February 2020

MPA NEWS

www.mopilots.org

Missouri Pilots Association
67th Anniversary
1953 – 2020

The planning for the 67th MPA Annual Convention is in up and running, and at full speed. Mike Vaughn, South Central Chapter President, has put in place several committees, charged with planning the convention. At this point the convention will function as last year; an ice breaker Friday Night, Convention meetings Saturday, and Awards Dinner Saturday Night. The South Central Chapter will make the convention a rememberable event; even better than last year.

Remember State Aviation Day is set for March 31, 2020, from 9:00am until 2:00pm. The meeting point will be on the 3rd floor of the Missouri State Capital Rotunda. We need as many MPA members in attendance as we can get, as benefits come from numbers. If you need wearing apparel, to identify you as an MPA member, during State Aviation Day, contact Phyllis White. Keep this day open, and the State Aviation Day committee will be providing talking points to discuss with your Representative during your day at Missouri's Capital. If you would like to see anything further regarding State Aviation Day, Google Missouri State Aviation Day.

Due to Christmas events and bad weather, we have not met at the State level for a couple of months; however, the State operations of the MPA continue a quick pace. The committees have been working hard, seeing the operations of the MPA are satisfactorily completed. For example, the Future of MPA committee has been working to make some communications improvements for the Chapters and at the State level. The State Aviation Day committee has been in contact with the leaders of the State Aviation Day activities and providing input from the MPA's perspective. The scholarship committee has begun its activities to obtain, review and suggest high talented candidates for our annual scholarships. All other committees are active as well.

I would like to make an open invitation for ideas from all MPA members on things all would like to see at our State Conventions. This is an annual event that is provided for all members to participate and should meet the needs of all members. If the planning committees do not know of the needs of our membership, there is a chance those needs will not be fulfilled. For those in the association that do not routinely attend the State Convention, you are missing a great opportunity to meet members from other chapters and gain good ideas going on in other chapters. Keep the weekend of May 29, 30, and 31 open for a great opportunity and great time at the 67th MPA State Convention.

Floyd Deidiker, President

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Need MPA Apparel?

The MPA has new merchandise available for members!
Sizes XS-4XL for $25; Visors to match for $15;MPA Logo for $3.00

Need more information? Have questions? Want to order? Contact Phyllis White @ 417-252-1750 or by email: phylliswhite18@gmail.com

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7. PAT DEIDIKER PO Box 1528, West Plains, MO 65775-2909

MOL. COREY LEUWERKE (573) 374-0739
USPA Representatives: Jan Hoynacki, Art Stewart, Kay Smith, Pierre J. Moeser, MD, Joe McNeil

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PLUS, All past state presidents who maintain their MPA Membership are Directors for life.

2020 Calendar

Feb. 4 KANSAS CITY Board Meeting at Executive Beech Hangar, Downtown Airport, 7 PM

Feb. 5 ST. LOUIS, Walnut Grill in Ellisville, 1386 Clarkson Clayton Center. 6PM

Feb. HEARTLAND To be announced by President

Feb. SPRINGFIELD Springfield-Branson Regional Airport Terminal 7 pm

Feb. BOLIVAR, No meeting in February

Feb. 15 SOUTH CENTRAL - Ruby's Restaurant, Eminence, 2 PM

Feb. 19 GATEWAY - Culpepper's Grill & Bar, 3010 W. Clay St., St. Charles, 6pm food, 7pm

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Feb. 20 Deadline for information to Editor

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Feb. 25 LAKE of the OZARKS, Wicked Willies

Feb. 26 KANSAS CITY, Membership dinner meeting, DAV on Highway 40, Independence

Feb. 27 OZARKS, McFarlans in Branson, 7pm

STATE MPA BOARD MEETING February 9 will be at Vichy Airport, north of Rolla at 1 PM
Nearby Vichy Wye Restaurant is available for meals located at Highway 63 and road to Airport

Fly-outs and Events

Feb 1: Springdale, AR (KASG) First Saturday Breakfast, 7:30-11; Lunch 11-7pm. Special prices for fly-in's. Contact 479-334-5184
Feb 1: Ponca City, OK – (KPNC) First Saturday breakfast. 7:00 – 10:00 AM Bruce Eberle 580-761-5884 ou444@yahoo.com
Feb 1: Morrilton, AR (KBDQ) Breakfast 9am. EAA meeting after breakfast 501-472-1197
Feb 8: Carlisle, AR (4M3) Fly in Breakfast,8:30-11:30 501-606-6672
Feb 8: Bryant, AR (KSUZ) Free Pilot Meet and Greet! FAA Examiner Seth Lake; Food and Meeting. Contact 501-749-4725
Feb 14: Lonoke AR (1AR9), 6-8pm Contact Dave Rottman 231-225-2845
Feb 15: Berryville, AR (4M1)
Feb 15: Pine Bluff, AR (KPBF) 8:00 AM – Fly in Breakfast 870-377-2728
Feb 22: North Little Rock, AR (KORK) EAA Super Breakfast by donation; 8 to 10am. Contact Marvin Homsley 419-360-741
Feb 29: Jonesboro, AR, Classic Airstrip (23AR) Breakfast. Contact Gary Hills 870-514-4191

2020
March 31: Missouri Pilots Association Aviation Day, Jefferson City
April 31-May 3 - USPA Fly-out to Branson
May 30-31: Scott Air Force Base Open House; Also, Blue Angels
July 20-26: Oshkosh Air Venture

MISSOURI PILOTS ASSOCIATION

APPROVED MINUTES OF THE 11-10-2019 MEETING

THESE WERE APPROVED VIA EMAIL

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The Missouri Pilots Association Board Meeting was called to order at 1:06 PM at the Rolla-Vichy terminal conference room by President Floyd Deidiker.

Members in attendance were: Bob & Donna Crandell, Hubert Looney, Floyd & Pat Deidiker, Pierre Moeser, Jan Hoynacki, Jack Reynolds, Terrie Jo & Gary Fox, Jim Fowler and Joe McNeil.

The pledge of Allegiance was led by Pierre Moeser.

Birthdays, Anniversaries: Hubert & Roz Looney, 32nd Wedding Anniversary

The minutes from the 10-13-19 meeting were approved as corrected. Motion was made Jan Hoynacki and seconded by Jack Reynolds. The motion carried.

The Treasurer's report: Pat gave out the rebate checks to the Chapter Presidents along with a list of current chapter members.

The Data Base report : Pat Deidiker is working hard to merge all the information into 1 report.

President's Report: Floyd Deidiker

Bob Crandell made a motion to make John Flaherty from the St. Louis Chapter a lifetime member. This was seconded by Terrie Jo and Gary Fox. The motion carried. We need to send him a framed certificate.

Floyd discussed the dissolution of the Pony Express Chapter. He thanked Jan Hoynacki and Ron Wade for squelching the bad feelings with the Chapter.

Floyd will compose a letter to send to the Pony Express Members explaining that we know they have dissolved the chapter. He will send copies to the Board for approval before it is sent to the Pony Express "members". If they have continued interest in the MPA we would like them to stay on as members at large or join another existing chapter.

The assets will be given to the local EAA chapter.

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Chapter Reports:

The following chapters had no reports: Springfield, Mid-Missouri, Heartland, and Poplar Bluff.

St. Louis: Bob Crandell

Their Speaker was Michelle Kratzer from MODOT. Her presentation was very good. She let everyone know where the money is being spent and is willing to travel to other Chapters around the State.

The December meeting will be the annual Christmas Party at Walnut Grill.

Kansas City: Fred Schieszer

The report was given by Terrie Jo and Gary Fox.

The speaker was Lt. Colonel Hugh Mills who flew helicopters and had 2 tours of Vietnam. He also was awarded 4 purple hearts and has written a book.

The new Catholic School, St. Michael's is now teaching aviation to the students. They are part of the STEM program from AOPA.

Ozarks: Jan Hoynacki

There was no program.

Gateway: Pierre Moeser

The October meeting was the annual "picnic" held at the American Legion Hall. The December event will be the annual Christmas party hosted at the home of Tim & Kelly Baker with the $10.00 gift exchange.

Lake Ozark: Jim Fowler

Elections were held and Jim Fowler is the new President.

South Central: Mike Vaughn

The report was given by Floyd. They did not have a speaker but did conducts the "5" minute Safety Seminar, that always ends up being longer than 5 minutes. Floyd asked for prayers for Ray Fine.

Bolivar: Bill Cheek

Bill advised via email that the chapter participated in a fly-over for the Buffalo, MO Veterans Day Parade on 11-9.

Jack Reynolds has moved to the Springfield Chapter in hopes of making it an active Chapter again.

Committee Reports:

Airports and Facilities: Bob Crandell

Bob reported that the Springfield-Branson National airport has a crane on the grounds and they are building new Corporate Hangars. The Washington County airport in Potosi is relocating the beacon and is building additional hangars.

Cassville Municipal wants to add a fuel tank with a fuel farm project. Lamar Municipal is asking to build more hangars.

State Aviation Day: Bill Cheek, Dan & Rosemary Gilbert

Nothing new to report at this time, Remember the date: 3-31-2020. Please plan on attending.

Legislative Report: Larry Harmon

See newsletter for report.

Membership: Janet Caldwell

No report.

Programs: Fred Schieszer

No report.

SAFE program:

Keep flying.

2020 Convention: Floyd Deidiker, Mike & Sharon Vaughn. The committee is working on the details. The tentative date is 5-22-20 in Mountain View.

EEF: Jan Hoynacki - Nothing new to report.

Scholarship committee: Fred Schieszer, Bob Crandell
Fred is working on the verbiage of the application. It needs to be changed.

Newsletter Committee: Hubert Looney and Sharon Vaughn
Hubert asked if we had any information or contracts on the advertisers. He has none and does not know when their ads expire or for how long they should run for. Floyd will check to see what he has for the advertisers. Hubert also suggested that we negotiate a discount with the advertisers for members that use their services. The motion was tabled until the next meeting.

Airport Features in the Newsletter: Hubert Looney
Hubert thanked Jan for all of her help and the article on the M. Graham Clark Airport that she was able to get.
She is working on a template for Hubert.

Public Relations: Sharon Vaughn - No report.

Website: Richard Baricko

Future of the MPA: Pierre Moeser
Pierre discussed the Future of the MPA. The summary follows: Members who want change in the MPA to ensure its' survival want:
A new functional website, communication "app" or other tool to connect with other members and the leadership of the MPA, active and interactive 21st Century tech-savvy leadership and defined value-added benefits.

USPA: Jan Hoynacki
See the newsletter for upcoming events,

No new business was discussed.

The motion to adjourn at 3:15 was made by Bob Crandell and seconded by Jan Hoynacki. The motion carried.

Respectfully Submitted,
Donna Crandell

Missouri Pilots Association
2020 State Convention Registration
May 20-21

WHERE: West Plains
Rooms at: Hampton Inn, 1064 London Lane, West Plains: Reservations can ONLY be made by calling 417-255-0442. No online or central reservation phone # will work. Identify reservation request under Missouri Pilots Association group.
**Rate is $86 (plus tax) for king bed or double queen room, which includes a highly rated hot buffet breakfast.
**Cut off date is May 15.
**Much information is available on their website. hamptoninn3.hilton.com

FLYING IN: West Plains Regional Airport: (KUNO)

REGISTRATION PRICE: $20 PER PERSON (includes all meals except Saturday and Sunday breakfast, which is served at Hampton Inn)

NAMES:_____

_____

PHONE: _____

EMAIL: _____

CHAPTER: _____

FLYING OR DRIVING: _____

Please make $20 registration checks payable to:
MPA Convention … and mail to:
Pat Deidiker
P.O. Box 1528
West Plains, MO 65775-6828
(417) 2
deidikercpa@centurylink.net

TO: General Aviation Enthusiasts and Supporters
SUBJECT: Missouri Pilots Association 2020 Annual Convention

The MPA will be hosting their 67th Anniversary and Annual 2019 Convention May 20-21 in West Plains. The nearest airport is West Plains, (KUNO).

Because of your strong commitment in serving the General Aviation community, we would like to invite you to come and participate. This is also an excellent opportunity for you to promote your business while helping us promote our mission. Your financial support or product donation will help us conduct a high quality event and provide an important service to the aviation community. Monetary support is needed to supplement the convention budget and product support is needed to fill convention packets (pens, luggage tags, chips, candy or anything with a company logo). Of course, we would be pleased to discuss any other ways in which you might like to participate.

We are a not-for-profit organization (501c3) incorporated in 1953 and committed to Aviation Safety and Education as well as charitable tasks. The mission and purpose of our organization is to "Promote the highest standards of safety through continuing education and preserve General Aviation for future generations in the State of Missouri". We are passionate about passing on the legacy of aviation to future generations and your support will help us achieve this.

To encourage your participation we have enclosed a vender sponsorship sheet and registration form. The attire for the convention is totally casual … including the Saturday night fish fry … so come, have fun, share, learn and enjoy the camaraderie of fellow pilots and the future of General Aviation.

Thanking you in advance for your support.

Keep our skies safe,
South Central Chapter

Missouri Pilots Association

2020 Convention – May 20-21
West Plains, Missouri

Sponsor/ Vender:

Vender Name: _____

Address: _____

Contact Name: _____

Email: _____

Phone: _____

Corporate Sponsorship - $1000
-Includes a booth for your company display
-Company logo printed in the program
-Saturday evening fish fry reservation

Gold Sponsorships - $ 500
-Includes a booth for your company display
-Company logo printed in the program
-Saturday evening fish fry reservation

Silver Sponsorships - $ 250
-Includes a booth for your company display
-Company logo printed in the program

Bronze Sponsorships - $ 100
-There will be a limited number of booths for bronze sponsors and will be awarded on a first come first served basis.

Individual Sponsorships - $25
- Special Thanks

Checks of any amount should be made payable to: Missouri Pilots Association and mailed to:
PAT DEIDIKER, MPA State Treasurer,
P.O. Box 1528, West Plains, MO 65775-6828 -
(417) 255-1128 deidikercpa@centurylink.net

Thank-you in advance for your support,

South Central Chapter

Aircraft Insurance Column

Why Are We Seeing Rate Increases Now?

Well, let me put it this way. A long long time ago in a world far far away…. Well, that story will take us in the wrong direction…

The rate increases have come about because of several reasons. As you may recall, there have been big fires on the west coast , flooding in the midwest, Hurricanes in the southeast, & Puerto Rico had earth quakes, The Bahamas had an island wiped out with a Hurricane, the Caribbean islands are still not rebuilt from a 2018 hurricane, There was flooding in Europe, Australia has been burning, and the economy in Europe has negative interest rate, and commercial property is not commanding higher prices as we see one shopping maul after another closing. We are seeing up scale mansions which sold for $15,000,000 being reduced to $9,000,000 . This has happened in both the East Coast and West Coast.

Now all of these are having an effect on insurance Companies. We are seeing the stock market go up partly because of the negative interest rates of Europe. This is causing our stock market to increase…. Oh, and President Trump has also helped move the Stock Market by bringing manufacturing back to the United States and reducing tax regulations .

As for aviation, we have had two 737 Max 8's crash and the 737 Max 8 fleet has been grounded for almost a year, world wide. This will be a Cost to the Boeing company , and which has not been settled yet. The competition for Aviation Insurance Companies to keep business and increase policy counts has put a lot of pressure on the rates in past year. Three Companies had to leave the Aviation Insurance Business because they could not grow fast enough to support the losses they were having. The other markets were lowering rates until there is little or no profit left. Then we saw the Cost of investigating and settling Claims increase by about 13 % on top of the losses. As you know Aviation losses were not growing in Number as fast as the severity of the loss .

At this same time we are seeing a shortage of pilots which put flight School back in business to fill the need for Commercial pilots. This increase along with the airlines taking good CFI's into their flight Crews has caused yet more pressure on flight safety. We now have 800 hour pilots teaching students to fly. We have lost the experience level needed to teach judgment to our student pilots. I am not saying these 800 hour CFI's do not have good judgement, but there is a lot of pressure on them to fill that void of experience of older , more senior CFI's.

I have personally seen more than once, a pilot with less than 100 hours wanting to fly 300 HP 6 passenger aircraft or even a Twin engine aircraft without this pilot having a Twin rating. There is a lot of pressure to just use Simulators, in lew of actual flying time, and even the Airlines are seeing pilots flying the Computers in the aircraft and not the Aircraft. This was evident with the Air France loss over the Atlantic several years ago, as well as the two Boeing 737 Max 8 losses.

In an effort to control large losses, underwriters are limiting the amount of liability coverage they will allow for Single pilot Jet operations an example. If you want more than $25,000,000 they will require you will have two pilots at all times.

There is a whole underbelly story of how the Insurance industry has tried to meet the demand for coverage while managing these losses. Some companies and brokers have merged with other companies to bring the law of large number into effect. To some extent, that has helped but sooner or later with the Cost of loses increasing, this arrangement does not work.

The primary insurance Companies have turned to Reinsurance Companies to smooth out the losses. But even Reinsurance underwriters run out of money. So, therefore, something called ILS's. Insurance Linked Securities. was formed to raise money Wow, now Just like the home loan mortgage problems, Liability Exposures were bundled in Bond forms, and sold as an investment to investors, looking to secure wealth and put their money to work. Keep in mind in Europe there is a negative interest rate working as we speak.. This ILS arrangement was a method for Reinsurers to spread the risk and raise Some capital.

Well, the large loses arrived and by Jan, 1, 2020, the market for such ILS's dried up. This has cause Reinsurers,(those who insure the insurance companies) to react with reducing their limits of coverage offered. and increasing the cost of such limits. .

Florida has had several insurance companies become insolvent in the past 6 months. This pressure for limits has effected all lines of business. We are seeing Officers and Directors liability rates increase from 15 to 50%. A gentleman in Pennsylvania who over hauled aircraft engines was paying $22,500 for his products limits, The only quote he could get was $125,000 for the same limits. I am not sure if he is still in business or not.

This whole insurance industry is involved with economies all over the world. The Oil pricing, the home financing interest rates, and look at what you are getting for a saving account in the USA. Maybe .o5%. And Banks are increasing their fees to offset cost involved with Banking. Credit cards are not backing off of their 15% to 29% rates. Even the airlines announce how many millions they made just in rebooking Charges. And this is in the face of Almost all Airlines flying at almost 95 % capacity. I have not been on an airline yet, that was anything less than 95% full in the past two years.

We are seeing aircraft rental pricing range from $80.00 and hour to over $250 per hour depending upon the cost of the aircraft. Insurance for such operations have been increasing in cost by about10% or more. And underwriters are requiring business and pleasure pilots to have more flight time not just more money.

This was not written to Scare you or make you think the sky is falling but to help you understand the Dynamics of the insurance Industry and how, when loses happen or the Bond market rates fall or Airlines gather up CFI's to become airline pilots and A & P mechanics and pilots are in high demand and short supply. This all has an effect on something that we all think will never happen to us and yet we try our best to plan for such events.

At this point our best efforts are to learn more about our aircraft, Air Safety, increase your ratings and experience in flying and maybe get your CFI rating and help bring on more pilots to enjoy the freedom of flying that we enjoy. The losses will happen, and business men will make bad decisions, and forest fires will burn, and floods will flow. From all of this we need to be a student of these events and look to prepare and learn from them. Having a good Aviation Insurance Broker will also help.

[This information provided in this column is designed to provide helpful information and is meant for education and Discussion only. There is not an offer, and acceptance of coverage unless a formal application has been approved and accepted by a licensed insurance company. The Author shall not be liable to any person or entity with respect to any loss or damages caused , or alleged to have been caused, directly or indirectly by the information contained herein]

Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly Fly

Missouri Pilots Association

Membership Application

Please send this form and mail it along with your $35 check to Missouri Pilots Association
PO Box 1528
West Plains, MO 65775-1528

Name:_____

Name of Spouse_____

Address_____

City_____ State_____

Zip_____ Home Phone_____

Work Phone_____

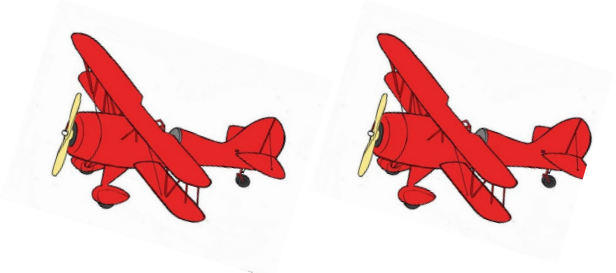
(If you do not want your phone number(s) in our Member's Directory put in 000-0000)

E-Mail Address_____

You will also receive the MPA News, which lists the activities of all the Chapters. You and/or your spouse do not have to be active pilots to join the MPA. Membership is open to all who enjoy aviation.

You may visit mopilots.org to fill out an application.

Referred by:_____



Springfield-Branson National Airport addresses growing pains after biggest year ever

In 2018, the Springfield Branson National Airport welcomed its 1 millionth passenger for that year. So how did they do in 2019?

More people than ever walked flew from the airport, 1,187,068 to exact, which is 10% more than 2018. The airport says they have seen an increase in the number of flights out of the airport by 36% since 2011.

Since 2011, they've also added non-stop flights to Charlotte, Destin/Walton Beach, and Houston. It's something airport director Brian Weller says is thanks to our local economy.

The airport has experienced growing pains including concerns about parking from customers. It's something they are addressing head-on.

In the next couple of weeks, a new parking lot full of 750 parking spots will open up behind the original lot. When it's all done this lot will have covered walkways and a charging station for electric vehicles.

To keep up with the airport growth, the airport also had to expand its restaurant, adding more charging stations for computers and phones, and they've expanded their rental car parking lot.

Contact: gemeagleone@sbcglobal.net or call (314) 598-5714

FAA Safety Team | Safer Skies Through Education

"FAA Safety Briefing LIVE! - January / February 2020 Issue"

Topic: This presentation introduces and discusses content in the January / February 2020 issue of the FAA Safety Briefing magazine.

On Wednesday, February 5, 2020 at 19:00 Central Standard Time (17:00 PST, 18:00 MST, 20:00 EST, 15:00 HST, 16:00 AKST, 18:00 Arizona, 01:00 GMT)

Select Number: CE0398281

Description:

This presentation provides an introduction to the Jan/Feb 2020 issue of FAA Safety Briefing magazine. This issue focuses on how to better "Know Your Aircraft." Feature articles covered each major section of an aircraft, highlighting the many design, performance and structural variations you'll likely see and how they affect your flying. We also take a fresh look at understanding aircraft energy management.

Feature articles included:
No Surprises! Keeping Control of Avionics and Automation
The Beating Heart How Your Engine Works and How to "Treat" It
The Arthropod's Revenge How the Airplane's Fuselage Has More in Common with Bugs Than Birds
L'Empennage A Guided Tour of Your Plane's Tail Feathers
The Wing's the Thing How Wing Design Affects Your Ride, and Preflighting for Safety
Give Me a Brake…and Maybe a Tire Too Understanding Your Undercarriage
On the Money Getting to Know Your Airplane as an Energy System

Regular departments:
Aeromedical Advisory discussed the new list of FAA-accepted medications.
Condition Inspection explores medical certification for those diagnosed with ADHD.
Jumpseat introduces the theme of this issue and the inclusion of energy management.
Angle of Attack discusses owner-performed preventive maintenance.
Checklist reviews PHAK chapters that support material in this issue.
Vertically Speaking discusses the importance of helicopter preflight inspections.
Nuts, Bolts, and Electrons addresses prevention of maintenance-related engine failures.
Drone Debrief discusses benefits of the Check3 GPS checklist.
FAA Faces introduced the new deputy federal air surgeon.

NOTE: While many of the ideas covered in the quiz are included in the presentation, you will need to download a copy of the magazine from: https://www.faa.gov/news/safety_briefing/ to complete this course

To view further details and registration information for this webinar, visit https://www.faasafety.gov/SPANS/event_details.aspx?eid=98281

The sponsor for this seminar is: FAASTeam

The following credit(s) are available for the WINGS/AMT Programs:

Basic Knowledge 3 - 1 Credit
Advanced Knowledge 2 - 1 Credit
AMT: 1.00

"Learning to fly an airplane taught me a way of thinking, an approach to problem-solving that was applicable and effective. Pilots are very methodical and meticulous, and artists tend not to be." – Chris Carter

PILOT'S TIP of the Week

Memorizing Emergency Checklists

Subscriber question:

"What's the best way to keep emergency procedures in my head so I have them if I need them? I couldn't remember all of them when I was studying for my private, let alone now that I fly for fun and travel." — James B.

Tom:

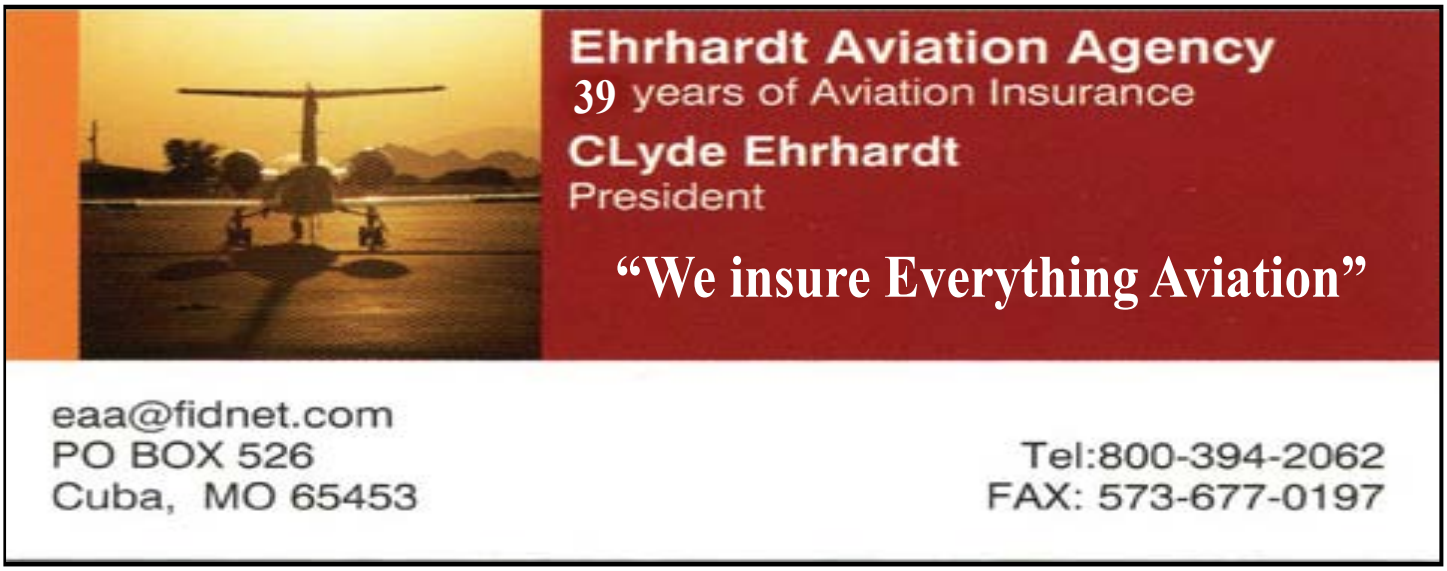
"Although most light airplane POHs don't make the distinction, there are really two types of conditions addressed in the Emergency Procedures section: abnormal conditions and emergencies. Emergency conditions are those in which quick action is required, in a proper order, to protect lives and/or limit aircraft damage. Abnormal conditions are everything else…nothing that's immediately life-threatening, but which can potentially become an emergency if not taken care of.

Emergency_Checklist.pngFurther, in true emergencies, there are usually only a small number of actions that must be performed from memory. For example, an engine failure in flight requires you to fly the airplane, aim somewhere (in case the engine won't restart), and then if time and altitude permit, manipulate the fuel, air and ignition controls to troubleshoot the problem.

This process works in any piston-powered airplane. Individual models may have more steps (fuel pump, etc.), but the process is the same.

Contrast this with a failed alternator in flight. There's no immediate threat to life or the airplane. So pull out the POH and use the checklist. No memorization necessary, and in fact, it's better not to rely on your memory if you don't have to.

So take out your POH and look at the Emergency Procedures section. For each checklist ask yourself if lives are immediately at stake, or if the airframe is in immediate peril. If so, pick out those items that address the threat, and commit them to memory. Practice them frequently so you know what to do if it happens. For everything else, read and practice the procedure now and then so you know where to find it and how it works, but if the condition occurs for real, follow the checklist."



Airplane History - 1871-1874

Alphonse Penaud

Francis Herbert Wenham and John Browning, England, invent the wind tunnel. They use it to prove that cambered wings produce more lift than other shapes.

1873

Clement Ader, France is an inventive electrical engineer who will soon become one of the pioneers of the telephone industry. His real passion, however, is aviation. He builds a bird-shaped glider with goose-feathered wings, tethers the aircraft to the ground, then lies prone upon the glider and lets it rise to the limits of its ropes. He does not make free flights. But the tethered ascents fill him with enthusiasm and he spends the next 17 years developing a light-weight steam engine and building a powered aircraft.

1874

Felix Du Temple

1871

Alphonse Penaud builds what he calls a "planophore," a 20-inch long monoplane with a pusher propeller powered by a rubber band. It flies 131 feet in 11 seconds — the first flight of an inherently stable powered aircraft.

August 19 — Orville Wright is born in Dayton, Ohio.

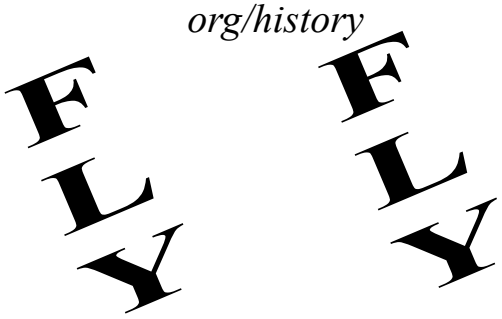
Orville Wright was the sixth child born to Milton and Susan Wright.

Clement Ader

Building on his successful 1857 design, Felix Du Temple and his brother Louis create a man-carrying steam-powered monoplane with a 40-foot (12-meter) wingspan and an innovative 6 horsepower engine of their own design. With a young French sailor at the controls – he could regulate the angle of the tail and the rudder – the aircraft rolls down an incline to a ski-jump and makes a brief hop. But it hasn't enough power to sustain flight. Nonetheless it was the first attempt at manned powered flight in a fixed-wing airplane.

Du Temple's 1874 monoplane had several innovative features. The wings were set at a dihedral angle and most of the weight was forward for stability. The landing gear was retractable and could be adjusted to change the angle of attack during take-off.

Information courtesy of wright-brothers.org/history



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SAVE THE DATES

USPA is planning some fun flyouts for you, so put these dates on your calendar and join fellow pilots doing what we enjoy doing—flying and seeing interesting places.

Branson, MO
April 30-May 3
Annual members' meeting, Wonders of Wildlife Museum and Aquarium, and lots of time to enjoy the many Branson adventures.
Make your room reservation now. Comfort Inn at Thousand Hills, 417 335-4727.

Colorado Springs, CO
August 6-9
Air Force Academy, Royal Gorge, Pikes Peak, and much more.
The Elegante Hotel will be our headquarters.

New Orleans, LA
September 24-27
Learn how Marci Gras floats are made, WW II Museum, French Quarter, Cafe DuMonde, etc.
The International House is hosting us.

Florida Aero Club Cruise

Like cruises? Like to cruise with friends? How about with pilot friends?

That's exactly what's happening June 20, 2020, out of Fort Lauderdale, to ports of call including San Juan, St. Maarten, Tortola, and Nassau. Organized by the Florida Aero Club (a USPA affiliate), USPA is invited and encouraged to join them for a great time aboard the Celebrity Equinox.

For more information, contact Dee Restaino at arrestaino@bellsouth.net.

Jan Hoynacki, Executive Director
USPA

2018-2019 Officers:
President: Bob Crandell
Vice President: John Flaherty
Secretary: Barb Lane
Treasurer: Candy Stewart

February 5, 2020

Join us at The Walnut Grill in Ellisville, 1386 Clarkson Clayton Center, which is on the opposite side of the road from the Mercy Facility on Clayton Road, just west of Clarkson Road. Order off the menu anytime after 6PM.

Visit their website: http://eatwalnut.com/ellisville-mo/ where you can check out their menu.

Call or text Bob Crandell at 314-696-0204 if you will be joining us:
He needs to give Walnut Grill a head count so they know what room to reserve for us.
John Bales, the Spirit of St Louis Airport manager, will be our February speaker. John wilk give us the latest updates about Spirit Airport and the future projects they are working on. Please make your reservations early..
This will be an interesting evening. Please attend!

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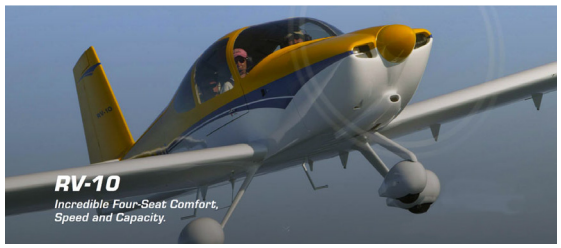
January, 2020

President's Message: "The purpose of the propeller..."

The Wright Brothers got it right. The props they designed were more efficient than some props used on many modern aircraft. Unfortunately little has changed in prop design, to improve efficiency, until fairly recent times. A prop is simply a rotating wing which converts the rotating motion of an engine into horizontal lift (thrust). At lower altitudes props are more efficient at producing thrust than a Jet engine.

This fact explains why the premier cargo lifter for 50 years has been the **Lockheed C-130.** This should dispel the thought that Jets are Modern, Props are old fashioned. During the last decade advances in prop design have been made that allow a composite prop blade to warp or twist with rpm (and torque) and cause a fixed pitch prop to act like a constant speed prop. This means that the prop warp can be engineered to reduce blade angle at higher rpm and increase blade angle at lower rpm. This effectively changes the pitch of the prop too low for takeoff and high for cruise. These props mimic what constant speed props do but with no complicated mechanical, hydraulic, or electrical devices to accomplish it.

Now that electrically powered aircraft are becoming a reality it seems that coupling an electric powerplant with one of these innovative propellors is the next natural step and these new electric (prop propulsion) systems will still meet the real purpose of the propeller... **TO KEEP THE PILOT COOL!** (watch the pilot sweat if it stops!)



This month Bobby Hubbard and his flying partner, Alex Curtis will talk about team building their RV-10. The pleasures, the pitfalls, the time involved and probably the costs, tools, etc. See you on the 22nd! fjs

Feb 26 (4th Wed) Membership Dinner Meeting DAV on 40 Highway, Independence, MO –ADSB

Co President - Dan Maresh
Co President - Carl Sparks
Vice President - Jan Hoynacki
Secretary - Joseph M. Berman
Treasurer - J.C. Zalog

November 21

The Ozarks Chapter of the MPA met November 21st, at the Branson Airport (KBBG) for dinner and the monthly meeting. Co-President Carl Sparks opened the meeting with The Pledge of Allegiance to the Flag.

SECRETARY'S REPORT: The minutes of the last meeting were approved as published.

PRESIDENT'S REPORT: Co-President Carl Sparks welcomed the assembled and extended a special thanks to the many wonderful people of the Branson Airport who made this evenings event possible.

TREASURER'S REPORT: Our treasurer J.C. Zalog submitted the Chapter balance sheet as of November 21, 2019 which is summarized as follows: Balance in the 50 / 50 fund $ 230.00; Richard Cooper Fund 465.00; Funds available for use 802.56; Total bank balance $ 1,497.56

NEW MEMBERS and Guests: We had a special guest this evening. Mr. Jack Reynolds, President of the United States Pilots Association, expert pilot and aviation raconteur was with us this evening. As always, he entertained us with his engaging personality and almost true aviation stories. As always, a warm welcome was extended to our guest. Nice to see you Jack!

COMMITTEE REPORTS:

WINGS: No chairman no report

CAP: Tom Martin, chairman, no report

USPA: Jan Hoynacki reminded us that many state pilot organizations are declining in membership. We need everyone to be as active as possible in aviation events so as to support and bolster general aviation. Jan invited everyone to attend the USPA annual meeting here in Branson this coming May 2020. In August of 2020 the USPA will be assembling at olorado Springs where many interesting activities are planned. And in September there will be a flyin to New Orleans. The newest USPA affiliated state organization is the Kentucky Pilots Association and they are spearheading some fantastic activities. One of which involves educational outreach. They have students from three high schools coming to the airport and they are in the process of building a carbon cub. And it's not just for the boys, there are two girls in the group. What a fantastic way to reach out to the next generation of pilots. For more information contact Jan Hoynacki at jan@hoynacki.com The USPA motto is "Having Fun with Your Airplane".

SCHOLARSHIP: Bob Ryder, Chairman: No report

FLY-INS: Andy Anderson produces an excellent list of aviation events which he disseminates by email on a more or less monthly basis. It is recommended to all that you contact him via his email address listed below and asked to be put on the mailing list. He really does an excellent job. andya@diamondcity.net

AIRPORTS: David Davidson, Chairman: No Report

OLD BUSINESS: As in the past, the Branson School District is conducting a fund raiser to provide a Christmas package for needy children. The gift or gifts strive to be both practical and fun. Carl Sparks passed the hat and $ 212.00 was collected to support the kids at Christmas.

NEW BUSINESS: The question as to whether or not to have a December meeting was raised and discussed. A vote of the assembled was unanimous. We will not have a meeting in December. Our next meeting will be at our regular time on the 4th Thursday of January. The location is to be determined.

PROGRAM: *(to be in next month's MPA newsletter)*

50/50 DRAWING: We did not have a winner in the 50/50 Drawing this evening.

NEXT MEETING: People gather for conversation and dinner at 6 pm followed by the meeting which will start when most folks are finished with their meal which is usually between 6:30 and 7 pm. The January meeting will be held on 1-23-20 which is the 4th Thursday of January at a location to be announced in the near future.

Respectfully submitted, Joe Berman, Secretary

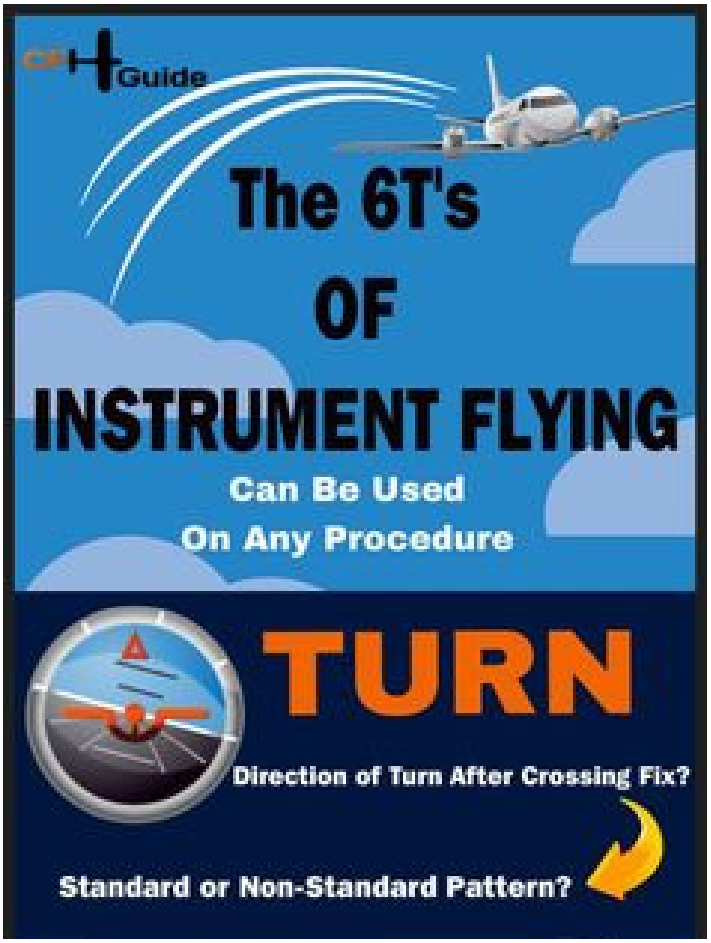
Officers:
President: Pierre Moeser
Vice President: Bill Sill
Secretary/Treasurer: Terri Christian

Wednesday, February 19, 2020
EMERGENCY ENGINE-OUT LANDINGS

This month, Dr. Pierre J. Moeser, President of the Missouri Pilots Association Gateway Chapter will present rapid decision strategies in emergency engine-out landings. Later this year, Dr. Moeser will present on the topic of CBD and medical marijuana.

When & Where: Wednesday, February 19, at Culpeppers Grill and Bar, 3010 W. Clay Street, St. Charles, MO 63301 near the I-70 Zumbehl exit.

NOTE: The meeting room at Culpeppers opens at 6:00 p.m. for those who wish to order a meal off the menu prior to the meeting. The program begins at 7:00 p.m. If you wish, you are welcome to attend the program only.



South Central Chapter
Missouri Pilots Association

President: Mike Vaughn
Vice-President: Mike Ennis
Secretary: Sharon Vaughn
Treasurer: Sue L'Hommedieu

January 18, 2019
Santa Fe Mexican
Mountain Grove

The South Central Chapter met at Santa Fe Mexican restaurant in Mountain Grove on Saturday, January 18.

Secretary: There was no secretary report as the December meeting was a Christmas celebration. Motion by Henny Christensen and second by Tom Young to accept.

Treasurer: Sue L'Hommedieu gave the treasurers report stating what was in both bank accounts. There is one bill pending; Pat Deidiker paid for flowers for Clint Allen's funeral. Motion by Troy Witte, second by Max Bradley to accept.

Wings: Ray Fine gave Wings report. The deadline is March 31. Ray asked that someone take on the job for next year due to his health issues.

State Meeting: Floyd Deidiker stated Tom Eagle has asked everyone to join the Kansas City broadcasting emails. February 9 is the next meeting in Rolla Vichy Airport. Everyone should come.

IA Convention: February 14 in Jacksonville, Arkansas and March 4 in Warrensburg at no charge. Three IA's from our chapter are going to Jacksonsville; one to Warrensburg at the present time.

Hospitality: Discussion about where to hold the next meeting on February 15. Motion by Troy Witte to have it in Eminence because we have members in Eminence that don't usually come to the meetings.

Membership: Tom White said we now have 100 members, 92 dual membership and 8 single. Two members didn't renew: Nick Thompson and James Ennis, who will enter again after he gets his doctor's degree. Larry Johnson should be put down with Sue L'Hommedieu.

New Business: Convention and new officers A committee was appointed to get new officers: Troy Witte, Mike Ennis, and Sharon Vaughn. The state convention will be May 29-30 at West Plains. Max Bradley will work on getting the motel rooms. It was suggested to get Hubert Looney to speak. On Friday night, there will be another get-together at Floyd and Pat Deidiker's house. Saturday will include lunch at the Civic Center and Saturday night will be a fish fry at the West Plains Airport, Deidiker hangar. Phyllis White suggested we use Bootleggers Bar-b-que for Saturday at noon. Floyd will check with them. There will be no breakfast on Sunday at the airport because the motel has a great breakfast (Hampton Inn). Paul Guilley will be contacted to do the FAA program. Sharon at Mid-Continent Insurance will be one of the speakers. Seanae Interiors will be invited to the convention to have a display. We again need sponsors for the state meeting. Troy Witte will take care of t-shirts again this year. We do need to change the size quantities. Mike Wilson will do the fish fry again. Food will include side dishes and desserts. Dan and Rosemary Gilbert will greet attendees. Don Fisher will take care of sound; and Mike Ennis will set up the tables. Pat Deidiker and Brenda Bradley will be the Food Committee.

Tom White said the EAA will have lunch at 11 and a Safety Seminar by Paul Guilley on February 8. On March 14, there will be a memorial for Clint Allen at noon. Please share your stories.

Max Bradley gave a safety seminar for the group. Never ignore warning systems.

Winners of 50-50 were: 1st, Henny Christensen; 2nd, Max Bradley, 3rd, Tom Young. Motion to adjourn by Max Bradley, second by Troy Witte.

Bolivar Liberator Chapter

President: Bill Cheek
Vice Pres: Terry Jackson
Treasurer: Pete Mosca
Secretary: Jim Shawley

No Meeting in January and none scheduled for February

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