

General Aviation Newsletter

Santa Barbara Airport

FlySBA.Com

Interested in an Airport T-Hangar?

The Airport is accepting applications for the Airport T-Hangar Waiting List through **January 3, 2011**.

There is currently one person on the waiting list. The drawing for the order in which new applicants will be placed on the list will be held at the Airport Commission meeting on January 19, 2011.

The application forms and requirements are on the Airport's website FlySBA.com:

http://flysba.com/general_aviation/airport_t_hangars



Rental for the T-Hangars for 2011 will be \$708 per month plus \$10 or metered amount for electricity.

Questions regarding the program may be directed to Rebecca Fribley, Sr. Property Management Specialist at 805-692-6022 or via email: RFribley@SantaBarbaraCA.Gov.

GA Can Help Keep Airport Stormwater Clean

Did you know the operation and maintenance of your aircraft can impact water quality? Pollutants that aircraft leave behind at the Airport can be transported in stormwater to the slough and the ocean.

When you are operating your aircraft it's the last thing on your mind, but each time you land or taxi you may be unavoidably leaving behind small amounts of metals from tires and brakes that could pollute stormwater. The Airport minimizes the impact by sweeping runways and taxiways regularly.

While your aircraft is on the ground, the Airport has rules in place to avoid stormwater pollution. Different phases of aircraft maintenance can also negatively impact water quality.



Washing aircraft on the ramp leaves residue that will add nutrients to stormwater. Nutrients promote algae growth and degrade habitat for fish. To avoid these pollutants the Airport provides aircraft wash racks.

Airport users are required to use the wash rack when washing aircraft unless equipment is in place to contain and recover wash and rinse water.

Stormwater Continued...

Mechanical maintenance of aircraft can also lead to stormwater pollution if not done correctly. Hydrocarbons like oil, hydraulic fluid, and fuel are easily transported to the slough if exposed to stormwater.

Only permitted mechanics are allowed to perform maintenance on the airfield. Permitted mechanics are required to perform maintenance indoors or have stormwater pollution prevention measures in place.

Questions regarding the Airport's Stormwater Program may be directed to Jeff McKee, Maintenance Superintendent at 805-692-6057 or via email: JMcKee@SantaBarbaraCA.Gov.

Yellow + Blue = Green

There is significant energy savings on the airfield at the Santa Barbara Airport due to the replacement of incandescent elevated runway guard lights and taxiway edge lights with light emitting diodes (LED).

There are 467 blue taxiway edge lights in operation at the Airport to help guide pilots. More than 300 of those taxiway lights have recently been upgraded to LED. When all of the remaining incandescent bulbs are replaced over the next few months, the Airport will save at least 45,000 kWh per year on taxiway lighting in addition to all the labor and incandescent bulb costs that are avoided by the new technology.

Over the 100,000 hour life of a \$217 LED taxiway light, the Airport will avoid labor and parts costs associated with replacing a \$4 incandescent lamp up to 100 times. Each new, more energy efficient, LED lamp will also save \$20 per year in electricity charges.

At intersections between runways and taxiways, the Airport will also save 12,000 kWh per year by converting to LED technology. At these intersections, 44 alternating dual flashing yellow lights operate

24 hours per day, seven days per week, to help warn pilots of an active runway and avoid potential accidents. By converting to LED, the reliability of the warning lights will be improved and the Airport will realize significant savings similar to LED taxiway lights.

The airfield consists of over 34,000 linear feet of controlled movement areas, including three runways and fifteen taxiways. Commercial airlines utilize the Airport's main runway which is 6052' long with 1000' safety overrun areas at each end. Smaller general aviation aircraft primarily use Santa Barbara's two shorter 4000' parallel runways.

The Airport will convert runway lights, in-pavement guard lights and airfield signage to LED lighting for greater energy efficiency and further greening of the airfield as technology develops.

Airline Terminal Improvement Project

The terminal project is progressing well regardless of the weather. The contractor is working on completing the building roofing systems,



as well as the installation of all exterior lath and plaster. When these two tasks are complete, the building will be weather tight. The contractor is continuing work on the installation of mechanical, electrical, and plumbing systems on the interior of the building as well as framing in the second floor. Airport staff has begun work on the phasing plan in which all airline terminal tenants will move from the existing terminal into the new terminal, while at the same time the contractor will move from the new terminal into the existing terminal. Slideshows of the construction can be found at http://flysba.com/inside_sba/terminal_project.

Sewer Projects

There are two sewer line projects concurrently under way near the airport, both of which are administered by the Goleta Sanitary District. The first project is located from Robin Hill Road to John Donaldson Place, along Norman Firestone Road. This project temporarily affected the parallel runways during construction due to equipment heights in the runway approach zones. The work is sufficiently completed to have no further affect on the parallel runways.

The second project is located on south Fairview Avenue from James Fowler Road to Hollister Avenue. This project has impacted the main runway while working in the Instrument Landing System Critical Area, again due to equipment heights. While the project still has two or three months to go, all sewer line installation in the ILS area has been completed. The cities of Santa Barbara and Goleta, as well as the Goleta Sanitary District are coordinating a plan to repave south Fairview Avenue.

The Basin E/F Tidal Restoration Project

The Basin E/F Tidal Restoration Project, located south of Taxiway A between Taxiways F and N, is a wetland habitat restoration project restoring historic tidal flows to 10.3 acres of the Goleta Slough. This project can be described as a win-win-win because it satisfies three important goals: environmental preservation, aviation safety, and permit compliance.

Restoring tidal flows to Basin E/F improves the habitat for local wildlife, including the endangered tidewater goby and the Belding's savannah sparrow. Tidal wetlands are the "supermarket" for our region's wildlife; where shallow water and nutrient-rich soils combine

to provide a wide variety of food sources. Sadly nearly 80% of California's coastal wetlands have been lost to development and sedimentation. Tidal flows help clean Basin E/F of sediment and debris that washes in during storms, naturally maintaining both habitat and flood capacity.

When tidal restoration was first considered, the Airport was very concerned about the possibility of attracting new wildlife hazards. The Airport conducted a three-year study of bird behavior in the Goleta Slough before deciding to move forward with tidal restoration. The results of the study were very positive: non-tidal wetlands attract dangerous migratory fowl, like the Canada goose, but tidal wetlands attract small shorebirds, like the sandpiper, which rarely fly inland over the runways and tend to fly in low numbers. Thus tidal restoration reduces both the number and severity of wildlife strike hazards, making Santa Barbara Airport a safer place to fly.

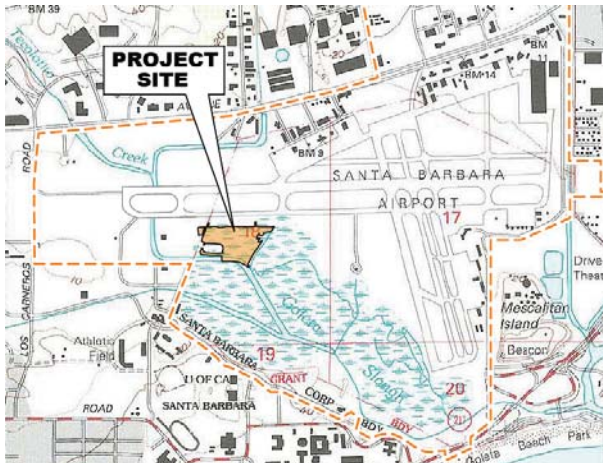
The Basin E/F Tidal Restoration Project is also the final phase of mitigation for the



Airfield Safety Projects completed in 2006. The Airfield Safety Projects relocated Runway 7-25 and impacted part of the Goleta Slough by relocating two creeks to accommodate 1,000-foot runway safety

The Basin E/F Tidal Restoration Project continued...

areas. The Airport is required to mitigate for this environmental impact by completing habitat restoration projects. Both the Airfield Safety Projects and the tidal restoration project are funded by a grant from the Federal Aviation Administration (FAA) to improve safety at our nation's airports.



Planting and seeding continues on the project. Weeding and monitoring will follow to ensure that the restoration remains successful.

In Remembrance

Christopher Patrick
Jewell



Chris, born August 8, 1961 in San Francisco, California, a devoted, loving and giving man, passed away Sunday December 12, 2010 of a heart attack. Chris leaves behind his loving wife Karen (Bruce) Jewell, three girls, Emily 15, Olivia 10, Sierra 5, his mother Molly (Mendez) Shawl of Goleta, his father Robert (Elaine) Jewell of Santa Barbara, and brothers, Tim (Jane) of Santa Barbara, Brent (Carolyn) of Buena Vista, Colorado and

their children Samantha (14) and Dylan (11), and many loving aunts, uncles, cousins, and friends.

Chris is a legend on the Santa Barbara airport for over twenty years, having graduated from Northrop University in 1984. He started as a general Aviation FAA Certified A&P with IA status in Santa Barbara working on single and twin aircraft. He also served as a Designated Director of Maintenance for a part 135 on demand charter operator.

Chris has a passion for aviation in every aspect. Chris has been an owner pilot of a Cessna 152, 172 and 182, where he has logged over 400 hours of flight time.

Chris was a Goleta local having graduated from Dos Pueblos High School in 1981. The Cathedral Oaks Tennis Club was the beginning of a long journey in the pool. Chris swam on the varsity swim team at D. P. all four years. He was a competitive swimmer at Santa Barbara Swim Club, a life guard and a Junior Olympic swimmer. When not swimming he could be found hiking or mountain biking the trails of the Santa Barbara back country and the Eastern Sierras.

Chris enjoyed spending time with his daughters and was recently able to share the trails of his childhood at Lake Los Carneros where he rebuilt the tire swing with them.

Service will be held December 20, 2010 at St. Raphael Church in Goleta at 10 AM with a reception to follow. A celebration of life will take place in January.

In lieu of flowers, The Chris Jewell Memorial Fund has been established for his children at the Bank of America (account #04166-74678); a credit card option is available by contacting Shawn Sullivan at (ssullivan@aboveallsba.com) or 805-455-9565.

Source: SB News Press



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If you need assistance, please contact Mabel Shatavsky at Airport Administration, 805-692-6001.