



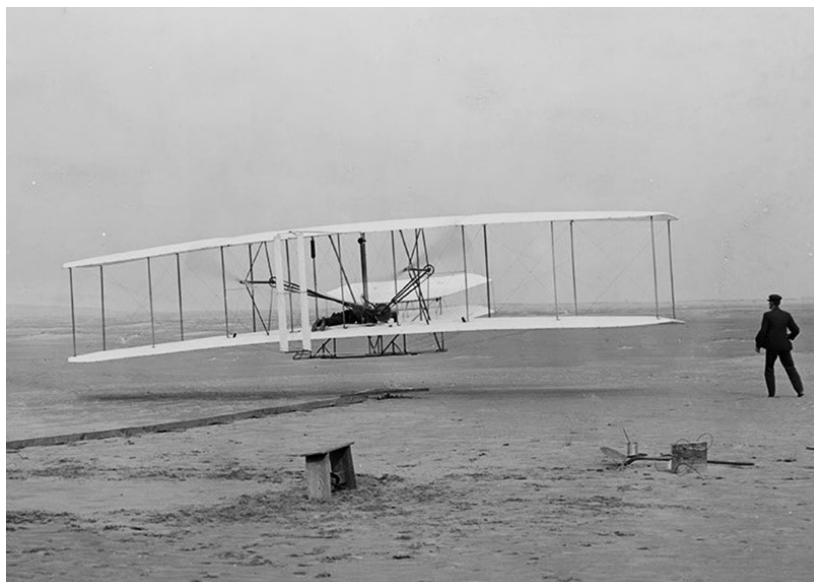
AZAA *Matter of Fact*

fall 2020 edition

Above the Clouds

National Aviation Day – Honoring the Past and Inspiring the Future

Article contributed by: Jenny Watts, CM, Senior Aviation Planner,
Dibble Engineering



I came across this profound quotation by Bill Gates recently and it really made me stop and think about just how influential and significant powered flight has been to humankind in the last 117 years. The technological advances in what is now the aviation and aerospace industries have come so far in this relatively short period of time that it is truly astonishing that it all started with nothing more than a fascination with flight and strong desire and perseverance.

To honor the great gift the Wright Brothers bestowed upon us, President Franklin D. Roosevelt issued the first National Aviation Day proclamation on August 19, 1939. On this day – which is also Orville Wright’s birthday – aviation enthusiasts are encouraged to celebrate the history of aviation, as well as support the future of aviation. This year, on the 81st National Aviation Day, AzAA encouraged its members to submit their favorite aviation-related photos on

Instagram using the hashtag #azairports and #nationalaviationday2020. Thanks to all who participated and shared their photos – there were some really great aircraft and airport photos from around our great state! (continued on page 6)

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2020 Walter Burg Fall Virtual Conference

Our first event for the Arizona Airports Association 2020 “Walter Burg” Fall *Virtual* Conference will be a Digital Happy Hour to break the ice – Wednesday, October 21st at 1500 (PST).

The first conference session begins the morning of Thursday, October 22nd at 1000 (PST). In addition to the General Session this October’s conference will include:

ADOT & FAA Updates: Informational updates regarding the state of their departments to be provided by Kriz (ADOT) and Mike Williams (FAA).

Post Pandemic Scenario Planning: This session, presented by Michael Hotaling (C&S Companies), will discuss rebounding from the unforeseen impacts of COVID-19, scenario planning exercises and business planning efforts moving forward.

Illegal Flight Operations: Ryan Waguespack (NATA) will discuss Illegal Flight Operations that continue to plague our industry. We all are agents of safety in the fight to keep our skies safe, so come learn what illegal operations look like and what you can do next.

Advocacy Training: Noel Campbell (AZ House Representative, LD1), Melissa McCaffrey (AOPA), and Michael Racy (Racy Associates) will present tools and tips for membership to talk with state and federal legislators as a member of your airport and of AzAA.

The General Session, which starts at 1630 (PST) will be our final session. AzAA will immediately begin hosting an online social event following the conference. We will have two chatrooms where members can either discuss the content of the conference or casually catch-up.

Please register at www.azairports.org at your nearest convenience and we hope to see you all very soon!



Reflections and Memories of Mike Klein

Article contributed by: Mark Koester

We all have unique personal memories of the people we cross paths with over the course of our careers and lives. I first met Mike about 30 years ago or so, just about the time he was leaving Prescott Airport. He was already one of the industry's leading airport advocates by this time while I was just starting my airport engineering career in Arizona. I don't recall exactly, but we probably met at an AzAA meeting. You meet most airport people at an AzAA meeting it seems.

Mike's most significant impacts to Arizona Airports were, in my opinion, during his tenure in the various roles he had at ADOT Aeronautics. Mike was a master of the numbers – very few people had a grasp on the State's Aviation Fund at any point in time like he did. I very much respected his stewardship of the system's dollars – the airports of Arizona are better off today because of his tireless hours keeping us all in the "green."

I will miss Mike for his wide grin, his passion for both airports and the people that surrounded the airport system. And yes, his ability to argue an opposing viewpoint based on the fact he believed in his interpretation of the specific topic. Other people



Mike Klein and Us at AZAA Fall Conference 2019

that knew Mike really well will likely have more personal and heartwarming stories to share – I am looking forward to reading them. But I conclude, the passion for airports that I witnessed in Mike over the years is also an endearing trait. It has been a long bumpy road at times, my friend. Find peace in your legacy....



Mike showing Mike the Way



Mike and Mike Golfing



Mike and Maggie Covalt with Mike Klein at Crab Shack

Mike and I both knew Mike professionally before we became personal friends. Through his work at airports and then with ADOT, we frequently crossed paths during projects and at conferences. But about 15 years ago that all changed when Michelle plopped down next to me at a pool during one of those conferences and we became immediate friends. That friendship deepened over the following years and became something I treasured dearly. And through Michelle we got to know the personal side of Mike through frequent get-togethers.

Mike had the driest sense of humor, the best smile, and loved to tease. He loved but more than that, cared deeply about, Stephanie and Christina. And those two are our lasting gift from Mike and Michelle. Getting to know them and love them helps us makes sense of the loss.

You are missed, our friend.

Mike and Maggie Covalt



Mike and Maggie Battling Over APPP Projects



Mike and Maggie Reach Amicable Agreement

Member Spotlight: Carl Newman, AAE

Q & A with Carl

By Tracy Grover, Terracon Consultants, Inc.

Q: What is Glendale Municipal Airport up to these days?

A: In this crazy environment, the Glendale Municipal Airport is doing fairly well. We have seen ups and downs over the past few months but remarkably our Airport Operations are at the same counts as we were at this time last year. One of our tenants, Fly-Glendale is finishing up a 20,000 square foot hangar building on the west side of the airport that should be in operation by the first of next year. The hangar will house their administrative functions, maintenance for aircraft, plane storage and support their flight school program. We are looking forward to seeing them!

Here's a look in to the future:

We are in the design phases for Taxiway Alpha and are planning on having it ready for construction next year and will likely phase it over the course of a couple. We are going to resurface it, and stabilize the shoulder areas by adding shoulders as well as removing and add some exits to the Taxiway. Construction will likely go in phases over the next couple of years.

Longer term we are developing a strategic plan for the airport and this vision/strategy will be our path going forward for development and operations. Once we receive comments from stakeholders we will take a look at the east side of the airport to see how we would like to develop it.

Q: Do you have a favorite quote?

A: I have two of them. "Be quick, but don't hurry," by John Wooden. "Good leaders set vision, missions, and goals. Great leaders inspire every follower at every level to internalize their purpose, and to understand that their purpose goes far beyond the mere details of their job," by Colin Powell.

Q: What do you do for hobbies and fun?

A: When I was raising my children, I was their coach. I coached freshman football, high school baseball, and junior Olympic softball. Since my kids have grown, I don't coach anymore, but I have my pilots license, and I own a Piper Archer II. I love to get up as often as I can and punch holes in the air! I also love riding my motorcycle, and doing projects around the house.

Q: What are you looking forward to in the next year?

A: I am looking forward to getting beyond COVID-19, seeing a vaccine, and being able to engage with people on a more personal level, I really miss that. I am also looking forward to getting my Instrument Rating Certificate!



Glendale Municipal Airport Administrator

Total years of Aviation Experience: 40 years

Time at Glendale Municipal Airport: 1 year

Education: Bachelors of Science in Public Administration, University of Arizona & Masters of Aeronautical Science, Embry Riddle Aeronautical University

Other Airport Experience: CEO of Jackson Municipal Airport Authority, General Manager of Bush Intercontinental Airport, Assistant Aviation Director of Phoenix Sky Harbor International Airport

Q: If you could go back in time and give some advice to yourself during the days earlier in your career, what would you say?

A: Don't be afraid to take chances and look for opportunities to get varied experience in your field. I had opportunities early in my career to work at smaller airports where I would wear a lot of different hats, but thought if I stayed at a larger airport then it would be better for me. I eventually got the experience that I was looking for, but it came a bit later. I love being back in the Valley, it's a great place to live and work and I enjoy engaging with friends and family!

AzAA Social Media

By the time you're reading this edition of the newsletter you've hopefully noticed an uptick in our social media activity. We are putting a renewed effort into utilizing these valuable tools to share information, provide announcements, and even do a little aviation "nerding out". We have plans to highlight member airports over the coming months as well as provide event announcements and share cross-posts of aviation content we think our members will enjoy. If you've been emailed (or we missed you) for content about your Arizona

airport, please pass some photos and info on! If you have a favorite aviation/airport feed you think other members would enjoy, please send us a DM or email. Any and all ideas are welcome as we work on providing more value for our social-media-connected members. Feel free to send us direct messages within the social media platforms or email us at info@azairports.org. Finally, please follow us on Instagram, Facebook, and LinkedIn and chip-in to add to the quality of our social media offerings.

Updates from FAA

STAFFING

- » We are working through a recruitment process for an additional Environmental Protection Specialist. Matthew Billsbarrow is working very diligently on your environmental requests and this additional staff member will provide assistance regarding environmental actions. Additional details will be forthcoming.
- » We are finalizing the selection process for an entry level Civil Engineer/Program Manager. Additional details will be forthcoming.
- » *Kyler Erhard, Lead Program Manager* will be on temporary detail to the Regional Office starting on Monday, August 3, 2020. Kyler will be working on various projects throughout the Region but will remain involved in several projects and airports within the Phoenix ADO. There may be some temporary adjustments for some airports, however, we are working to minimize disruptions during this development opportunity for Kyler. We anticipate Kyler will be returning to the ADO in late September.
- » *Holly Dixon, Assistant Manager* will be serving as the Acting ADO Manager for the Los Angeles ADO starting on August 17, 2020. A learning and development opportunity for Holly and we are working to minimize the disruption for our customers. Holly is expected to return to the ADO in late September.

FISCAL YEAR 2021

- » We are actively working with all of you regarding planned projects for the upcoming Federal Fiscal Year (FFY). As a reminder, below are the milestone dates for the upcoming fiscal year:
 - > Arizona ACIP meetings - May 1, 2020 through July 3, 2020 (completed)
 - > ACIP Input to ADOT (Arizona)- August 28, 2020
 - > CatEx Submission (FFY)- October 1, 2020
 - > ACIP Submission to FAA (Phoenix ADO)- December 10, 2020. NOTE: Arizona Airports- Please submit your ACIP data to your assigned Phoenix ADO Planner.
 - > Grant Application Submission - December 31, 2020
 - > NEPA Approval (CatEx, FINSI, ROD) (FFY21) - December 31, 2020

DRAFT ADVISORY CIRCULARS

- » [Draft AC 150/5300-13B](#), Airport Design- comments must be received by September 19, 2020.
- » [Draft AC 150/5230-4C](#), Aircraft Fuel Storage, Handling, Training, and Dispensing on Airports- comments must be received by August 14, 2020.

ENGINEERING BRIEFS

- » EB100A- "[Holding Position Sign and Marking for Runway Approach/Departure Areas](#)" was published on July 24, 2020.
- » EB99A- "[Changes to Tables 3-2 and 3-4 of Advisory Circular 150/5300-13A, Airport Design](#)" was published on July 24, 2020.

RUNWAY SAFETY

- » FAA's [From the Flight Deck](#) video series provides pilots with actual runway approach and airport taxiway footage captured with cockpit mounted cameras, combined with diagrams and visual graphics to clearly identify hot spots and other safety-sensitive items.

PROGRAM GUIDANCE LETTERS

- » R-PGL-19-03, "[Airport Types & Eligibility](#)" was issued on February 27, 2020.
- » R-PGL 19-04, "[New Pilot Programs](#)" was issued on January 22, 2020.
- » R-PGL 19-05, "[ZEV, VALE & Energy Efficiency Programs](#)" was issued on February 27, 2020.
- » R-PGL 19-06, "[Environmental & Noise](#)" was issued on February 27, 2020.

REMINDERS

- » **SAM (System of Award Management) Account**
Check the SAM registry.
<https://uscontractorregistration.com/>
- » **DELPHI**
Expired or Incorrect Delphi Account. Check your account, if you need to register a new user, follow help directions at:
https://www.faa.gov/airports/aip/grant_payments/
 - > Please coordinate with your assigned Civil Engineer and/or Community Planner.

GUIDANCE DOCUMENTS

- » Advisory Circular (AC) 150/5100-13C [Development of State Aviation Standards for Airport Pavement Construction](#) was updated December 6, 2019.
- » Advisory Circular (AC) 150/5210-25A [Performance Specification for Airport Vehicle Runway Incursion Warning Systems \(RIWS\)](#) was issued December 19, 2019.
- » Advisory Circular (AC) 150/5050-4A- [Community Involvement in Airport Planning](#) was updated October 28, 2019.
- » Advisory Circular (AC) 150/5345-42J- [Specification for Airport Light Bases, Transformer Housings, Junctions Boxes and Accessories](#) was updated September 12, 2019.
- » Advisory Circular (AC) 150/5370-10H- [Standard Specifications for Construction of Airports](#) has an updated Errata as of October 21, 2019.
- » Advisory Circular (AC) 150/5345-53D- [Airport Lighting Equipment Certification Program](#) was updated October 11, 2019.
- » Advisory Circular (AC) 150/5200-35A- [Submitting the Airport Master Record in Order to Activate a New Airport](#) was updated October 2, 2019.
- » Advisory Circular (AC) 150/5200-33C – [Hazardous Wildlife Attractants on or near Airports](#) was issued on February 21, 2020.
- » Advisory Circular (AC) 150/5300-14D- [Design of Aircraft Deicing Facilities](#) was issued on March 17, 2020.
- » Additional information is available via the Internet https://www.faa.gov/airports/resources/recent_advisory_circulars/
- » CertAlert 20-01: [Required Training for Vehicle Operators Prior to Accessing the Movement Area](#) was issued on February 22, 2020.

Updates from ADOT

ADOT CONTACTS:



Donald J. Kriz, PE

- » ADOT Aeronautics would like to share its deep loss and thoughts to the family and friends of Mike Klein. Mike passed on July 28, 2020 after a 3-1/2 year battle with cancer. Mike spent 17 years with ADOT working in Aeronautics at various capacities to serve the airport community. Mike was a good friend and mentor to all of us here in Aeronautics and he is deeply missed and shall be forever fondly remembered.
- » Everyone at Aeronautics is well and is teleworking from home and will be until further notice. We expect teleworking shall continue after sometime after the first of the year. As always, you may contact us through email or our office phones and we shall respond as soon as we can.
- » Our Economic Impact Study is now underway. Sponsors may expect to be contacted from our representatives in the next few months requesting related information about your airport and community.
- » Sponsor ACIPS were required to ADOT no later than August 31, 2020. Please work with your respective grant manager if you are having any difficulties submitting.
- » Aeronautics has learned that the Legislature will NOT be sweeping the Aviation fund! We are therefore moving forward with having the Transportation Board approve the ACIP at the October Board meeting. We will be asking the Board to approve our full program with the exception that we will be moving \$5M originally set aside for the FSL program into the SL program. The SL program shall now have a new total of \$15M budgeted to it. Aeronautics shall be contacting sponsors in the next month or so to confirm if they shall be receiving one of these grants. SL grants shall be made available to sponsors once the State Board approves the program in October. Best of luck!
- » Please contact us if you have any questions.

National Aviation Day *Continued.*

Although this year's Aviation Day has passed, here are some other fun ways to celebrate aviation on any day of the year with your colleagues, friends, and family:

1. Support and Visit an Aviation Museum

Arizona is home to several great aviation and aerospace museums. Some of the more prominent include the Pima Air and Space Museum in Tucson. It boasts more than 300 civilian, commercial, and military aircraft and spacecraft and is the world's largest non-government-funded aviation museum. Another local favorite is the Arizona Wing of the Commemorative Air Force located at Falcon Field Airport in Mesa. Aside from their large collection, you can even take a flight in a restored B-17 Flying Fortress (the Sentimental Journey) or a B-25 Mitchell. Other notable museums include the Titan Missile Museum, Planes of Fame Air Museum, and the "Boneyard" at Davis-Monthan Air Force Base.

2. Go to an Air Show or an Airport Fly-In

Several of the military bases, as well as numerous airports around the state, host air shows year-round. This is one of the best ways to experience all the wonder and excitement of flight because of the diverse aircraft, pilots, and volunteers that take part. On a smaller scale, airport fly-ins are fun ways for pilots and others to get together at one airport and enjoy time together.

3. Go Plane Spotting at Your Local Airport

So many airports in our state have great places to sit and watch the planes – from outdoor picnic areas, to restaurant balconies, or even just a parking lot. Take your kids with you and see how

many different planes they can point out, and don't forget to take some photographs and share them with AzAA.

4. Build a Paper Airplane, a Model Aircraft, or a Rocket

These simple tasks can be so much fun for young people to either get them interested in aviation or foster their love even more. There has been a great focus on science, technology, engineering, and math (STEM)-related programs for children and young adults in recent years, and aviation can incorporate all these things. And when you add in art, it becomes STEAM. Phoenix Sky Harbor International has one of the best airport museum programs in the country, and many of their exhibits are located pre-security in all terminals. Although not all their exhibits are aviation-themed, they do have a great aviation history collection that is showcased throughout the year.

5. Go Flying

The preferred way to celebrate is from the sky! If you have a pilot's license, go for a flight to your favorite AZ airport. If you have been wanting to learn to fly, go for it. Or, enjoy your next flight on a commercial airliner, even if it looks different this year than in the past.

These are just a few of the ways to celebrate aviation on National Aviation Day or any day of the year. This industry means something different to everyone – let whatever inspires your love of aviation be an inspiration to others, so they too can experience all the wonderful things the world of flight has to offer today and in the future.

Calling All Artists! Be a Part of the Cottonwood Municipal Airport's History!

COTTONWOOD, AZ – The City of Cottonwood Municipal Airport is calling all local artists to submit an original design for an aeronautical compass rose. The winner will paint their compass rose on the ramp at the Airport at approximately 50 feet in diameter as part of the national airmarking program. In addition to aesthetic appeal and creativity, the design must also incorporate the technical requirements of a usable

compass rose. An airport compass rose is used to calibrate the aircraft's magnetic compass. It is also often a unique airfield identifier found at many general aviation airports. Artists are encouraged to provide a design that incorporates the essence of Cottonwood. To download an informational flier with more information including compass rose examples visit cottonwoodaz.gov/compass-rose.

Contest Rules

Eligibility: Artists must live or work in the Verde Valley. Submissions may be made by individual artists or teams. Employees of the City of Cottonwood and their families are not eligible.

Submission: Entries may be submitted as either original artwork, photos of artwork, or as digital files (EPS, JPG, or PDF are acceptable digital file formats). Entries should be accompanied by examples of previous work by artist or team.

Deadline: Entries must be received no later than noon Wednesday, September 30. Hard-copy entries may be dropped off at City Hall (827 N. Main St.). Digital entries should be sent to pio@cottonwoodaz.gov.

Judging: A committee comprised of City employees will select five finalists. These entries will be posted, and the Cottonwood community will be invited to vote for their favorite. Whichever entry receives the most community votes will paint their compass rose on the ramp at the Cottonwood Municipal Airport. The timeline for judging is as follows:

- » **Finalists will be announced Wednesday, October 7.**
- » **Community voting will be conducted online through Wednesday, October 21.**
- » **The winner will be announced Friday, October 30.**

The winning compass rose will be painted on the Airport ramp by the winning artist, with paint and supplies paid for by the City.

Prize: The winner(s) will be taken on a ride with an aviator. A dedication ceremony and ribbon cutting are slated for Friday, November 20. The winner(s) and family members will be invited to participate in the dedication ceremony conducted by the City of Cottonwood.

Please direct any questions to pio@cottonwoodaz.gov.



Letter from the PRESIDENT

AzAA PRESIDENT:



Ryan Reeves,
A.A.E., P.E.
Airport Business Coordinator,
Chandler Municipal Airport

AzAA Contacts

Join AzAA on
social media:

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[LinkedIn](#)

[Instagram:](#) @azairports

Website:

www.azairports.org

Phone:

480.403.4618

Email:

info@azairports.org

AzAA has held several virtual sessions over the past months, and while we certainly have commiserated with one another throughout, we've also continued to help one another to rebuild, to recover, to overcome problems none of us were prepared for at any stage in our careers. We've all helped one another keep our corner of the aviation industry moving forward, just like Saint-Ex and his colleagues years ago. And more than just the professionalism we've demonstrated and so very much like Saint-Ex, I've seen us all come together to laugh and to make sure our friends are doing well. As someone said in a recent roundtable discussion, "It's just good to see and hear from everyone."

AzAA's Board of Directors has been hard at work to ensure these relationships so important to all of us continue to happen, whether it be during a fun, virtual social hour, our interactive roundtables, or the terrific virtual Fall Conference next month. We will continue that work and we're exploring how to expand AzAA's benefits to our membership in the

It will be no surprise to any of you that I'm starting this President's Message by mining history. This time around, we'll dust off one of my favorite books about flying - *Wind, Sand, & Stars*.

Antoine de Saint-Exupéry, or "Saint-Ex" to his readers, was a man who arguably spent the most profound moments of his life completely isolated from the rest of the world. Shut inside a tiny cockpit, often over barren wastes of terrain or ocean, on long-distance runs to unheard of outposts, or on the solo reconnaissance mission on which he was lost in WWII, you never get the impression he was lonely, even though he wrote of isolation a great deal.

Saint-Ex has always been my favorite aviation author. And directly because of the recent isolation we have all experienced due to the current state of the world, I've had cause to revisit his work. I'm glad I did.

I've probably read all the same articles and participated in many of the same virtual meetings as many of you these past months. We all hear the projections which cut to the core of our industry. Projections that the airline industry alone will lose over \$84 billion in 2020 alone, continual worry about workforce preservation, and the overarching concern about the future of funding at all levels touch all of us daily. And unfortunately, all of us, I would wager, have been impacted by the virus. We are all doing our best to cope with our professional demands, made so much more acute by COVID, at the same time we are mourning the loss of family and friends.

Talking to our membership, I certainly hear these losses in the voices at the other end of the phone and see it in the faces looking back at me from my laptop. It's easy to feel disconnected and disconcerted right now. But I also see something else in our membership. It's what Saint-Ex saw when he looked back on all the times he thought he was alone, working quietly away at altitude otherwise removed from the rest of the world. What I see is the relationships we all have tended with one another. I see all the effort within the membership to with and care for one another.

What Saint-Ex said was this - *"We forget that there is no hope of joy except in camaraderie. It's useless to seek happiness elsewhere than in this warmth of relationships...It is not something discovered. It is something molded."*

At the end of every flight, Saint-Ex realized he had colleagues waiting, depending upon him to do his part. Those colleagues, he discovered, quickly became so much more to him. They became the people he depended upon, the people he called his friends.

coming months. If you've got ideas for how we grow into "the new normal," let us know. After all and as always, AzAA will continue to support and serve our airport family by listening to and answering each of your voices.

Saint-Ex took his final flight in 1944, a year when the world was at the height of global conflict. Even through that war, he remained one of aviation's chief proponents - still believed in flying's potential to unify and to heal. I think Saint-Ex's dictum holds up and has been evidenced in you all, especially of late - *"What constitutes the dignity of a thing is that it creates a fellowship, that it binds together and fashions for us a common language."*

Thanks to you all for the amazing support you continue to provide to one another. Here's to looking forward to all the amazing work together in the coming year!