



## SCHAF Newsletter for August, 2022

**Reminder: The next SCHAF Open House will take place Saturday, Aug 13, 2022 from 10am-1pm at Hangar Y-1 Jim Hamilton/LB Owens Airport.**

### Foundation Happenings

I don't know about the rest of you, but this summer seems to be flying past. However, the heat is here to stay! The restoration team is extremely thankful for the huge shop fans and the fridge full of water. Seems like I am emptying the bottle recycle bin every week now instead of once a month! Even though Columbia is sweltering in August, we hope you will still come to the next open house.

The open house in July was a wonderful event. The IPMS/Mid-Carolina Swamp Fox Modelers group set up a display of over 40 models. They handed out several kits and bags of goodies for our young visitors. The group was a big hit and we hope they will come back to another open house. The following pictures are from the IPMS/Mid-Carolina Swamp Fox monthly newsletter.



## GF2 Progress

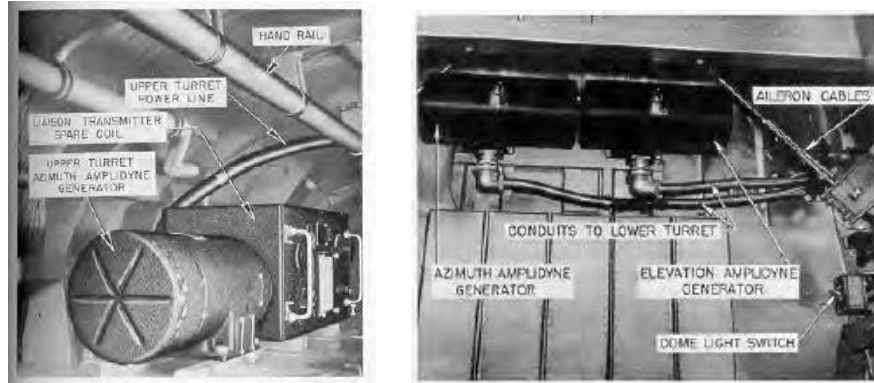
The replica bombs are just about completed. As you can see in the pictures, even small details like the fuse on the nose have been replicated. Eventually, these replica bombs will be hanging in the bomb bay section using original bomb shackles.



I don't know if there is anything quite as exciting in the realm of restoration work as seeing parts hanging after a fresh coat of paint. It means we are so close to the final step after the hard work making the parts. After the primer dries, the final coat of paint will be applied then these pieces of skin will be placed around the plexiglass in the nose of the plane. Ron has been working for weeks and weeks repairing, forming, fitting, and tweaking each one of these pieces to be placed on the nose of GF2. He had the entire nose assembled then took it all apart for the final paint before reassembling. She is going to be beautiful. Since pictures are better than words, the picture on the right shows the disassembled area where these pieces of skin and plexiglass will eventually be reassembled. Come see this great work in person.



The early B-25C and D models had both a bottom turret and an upper turret. Both turrets were powered by generators that supplied the voltage required to drive the motors. There was both an azimuth amplidyne generator and an elevation amplidyne generator. Basically, one turned the guns around in a circle while the other one made the guns move up and down. For the lower turret, the generators were located along the back wall of the bomb bay section. For the upper turret, the amplidyne generator was located on the crawl space over the bomb bay section. The elevation generator was located on the upper turret. The two pictures below showing the generators are from the B25C-D Maintenance Manual.



The restoration team is becoming quite adept at making parts out of all sorts of materials. These three generators are being replicated using PVC pipe, wood caps, electrical wire, aluminum and other various materials. The pictures below show the work in progress of the fabricated generator and mounting bracket located over the bomb bay. The team will eventually make three of these replica parts to be placed in GF2. Stay tuned to next month's newsletter for updates to these parts.





## Birthday Celebration in October

In October 1942, GF2 rolled off the assembly line and into history. Given the tail number, 41-13285, she was sent to Kansas for some additional modifications arriving in Columbia in December of 1942. SCHAF is planning on having a very special open house this October for her 80<sup>th</sup> birthday. Stay tuned for more information as we get closer to that date. It will be here before we know it.



## Book Recommendations

Did you read any good books this summer? I read "Damn Lucky: One Man's Courage During the Bloodiest Military Campaign in Aviation History" by Kevin Maurer. I highly recommend this book about a B-17 pilot. I am currently reading "Woman of No Importance: The Untold Story of the American Spy Who Helped Win World War II" by Sonia Purnell. Very interesting book about Virginia Hall.

Send us any of your recommendations to be added in a future newsletter.

## Wrap Up

If you have something you would like to share in a future newsletter or if you have any questions, please send an email directly to SCHAF at [info.schaf@gmail.com](mailto:info.schaf@gmail.com).

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