

APRON RECONSTRUCTION AT U42

Reconstruction of the apron east of the north hangar and south of the corporate hangars at South Valley Regional Airport is complete.

U42 PLANE WASH OPEN

The coin operated plane wash at South Valley Regional Airport (U42) is open. It operates on quarters so be sure to bring an adequate supply.

OPS/MAINTENANCE BUILDING REMODEL

The Operations and Maintenance Building (formerly the Alta Aircraft Maintenance hangar) at South Valley Regional Airport (U42) in West Jordan is being remodeled. The project is scheduled to be completed by the first week of November.

SELF-FUELING AT SLCDA AIRPORTS

Self-fueling your aircraft is authorized at Salt Lake City International Airport (SLC), South Valley Regional Airport (U42), and Tooele Valley Airport (TVY) only after individual pilots have made formal application, demonstrated refueling knowledge and skills to the Fire Marshall and the General Aviation Manager, and have been issued a self-fuel permit.

SLCDA operations personnel or police officers may require pilots involved in self-fueling their aircraft to produce their SLCDA Self Fueling Permit. Self-fueling without a permit is not authorized and citations may be issued.

For additional information on the process and to obtain a copy of the policy, requirements, and application form, contact Steve Jackson, SLCDA General Aviation Manager, by e-mail at steve.jackson@slcgov.com or by phone at 801-575-2401.

DO-IT-YOURSELF AVN REPAIRS... BE CAUTIOUS

Substituting a bolt on your plane may seem harmless, but you could be setting the stage for component failure. Whenever parts of dissimilar materials are placed in contact with each other, each material has a certain affinity for electrons. This can create a galvanic reaction, which is one of the major causes of corrosion, so be smart with what you do to maintain your aircraft.

Report Bird/Wildlife Strikes

<http://wildlife.faa.gov>

or call Steve Jackson at 801-575-2401

AWOS... WHAT EVERY PILOT SHOULD KNOW

Automated weather observation systems (AWOS) provide valuable information to conduct flight operations at most of the nations' general aviation (GA) airports.

Wind

- Readings are taken every second and a running 2-minute average is updated every 5 seconds.
- Wind speeds of less than 3 knots are reported as calm.
- If the difference between the highest 5-second average and the 2-minute average exceeds 5 knots, gusts are reported.
- Wind direction is reported from the nearest degree magnetic heading.

Visibility

- Readings are taken every 15 seconds and averaged over a 10-minute period.

Present weather

- A precipitation sensor samples every 15 seconds.
- Temperature and visibility measurements are used to determine precipitation type.

Sky condition

- Readings are taken every 30 seconds and averaged over a 30-minute period.
- Ceiling measurements feet above ground level (AGL) are rounded as follows:
Nearest 100' up to 5,000' AGL
Nearest 500' from 5,000' to 10,000' AGL
Nearest 1,000' above 10,000' AGL

Temperature and dew point

- 1-minute averages are used to determine the temperature.

Altimeter (barometric pressure)

- Pressure sensors take readings every 10 seconds; and a 1-minute average is calculated.

Remarks

- A calculated **density altitude** report is provided, if density altitude is greater than 1,000' above the airport's field elevation.
- Occasionally, airport managers will provide recorded remarks regarding Notice to Airmen (NOTAM) or local airport conditions.

Reporting stations are calibrated on a regular basis to ensure reliability and accuracy. As with any electronic device, care must be used when interpreting data. By knowing how AWOS data is collected, pilots can better understand the information they are receiving and plan their flight operations to coincide with their abilities and their aircraft's performance capabilities.

UTAHNS HELPED ADVANCE MODERN AVIATION

By Amy Butler, Ogden Air Logistics Center History Office

Early aviators of Utah were among the nation's best. Their achievements and influence helped the Army Air Corps to locate the "Rocky Mountain Air Depot," today's Ogden Air Logistics Center, near current Hill Air Force Base in 1940. Through bravery and other extraordinary individual qualities, Utahns helped -- and continue to help -- advance aviation for the betterment of society. They made substantial contributions to the development of both early American air power and commerce.

Some of the 23 current members of the Utah Aviation Hall of Fame were such aviation pioneers. Officially established by the governor of Utah in 1996, the Hall of Fame recognizes individuals of Utah who distinguished themselves through heroic accomplishments as civil or military aviators or by fostering exceptionally noteworthy advances in aviation programs.

For example, Russell Lowell Maughan of Logan (1893-1958) served with distinction, initially with the 139th Pursuit Squadron during World War I. He shot down four enemy aircraft and was awarded the Distinguished Service Cross, the nation's second highest combat award. In October 1922 he won the National Air Races Pulitzer Race, setting a world speed record of over 200 mph in his Curtiss biplane. In 1923, also as a lieutenant, Maughan won the Fairfield Race. On June 23, 1924, he became the first pilot to fly coast-to-coast in a day.

Maughan went on to serve as the Secretary of Aviation and Consultant to the Philippine Cabinet from 1930 to 1932, flying from Nichols Field at the same time that our Hill Air Force Base's namesake, Ployer P. Hill, flew from that field in the Philippines. In 1939, Maughan surveyed and selected airfields for the first secret transport routes through Greenland and Iceland to Great Britain. During World War II, he led both troop carrier and bomber groups on combat missions over Europe.

Some members of the Utah Aviation Hall of Fame were especially instrumental in the development of civil aviation. For example, Jacob Edwin Garn (1893-1971), the father of former U.S. Sen. "Jake" Garn of Utah and astronaut (also a member of the Hall of Fame), earned the first pilot's license issued in the state and was responsible for planning Utah's first airports, including Salt Lake City International Airport and others along the nation's first transcontinental airmail route.

SLCDA GA NEWS ELECTRONIC OPTION

If you would like to receive the Salt Lake City Department of Airports' monthly general aviation newsletter by e-mail, send a request including your current e-mail address to: steve.jackson@slcgov.com.

Enjoy Safe Summer Flying!

HELPFUL POINTS OF CONTACT

For General Aviation operations, facilities maintenance, aviation newsletter, airfield, and SLC Title 16 questions contact: Steve Jackson, SLCDA General Aviation Manager, (801) 647-5532 or e-mail at steve.jackson@slcgov.com.

For hangar lease and repair questions: Matt Jensen, Airport Property Specialist at (801) 575-2957 or e-mail him at matthew.jensen@slcgov.com.

For aviation security questions call: Connie Proctor at (801) 575-2401.
For gate access problems call: Airport Control Center at (801) 575-2401.

For emergencies call: at SLCIA, (801) 575-2911
at TVY or U42, 911 then (801) 575-2911

For additional GA information call the GA Hotline: (801) 575-2443.

UPCOMING EVENTS AND NEWS

Leading Edge Aviation at South Valley Regional Airport (**U42**), West Jordan and at Logan – Cache Airport (**LGU**) hosts multiple events each month including breakfast fly-ins, dinners, and classes. For more information about Leading Edge events, visit: www.leaviation.com.

Richfield Municipal Airport (RIF) in Richfield, Utah will host an open house and fly-in on August 2nd. Enjoy a free sausage, eggs, and pancake breakfast. Fuel will be sold for \$5.45 per gallon to fly-in participants. Help them celebrate their newly constructed runway and taxiway. For more information contact Kenny at 435-896-3053.

Skypark Airport (BTF) in Woods Cross, Utah hosts a monthly hangar breakfast at the airport on the third Saturday of each month throughout the summer. The FBO will offer self serve fuel discounts during the breakfast.

Historic Wendover Airfield (ENV) will hold its annual air show on September 5th and 6th. This year's show will go on with or without military support! It will feature a number of WW II aircraft along with ground exhibits, WW II re-enactment groups and some other fun activities. On Friday, September 5th, aircraft rides will be available. With a donation to the museum, rides can be arranged in a PT-17 Stearman, T-6 'Texan', CJ-6 'Nanchang' and possibly other vintage aircraft such as a B-25 'Mitchell'.

Saturday, September 6th will be the day of the air show flight demonstrations with ground exhibits, a car show, motorcycle ride and lots more! RV camping will again be offered on the east side of the ramp. For additional information visit <http://www.wendoverairbase.com/airshow>.

EAA 23, the Utah Chapter of the **Experimental Aircraft Association** will not hold its next meeting August 8th at the Civil Air Patrol Building at Salt Lake City International Airport.

Contact Shawn Crosgrove at shawn_crosgrove@msn.com or (801) 568-2571, or visit the EAA website at <http://www.eaa23.org/> for more information.

AUGUST FAA PILOT SEMINARS

Upcoming activity and seminar information is available at: www.faasafety.gov under the "Activities, Courses & Seminars" tab or contact Rick Stednitz, FAA Safety Program Manager at (801) 257- 5073.