



Zach Reeder next to Rutan design, record holder, Catbird at Plane Crazy Saturday!

Zach gave a fun and educational presentation about how to build an imaginary airplane that has never been built before, an aircraft with one mission. In this case, we were designing an airplane that would carry an elephant from Hawaii to Alaska, by using 'the educated guess' method.



Enjoyed hearing him explain how engineering works by taking logical steps when solving problems and achieving goals. Using the knowledge that is already stored in your head from past experiences and familiar surroundings. This process is a series of small steps that Zach outlined in his presentation.

"If you're doing something that no one has ever done before, your intuition is kind of the only weapon that you have," he said. "Analogies are your friends." (Thanks Allison Gatlin for taking such fantastic notes!)

To that end, the broader an engineer's experience, the bigger the analogy toolbox and the bigger the problem that can be tackled.

"An airplane designer is incentivized to know about history, art, zoology, sporting goods, you name it," he said.

Robert Brenizer and many others stayed after the aircraft design workshop to build the airplane using foam and hot glue gun.

Zach really knows how to stir up creativeness and inspiration! Fantastic enthusiasm and imagination! No wonder he has been with Scaled Composites for over a decade – he is having a great influence there!



Many U.S. National and World Records have been set in Catbird, beginning in January 1994 with Dick Rutan at the controls – 249.45 mph – 216.61 knots speed over a 2000 km closed course. Record set for Class C1-b group 1.

Pilot/America's First Commercial Astronaut, Mike Melvill set another record with the Catbird on March 2, 1994.

In April 2014, Zach Reeder flew Catbird over a 5000 km closed course, breaking the Class C1-c,



group 1 record – his speed was 211.27 mph – 183.59 knots.

I remember looking up in the night sky during the Mojave Experimental Fly-In watching him as he circled over Mojave and headed north to continue his record flight.

Tom Jones flew over from Rosamond Skypark (L00) in his beautiful little Thorp T-18. Always great to see this immaculate aircraft on the flightline. Thanks Tom!



Doug Burdick and Ursula Finkbeiner are ever faithful to help set up the MTM information table. Many thanks to them for their energy and wonderful help! Thank you to Bill Deaver and Steve Rushford for their help chatting with visitors each month who attend from all over the world.

Thank you Ron Langford for your help with tables and chairs and unlocking the MASP Board Room!



Always fun to see the ramp fill with airplanes! Linda Abrams flew her rare 1966 Alon Ercoupe up from San Pedro to Plane Crazy Saturday.

The ERCO Ercoupe is a low wing, twin-tail monoplane first manufactured by the



Engineering and Research Corporation (ERCO) shortly before World War II, production continued after WWII by several other manufacturers until 1967. It was designed to be the safest fixed-wing aircraft that aerospace engineering could provide at the time, and the type still enjoys a very faithful following today.

Roy Martin's 1964 Cessna 206 is always the first aircraft on the ramp



for Plane Crazy Saturday!

Mojave tenant, Fred Wright, brought his clean 1969 Cessna 182M out for display on Saturday too.

Some have described the Cessna 182 as the best of light airplanes and is considered at the top end of what is practical for an everyday pilot.

The 182M Skylane is powered by a 230 horsepower Continental O-470 piston engine.

Based on price, simplicity, ease of handling, durability and performance, the Skylane has earned its place as one of the most popular and respected light aircraft.





Rebecca Pontius has introduced a new feature at Plane Crazy Saturday – a Photo Booth!

She used the Catbird as a backdrop and created a fun way to save a memory! Wonder what next month's photo booth will be?

Doug Castleman brought all of his fantastic aviation art and a few extra landscape paintings that were breathtaking! Beautiful, cool looking river, with lots of trees with a man fishing on the shore. He told me that he painted one of the scenes from the movie, River of No Return, starring Robert Mitchum, Marilyn Monroe and Rory Calhoun.

He pointed to the man in the painting and said, "That's Robert Mitchum!"

Doug's paintings show wonderful spirit and action. Go to: <http://www.douglascastleman.com/> and <http://www.douglascastlemanaviationart.com/>





Al Hansen's Canadair MK-VI F-86 Sabre and North American T-28B sit together on the ramp.

Historical photos from Marine Corps Air Station Mojave, trains and Twenty Mule Team are displayed each month. MTM Board Member, Alan Radecki made the poster collage of USMC Mojave many years ago. Hope he saved it somewhere – we need more prints!



Joe Capaldi of the National Test Pilot School brought his outstanding collection of painted helmets to Plane Crazy again. They are the real deal and beautifully reconditioned. Joe is a guy who pays attention to detail and obviously enjoys his work!

We appreciate all of our Plane Crazy Saturday sponsors!

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The Loop Community Newspaper
Thom Lapworth - Lancaster



www.mojavemuseum.org

Next PLANE/TRAIN Crazy Saturday will be held on September 17, 2016 from 10 a.m. until 2 p.m.
CELEBRATING THE 140TH ANNIVERSARY OF THE FOUNDING OF MOJAVE!
LOTS OF TRAINS and AIRCRAFT DISPLAYS!
Exhibits from local Mojave firms, including Golden Queen Mining!

Presentation at 11 a.m. in MASP Board Room –
Local Area and Railroad Historian, Bill Deaver will
present the Railroad History of Mojave.

Mike Masee and Eber West will have their 7.5
gauge steam engines on display.

