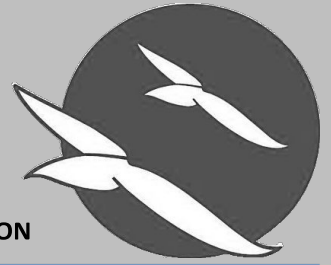


GSLFIA News

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



“Aviation Professionals Dedicated to Excellence in Flight Instruction”

C.A.S.E. Can Still Be Viewed!

Operations at nontowered airports by C.A.S.E. or the Coalition for Aviation Safety Education can still be viewed. C.A.S.E. has been formed as a TEAM Effort organization that consists of the Wings of Hope, Women with Wings, The Greater St. Louis Flight Instructor Association and The Greater St. Louis Business Aviation Association organizations. The case webinar is a two part subject on Non-Towered Airport Operations. Views on the webinar have exceeded more than 10,000 in 60 countries.

ABOUT THIS COURSE
NTSB Records indicate the need for pilots to become more familiar with how to operate at Non-Towered Airports.

The Coalition for Aviation Safety Education (CASE) has put together this course as a guide to help outline best practices during a simulated corporate flight from St. Louis Downtown Airport to Montrose Regional Airport in Colorado after the towers at those airports have closed.

The 7 authors of this presentation have a combined experience of

- 309 years of flying with an average of 44 years each
- 100,500 cumulative flight time exceeds an average of 14,357 each
- 30,700 hours of dual given for an average of 4,385 hours each

They are current CFI's, corporate and military pilots with lifetimes of teaching and a College Aviation Department Director, responsible for course development and execution.

EARN WINGS CREDIT
This course qualifies for FAA Pilot Proficiency Program WINGS credit.

PRESENTERS Elisa D'Antonio & Craig O'Mara

HOSTED BY Keith Mueller

These free archived courses, are available anytime for your convenience. Registration is not required, no additional software to download.

COALITION FOR AVIATION SAFETY EDUCATION
Wings of Hope
Women With Wings Chapter- Women in Aviation
Greater St Louis Flight Instructors Association
Greater St Louis Business Aviation Association

The Coalition for Aviation Safety is composed of several aviation groups from a Nobel Prize nominated organization, a nationally recognized Women's Aviation organization, a regional CFI advocacy group, and regional corporate aviation advocacy group.

CASE
Coalition for Aviation Safety Education
WEBINAR SERIES
Non-Towered Airport Operations

PART 1:
www.caselive.org/1.html

PART 2:
www.caselive.org/2.html

The webinar was a two part series originally available on Feb 23rd and March 23rd but is continuously available for anyone to view.

To view both segments just go to,

Part 1 www.caselive.org/1.html

Part 2 www.caselive.org/2.html

GSLFIA and Wings of Hope Trivia Fundraiser

Don't miss this year's **Time Travel (Virtual) Trivia Night** coming up on Saturday May 22nd. Proceeds from the event benefit the GSLFIA Student CFI Scholarship Fund and the Wings of Hope charitable efforts throughout the world.

This will again be a virtual event utilizing the same format as the prior trivia night last year- except this year the number of rounds will be reduced to four. Your help and support provided a total benefit of approximately \$4,600.00 that supported both organizations.

Sponsorships are available to individuals or organizations for the following amounts.

Gold Sponsor \$1,000.00

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Trivia Round Sponsor \$100.00

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16105 Swingley Ridge Road #4488

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CFI TTD

CFI "THINGS TO DO" LIST

Are you one of those people who love a Things to Do Lists (I make them all the time but never seem to get them done)? As a CFI we might think about making a list of things that we need to do to keep us proficient (in addition to the things that we need to do to keep us current - Flight Review, FIRC, 3 bounces, etc.). One of the things that the NTSB has indicated that is one of their "Hot Items" is Loss of Control (LOC). That and spins are probably a couple of things that we CFI's learn prior to taking our CFI check ride but that you might not do anymore. If you found yourself in either of those situations, could you really get yourself and your student back in control of the airplane?

If it's been a while since you've practiced either one of those critical skills, may I offer an opportunity to do just that with Jim Heinz, one of our own GSLFIA CFI's who's not only local but also has the right airplanes (Pitts and a Decathlon). He has taught both of those courses to corporate pilots for years and still teaches spin training and aerobatics to aspiring CFI's and anyone else who wants to learn?

Having gone through the training with Jim, I can tell you that I feel much more comfortable in an airplane that has gone beyond the typical 45 - 50 degrees of bank and maybe 10 degrees nose high and low that we see with our students. Jim has been teaching and competing in aerobatics for years and will certainly be able to allow you to cross LOC/Spins and even aerobatics off that CFI TTD list that I'm sure that you're going to start tomorrow! Contact Jim at jvheinz4@gmail.com and head on up to KSET to start on that list!

Craig O'Mara

Director, GSLFIA

craig.omara747@gmail.com

618-558-7211

Single-Pilot Resource Management or SRM

by Jim Stamm (GSLFIA Director)

In the United States, General Aviation (GA) accounts for 96% of the aircraft and 60% of flight hours – unfortunately, it also accounts for 94% of fatal aviation accidents. Estimates put the number of accidents caused by “pilot error” at upwards of 80% - just way to high of a number. We’ve heard a lot about and many airline and military pilots have been taught Crew Resource Management (CRM) but a relatively “new” aviation management tool called Single-Pilot Resource Management (SRM) is now being used and taught to help reduce these statistics for planes with only one pilot. The initiative for SRM training began way back in 2005 when the National Business Aviation Association (NBAA) published some training guidelines for single-pilot operation of Very Light Jets or VLJ’s. However, the use and application of SRM is not just limited to VLJ pilots – this SRM training and application applies to ALL single-pilot flights in General Aviation (GA).



SRM is defined by the FAA as the; “art and science of managing ALL the resources (both on-board the aircraft and from outside sources) available to a single-pilot (prior and during flight) to ensure that the successful outcome of the flight is never in doubt.” SRM is a structured approach which helps pilots learn to gather information, analyze it, and make sound and proper decisions on the conduct of the flight – it’s a tool to help manage or balance all the tasks expected of a single-pilot.

These “decision points” where one can insert SRM could be the preflight, pre-take off, cruise, descent, just prior to the IAF/FAF during IFR and the visual pattern during VFR. SRM provides a “practical framework” for use in the application in everyday flying. An approach the FAA provides involves the regular evaluation of **Plan, Plane, Pilot, Passengers** and **Programming** or 5P’s at all stages of a flight. You can simply write these 5 “P” words on your kneeboard or add them as a reference to your checklist for key decision points during the flight.

SRM Training Focuses On

- Situational Awareness
- Task management
- Automation management
- Risk Management
- Aeronautical Decision making
- CFIT Awareness

Single Pilot Operations at "Near" Airline Levels of Safety



SRM training helps the pilot maintain situation awareness by managing the automation and associated aircraft control and navigation tasks. This enables the pilot to accurately assess and manage risk and make accurate and timely decisions. SRM is primarily an adaptation of CRM to single-pilot operations with the purpose of reducing the number of GA accidents caused by human error by teaching pilots about their own human limitation and also how to maximize their performance.

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Single-Pilot Resource Management or SRM (Cont)

as a reference to your checklist for key decision points during the flight.

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As Certified Flight Instructors, there are many expectations demanded from multiple sources like the FAA, the FBO, Air Traffic Control in congested airspace or your iPad/FMS or even the airplane itself and let's also not forget the student who has an immediate expectation while in the air and on the ground – the objective of the 5P SRM approach is NOT to memorize yet another aviation mnemonic. It needs to be taught and utilized as an integral part of a single-pilot's thought and management process as they conduct their flight; just as CRM has become an integral part of flying a crew aircraft.



Teaching this 5P method is a good way to keep your student pilot and maybe future Airline Pilot safe. A student pilot's (or GA pilot's) transition from SRM to CRM will be easy and seamless once they begin flying as part of a crew. Remember that a single-pilot flight operation only has a crew of "you". Fly Safe and Stay Aware !!!

TECH TALK

<https://gslfia.com/cfi-tech-talk/>

FAA DYNAMIC REGULATORY SYSTEM (DRS)

The FAA has established a site to more easily access documents ranging from old CAA manuals to ADs, ACs, STCs, PMAs, Orders and Handbooks. Give it a try at:

https://www.faa.gov/about/office_org/headquarters_offices/avs/programs/drs/

CAA – Civil Aviation Agency
AD's – Air Worthiness Directives
AC's - Advisory Circulars
STC – Supplemental Type Certificates
PMA's – Parts Manufacturer Approval

New FAA Advisory Circular

The FAA has recently published AC 91-92 Pilot's Guide to a Preflight Briefing. This 21 page Advisory Circular was developed to provide "...an educational roadmap for the development and implementation of preflight self-briefings, including planning, weather interpretation, and risk/mitigation skills." In short, it is a handy guide for all pilots and especially CFIs and their students. It includes numerous explanations, definitions and resource links. This document can be found at https://www.faa.gov/regulations_policies/advisory_circulars



“St Louis Regional Airports – Traveling thru Time”

Do you recognize this airport? Where was it located? Why was it configured like this? I bet many of you have flown in/out of here! These are a few questions, I'd like to explore in this issue of our GSLFIA Newsletter.

St Charles County Regional Airport – Smartt Field (was 3SZ) has an immense history in the St Louis area. In addition to small airports like Arrowhead (02K), St Charles Municipal (3SQ) and Weiss (3WE), KSET offered much to Navy pilot training in WW-II. My Dad used it, during his training in WW-II. For me too, it's one of many that I've used towards my PPL. The history of KSET began, as you see it in the above image.

Similar to Detroit's "Grosse Ile Municipal (ONZ) and others across the country, "Smartt Field", was a Navy auxiliary training base in WW-II and current home to the Missouri Wing of the "Commemorative Air Force" (CAF).

Navy training fields often had runways configured, to always land into the wind. Why? The aircraft carrier always steamed into the wind for flight operations, so little need for crosswind landings and takeoffs.

Originally named "Neubeiser Field", after the original landowner, Ruth Neubeiser, it was the beginning of GA-Reliever airports near St Louis. The runway layout was shaped like two squares overlapped, to form an eight-pointed star. Rock was hauled into Orchard Farm to create what was named Field #34512. Then during WW-II, it was renamed after Navy Ensign Joseph Gillespie Smartt.

In 1952, the runways 18-36 and taxiway, also served as a 300 ft wide dragstrip, In 1954, all eight runways were in-use. Then in April 1984, the Missouri Wing of the CAF, began operations there. They re-dedicated KSET to Ensign Smartt, with a Stearman "Missing Man" flyover. At the beginning of 2020, it was renamed again, to "St Charles County Regional – Smartt Field". Today, it hosts EAA Chapter 32 and three FBO's.

Sources for this article were Wikipedia, Joan Koechig, of the SSCHS (St Charles County Historical Society), and Dennis Wiss, Airport Manager.

Jeff Rapp

Associate member of GSLFIA



June 5th - Don't Miss the Youth Aviation Day at Creve Coeur Airport



Youth Aviation Day
June 5th 10:00 A.M. – 4:00 P.M.
Creve Coeur Airport



Aviation Career Fair

Airplane and Helicopter Displays

Young Eagle Flights (Ages 8-17, Registration Required)

First Timer Discovery Flights Huey Helicopter Rides

Food and Fun for Everyone!



Visit the Gateway Youth Aeronautical Foundation
And Historic Aircraft Restoration Museum

Free Admission

Food and some activities extra

Use Social Distancing and Masks per County and CDC Guidelines

Check the Youth Aviation Day Facebook Event for Details

Special thanks to these event sponsors:





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TRIVIA!

**FLYING THROUGH
THE DECADES**

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wingsofhope.org/trivia**

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**For more information, contact Tiffany Nelson at
tiffany.nelson@wingsofhope.org**

18370 Wings of Hope Blvd. | St. Louis, MO 63005

**SATURDAY,
MAY 22
6 PM**



TIME TRAVEL *(Virtual)* TRIVIA!

SPONSORSHIP OPPORTUNITIES

Your generous sponsorship of this event directly supports the charitable efforts of the Greater St. Louis Flight Instructors Association and Wings of Hope. These efforts include pilot scholarships and medical access programs around the world.

You will receive the following benefits:

GOLD SPONSOR | \$1,000

- Prominent recognition on event website (wingsofhope.ngo/trivia)
- Prominent social media recognition by Wings of Hope, and GSLFIA
- A company logo will appear on all trivia slides
- A company logo will appear on event signage
- 8 tickets to participate as a virtual team

SILVER SPONSOR | \$500

- Recognition on event web site
- Social media recognition by Wings of Hope, and GSLFIA
- Recognition in event program
- Logo on screen during event opening and closing
- 8 tickets to participate as a virtual team

BRONZE SPONSOR | \$250

- Recognition on event web site
- Social media recognition by Wings of Hope, and GSLFIA
- Recognition in event program

TRIVIA ROUND SPONSOR | \$100

- Recognition on event web site
- Recognition in event program
- Logo on screen during sponsored round

For more information, contact Tiffany Nelson at tiffany.nelson@wingsofhope.ngo

SPONSORSHIP FORM

Your generous tax deductible donation to this event directly supports the charitable efforts of the **Greater St. Louis Flight Instructors Association** and **Wings of Hope**. These efforts include pilot scholarships and medical access programs around the world.

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TO MAIL/UPS YOUR DONATION, KINDLY SEND TO THIS ADDRESS: ATTN: Trivia/Tiffany Nelson, 18370 Wings of Hope Blvd, St. Louis MO 63005

For questions please contact Tiffany Nelson at 636.778.5509 or tiffany.nelson@wingsofhope.ngo

THANK YOU FOR YOUR GENEROUS SUPPORT! – For tickets, visit
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