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APRIL 2013

HAPPY EARTH DAY!

EDITOR C. ROBINSON



WHAT'S UP? CELEBRATE EARTH DAY ON APRIL 22!

On this day dedicated to celebrating our Earth, it's important for those of us in the aviation industry to remind ourselves that we can still be kind to the environment even as we take to the skies. The truth is that aircraft account for very little of total atmospheric carbon. According to an estimate by Cambridge University (www.gretemangroup.com), aviation contributes only about 2 percent of total global CO2 emissions.

Economics alone dictate action. Just as \$4 gas will make you think twice about buying that Hummer, aircraft operators continually push for more efficient machines. There are many ways the aviation industry is moving in a positive, green direction:

- Boeing's 787 Dreamliner aircraft will use 20% less fuel than its competitors because as much as 50% of the primary structure, including the wing, will be made of composite materials which will be lighter and more fuel efficient.
- Airlines use the newest aircraft and are therefore flying the most efficient, least polluting planes.
- NASA currently is testing a substance it calls hydrotreated renewable jet fuel. It's just one of many biofuels under study. Virgin Airlines has already tested flights running on biofuel.

The path to the development of unleaded Avgas suffered a setback in May 2011 with a lawsuit filed by California's Center for Environmental Health (CEH), claiming that Proposition 65 had been violated by selling avgas without warning the public about its lead content. Named in the suit: five oil companies; 38 aviation fuel retail businesses, aircraft charter companies and private suppliers; and the Environmental Protection Agency (EPA). However, last month, on March 31, 2013, the U.S. District Court for the District of Columbia dismissed the lawsuit "This ruling will help to ensure that efforts to find an unleaded replacement fuel will continue in a manner that will guarantee aviation safety," AOPA officials said in a statement released March 29. AOPA added, "The FAA's new fuels program office and the general aviation industry are continuing coordinated efforts to evaluate fuel alternatives and to ultimately transition the existing fleet to an unleaded fuel. The recommendations include the establishment of a "fuels development roadmap," centralized testing of possible fuel alternatives, establishing standard procedures for soliciting and selecting fuels to be tested, and establishing a centralized certification office to support unleaded fuel projects.

General Aviation, too, can do much to minimize the impact our travel, education and maintenance of our proficiency and credentials:

- Use a GATS Jar (Gasoline Analysis Test Separator) to check aircraft fuel during the preflight inspection. The jar uses a special separator screen that, when coated with avgas, forms a barrier to water and debris, yet allows passage of avgas. The GATS Jar also detects jet fuel in the event of inadvertent fueling of your aircraft with jet fuel. By using the GATS Jar, pilots can help protect the environment by pouring sample fuel back into the tank, without fear of water contamination, instead of on the ground.
- Safe disposal of flashlight batteries.
- Respect the noise abatement policies of the airport. Smart flying reduces the noise impact of the aircraft. The pilot has the ability to reduce aircraft noise through altitude, landing and take-off patterns and airspeed. Reduce engine power and propeller RPM as soon as practicable after takeoff. Plan every flight in advance taking into account the optimum flight path to reduce the amount of time in the air and the avoidance of environmental or noise sensitive areas.
- Avoid restricted airspace ...deployment of F-18s to your location wastes a lot of fuel.
- Choose efficient power settings.
- If your destination requires renting a car, choose a rental car company that offers fuel-efficient options, such as hybrid, electric, and biodiesel cars.
- Turn off lights at the flight school when not in use.

These are just some of the ways you can go aviation green. Let us know what you do to help!

RYAN G'S RESCUE submitted by Bob Hartunian, Big Bear-Based Pilot/Correspondent

There may have been some lingering Irish luck left over from St Patty's Day and for 3 guys from San Diego, it was fortunate that Ryan G. was working this morning to help them from killing themselves and others on the ground. Here's the story:

A Cessna 172 with 180 hp came up from Montgomery Field for skiing and fun and were preparing for the return flight on Monday after St Patrick's Day. You could tell that these men had good appetites and were over 200 lbs each, then throw in 3 dogs and skiing equipment and overnight baggage. On top of all that, they purchased 15 gal of fuel, packed all the stuff into the plane and prepared to fly off. Ryan was working maintenance that noon and he is an experienced Big Bear pilot and A&P mechanic who knows trouble when he sees it glaring at him. He spoke to the pilot, indicating that the packed plane was probably very over gross weight with aft CG and that flight at 8400' density altitude would not be smart at this time. He was ignored. The pilot bravely said "no problem", started the engine and taxied.

The plane departed on Runway 8 to the east where homes and tall trees reside. It could hardly get out of ground effect along the runway but the pilot kept going anyway. As he approached the end of the runway and pulled back on the yoke, his airspeed was less than 65 mph and the plane was not climbing. In panic, the pilot radioed that he couldn't climb and Ryan got on the mike with explicit instructions to keep the nose down even though our pilot wanted to pull back on the controls which would have surely stalled the plane. Then he wanted to retract the 10 deg of flaps initially used for takeoff and Ryan overrode that, all this while, he could hear the stall warning on continuously. The pilot's voice was high pitched and scared. He said the airspeed was between 55 and 65 mph but at least the plane was climbing slightly. This pilot now wanted to make a turn toward San Diego while down low over Baldwin Lake and Ryan vetoed this also, instructing the pilot to turn north toward the desert with space below. They cleared the hills north of Baldwin and gradually increased airspeed until it was safe to pull up flaps. Because of the aft CG, the plane had a high angle of attack and could not get the nose down to gain much speed. They proceeded nose up at 100 mph max toward the Cajon Pass at Ryan's recommendation, avoiding the mountains near Onyx Summit which they could not clear. The flight eventually made the Pass, filed IFR and could be monitored on Flight Aware as they made it home.

This pilot had his IFR rating but did not have any idea about mountain flying, about configuring the plane correctly and about jeopardizing passenger's lives with arrogant and dumb choices. These folks were very fortunate to have Ryan present with intelligent instructions to keep them alive. Maybe a leprechaun was still around.



ACCOMPLISHMENTS			
LING HSU	First Solo	C-152	CFI CHRIS ROTH
ANTHONY	First Solo	Warrior	CFI HANK SURFACE
DANIK DANIELLI	First Solo	C-152	CFIs BEBENSEE/ VASANDANI
RUL YACOB	Private	C-172	CFI JOE DEL RIO
RIZKY YUWONO	Private	C-172	CFIs SUZUKI/MUDGAL
KYUNG SUNG BAE	Commercial Single	C-152	CFI RYOTA SUZUKI
KYUNG SUNG BAE	Commercial Multi	Seminole	CFI RYOTA SUZUKI
GILBERT PUNSALAN	Commercial Multi	Seminole	CFI CHRISTOPHER BEBENSEE
RUDI LIMICH	CFI	C-172RG	CFI MONTY GROUTAGE
JOE DEL RIO	Gold Seal Instructor !!!		

CONGRATS to RICHARD GARNETT, top CLUB CFI for March logging the most hours of dual given in club aircraft! Runners-up were TOMAS MARTINEZ and MONTY GROUTAGE!

TOP GUN AWARD goes to WILLIAM LENAGHAN for logging the most flight hours in club aircraft in March! Runners up were KYUNG SUNG BAE and MATTEO CONFORTI !!!

ALUMNI UPDATES: Congratulations to HOPSI LUCKI YANNUAR, RANDY PARDEDE and ADITYA WIRAATMAJA, training as first officers on the Airbus A320 in Indonesia for Air Asia! Congrats to TOUFAN, in first officer training on the Airbus A320 in Indonesia for Citi Link! Great news from TJIU WIDI, now a first officer in the Airbus A320 in Indonesia for Sri Wijaya Air! Bravo to PJ HSIEH in second officer training on the MD-90 in Taiwan for Eva Air!

NOTAM: Club pilots wishing to write articles for our monthly newsletters would be greatly appreciated! Many thanks for Bob Hartunian for the help with this newsletter!

NOTAM: The Redbird TD2 BATD is certified and ready to log instrument currency!!!

SEQUESTRATION UPDATE

Last month we reported on the U.S. budget sequestration which took effect March 1, instituting across-the-board spending cuts which would affect our industry by closing air traffic control towers, reducing FSDO support services and drastically cutting non-essential FAA spending. Of the towers slated to close, 24 came perilously close to shut down on April 7. However, less than 48 hours before the deadline, the Federal Aviation Administration announced that more time was needed to deal with legal challenges to the closures, and, consequently, delayed the closures until mid-June.

FSDO service reduction has already been implemented, with inspectors tanking one unpaid day off each 2-week pay period.

The cuts to the FAA budget ended participation of the U.S. military in airshows and flyovers around the country. The Thunderbirds have cancelled 60 shows at 38 locations between March and November. The Navy's Blue Angels nixed all of its shows for April and expects to do the same for remaining performances this year. The Army's Golden Knights have cancelled 70 shows for the year. All three teams plan to increase community outreach efforts and continue training for their routines so the team is ready to resume its demonstrations once the air-show restriction is lifted.

Meanwhile, continue to tell Congress that sequestration will have a detrimental effect on our National Airspace System. Visit www.natca.net for a link to send a pre-written email to all three California congresspersons.

CALENDAR

MAY 18:	Flabob Airport - 3rd Saturday Aircraft Displays & Car Show, www.flabob.org .
APR 24:	Long Beach Flying Club and the Long Beach Airport Association GENERAL MEMBERSHIP MEETING will be held at the AirFlite facility on Taxiway Bravo at the end of Wardlow Road. A buffet will be served, sandwiches, fruit and dessert, beginning at 6:30 PM with the program beginning at 7:00 PM. Everybody is welcome to attend -- we hope to see you there! This meeting will count toward CFI credit for this month!
MAY 12:	Brown Field 2nd Sunday Fly-In, San Diego Flight Museum, www.aerospacemuseum.org
MAY 5:	Santa Paula - Aviation Museum of Santa Paula First Sunday Open House and Vintage Aircraft Fly-In. Contact: 805 525 1109 www.amszp.org .
MAY 11:	Catalina Aero Club DISPLAY DAY FLY-IN Saturday, 10 am to 2 pm. Aircraft built 1961 and earlier land FREE! Historical aircraft display sign-offs. Buffalo Burgers at DC-3 Grill! Meet other pilots and Aero Club members. Contact: 714.751.9420.
MAY 12:	Whiteman Airport Second Sunday Open House, Whiteman Airport Association. Contact: www.whpsafety.org/display.html
MAY 19:	Brackett Field (POC) Third Sunday Antique Aircraft Display — classic cars, and biplane rides. FREE. Fly ins welcome, historical sign offs. Restaurant on-site. Plenty of airplane and vehicle parking. 10-3PM. Contact Yvonne, 626-576-8692.
MAY 29:	Long Beach Flying Club CFI meeting from 6:00 pm to 7:00 pm. We will be opining club challenges and opportunities, discussing of regulations, training procedures, and other aspects of flying. Join us for an inspirational and educational hour!
APR 28:	Agua Dulce Airport BBQ & Fly-In from 1100 am to 2:30 pm. A wide range of modern and vintage aircraft often fly into Agua Dulce Airport (L70). All planes welcome -- Fly over for some great Texas style barbecue, the trimmings, friends and fun. Cost: \$5.00. Info: www.airnav.com/airport/L70 or dulceair@sbcglobal.net .
MAY 4:	Chino Monthly Event includes seminars and, weather permitting and whenever possible, flight demonstrations by appropriate aircraft. Seminars start at about 10am and last till about 2pm and occur on the first Saturday of every month. Contact 909.597.3722.

NEW & REJOINED CLUB PILOTS! WELCOME!



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DONALD JACK

JULIANNA FARRELL

DAVIDE BRAVIN

GUILLAUME VIERLING

DANNY TORO

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WILLIAM BALD

JAY OKAWACHI

RYAN RALPH

JONATHAN PORTILLO



HAPPY APRIL BIRTHDAYS

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ERIK APINYAN

WILLIAM H. ARMET

DANIK DANIELLI

JOE DEL RIO

DWIGHT L. DENNIS

RICHARD GARNETT

KEITH HEELEY

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TERRY JOHNSON

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GARY LAZENBY

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AARON URI LEVY

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2. We can send you a preprinted gift certificate for any denomination you wish -- just give us a call! We'll charge your credit card and get the gift certificate in the next out-going mail.
3. We can email you a gift certificate. Send us or call us with a credit card number to activate it for any denomination you wish. You will be given a Gift Certificate number to fill in at the bottom of your printout.

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