

Flightline



EAA Chapter 958 San Marcos, TX

February 2021 Issue

Where every day is a good flying day!

!!New Meeting Date and time!!

The February Chapter Meeting has been moved to February 27th at 11:00 am at Hangar C-3 of the San Marcos City Hangars, located two rows behind Gafford Aviation and off the Berry Aviation Pilot lounge parking lot. (Use gate code #126825)

VMC Club

Until further notice, the VMC Club will only meet the second Tuesday of the month at the NewBraunfels (KBAZ) Administration building. For more information contact Terry Ross at: tkedpcross@gmail.com

HANGAR TALK

Russell Ross

BRRRR!! What a week! We hope everyone is staying safe and warm. With the weather forecast indicating frigid weather and possible precipitation through the later part of the week, I have decided to move this months' EAA Chapter 958 meeting to February 27 at 11:00 am. This will allow my hangar to dry out and warm up so we can focus on the presentations, not on trying to stay warm.

As things begin to warm up, our aviation activities will begin to flourish again. Vaccines are becoming available, members projects are moving ahead, the Young Eagles will be starting up again, the "Go Wheels Up" airshow is scheduled for the end of May, AirVenture is on for this year and hopefully things will get back to normal.

I still haven't found out about a visit from the B-17, but I'll keep working on it and perhaps we can get on the queue for either the B-17 or the Ford Tri-Motor once the tours have been decided.

New Treasurer

We have a new Treasurer – Mr. Chris Davis. Please thank him for his service and if you haven't paid your dues yet, I'm sure he'll be ready to take your money. There will probably be a lag in paying by PayPal on our website due to a change in banking institutions so please persevere. And while we're at it, please also thank Steve Sewell for his service as past Treasurer. Thank you, Steve!

Go Wheels Up Airshow

The "Go Wheels Up" is back on for this year but without the co-sponsorship of the AOPA. It should still be an exciting event and hopefully we will be able to have a booth at the show. We'll report more at the meeting.

Chapter Hangar

An article requesting donated or leased hangar space for the chapter has been forwarded to the good folks at TAP for inclusion in their newsletter. Hopefully we'll see results from this. In the meantime, we will continue to pursue funding and options for the establishment of a chapter hangar.

Young Eagles

We're looking at a tentative start in April for the Young Eagles events that will include flights and a Young Eagles workshop. The workshop is completely laid out by the EAA but we will need volunteer instructors to help with the program. See the article below.

Articles, Project Updates and Presenters Needed

We're always looking for things to put in the newsletter and what better way to show off your project than to put some photos and information in the newsletter on it. And if you have flown to interesting places or visited interesting aviation venues please share your experiences with the chapter.

In addition, we're looking for meeting presenters on a variety of aviation related subjects. It can be anything from forming parts from metal or fiberglass, aviation history, aircraft instrumentation, engines, welding, rigging; well you get the idea. Most of us have knowledge and experiences that other members would like to hear about at the meetings.

Submit your newsletter info to: Grant Lannon, glannon@texas.net

If you're interested in being a presenter at a meeting contact me at: rhross44@yahoo.com



Young Eagle Workshops Planned for 2021

We are planning to have Young Eagles workshops this year and will hold them at the CAF Centex Wing hangar here in San Marcos. Each workshop will have up to ten kids, ages 11-17,

supervised by our EAA Chapter members. Following a Day Camp format, the participants will learn about aviation concepts and work on aviation-related projects.

The dates that we are planning to schedule workshops are April 10, and June 12 from 8:30 am to 4:00 pm. Of course, a lot depends on the pandemic and whether or not we are able to meet in a face-to-face setting. If April 10 doesn't work out, we will try again on June 12. We will try to link a Young Eagles flight either a week before, or after the workshop.

Here's a link to the EAA website that will give you a better idea of what the workshops are all about.

<https://www.eaa.org/ea/ea-chapters/ea-chapter-resources/chapter-programs-and-activities/young-eagles-and-youth-activities/ea-young-eagles-workshops>

I have ordered workshop kits from EAA and plan to have them at our February chapter meeting. If you are interested in participating, let me know. My email is davef3500@gmail.com

Dave Falleur

EAA Chapter 958

Young Eagles Co-Coordinator

512-393-9178

Mirage Marathon Project

The Mirage Marathon is a wood framed; composite covered, fixed tri-gear experimental, developed from the original retractable gear "Celerity" designed by Larry Burton in the early 1980's. My project is starting to take shape (kind of) where you can see the fuselage looks like it could be an airplane. I have a long way to go but have started assembling the hinge and control hardware for the elevator and will have most of the fuselage wood construction finished soon.

The fuselage is constructed primarily of $\frac{3}{4}$ " square Spruce stringers forming a truss framework that is reinforced with 1.5mm birch plywood. The wood is glued with FPL-16 (developed by Forest Products Laboratory) epoxy glue which is relatively thin but has a white filler. The glue penetrates wood extremely well and requires at least two coats applied to assure total glue saturation for a solid joint. Overall, the framework is extremely strong and will provide a solid foundation for the foam and fiberglass exterior.



All formers are constructed of Spruce frames reinforced with Birch plywood on each side. Interiors of each former receive three coats of varnish and have pressure relief holes drilled in in each enclosed chamber. All exposed wood will have three coats of varnish prior to enclosure in the fiberglass.



As with most glued structures a sufficient inventory of clamps is critical. A variety of small, medium, large and pipe clamps are required to maintain contact and keep the wood parts aligned while the glue cures.



More later,
Russ