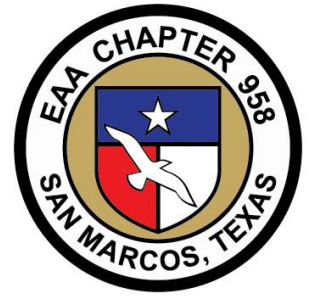


Flightline



EAA Chapter 958 San Marcos, TX
Where every day is a good flying day!

April 2018

Hangar Talk

Monthly Meeting
April 21, 10:00 am
At Redbird Skyport Conference
Room
San Marcos Regional Airport

VMC Culb @ 9:00 am
RedBird Conference Room
Moderated by: Terry Ross

Program:
"Engine Cooling"
Presented by: Steve Dixson

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Hi Everyone,
Whew! What a busy month March was. We had a Young Eagles flight after the March meeting, EAA had its exhibit at SXSW with Clell Bond volunteering from the chapter and several volunteers from the CAF. And of course the Ford Tri-Motor was in town giving passengers a taste of air travel from the 1920s and 30's. Unfortunately the weather didn't cooperate very well and most of the mornings were plagued by potential rain and low ceilings. But all involved still had a good time and the folks from the EAA were great. Our pilot was Bill Sleeper and the ground crew consisted of Jim and Anita Heinzelman from Wisconsin.

We need to thank the CAF for their support and the use of their facilities during the Tri-Motor event. Without their help and support it couldn't have happened. Be sure to let CAF members know we appreciate them.

And speaking of the CAF, the Tri-Motor was sharing the hangar with the CAF's newly acquired C-47 "That's All Brother". It was the lead aircraft in the battle of Normandy". The plane underwent a complete restoration in Wisconsin, and will have a permanent residence in San Marcos. Its currently waiting to get a fresh paint job in the invasion color scheme.

At our monthly meeting Mr. Ronald Panton gave and an insightful presentation on the various officers and the politics involved in the Bombing of Nagasaki helping to end the War in the Pacific. He has graciously offered to do another presentation on the X-15 rocket plane which he has also researched. We will look forward to that presentation as well.

(Cont. Pg 2)

(Hangar talk cont.)



While aiting for ceilings to raise, Jim Heinzelman polishes the ri-otor



One of the passengers just had to get a picture of his new toy along side of the Tri-Motor



Jim Heinzelman briefs the next group of passengers for their Tri-Motor flight



The Tri-Motor shared the hangar with the recently restored C-47 "Thats All Brother"; Lead aircraft of the invasion of Normandy.

New Members

Please welcome the new members Anum Aslam, Mark Pierce, and Bill Davoust to the Chapter. Anum is a student pilot and is currently working on a Rans S-19 Venterra, Mark Pierce is a CFII, and Bill Davoust is a pilot and A&P.

Young Eagles

We have a Young Eagles event occuring after our regular meeting on Saturday (weather permitting) at approximately 11:30. This will include youngsters from a local Boy Scout troop working on their aviation Merit Badges. And next month we are scheduled to fly students from the Air Force Junior ROTC programs in the Byron Steel and San Marcos High Schools.

Many thanks go to John Brecher for leading the chapter's Young Eagles program and to all the Pilots and ground personnel who have volunteered to help build this program. Be sure to pass the word about this opportunity for young people at your local school, church or community organization. Please contact John Brecher if you can assist or pilot: 214-448-2911, or jbrecher@gmail.com

(hangar talk cont.)

Young Eagles Flights 3/17/18



Cowden Ward readies for takoff with an ROTC cadet



Steve leading another group of cadets to the flight line

Chapter Polo Shirts and Tee Shirts

Phillip Steele has chapter polo and tee shirts on order, but they probably will not be here in time for this months meeting. They will be here for the May meeting though. In case you haven't ordered a shirt and still want one please contact Phillip as we do have extras on order just in case. To make sure you are on the list contact Phillip at:

topauger@att.net



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Tales from the Shop

By Stan Timmerman

I am always looking for ways to make my project take longer. This month I will describe my new tool to fix a problem, plus I will give my treatise on finding lost objects.

First my new tool:

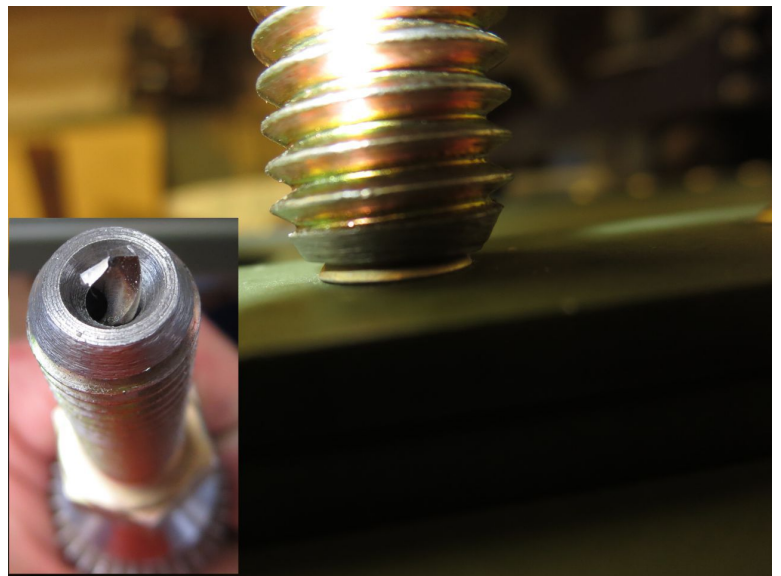


A few days ago John stopped by to check my work. He noted over-sized rivet shop heads. This should be bad news but, he also mentioned that there is a tool for removing rivets. I have never seen the tool in a catalog, but this is what I think it should have looked like.

The washers are used to get the tool at the right depth. I only want to cut into the universal head.

I made the end of the bolt with a chamfer. The way the tool is used is the chamfer is used to align the universal head.

The drill is drawn back into the sleeve -then I centered it – and only then is it lowered into the univerrsal head.





This is my contribution to the idea. I used a counter sink to rip the head off. The picture shows the counter sink in a drill, but the drill is not used. I only needed a handle and the ability to turn the counter sink by hand.

The process has always removed the head without scratching the aluminum. The counter sink has numerous flutes that securely grip.



And I am pleased to announce that I was able to find a use for my brake rotors. My floor is not level, and I need to punch out the rivets without doing damage.

My brake rotor is on a platform of roller wheels. All I needed to do was add a bolt and nut. I now have the perfect anvil out of something I had been tripping over. I would have thrown it out of the garage, but after I painted it last month I could not put it outside no matter how dangerous it had become.

Now, as promised, my treatise on finding stuff.

My garage is messy. I should put away tools but I never do. Consequently things are always missing. Here is my strategy for finding things.

- 1) pick up every object and move it to the other side of the room. (1 hour)
- 2) when that does not work, put every object back to where it was supposed to be in the first place. (15 minutes)
- 3) Never ever put something in your pocket.

I should expound on this point. If you ever did have a habit of putting something in your pockets – your done for – it could be anywhere. The best you can hope for is it went through the laundry. More likely it fell out while you were mowing the grass. Even worse it might have madeit over to Lochart State Park.

If you have followed my suggestion that you never put things in your pocket, then you know it is somewhere in a 40 x 40 x 10 space. This is a manageable problem. It might take 5 hours of searching and you will certainly be unhappy, but there is a point to searching.

Strategy continued:

- 4) Look inside the vacuum cleaner in case you vacuumed it up.
- 5) Vacuum floor.
- 6) Check vacuum again>
- 7) Start checking the third dimension
 1. You have already checked the table tops
 2. You have already checked the floor
 3. That means its somewhere between the table and floor



The picture is a typical example of a lost object. John said I needed to measure my shop heads. All I have to do is find that measurement tool

It fell and got stuck in my car jack.

This happens all the time I once dropped something and it bounced up and it got suspended in a spider web.

Safety Corner

EAA Webinars

| Date | Time | Presentation | Presenter |
|-------------|-------------|---|------------------------------------|
| 4/25/18 | 7 p.m. CDT | Flying with Aerovie EFB Qualifies for FAA WINGS credit. | Bryan Heitman |
| 5/2/18 | 8 p.m. CDT | Where Fuel Meets Air Qualifies for FAA Wings and AMT credit. | Mike Busch |
| 5/9/18 | 7 p.m. CDT | Four Fundamentals of Flight – Breaking it Down to Basics Qualifies for FAA WINGS credit. | Prof. H. Paul Shuch |
| 5/15/18 | 7 p.m. CDT | What Will You Do for an Engine Failure on Takeoff? Qualifies for FAA WINGS credit. | Gordon Penner |
| 5/30/18 | 7 p.m. CDT | Developing the Next Generation of Online Aviation Weather Forecasts Qualifies for FAA WINGS credit. | Jamie Enderlen and Brian Hirsch |

FAA Safety Team

"Aircraft Performance - Thinking Beyond the Numbers"

Tuesday, April 24, 2018 at 19:00 Eastern Daylight Time (16:00 PDT, 17:00 MDT,
18:00 CDT, 13:00 HST, 15:00 AKDT, 16:00 Arizona, 23:00 GMT)

Go to: https://www.faasafety.gov/SPANS/event_details.aspx?eid=82565

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