



EAGLE



**Estrella Warbirds Museum
Woodland Auto Display
Remembering The Past/
Inspiring The Future**

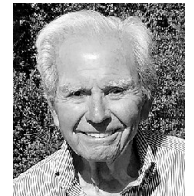
Volume 30 Number 2 February , 2020



WARBIRDS WINGS AND WHEELS CR.?

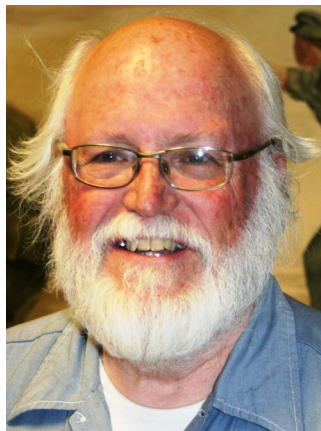
REMEMBER CHARLIE HARBER 1920—2019

Twenty years at EWM. I remember Charlie because he remembered me after I misspelled his name on his birthday. Well aimed “yanking the chain” with a grin and a hardy HI, Steve.. Every time. He knew his stuff and applied it each day in restoration. People like this are rare, especially today. He always had more to give. His legacy sets the example in how to do the real stuff in life. Truly, he was a wealthy man. *The Editor*



Prez Says President Rob Kinnear

There was a significant shift in our organization this January. We hired our first full time employee **Scott Stelzle** as the Museum’s Chief Operations Officer. Scott has been a member of the Board of Directors for eight years and as well as being the Vice President for a number of them, he has been instrumental in many of the projects here. The Board has known for some time that for us to grow, we needed someone dedicated to coordinating our departments, insure we have the funding to keep our doors open and develop our new lease. Please join with me in welcoming Scott to his challenging new position and work with him.



Continued on page 4



A big “THANK YOU!” to Tony Lem who, behind the scenes, donates and replaces EWM’s POW/MIA flag whenever it becomes tattered.



ESTRELLA WARBIRDS MUSEUM

WOODLAND AUTO DISPLAY

Rob Kinnear-President

OPEN-Vice President,

Cindy Bergin—Treasurer

Carol Verstuyft - Secretary

Directors

Ron Brooks

Bob Burgess

Margi Bauer

Dennis Johansen

Bill Lander

Toni Moore

Staff

Margi Bauer — Volunteer Program

Ron Boyte— Vehicle Restoration

Ron Brooks - Buildings Maintenance

John Everett — Parade

Jason Holland— Asst. Museum Coordinator

Jerry Jones—Museum Coordinator

Bob Kelly—Membership

Mike Kelley—Tech

Rob Kinnear — Aircraft Restoration

Bill Lander — Grounds Maintenance

Steve Lochen—**Newsletter**

John Madden — Safety

George Marrett—Guest Speaker Coord.

Ken Neuman — Hall Rental Coord.

Marcia Rice—Library

Scott Stelzle — C.O.O.

John Spooner—PIO

Dr. Jill Thayer—Curator

Carol Verstuyft—Advertising

Peter Visel—Webmaster



**Monthly Meeting/Dinner
Thomson Hall
February 5, 2020 \$20.00**

5:30 Social/6:30 Dinner

At The Door or Phone 805-295-1935

Online: ewarbirds.org drop down to Dinner Res.

**Roast Pork Loin
Mashed Potatoes and Gravy
Salad
Vegetables
Cup Cakes For Dessert!**

***George Marrett Presents*
Barbara Shultz .. After Dinner**



Barbara Shultz



Celebrated aviation author and world traveler Barbara Shultz graces Thomson Hall on February 5 with tales of travel, romance and Aircraft restoration?! Look forward to sharing her headlong charge into recreational aviation and especially her knowledge about Emilia Earhart and aviation from the female perspective. She is also a contributor to the American Aviation Historical Society Journal and participant in several aviation documentaries as well as a former Trustee for the 99s Museum of Women Pilots in Oklahoma City.

From EWM Library: Today's Quiz.....

THE X-15 INTO THE THRESHOLD OF SPACE



1. The X-15 air frame was developed in 1956 by:
 - a. McDonald Douglas
 - b. Boeing
 - c. North American
2. The engines for the initial X-15 were:
 - a. Rocket Engines
 - b. Ram Jet
 - c. German experimental "super Jet"
3. The X-15 was always intended to be dropped from another aircraft: was it
 - a. The B-36
 - b. The B-52
 - c. The new Boeing 707
4. A manned aircraft speed and altitude record of Mach 6.7 at 102,000 feet was set by the X-15 in 1967: when was that record broken?
 - a. 1972
 - b. never
 - c. by the first shuttle launch
5. Neil Armsrtong was a member of NASA's X-15 flight program
True or False
6. The X-15 had to jettison the bottom half of the lower vertical fin in order for the landing skids to act True or False
7. Scott Crossfield, Bob White, Chuck Yeager: who did not fly the X-15?
8. The X-15 program developed bench mark data on high speed,high altitude effects on humans which paved the way for the manned space program. Were pilots of the X-15 included in the astronaut program?
Yes No
9. For Flight outside the atmosphere, the X-15 was controlled by:
 - a. Hydrogen Peroxide thrusters
 - b. CO2 cannisters
 - c. liquid nitrogen jets
10. The rocket engines of the X-15 could fire for a maximum of:
 - a. 180 seconds
 - b. 60 seconds
 - c. 80 seconds



Answers on back page

PREZ SEZ

CONT FROM PAGE 1

With Scott taking this position we now have a vacant seat on the Board of Directors.

At the same time we had another Director, Charles Rooks, resign because he moved away from the area.

If you are interested in being on the Board, please contact us so that the Nomination committee can talk with you. Exact date of the election is to be determined.

Despite cold and rainy weather, and a road still being worked on January has been a good attendance month. The majority of our visitors are from other parts of the state and the world at large. ‘

We are beginning the setup for our May Warbirds Wings & Wheels event. We are also looking at other possible events to be held in 2020. year. None of this can happen without membership participation. More information coming soon. Don't forget we do **rent out our facilities** for other events. Go meet Ken Neuman in Hangar 1.

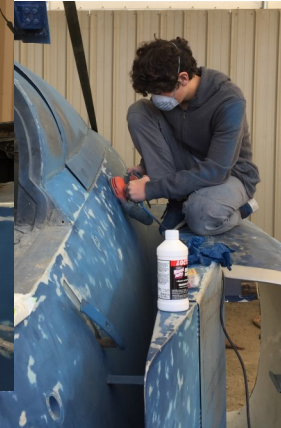
If you are not volunteering, we can always use more hands to help us grow the Museum. If you are volunteering, bring a friend. As always, come out and join the fun with us.

Rob Kinnear

Aviation Club Working Hard Phantom II Interactive Exhibit



Manuel Cавero



PASO ROBLES AVIATION CLUB/CREW WORKS TO STRIP CLEAN, RESTORE AND PAINT UP THE BLUE ANGLE F-4 PHANTOM II COCKPIT WHICH, WHEN READY, WILL BE TOWED ON ITS TRAILER IN PARADES, PLACED AT COMMUNITY EVENTS AND EXHIBITED AT THE ESTRELLA WARBIRDS MUSEUM FOR INTERACTIVE DISPLAY. **BRAD EATON** HEADS UP THE EFFORT. HE IS BASED RIGHT HERE AT ESTRELLA. See back page.

Paso Robles Aviation Club members gather on a Saturday to scrape the Phantom: Top Row L-R Hari Rajah, Olivia Wells, Luran Corippo, Jesus Ochoa, Luke Marion, Jake Stelzle, Andres Fuseuler, Wyatt Hunt. Bottom Row L-R Luis Murio, Manuel Cавero, Erich Harding



More in Restoration Corner

RESTORATION CORNER

OV-10, Humvee, F-4 Cockpit

Restoration has been at it full tilt since the arrival of our Humvee, the props for the OV-10 and the new and challenging restoration of the Blue Angle F-4. The Phantom preliminary work is being done by the Paso Robles Aviation Club mentored by Brad Eaton.

Soon the Humvee will be outfitted in Marine colors as used in Operation Desert Storm. A gun ring/tub will be added and sometime soon it will be ready for the Pioneer Day parade, July 4th, Veterans Day, etc.. This will be a spectacular addition to our rolling stock inventory.

The OV-10 Bronco is sanded down and ready for Dr. Johansen to apply skin care products to all exposed surfaces and finish/detail the Plexiglas cockpit canopy.

The buildings need care, the engine exhibits need protection from the elements. Ron Brooks and Mike Kelley are seeing to that.

Adds up to another year of growth and good publicity.



Blue Angles F-4 is taking a scraping from Paso Robles Aviation Club. It sports its own trailer for parades and interactive use at the Museum



Humvee in Its "Before" stage



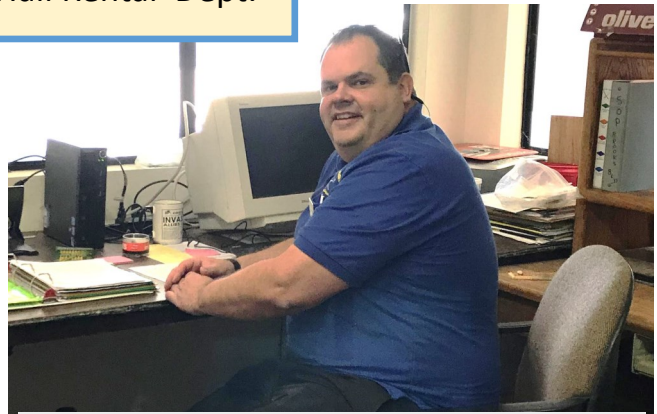
Dennis Johansen works on the prop hubs/spinners for the OV-10 Bronco.. Eventually the paint livery will match Marine specifications for aviation units in Operation Desert Storm.



Tom DuVaul sands the OV-10 up top. This sanding is a delicate operation as the fine silica sand covers only a few fractions of an inch with each short pass.

Welcome Mr. Ken Neuman New "O-3" in the Hall Rental Dept.

Happy New Year! We have big things afoot in Hangar 1. Besides the huge American Flag we now have hanging in Hangar 1 donated by Toni Moore, we will be conducting our **first wedding ceremony at Hangar 1 this year!** On March 14th John Nicolds and Jennifer Loewen will be getting married in front of Hangar 1 followed by their reception inside immediately following. This event will help promote not only the Museum but also the different kinds of events we can accommodate at our unique venue right here in Paso Robles! Yes, big things are in store for our rental facilities and the museum in 2020! Ken, "This could be the beginning of a beautiful friendship ". Welcome to EWM/WAD Ken!



Mr. Ken Neuman at his duty station in the "Tactical Operations Center", Estrella Warbirds Museum, Woodland Auto Display.

Duckpond Happenings.....



Dick Woodland hosted a gathering of Kearney Bowl Racetrack Group from Fresno, CA. You have seen the sign and the photos in the Woodland Auto Display.

Photos Ed Hughes



Lee Osborn, one of our Woodland Auto Display docents, built this amazing cut-away engine "teaching tool" and donated it to the WAD. He did a fantastic job of machining and fabricating a Crosley engine, in which he utilized one of the 4 cylinders, machined openings and covered them with Plexiglas covers etc. so you can see the various engine parts going through the 4 cycles by turning a hand crank. He even converted the distributor and the spark plug to light a small light that replicates the ignition/spark plug firing. This display is designed to show/teach people how a 4 cycle engine operates and is a fantastic hands-on teaching tool which will be enjoyed by young and old alike.

Thanks again Lee for this fantastic addition.

Dick & Claudia Woodland

NOW HEAR THIS!



California bumped up its presidential primary election this year, which means sample ballots will be sent out in less than three weeks (late January) In addition to picking a presidential candidate for November, you'll be making big decisions about the future of San Luis Obispo County. (From SLO Tribune).

From local election board member Joan Burges: "I'm writing to ask you to include information in the next newsletter about serving on the election at the upcoming primary on March 3.

We need people to work 4 to 6 hours on that date. It would benefit the museum monetarily. The county/state requires a brief class in February on the work we are to do. I don't have the schedule, yet, but would impart that information as soon as it is available."

Please ask **interested persons to contact me at 805-237-1030 (answer machine if I don't answer, please) or pasojan@gmail.com. I would need their phone, email and street address to sign them up!**

Thanks to both of you for adding this request to the next newsletter."

Joan Burgess

that is all



CURATOR FINDS

Jill Thayer, Ph.D.

After a day-long installation, our American flag is now proudly displayed in Hangar One. Thanks to Ron Brooks, EWM Board Member and Bldg. Maintenance Manager, and Ken Neuman, Hall Rental Coordinator on a very tall lift; to **The Blueprinter** for donating the grommets; and **Toni Moore and Tony Lem** for the **flag** donation. This was on the curator's wish list for a few years, but well worth the wait. Photos Dr. Jill Thayer



Ron Brooks



Beautiful!

Estrella Warbirds Museum
Woodland Auto Display
4251 Dry Creek Road
Paso Robles, CA 93446
805-238-9317
Thursday—Sunday
10am till 4pm



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Help Us Grow! Wish List...

The museum is rapidly expanding facilities and acquiring new displays. Please keep us in mind with any items of value that we may sell to support our ongoing efforts as stewards of military aviation history. Tools, equipment, or vehicles that may be used or sold are especially needed to help museum personnel function efficiently. Thank you for your support and considering our Wish List...

- 1- Street sweeper machine
- 2- Small utility tractor with attachments
- 3- Large volume spray rig for weed control
- 4- UTV aka. Side-by-side with truck bed
- 5- Reliable and fully functional fork lift
- 6- Hydraulic dump trailer
- 7 - 3/4 - one ton diesel pick up truck

For Information contact **Scott Stelzle, COO** at:

scottstelzle@ewarbirds.org.



HAVE AN INTEREST IN AVIATION?
LIKE AIRPLANES?
LIKE MECHANICS, PHYSICS, ENGINES?
STILL IN HIGH SCHOOL?
CHECK OUT:
PASO ROBLES/TEMPLETON
AVIATION CLUB
CALL BRAD EATON
ESTRELLA WARBIRDS MUSEUM
805-550-8755

Answers: 1-c,2-a, 3-b, 4-b, 5 true, 6 true, 7 Chuck Yeager, 8-a, 9-a, and 10 -