

CPA FLIGHT LINES

Thanks Fire Fighters and Tanker Crews



Tamas Kolos-Lakatos



Brophy's Broadcast

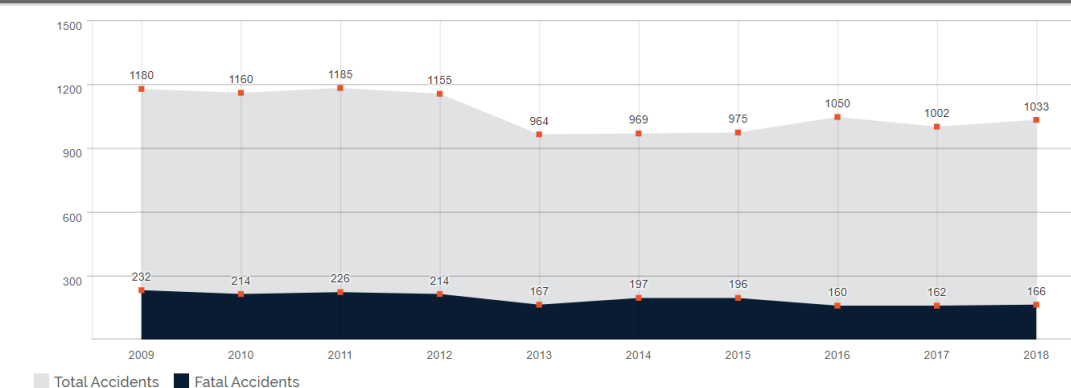
By Marty Brophy, CPA President

I am writing this on Halloween, the fifth anniversary of my private pilot check-ride, which happily I did survive. Not related to this spooky day, I hope, this e-mail came on 10/26 from AOPA:

The AOPA Air Safety Institute's just-released editions of the Joseph T. Nall Report note a continued decrease in overall accident rates. The overall accident rate in 2017 was 4.81 per 100,000 flight hours and 4.56 in 2018. The fatal accident rate also decreased to 0.76 per 100,000 hours in 2017 and 0.74 in 2018, based on available data. ([see here for full details: nall30](#))



Figure 1.2: General Aviation Accident Trends 2009-2018
2018 Non-commercial fixed-wing



Good news that the rates are slowly decreasing, bad news that about 1 in 6 accidents is a fatal accident! Keep current, be mindful, and fly safely!

Meanwhile, in the northern front range, super cold days and snow resulted in a respite from the smokey skies we have had during this-worst-of-all-time fire season. We could finally enjoy bright blue skies and CAVU – “Up, up the long, delirious, burning blue /I’ve topped the wind-swept heights with easy grace/ where never lark, or even eagle flew...” to quote my favorite aviation poem as done before in this space. He might have been referring to Colorado with that wonderful phrase “delirious, burning blue”! John G. Magee, Jr wrote “High Flight” as an American volunteer pilot with the Canadian RCAF early in WWII. He was killed in December 1941 at age 19 when his Spitfire collided with another airplane in a cloud.

Thanks to the membership for good voting numbers on the bylaws. You can still cast your vote on that until November 7 or you should cast your vote on the website by the same date for the 2020 elected officer positions. You should have received instructions in your e-mail, let me know at president@coloradopilots.org if you have not and I will send them to you. The deadline is Saturday, November 7. That is the date of our 2020 Annual Meeting, being done virtually this year. Connection instructions went out last week, again contact me if you didn’t get them! The meeting starts at 8:30 a.m. and goes until 10:30 a.m. when we will have a great presentation by CPA member Laura Herrmann on her adventures bush flying in Alaska. Does a musk ox on the runway count as FOD?

Finally, I am sorry to announce that we will not be having our annual holiday party this December. We were unable to find a site that could legally seat that many hungry pilots, family, and friends for dinner in the COVID-19 environment we now live in. A big thank you to our Treasurer Cindy Jewell for trying so hard to find a place! But something special is in the offing for the CPA membership in December, watch your e-mails for more on that! Fly high, fly safe, and stay away from those granite clouds!



2020 Colorado Pilots Association Annual meeting

At 0834 on the 7th of November, CPA President called to order the annual meeting in what has been a very strange year. The first clue had to do where the meeting was done from, everyone's own living room. The CPA annual meeting was held via Zoom with over 35 attendees who braved the new technology in what has become the 'new norm.'

The first order of business was the acceptance of the new bylaws by a 97% for vote. Then the results of the election of association officers was announced. Martin Brophy was reelected to President, with Cindy Jewell and Laurie Garrett staying on as Treasurer and Recorder. The position of Vice-President sees Joanne Brown taking over for the outstanding Bart Jones.

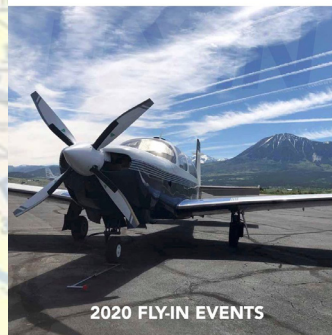
Also in attendance were three of this year's scholarship winners, Kyle Shaffer, Tammy Raines, and Brittany Stratton.

Some great information from Mr. David Ulane on the Colorado Division of Aeronautics. Check out their Aeronautics 101 video that talks about what they do and how they do it. [Aeronautics 101](#)

Take a minute and check it out and then subscribe to their fantastic YouTube Channel at: [Colorado Division of Aeronautics](#). The Colorado Division of Aeronautics and Colorado Pilots Association work together on many issues and to support aviation in Colorado.

It was announced that Safety Rep Mike Koscielniak is coordinating with Mr. Chris Palmer, founder and CEO of YouTube channel Angle of Attack to give a presentation at the next CPA meeting on December 7th, at 6:30 MST. Check the website for details.

The meeting ended with FAASafety Team Rep Laura Hermann giving an informative presentation entitled “Tundra Tires Rule.” Not only did it count for WINGS credit, but it was very interesting to learn about a true aviation adventure. Look for more information on the website in the coming weeks.



Legislative Affairs

Gary Tobey, Legislative Committee Chair

Now that the elections are complete for Colorado, Legislative Affairs is in the evaluation and preparation phase for the 2021 sessions beginning in January 2021. Colorado Pilots Association will remain strictly apolitical in its approach.

At the federal level, John Hickenlooper will be the new U.S. Senator and Lauren Boebert will be the new Congresswoman for the Third Congressional District. The other six Congresspersons and Senator Bennet remain in office. As Joe Biden becomes President on January 20, 2021, we will have many new political appointees in the federal agencies, including the FAA. Apparently, Congress will remain mostly the same with a Democratic House and Republican Senate. The legislative leadership in the two chambers will remain largely unchanged but will deal with a greatly different group of bills presented by President Biden and his administration. President Biden thoroughly understands the process and has pledged to coordinate and cooperate with Congress. He likely will have a Republican Senate or a tied Senate (with Vice President Kamala Harris as tie-breaker) that greatly complicates the administration's ability to move legislation quickly. We will watch for possible increased regulation and the possibility of taxes and fees on corporations and “the rich.”

The Colorado State Legislature remains only slightly changed with the Democratic Party in strong control. As always, CPA must educate the new legislators about the value of aviation, coordinate with and support any bills friendly to aviation, and watch for and oppose any bills adverse to aviation. We will work with other aviation groups such as Colorado Aviation Business Association (CABA) and with the Colorado Division of Aeronautics.

Covid-19 will continue to reduce activities and revenue in the state and nation until at least mid-2022. CPA must adjust to more virtual contacts and presentations with lawmakers, aviation interests, and the general public. All CPA members must think of and create enhancements to content on the CPA website and act to assist our great IT and website gurus. .

The Legislative Committee welcomes any CPA member who can assist on the Committee and welcomes the input from all CPA members if you see an issue CPA should look at or act on.

Safety Committee Report

Mike Koscielniak, Safety Committee Chair

Due to the pandemic, most aviation activities and events were cancelled.

For those of you who own aircraft maybe you were still able to fly, but where to go and what was open was sometimes a dilemma. For those of you who were members of a flying club or in training, suddenly your time in the sky was limited or came to a complete halt. Luckily for all of us, we can find ways to stay connected to aviation. Allowing us to stay proficient and safe.

YouTube, Podcasts and Webinars

YouTube has some excellent aviation related videos and if you're like me you have your favorites. Some are instructional and some are just for the scenery.

AOPA Live is one of mine. Angle of Attack, Aviation 101 Films, 310 Pilot, Baron Pilot.

Magazines/Books/Movies

Keeping current with aviation safety issues with magazines, like Aviation Safety, is another resource. AOPA Pilot, Plane & Pilot, Flying, Seaplane Pilots Association, Air & Space Smithsonian. When was the last time you opened up your copy of FAR/AIM?



What was the last aviation related book you read or movie you saw.

Training

Many companies are advertizing training courses for Private, Instrument, Commercial and Seaplane ratings. Sporty's, King Schools, Gleim, PilotWorkshops, etc.

Flight Simulators

As most of you are aware Microsoft has released a Flight Simulator 2020. Along with that, I have seen numerous companies advertizing yokes, rudder pedals and panels. YouTube has a lot of content on Flight Simulator 2020 and accessories.

Is it time for a new computer and some flight sim accessories? Put it on your Christmas wish list.

Owner's Manuals

Plane, POH

Accessories: GPS, ADS, GLASS PANEL, EFB, ETC.

Garmin Area 660, the manual is 204 pages on my Ipad Mini.

FAA/NTSB

FAA and NTSB web sites are full of information: Videos, Courses, just fill in the search section for your topic. FAASafety.gov, register to receive emails on upcoming events in your area, Webinars, etc.

The resources available to us seem endless and overwhelming; just try narrowing it down to a few.

Up Coming Event

We are coordinating with Mr. Chris Palmer, Founder/CEO, and Chief Flight Instructor from Homer Alaska.

YouTube channel: Angle of Attack

Zoom meeting

Next CPA meeting Dec 7 at 6:30 mountain time.

Krista Willis, Executive Assistant at Angle of Attack.

Topics: Lessons Learned Flying in Alaska

Learning to be an Aviator in the 21st Century

The pandemic will pass; aviation activities and events will be back. Again, luckily for all of us, we can find ways to stay connected to aviation. Allowing us to stay proficient and safe.

Stay Safe and keep the blue side up. Thank you

Colorado Pilots Association Apparel
Get you order in now and beat the holliday rush!
Design your won CPA wardrobe and accessories.



Go to Lands' End today.

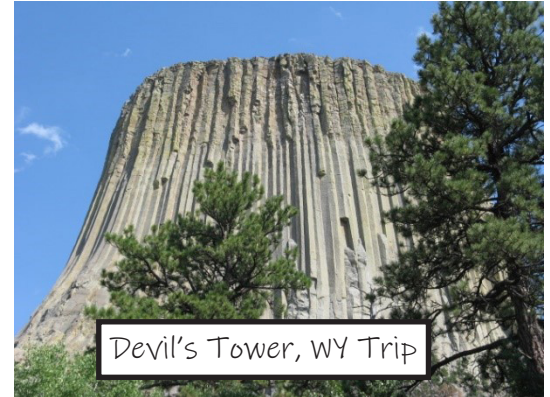


Pondering the Perplexing...

By Bill Marvel, the RV-14A guy

As did all of you, in late September I received the 2020 CPA membership roster in the mail. Normally, I just put it in my CPA file folder for future use and think nothing more about it. But this time I actually looked through the roster to see what names I recognized and what types of airplanes people flew. And that led to this article for Flight Lines.

To start with, there are a lot of people in the CPA! The current roster shows about 675 with some 30 more not listed because they joined after the publication date. Not all members are aircraft owners but still I counted something like 355 airplanes shown as member owned. That's a bunch of airplanes. It's no surprise that most members live in Colorado or that we have members in our immediate surrounding states of Kansas, Nebraska, Wyoming, Utah, New Mexico and Oklahoma. But who among you would have guessed that CPA members also reside in California, New York, Wisconsin, Minnesota, Illinois, Michigan, Nevada, Florida, Pennsylvania, North Dakota, Alabama, Indiana, Georgia, Massachusetts, New Hampshire, Louisiana, Arizona and Texas? Yep, they sure do.



Regarding the roughly half of our members who don't own airplanes, I wrote a blog article about that a year ago. I probably should have put it in Flight Lines but you can easily read it on our web site and don't even need to be a member to access it. Just go to www.coloradopilots.org, click on the CPA Blogs tab, select Thoughts from the Western Slope, go to November 2019 and read the article titled, "Are You Invisible?" The purpose of the article is to show how you can get out there and fly, even if you don't currently own a magic carpet.

But my larger question at the moment has to do with our members who do own airplanes. Out here in Grand Junction, I'm a long way from the population centers on the front range where most of our members and their airplanes reside. So understandably, I don't get a chance to meet more of you aside from those who attend the annual meeting, the fly-in planning meeting each January or some of the numerous (and fun!) trips CPA has each year. A few photos of past trips appear in this article. But I know you are out there because the roster says so.

I call this perplexing because only a few airplanes and their owners participate in CPA events. My wife and I really enjoy the company of the usual group of members who do attend but we'd like to meet more of you. That aside, as an aircraft owner now for over 43 continuous years, I long ago discovered that the cost of flying your airplane is actually the least expensive part of owning it! After all, you pay to buy the airplane, pay to insure it, pay to hangar or tie it down, pay to maintain it, pay to inspect it, pay to upgrade it and pay the hidden cost of engine and airframe



damage from corrosion if you don't fly it. Owning an airplane that isn't flown much is like building a house without a roof. Lots of money is spent but little value is returned. Similarly, all of the airplane costs mentioned above occur even if it never leaves the ground! Flying is cheap by comparison and only by flying your airplane do you gain value unless you just like to look at it.

In case any of the above paragraph sounds similar to your situation, I have some suggestions you may wish to consider. Foremost is that if you have more airplane than your mission now requires, think about downsizing to something more appropriate – meaning less complex and less expensive to operate. That alone can get you back in the air. You might even consider building one (I've built three -- return to the CPA blog site again and read my article about just that from May 2020). And if you can't seem to find any interesting places to fly, sign up for one or more of CPA's annual trips. They are always fun, plus there's some comfort in traveling with other airplanes, especially if you are new to aviation. Another thought is to fly with some of those fifty percent of our members who don't have an airplane and split the fuel cost with them. Fuel is the one obvious cost of actually flying and you can reduce it substantially just by filling a spare seat. Put your thinking cap on and get some use out of your airplane and your money. Nothing is better for the aircraft than flying it and nothing is better for your pilot skills than using them. And using those skills to travel somewhere not only increases them, but also lets you view some new scenery as you lower the hourly cost of owning your airplane. You've all heard the common expression, “Use it or lose it”. That truism definitely applies here. Put some thought into this and maybe we can meet you at a future CPA event!



2020 Scholarship Winners Announced

The Colorado Pilots Association announced their Annual scholarship winners for the 2020 year. They are Tammy Raines and Kyle Shaffer for Certified Flight Instructor and Brittany Stratton and Aidan Stewart for Private Pilot. Each winner received a \$2500 scholarship to help work toward their rating.

We at the Colorado Pilots Association recognized the need to continue growing the population of pilots in Colorado. To that end, we have taken a two pronged approach, offering scholarships for Private Pilot, and Certificated Flight Instructor training. Two scholarships annually are available in each area, valued at \$2500 each.

Keep a look out for the winners and look for them in the skies over the Centennial State.

Are you thinking about becoming a CFI or do you know a person passionate about aviation who wants to start? Tell them about the 2021 Colorado Pilots Association Scholarships for 2021 and send them to CPA website. Encourage them to join CPA and help keep CPA strong.



2020 CFI Scholarship Winner Kyle Shaffer

Kyle was born into a family of pilots and fell in love with aviation at a young age. “Ever since I remember all I’ve wanted to do was fly, and so far I think I made the right decision because I sure love it.” That dream of flight led Kyle to Aims Community College where he is working on his certificated flight instructor certificate. His hope is one day to fly any sort of military aircraft with the top spot being any fighter. Till that time Kyle is hoping that being a CFI will allow him to pass on his knowledge to aspiring pilots and then seeing them succeed in their goals. He believes that the most valuable skill a pilot can have is to develop a positive can-do attitude. “Learning to fly can prove to be quite the challenge, with it being difficult from the get go, but throws in weather and maintenance issues as well, it sure becomes tough at times. Being able to retain a positive outlook on flying and always striving for greatness will work wonders for pilots far and wide.” Kyle is very excited about being a part of the CPA and hopes to participate in 2021 Fly-Ins and learn more about mountain flying.



Birthplace: Mountain Home, Idaho

Total Time: 318.8

Job: Dispatcher at Aims

Favorite Airplane: Beechcraft Model 18



Quote: The desire to fly is an idea handed down to us by our ancestors who, in their grueling travels across the trackless lands in the prehistoric times, looked enviously on the birds soaring freely through time and space, at full speed, above all obstacles, on the infinite highway of the air. - Wilber Wright



2020 CFI Scholarship Winner Tammy Raines

From a very young age, Tammy always wanted to travel and see lots of stuff. “I became a flight attendant to travel all over the place, then I saw how much more fun the pilots had and I know that was for me!” Back home in Detroit no one was a pilot. “A person who was a pilot was sort of like a brain surgeon. To become a pilot showed a great sense of accomplishment.” Like most pilots, Tammy’s goals have changed overtime. “I never wanted to be a CFI at first. But the more I flew and the more I volunteered with other organizations like EAA and young aviators, the more I realized that I really enjoyed teaching. Not only teaching but the ability to pass on knowledge to new pilots, help them reach their dreams.” She is working on her instructor rating at Western Air Flight Academy and wants to work there someday. In the future, Tammy would love to fly for Southwest Airlines. She believes that the best advice to new pilots is to save money, make time, flying takes both. Tammy is excited to be a member of CPA and hopes to find ways to volunteer.



Birthplace: Wayne, Michigan

Total Time: 679

Job: Flight Attendant at Southwest Airlines

Favorite Airplane: Barron

Heroes: Amelia Earhart and Tammy Shultz



2020 Private Pilot Scholarship Winner Brittany Stratton

Brittany fell in love with flying after one of her dad’s friend gave her a discovery flight. “I was inspired by both the potential that my dad and his friend had in me to have the same career as well as the abilities of my dad’s friend and the confidence he had to maneuver the plane around. I saw that I wanted to have the same abilities and made it my main goal ever since to be able to have a career in aviation.” The thing she likes most about aviation is the confidence that it gives her. “The control of having the yoke in my hand is such a powerful feeling.” Brittany believes that the most valuable lesson that a pilot should have would be understanding the importance of every step in the process in order to reach the maximum level of proficiency. This can include making studying a priority, making sure the pilot is mentally ready for the flight, or taking the time to put quality effort into each step no matter the circumstance. While working on her flying through Aspen Flying Club, Brittany is also a member of EAA and Women in Aviation. Brittany likes to volunteer for running races and would like to get more people involved in aviation. “I think we can get more people involved in aviation by displaying it as an attainable goal rather than magnifying it to seem harder than it is. Being a pilot takes hard work and dedication but I think if people saw it not as easy, but attainable, they would take more interest in aviation as a career.”

Birthplace: Houston, Texas

Total Time: 26 Hours

Job: Team Member - Chick-fil-A

Favorite Airplane: F-16, but for flying it’s the Grumman Cheetah

Dream Job: Captain at a major airline traveling the world



Nothing like a good book

By Max Power

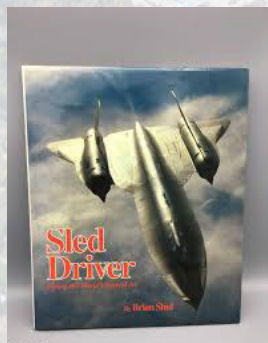
There’s nothing like reading a good book especially when the weather turns cooler. I harken back to my days when I was flying professional and remember how a good book helped pass the time in exotic locations like Devils Lake, North Dakota or Winner, South Dakota. Not that they aren’t lovely little places, just that when it’s snowing sideways and 10 below you don’t feel like checking out the sights. A great book makes the time more enjoyable for sure.

My iPad does the heavy lifting for me lately since the old eye balls ain’t what they used to be (really nice to be able to zoom in a bit). While I still love the feeling of paper and smell of a good book, the iPad sure has made it easier to carry and explore books. I’ll read anything but of course have a soft spot for aviation books. With the holidays just around the corner, I figure I’d give you my top ten aviation themed non-fiction books I’ve read. It was tough to whittle it down to ten, sort of like picking your favortie dog. These aren’t in any particular order, but maybe you’ll find that special gift for a friend or treat yourself.

10. *Mountain Flying Bible* by Sparky Imeson – So we start with an old standby. I remember the first time I started reading this was on a hill side in Alaska after dropping off some gear at a hunting camp. I had a couple of hours to kill and had stuffed the book in my bag as an after-thought. I found it so full of information that I was floored and finished it that day. I will add that I read the emergency landings section over and over. Not just for the usual techniques, but for the psychological side of dealing with emergencies.

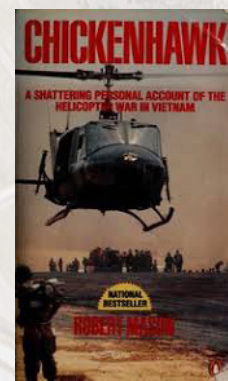


9. *Skunk Works: A personal Memoir of My Years at Lockheed* by Ben Rich and Leo Janos – Most people know about Kelly Johnson and the Skunk Works. The legendary project created the U-2, the F-117 and the Blackbird. Ben Rich was Johnson’s right-hand man and succeeded Johnson later on. It’s a really entertaining lead that talks not only about the successes, but about the failures.



8. *Sled Driver* by Brian Shul and Sheila Kathleen O’Grady – Speaking of the Blackbird, this book provides an inside look at driving “the Sled.” Major Shul gives an inside look at the training and stresses of flying one of the fastest aircraft of all time. It’s also get lots of really cool photos and great stories. The original book is out of print so if you find a copy, lucky! Otherwise Sled Driver: Flying the World’s Fastest Jet Centennial of Flight Limited Edition is around and it’s an updated version of the original. Again, another peek inside a world most of us never see.

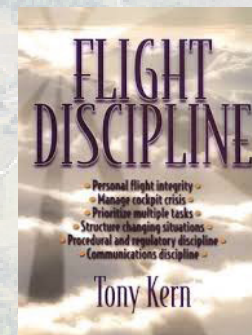
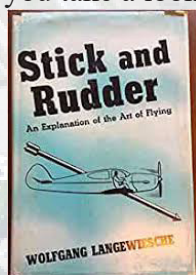
7. *Chickenhawk* by Robert Mason – Remember how I said a book can be your best friend in Devils Lake? Well this is the book I read while I was holed up for two days during a blizzard. This book follows Robert Mason as he goes from a fresh faced kid, through helicopter training, and off to the war in Vietnam. He flew more than a thousand combat missions and gives first hand versions of the horrifying fighting and the lasting friendships bonded by war. While not as polished as other books on the list, it’s still a great read where you find yourself shaking your head at the things they did.



6. *Fate is the Hunter* by Ernest K. Gann – I bet every list of great aviation books includes this one. Ernest takes us through the early days of commercial aviation and gives us another inside look at a world many of us never saw and can't imagine. He's a wordsmith that gives you a flourish that almost makes you feel like you can see what he's seeing. Overall, a cool story told by a fascinating figure that amazes you that anyone from that era survived.

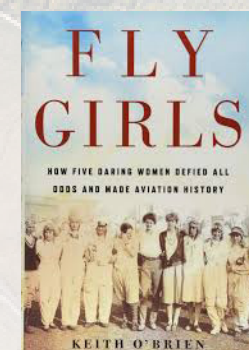


5. *Flight Discipline and Redefining Airmanship* by Tony Kern – Ok, so really the list is 11 books, but these two books by Tony Kern are a great read back to back. An Air Force veteran who lives in the Springs he discusses why pilots do the things we do. Why do pilots break rules and bend airplanes? Tony not only looks at the pilots, but also at the organizations. It's one of the few times I've read a book and instead of saying it's the pilot's fault, he looks hard at the organizations and companies to show how management can share in the failing of pilots. I have read and reread these books more than any others on this list. The amount of good, eye opening questions Tony asks will make you take a look at your pilot mindset from a fresh take.

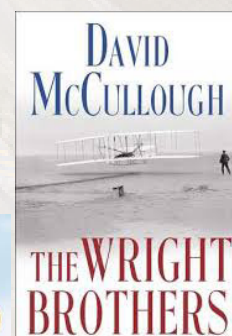


4. *Stick and Rudder: An Explanation of the Art of Flying* – Another classic that's on almost all lists. I read this one in Idaho while waiting to be rescued (flat tires, wasn't me, I swear). It was actually mandatory reading according to the chief pilot. I figured, that was a good time to start. It's a lot like a 'flying for dummies' book that provides valuable information and is still good reading after all these years.

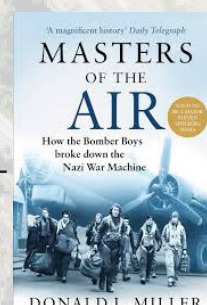
3. *Fly Girls* by Keith O'Brien – I thought I was a pretty good student of aviation history until I read this book. It's a brilliant story about the early female pioneers of aviation and their struggles and triumphs. Amelia Earhart, Florence Klingensmith, Ruth Elder, Ruth Nichols, and Louse Thaden. Everyone knows about Amelia Earhart but you learn about the amazing contributions of others, how they competed against and helped each other from the first 'Powder Puff' derby and on. Just an all-around interesting book about an unexplored part of history.



2. *The Wright Brothers* by David McCullough – What more is there to say? This is the best book about the Wright Brothers written in my opinion. It takes you up to Kill Devil Hill and then beyond to get a glimpse of how aviation progressed after the historic flights. Much like *Fly Girls*, another one of those books where you only know a small piece of the story. Great read.



1. *Masters of the Air* by Donald L. Miller – More like a history textbook than a book, this one is an awesome story about the US Eighth Air Force and the war in Europe. Meticulously researched it shows the very beginnings of the Eighth to when it became one of the biggest commands in the war. Many of us know that many people in the war didn't think that airplanes could make a difference. This book not only shows how they did, but gives first-hand accounts from the people that made it happen. A must read for any History buff.



If I miss one of your favorites I'd love to hear from you at newsletter@coloradopilots.org.



Inspiring Words for Sky and Space Women—Advice from Historic and Contemporary Trailblazers by Penny Rafferty Hamilton, Ph.D.

CPA member, Penny Rafferty Hamilton, Ph.D., compiled and wrote this easy-to-read book with a personal development grant she earned from Women In Aviation International. This new book is packed with powerful words from women whose aviation and space exploits have made them household names in air and aerospace history. But the book also includes inspiring stories about brave women aviators and female aircrew members about whom not enough has been written. Famous or forgotten, their stories are collected in easy-to-read vignettes or quotations from which future generations of young women will find inspiration to chart their own course into the skies and even into outer space. Babette Andre, Gretchen Jahn, and the late Emily Warner, are sky stars featured in the book. This book is full of practical career and life tips from trailblazing women in all of the many careers in aviation and aerospace. These are “her stories” about women who possessed not only flying or executive talent but also true grit to take their place in an industry in which women were not always welcome. Collections of authentic stories that will inspire women to take to the skies via any number of aviation and space-related careers. Includes international air and space leaders with photographs and career advice from inspiring females who have been there and done that. This new resource includes an extensive *Explore More* suggested readings for all ages 5 to 95, and a long list of air and space organizations designed to provide career assistance and support. A portion of the proceeds will be donated to Women in Aviation International to inspire a new generation of Sky Stars. Dr. Penny Rafferty Hamilton is a world record-setting aviator and award-winning writer and photographer.



EXPLORATION OF FLIGHT

AIR & SPACE MUSEUM

Wings Over the Rockies Exploration of Flight
Saturday, November 14th at 10 AM - 2 PM

Join Wings Over the Rockies Exploration of Flight for an aviation-themed gallery tour. Aviation photographers from around Colorado will have their work on display to enjoy and purchase. Don't miss this limited engagement at the Blue Sky Gallery!

Terrible year for wild fires in Colorado.
Thanks to all the Fire Fighters and Aircrew who battled the blazes.





Devil 23, cleared for take off runway 35L.
FA-18 Hornet from VFMA 232 the Red Devils departing
KAPA

The articles and columns in Flight Lines are for general information only and may or may not be accurate. Pilots and aircraft owners and operators must refer to FAA regulations and manufacturers' instructions and maintenance and operating handbooks for authoritative information. The writings present the opinions and advice of the authors only and do not reflect any opinion or position of the Colorado Pilots Association, Inc. or its officers or directors.

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