to distractions, and then more immediate factors that are not handled well.

The risk chain starts with **Global factors** – the economy, the weather pattern, your job, our family. None of these are present in any direct aspect, but always contribute to risk. They set up a tone. Then there are **situational factors** – the airplane just had an annual, or you and your spouse had a disagreement, or your medical expires soon. Again, these are not directly connected to a specific flight, but can start a chain of events. Lastly there are the **immediate factors** – weather, distractions, workload, complex navigation and airplane issues.

Students need to look at these categories, then submit them all to a process So you need to also expose students to a process to MANAGE (not identify or assess) risk.

The basic risk management process follows. This article will introduce the process. The next one will provide details on each step.

Aware – Acknowledge the presence of risk – it is always there at all times.

Assess – What kind of risk factors apply? Analyze the risk chain

Identify – Pin point the risk factors – what risk chain items are present?

Evaluate – Understand nature of risks – how severe are the risks?

Control – Develop mitigation plan – if we encounter risks, how do we deal with them, or how do we eliminate the risks from the beginning?

Implement – Do the plan!

Monitor – Is the plan working?

In summary, IMSAFE, scenarios and the ACS certainly address risk, but they do not TEACH risk management. What Knowledge? Knowledge creates wisdom, which is what we want.

This is not a process we can leave to scenarios and experience. We need to teach a process. Risks are present all of the time. There is never a risk-free event.

John Ladly GSLFIA Director

FAA PUBLICATIONS CURRENCY

If we are to teach our students the latest procedures and most current information we need to keep our professional library stocked with the most current literature. Your GSLFIA will provide you with the latest updates to FAA publications that are available at the time of publication of our newsletter so that we can all make sure that we are teaching from the same "sheet of music". So, as of 20 August 2017 here are the latest editions of various FAA information sources:

"Weight and Balance Handbook"	FAA-H-8083-1B	2016
"Risk Management Handbook", Ch.1	FAA-H-8083-2	1/2016
"Airplane Flying Handbook"	FAA-H-8083-3B	2016
"Helicopter Instructor's Handbook"	FAA-H-8083-4	2012
"Weight Shift Control Flying Handbook"	FAA-H-8083-5	2008
"Advanced Avionics handbook"	FAA-H-8083-6	2009
"Aviation Instructor's Handbook"	FAA-H-8083-9A	2008
"Aviation Instructor's Handbook" Errata Sheet	FAA-H-8083-9A	3/7/2014
"Balloon Flying Handbook"	FAA-H-8083-11A	2008
"Glider Flying Handbook"	FAA-H-8083-13A	9/13/2013
"Glider Flying Handbook" Errata Sheet		5/11/2015
"Instrument Flying Handbook"	FAA-H-8083-15B	2012
"Instrument Flying Handbook" Addendum		4/2015
"Instrument Procedures Handbook"	FAA-H-8083-16A	2015
"Parachute Riggers Handbook", Ch.1	FAA-H-8083-17A	8/2015
"Flight Navigator Handbook"	FAA-H-8083-18	2011
"Plane Sense"	FAA-H-8083-19A	2008
"Rotorcraft Flying Handbook" (Gyroplane use)	FAA-H-8083-21	2000
"Helicopter Flying Handbook"	FAA-H-8083-21A	2012
"Helicopter Flying Handbook" Errata Sheet		11/5/2014
"Seaplane, Skiplane, Float/Ski Equipped Helicopter"	FAA-H-8083-23	
"Pilot's Handbook of Aeronautical Knowledge"	FAA-H-8083-25B	1/2016
"Student Pilot Guide" Ch.1	FAA-H-8083-27A	2006
"Powered Parachute Flying Handbook"	FAA-H-8083-29	2007
"Aeronautical Information Manual" Changes 1,2,3	Effective	4/27/2017
"Airman Certification Standards - Private Pilot" Ch.1	FAA-S-ACS-6	6/15/2016
"Airman Certification Standards - Instrument" Ch.1	FAA-S-ACS-8	6/15/2016
"Airman Certification Standards - Commercial" Ch 1-2.	FAA-S-ACS-7	7/1/2017
"Conducting an Effective Flight Review"	Revision 160119 V.1.5	
"IPC Guidance"	Revision 150909 V.1.1	3/2010
"Aviation Weather Services"	AC 00-45H	11/14/2016
"TERPS"	8260.3C	3/14/2016
"Best Practices for mentoring in Flight Instruction"	Revision 160120 V1.2	

One change is that the Commercial Pilot Practical Test Standards has become an ACS. As always, please consult the latest FAA.gov website for changes and don't hesitate to let me know if I have of the information listed incorrectly.

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*Join us for
Girls in Aviation Day
Saturday,
September 23, 2017*

- Connect with other girls and women who are excited about aviation!
- Explore the opportunities for work and play in the aviation and aerospace industry!
- Experience the high-flying fun aviation offers!

Date:

Time:

Location:

Contact:

or visit www.WAI.org/chapters

Register <https://www.eventbrite.com>



Please support the Girls In Aviation Event on September 23rd