



Reno-Stead Airport Association, Inc.
Post Office Box 3948 Reno, Nevada 89505

FALL 2017

RSAA WELCOMES NEW RTAA LIAISON



Shaun Carey

Welcome to Shaun Carey, who serves as President of the Reno-Tahoe Airport Authority Board of Trustees. Mr. Carey will act as liaison to the Reno-Stead Airport Association.

Shaun Carey served as the Sparks City Manager for 14 years and spent more than three decades in public service. In 2016 Mr. Carey was instrumental in helping pass ballot measure WC 1 and participated as a member of the citizen-led coalition and Chair of the Public Schools Overcrowding and Repair Needs Committee.

He holds a civil engineering degree from the University of Nevada, Reno and is a retired licensed Professional Engineer in Nevada, California and Colorado. He was appointed to the Airport Authority Board of Trustees by the City of Sparks in April 2017.

The Reno-Tahoe Airport Authority Board of Trustees consists of nine members appointed by the City of Reno, City of Sparks, Washoe County and the Reno-Sparks Convention and Visitors Authority. Each Trustee brings a comprehensive history of community service to the board combined with a wide range of business expertise.





RENO-STEAD AIRPORT CELEBRATES 75 YEARS!

In October 1942, Reno Army Air Base began operations at what was later the 192nd Fighter Squadron, Nevada Air National Guard and finally named Stead Air Force Base. The base was most notably known as home to the Strategic Air Command's Survival School, Flying Training Wing (helicopters), and Reno Air Defense Sector. In 1966, the City of Reno acquired the airfield and Reno-Stead Airport began operating as a public use airport under the Reno-Tahoe Airport Authority.

On November 4, 2017, the RTAA kicked off the 75th Anniversary of the Reno-Stead

Airport with a Ruck March to commemorate this military history and the memory of carrying a full rucksack (backpack). Participants walked/ran the 6.2 mile, 10K course around the airfield, with or without a rucksack, for a small registration fee, or filled a rucksack with non-perishable food. A BBQ lunch was held in the Freedom Terminal at the end of the march for the 60 participants.

It was a wonderful event! Those who participated were very complimentary to the RTAA, who was responsible for planning and organizing the event.

Question the ordinary

Imagine the Extraordinary

Create the enduring

Reno-Stead Airport - The Jewel of the Sierra

MEMORIAL BRICKS FOR SALE

To further celebrate and honor Stead's 75th Anniversary, you have the opportunity to purchase a memorial brick. The bricks will be set on the grounds of the Freedom Terminal Building in Summer 2018 and will be open to the public.

This brick project will commemorate the thousands who have lived and worked at Reno-Stead Airport and will offer a sense of place for families who have lost loved ones.

Commemorative bricks start at \$100 each and include installation and your personal message. Available in two brick sizes, you can also add art or logos to complete your memory.

To order online visit:

<https://polarengraving.com/RenoTahoeAirportAuthority>

Checks may be sent to:

Reno-Tahoe Airport Authority - Stead 75th

Post Office Box 12490

Reno, NV 89510

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DRONE ZONE

Reno Airport Introduces Drone App

Northern Nevada Business Weekly
October 30, 2017

Reno-Tahoe International Airport is one of four medium-sized (Class C) commercial airports in the nation taking part in a pilot program that will allow Federal Aviation Administration-approved Part 107 drone operators to obtain almost real-time approval to fly their drones.

The app is designed to make what has been the sometimes-lengthy approval process move quickly and safely. To download the app, go to:

[https://www.faa.gov/uas/
programs_partnerships/
uas_data_exchange/](https://www.faa.gov/uas/programs_partnerships/uas_data_exchange/)

This app is not intended for recreational use or drone hobbyists.

Drones soar for research in skies of North Dakota

Wide open spaces offer an ideal lab for capability testing

Trevor Hughes
USA TODAY
@trevorhughes
October 13, 2017

North Dakota's windswept prairie and farmers' fields are turning out an unusual crop; Drones.

One of the nation's most rural states, North Dakota has quickly become one of the leading spaces for drone research, experimentation and testing.

Space, of course, is the key word, since the sparsely populated state (pop. 760,000) has

plenty of room to fly. Farmers in particular see the drones as valuable tools to monitor the state's 39 million acres of agricultural land spread across 30,000 farms.

The drones are often far more sophisticated than the ones consumers can get from Best Buy. They have sensors that "see" in infrared and have greater flight times and maneuverability.

The sensors are already so good that farmers can count exactly how many cornstalks are growing in a single acre, allowing them to save on fertilizer and fuel.

Grand Forks is home to the nation's first commercial unmanned aircraft systems business park, Grand Sky.

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New world altitude record for glider

The Record-Courier
Staff Reports
September 8, 2017

A glider designed to fly into the stratosphere broke a world record on September 2, 2017, flying to higher than 52,000 feet.

The Airbus Perlan Mission II, based in Minden (MEV), has been in Patagonia in Argentina flying in the atmospheric wave created by the Andes.

"We are celebrating, an amazing victory for aerospace innovation and scientific discovery today, and we're so thankful to all the volunteers and sponsors whose

years of tireless dedication have made this achievement possible," said Ed Warnock, CEO of The Perlan Project. "We will continue to strive for even higher altitudes and to continue our scientific experiments to explore the mysteries of the stratosphere. We've made history, but the learning has just begun.

Chief pilot Jim Payne and co-pilot Morgan Sandercock completed the flight from Comandante Armando Tola International Airport in El Galafetei, Argentina, surpassing the previous 50,727-foot world record for glider altitude that was set in the unpressurized Perlan 1 by The Perlan Project founder Einar Enevoldson and lead project sponsor Steve Fossett in 2006.

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New world altitude record for glider

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“With every Airbus Perlan Mission II milestone, we continue to learn more about how we can fly higher, faster and cleaner. But we also learn that aviation still has the power to surprise us, thrill us and motivate us to find new frontiers of endeavor,” said Tom Enters, Airbus CEO. “Perlan’s outstanding aviation success is the result of bold thinking. It’s this kind of thinking that is the cornerstone of our vision for the future of Airbus, which we hope will inspire a new generation of aerospace explorers and innovators.”

Airbus Perlan Mission II is an initiative to fly an engineless glider to the edge of space using weather phenomenon called stratospheric mountain waves, rising air currents that are significantly heightened a few times a year in only a couple of places

on earth by the polar vortex. The area around El Calafate, nestled within the Andes Mountains in Argentina, is one of those rare locations where these rising air currents can reach the stratosphere.

Because of its engineless design, the Perlan 2 glider is carrying aloft on every flight experiments ranging in focus from factors influencing climate change to radiation effects on pilots and aircraft in high altitudes.

Following the completion of the mountain-wave gliding season in Argentina, Airbus Perlan Mission II will return to Minden, where the all-volunteer team will modify and enhance the Perlan 2 glider based on information acquired in this year’s test flights. Ultimately, the Perlan Project will attempt to reach 90,000 feet, a world altitude record for any wing-supported flight, with or without an engine.

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4,000,000 Passengers Using Las Vegas Airport

Associated Press
October 27, 2017

Las Vegas aviation officials say the city’s airport is on track to break its year-end record as September marked the seventh consecutive month the airport logged more than 4 million passengers.

Figures from the Clark County Department of Aviation show that the McCarran International Airport saw in

excess of 2 percent increase in passenger volume in September 2017, as compared to September 2016.

More than 36 million people have flown in or out of the Las Vegas airport so far this year, putting it on pace to reach or pass the year-end record of nearly 48 million set in 2007.

Despite the overall increase last month, the airport’s top four scheduled carriers all experienced declines between 2 percent and 3.5 percent as compared to the same month last year.

Sample Hangar Sub-Lease Available

At the request of Ken Moen, RSAA President Tom Hall prepared a generic hangar lease available for all RTAA Tenants who have sub-tenants renting their hangars at Stead. Please access RSAA website at <https://steadusers.org> to download a copy.

Please feel free to edit and customize for your particular situation.

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FACT FROM THE PAST

Private Flying's Boost Reported

Western Flying
September 1940

The stimulus to all private flying resulting from the Civilian Pilot Training Program was indicated in figures made public by Donald H. Connolly, Administrator of Civil Aeronautics.

On July 1, 1940, pilot certificates were held by 41,000 individuals in the United States as against 26,144 in 1939. Though slightly

less than 10,000 boys and girls were graduated from the official training courses, almost half as many again have successfully taken training and been certificated in commercial flight schools.

Demands for flying equipment by this increased activity have given such impetus to the manufacture of trainers and other types of light airplanes that 2,718 additional aircraft were certificated during the past twelve months than were registered on July 1, 1939.

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General Aviation Survival

Produced by *FAA Safety Briefing*
Download at 1.usa.gov/SPANS

Many general aviation (GA) accidents are survivable if you have the right equipment and employ the right techniques. For example, in Alaska, adding seatbelts - especially four- or five-point seatbelts - and helmets could save 60% of the lives involved in an aircraft accident. Are you prepared and do you have the tools you need to survive an aviation accident?

A. Survival Tips

Every pilot needs to prepare for the unexpected. Although surviving a crash is one of

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General Aviation Survival

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those “I hope it never happens” events, it is something you need to consider both for yourself, and your passengers.

Accidents can happen quickly so being prepared is key. Three factors will impact your ability to survive: knowledge, discipline and planning. Here are some quick tips to remember:

- ◆ Know your aircraft. Do you know which way your seatbelt unbuckles? Have you checked your seatbelt placement to ensure it is unobstructed during an emergency?
- ◆ Upgrade your equipment. Installing four- or five-point seatbelts and using a helmet might save your life. Also, fire prevention fuel tank inserts can significantly reduce the chance of a post impact fire.
- ◆ Within the first five minutes of landing, exit the aircraft and account for the occupants. Check for breathing, bleeding and injuries in this order. Activate your ELT (and personal locator beacon if you have one), and use your phone to call 911.
- ◆ Know what roads are along your route and what direction they are in.
- ◆ File a flight plan even when flying VFR. This enables flight tracking and means that emergency services will be alerted should you not arrive when expected.
- ◆ Do not panic. Calm, thoughtful action is what will help you survive the time until you're rescued.
- ◆ Most importantly, have the will to survive!

B. Survival Training

To have the best chances of surviving an accident, the FAA recommends supplementing what you have learned on survival techniques with training and preparation. A number of courses are available, including a one-day post-crash survival course tailored for GA pilots offered by the FAA Civil Aerospace Medical Institute (CAMI).

This course, and others like it, are designed to introduce you to the knowledge and skills you need to cope with various common survival scenarios. This course also teaches students how to assemble and use a personal survival kit. Go to 1.usa.gov/1LetIK6 for more information.

C. Survival Kit

No matter where you fly, you should always equip your aircraft with a survival kit. There are several that are available commercially, but you can also assemble a personal survival kit that is custom-tailored to your mission.

Some common items you will want to make sure you have in your aircraft include:

- ✓ multi-tool or knife
- ✓ flashlight with extra batteries
- ✓ rope
- ✓ a signaling device
- ✓ a compass
- ✓ first aid kit
- ✓ waterproof matches
- ✓ bug repellent
- ✓ work gloves

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General Aviation Survival

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Be sure to have some water and non-perishable food as well in case you might have to wait some time before being rescued. Carrying some of these items in a fishing or survival vest is a good idea as you may only be able to walk away from the aircraft with the clothes on your back. And do not forget to leave room in your vest for a 406 MHz PLB. These relatively low cost devices are a great adjunct to the aircraft's ELT.

Speaking of clothing, this is one area often overlooked when it comes to surviving an aircraft accident. As clothing is your primary shelter in a survival situation, plan your attire accordingly for all areas and weather conditions along your route of flight. Dressing in layers is always a good idea. That way you can adjust as conditions change. Consider cotton or wool outer garments rather than

synthetics, trousers rather than shorts or skirts, and closed toe shoes rather than sandals.

D. Survival Resources

- ◆ *FAA Safety Briefing: Be Prepared* (Jul/Aug 2013)
<http://l.usa.gov/INhfivY> and *Handling Abnormal and Emergency Situations* (Nov/Dec 2010)
<https://go.usa.gov/xnqxa>
- ◆ *Basic Survival Training 1-Day Course at CAMI* <http://l.usa.gov/ILetIK6>
- ◆ *"Basic Survival Skills for Aviation" CAMI Manual*
<http://l.usa.gov/IVBPQ2t>
- ◆ *Aircrew Survival Videos Playlist on YouTube* <http://bit.ly/IPI8gox>
- ◆ *"Off Airport Ops Guide" FAASTeam Brochure* <https://go.usa.gov/xnqxT>
- ◆ *AOPA Air Safety Institute: Survival Safety* <http://bit.ly/1VBQehn>

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FLY WRIGHT

Observations by Orville and Wilbur on their first flights -

With a short dash down the runway, the machine lifted into the air and was flying. It was only a flight of twelve seconds, and it was an uncertain, wavy, creeping sort of flight at best; but it was a real flight at last and not a glide.

—Orville Wright, first flight of a heavier-than-air aircraft.

Those who understand the real significance of the conditions under which we worked will be surprised rather at the length than the shortness of the flights made with an unfamiliar machine after less than one minute's practice. The machine possesses greater capacity of being controlled than any of our former machines.

—Wilbur Wright.



IN MEMORIUM

Phillip Clark
1933 - 2017

Phillip Paul Clark passed away peacefully at his home in Reno, Nevada, on September 6, 2017. He was born in Klamath Falls, Oregon to Paul and Alta Armstrong Clark 83 years ago. Phil was a Korean War Veteran proudly serving in the Air Force as a radio operator. After the completion of his service in the Air Force, he married the love of his life, Joyce Flitton of Ogden, Utah. He went to work for the Federal Aviation Administration as a Controller at Moffett Field in the San Francisco Bay Area of California before moving to Reno and becoming the Assistant Chief with the Control Tower at Reno Tahoe International Airport.

Phil had a commercial pilot's license and loved flying his family from San Jose to Lake Tahoe in his Cessna. In addition to flying, he loved camping, fishing, reading both fiction and non-fiction, playing his violin and mandolin, and enjoyed attending the activities of his grandchildren.

He was preceded in death by his wife Joyce, his mother and father, daughter Denise Clark, grandson Dustin Clark, and sister Patsy Gallagher. He is survived by his sister Paula Windsor of Franklin, North Carolina, daughter Valerie Erny (Greg), sons Bruce D. Clark and Jay B. Clark, grandchildren Stephen, Christina, and Matthew Erny, Jennifer Clark Soucy (Dan), and two great grandchildren Kendra and Aubrey Soucy, along with numerous nieces and nephews.

A joyful celebration of his life was held at Lake Almanor, California, a favorite spot where he enjoyed many years of camping, fishing and boating. Phil asked that in lieu of flowers, donations be made in his name to the Nevada Humane Society, SPCA or the Wounded Warrior Project.





IN MEMORIUM

Alfred L. Raiche, Sr.
1935 - 2017

The Good Lord opened heaven's gates and welcomed home Alfred L. Raiche, Sr. on September 30, 2017. Affectionately known as "Papa" by his grandkids and those close to him, Al was born in Reno on September 19, 1935, and called Sparks his home for most of his life. He graduated from Reno High School in 1953, and attended the University of Nevada playing football in 1958.

Al was a proud veteran, serving in the U.S. Air Force from 1953 to 1957. His proudest moment was being on a KC-97 crew that supported the three B-52's in "Operation Powerflite," the record-setting-around-the-world flight in January 1957. While he was stationed at Castle Air Force Base, he met the love of his life, his wife of 58 years, Henrietta. They were married in Minden, Nevada, and celebrated their anniversary on September 20, 2017. An avid sportsman, Al was an expert hunter and fisherman who was always willing to share his knowledge and skills. He also played a role in the lives of many local youths by coaching football, baseball and basketball.

His largest legacy is those who were part of his life. He is survived by his wife Henrietta, son Al Jr. (Kay), daughter Kerri (Rick), and grandkids Lyndsey (Chris), Jordan and Remington. He is also survived by his sister Louise (Chuck), and numerous nieces, nephews, cousins, friends and extended family.

In lieu of flowers, please make a donation to the Nevada Veterans Memorial Plaza or Honor Flight Nevada.

