



The ThunderWord

Thunderbird Field EAA Chapter 1217

April 2016

Scottsdale, Arizona

PRESIDENT'S CORNER

Greetings from my corner of the hangar! At the March meeting aviation legend Sergei Sikorsky talked to us about his father's influence on aviation. Well into his nineties, Sergei still delivers a commanding presentation. As a special treat he brought along his Dad's solid gold pocket watch that was presented to him by the Czar of Russia. It was the only artifact his Dad brought with him when he immigrated to America. It was very moving for me to hold an artifact that had belonged to Igor Sikorsky. For the second month in a row Jack Pollack had to perform magic on the presenter's PowerPoint presentation so the format would work on our equipment. Thanks Jack!

This month we will have more of an informational presentation with some new material that we as pilots need to be familiar with. In talking to the presenter he said that the April EAA Chapter meeting will qualify as a Wings presentation for those of you in the program. If you aren't, there will be information on how to become part of the Wings program.

See you at the April meeting!

Curtis

APRIL CHAPTER MEETING

The next meeting of Thunderbird Field EAA Chapter 1217 will be held on Thursday, April 19th, starting at 7 pm, at the Scottsdale Aviation Business Center, 15041 North Airport Drive. This month's guest speaker has been set up by Terry Emig, Chapter 1217 Vice President. He has gotten Ernie Copeland from the FAA Scottsdale Flight Standards District Office to bring us a presentation on the FAASafety.gov website and the new compliance philosophy. Ernie

will be assisted by Tina Buskirk, and they will take us through the recent changes to the FAR that we should all be familiar with. It should be an interesting and informative presentation.

Guests are always welcome!

MAYDAY-MAYDAY-MAYDAY

BBQ AT DVT

Sunday, May 1, 1100-1400 MST, will be the annual Thunderbird Field EAA Chapter 1217 MAY DAY FLY-IN / DRIVE-IN. Jack Pollack will again host this year's event at his Deer Valley north side hangar 31-08. Things get underway around 11 am with planes arriving and setup. There are plenty of transient aircraft parking spots right in front of Jack's hangar. Be sure to bring lawn chairs. At noon time we will be having an old fashioned hangar cookout. Jack reports the ramp in front of his hangar is really smooth after repaving so be sure to bring wheel chocks.

This year the Chapter will spring for the burgers, fixin's and drinks, you need to bring something to share that doesn't need to be cooked, heated or butchered. Examples are salads, desserts, and chips, salsa & dip. We don't need a lot, as we don't want a lot wasted. Dean Gilderoy has generously donated the tables and chairs, and John Levitz has donated his monster grill. Thanks guys!

Everyone is welcome so bring your family and friends. If you are driving, go to the north perimeter road and drive to the **EAST** entrance for the hangars. Signs will be posted, but call 602-710-4494 and we will come down and let you through the gate. It might be a good idea to bring lawn chairs to sit in. Vehicles are encouraged to park in the

marked car lot spaces near the hangar ends after unloading at Jack's hangar. Please DO NOT park in the airplane wash rack or your

prized possession risks an unwanted washing. All arriving pilots are requested to NOT to use the words **Mayday** when talking on the radio.



Chapter Member Dave Kujara Attended the Unveiling of Virgin Galactic's SpaceShip 2



Dave Standing beside the SpaceShip 2 during its Unveiling at Mohave, CA

DYNON BREAKTHROUGH

Thousands of experimental and LSA aircraft already fly Dynon products worldwide. Based on this success of developing avionics for a

fleet of over 15,000 Dynon-equipped aircraft, the EAA, FAA, and Dynon partnered to gain Continued on page 3

FAA approval for the installation of Dynon's EFIS-D10A in type certificated GA aircraft. The Dynon EFIS-D10A is the first product of this type to be STC approved. The EFIS-D10A is a full 4" Primary Flight Display that includes attitude, airspeed, altimeter, magnetic heading, turn rate, inclinometer, g-meter, winds, and more. Other capabilities include Angle-of-Attack and internal backup battery.

The initial STC allows the EFIS-D10A to replace the existing primary attitude indicator in Cessna 150, 152, 172 and Piper PA-28 and PA-38 series aircraft with a modern EFIS that contains no moving parts. More aircraft approvals are expected to follow. Based on demand, Dynon also will design turnkey installation kits for installers that include

aircraft-specific panels and mounting equipment. The STC will be available for a nominal price from the EAA. Dynon will sell the EFIS D10A and installation kits for STC installation.

Unique to this STC, EAA, Dynon, and the FAA worked together to allow the EFIS-D10A to be installed without the traditional Technical Standard Order (TSO) or Parts Manufacturer Approval (PMA) requirement. Dynon's product is also verified against the recently developed ASTM 3153-15, Standard Specification for verification of Avionics Systems. The cost and application process for the STC will be finalized in the coming weeks by EAA. Pricing and availability of Dynon's EFIS-D10A for this STC will also be available in the coming weeks.



Doug Matthews' Lockheed T-33 Undergoing Preflight

T-33 Flight

Jordan Ross had a unique opportunity when Mike Pfleger invited Jordan to fly with him in Doug Matthews' Lockheed T-33 last month.

The flight took from Deer Valley up to Flagstaff, circled Mt. Humphries and returned to DVT in just under an hour. Jordan was amazed at the speed. Amazing fuel burn too - about 200 gallons an hour.

NEW STUDENT PILOT CERTIFICATES

Everyone is reminded that student pilots and their flight instructors have a significant change in the process of applying for and April 2016

issuing student pilot certificates that took effect on April 1, in conjunction with a new rule adopted by the FAA. For student pilots, this means that it will no longer be possible to obtain a combined medical certificate and student pilot certificate from an Aviation Medical Examiner. There will be no expiration date on the new student pilot certificates.

Flight instructors will no longer endorse student pilot certificates, but will make those endorsements in student pilots' logbooks.

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Instructors also will find themselves playing an active role in the process of issuing student pilot certificates, because CFIs will be among those designated as persons authorized to process a student pilot's application, ensuring that it is in order before forwarding it to the FAA. Student pilots will have other options for applying for the certificate, such as applying through their local FAA Flight Standards District Office, Designated Pilot Examiners, or some Part 141 school officials.

The FAA has estimated that it will take approximately three weeks to approve and return the new plastic student pilot certificates to applicants by mail. That time lag is why the

new rule presents some complications for a student pilot eager to participate in the aviation tradition of soloing for the first time on their 16th birthday.

Specifically, the new application procedures require the individual processing the application to verify that all the applicant's eligibility requirements are met - including that the applicant is at least 16 years old at the time of the application. Given the wait time for the FAA to issue the student pilot certificate, the possibility of soloing on the sixteenth birthday seems remote. The FAA has issued an updated advisory circular (AC 61-65F) on pilot certification that includes the changes in student pilot certification.



Mike and Jordan with the T-33



A View of the T-33 Cockpit

MERLIN CERTIFIED

On March 29, Glasair Aviation of Arlington, Washington, received FAA certification of its Merlin Light-Sport Aircraft (LSA).

Glasair Aviation has been manufacturing high-end, composite kitplanes for nearly 40 years, first with its Glasair-series of high-performance, low-wing aircraft in the 1980s and later with its high-utility, high-wing GlaStar and Sportsman models.

Merlin LSA certification marks Glasair Aviation's first entry into turnkey airplane production (The Merlin LSA will not be sold as a kit.). The company will target pilots

whose desire is to buy-and-fly an affordable, comfortable, all-composite aircraft perfect for recreational flying.

Glasair Aviation also anticipates sales to training centers intent on upgrading to aircraft with excellent handling characteristics and the latest instrumentation. Sales will be through regional aircraft dealerships. Glasair Aviation is a subsidiary of the Jilin Hanxing Group of Jilin City, China, but the Merlin LSA will be an entirely U.S.-made aircraft. Further Merlin LSA production is underway with the first customer deliveries expected in the third quarter of this year



Mike and Jordan Aboard the T-33 Prior to Their Flight

CASA GRANDE AIRPORT CAFE

Casa Grande Airport has a great restaurant in the terminal building called "Foxtrot Cafe." It is run by Amber! The restaurant received a four-star award on the Casa Grande public access cable network (CGPACN) for food and service. I hope you'll make an effort to meet Amber and try her cuisine. She's closed Sunday. Open Monday-Saturday 6:30 AM - 2 PM.

SWIM WITH THE POLAR BEARS

Seaplane Adventures in Blaine, Minnesota is putting together another one of its famed Churchill Polar Bear and Fishing Expeditions. They will be departing KANE Minnesota August 20-26 to see polar bears & beluga whales, plus fishing. The price is \$1,200 per person. If this type of flying interests you,

give Brian Schanche at ADVENTURE SEAPLANES INC. at 612-868-4243

GEORGE MIDDLESTETTER

Many of you will remember our guest speaker from the February Chapter meeting, George Middlestetter, the guy who did the plane-to-plane transfer. Dan Muxlow said at the time of the meeting, his health had been declining a lot in the two weeks between when Dan first met him and the meeting. His wife said about three weeks ago he fell and was put in the VA hospital in Prescott. His health continued to decline, he wasn't able to walk, and had to be lifted out of bed with a hoist. Dan just heard he was placed in hospice as he hasn't been eating, and they expect he will die within the next week. His wife said he remembers the flight from/to Prescott and the meeting, and she is happy that he had the experience.



Photo by Jerry Lane

Todd Dickey's Grumman Widgeon taking off from Grapevine Airport
 (Yes, the props really are turning)

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Chapter Website: www.ThunderbirdField.com

SEE YOU AT THE MAYDAY FLY-IN / DRIVE-IN

ThunderAds

FOR SALE, ETC.

RACE PLANE MECHANIC NEEDED

Someone with airplane building experience to help finish a Reno race plane. We are about 75% done building a twin engine Unlimited Reno racer. You would need to move to, or be willing to travel to, Port Angeles, Washington at least 4 days a week. At least one year's employment guaranteed. Salary negotiable depending upon qualifications. Must be a self-starter who can think on one's own. You will be working under an experienced A&P IA. Some Composite experience preferred. This is an exciting project. Contact: jd_crow@yahoo.com

T-34 MENTOR PARTNERSHIP.

This is a turn-key, established partnership in a very nice Beech T-34. Plane is hangered at Falcon Field. Contact Lynn Miller 602 448-7487 or 602 585-0795 e-mail Lynnmillier777@gmail.com

CESSNA 172'S FOR RENT

Two IFR Cessna 172s for rent at Chandler. Owned by Chapter member Pat McGarry. Contact Chris Hoel for more information and to schedule birdganqft@gmail.com

PLANES FOR SALE

Cessna 170A and two Bonanzas. One is a V35B and the other an S model. All three are hangered at DVT and flying weekly. For contact info EAACHAPTER1217@aol.com

'65 MOONEY

Very clean, 4000TT, 22 hours SMOH, \$41K with new annual, Goodyear hangar, Joe Hobbs joseph.hobbs@cox.net for more information

RV-4 PARTIALLY BUILT KIT

\$13,500 Lycoming O-290-D2 \$3,000 or \$16,000 for both. Bill Refrow 602-843-9862 w7lov@cox.net

LYCOMING O-360 A1A

Engine built up for RV project never completed. Invested \$50,000. Price very firm at \$25,000. Martin Del Giorgio delgiorgiopels@gmail.com

GARMIN GDL39 PORTABLE GPS

ADS-B Receiver with free Weather and Dual-Link Traffic. Battery Pack with extra Battery included. Works with all Apple Products. Brand new in the box, \$400. Ken Roth 602-228-5000, or e-mail: RothDevCor@aol.com

PULSE AUTOCYCLE

FAA got you grounded? Want a fun project that captures the thrill of flying? Jim Bede designed Pulse Autocycle for sale \$22,000., Arizona title and current registration. Curtis 602 710-4494 azskybum@aol.com

CURTISS REED PROPELLER

Model 55511. 82" SAE 1 taper shaft. (Warner, Ranger, Maytag 604) Make me an offer, I want it gone. Patrick McGarry: 602-430-0140

ESTATE SALE

Chapter member Marty Williams has flown west and his family is selling his Zenith 701 kit. Contact his son Keith at 480-998-4873.

OIL COOLER REPAIR AND SALES

Chapter member owned. R & E Cooler Service 800-657-0977 www.oilcoolersvs.com

ANNUALS

Owner Assisted. Jim Moss 520-440-2191 www.northside-aviation.com

FLIGHT INSTRUCTION, ETC.

Fred Gorrell Designated Pilot Examiner: Airplane: Private, Commercial, Instrument, ATP, ME and Lighter than Air: Private and Commercial. 602-942-2255, 602-418-2045, fgorrell2@cox.net

HOMEBUILT AIRCRAFT CERTIFICATION

ABDAR Gary Towner 928-535-3600

ANNUALS, RESTORATIONS, FABRIC WORK

Eloy Airport Julie White 520-466-3442

AIRMEN PHYSICALS

Dr. Henry Givre AME, Chapter member and RV-4 owner. 520-836-8701

MACHINE SHOP

High quality parts fabrication for homebuilts at a reasonable price. David Leverentz 520-898-4321

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EAChapter1217@aol.com

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