

# EAGLE

ESTRELLA WARBIRDS MUSEUM/  
WOODLAND AUTO DISPLAY  
PASO ROBLES, CA 93446



Remembering The Past/  
Inspiring The Future

Vol 29 No. 3 March 2021

## Prez Sez President Rob Kinnear

There is light at the end of the tunnel! With the lifting of the stay at home order, we are seeing visitors return to the Museum (122 visitors on February 13!) We still have a lot to work through, with revenues being limited. We are watching every penny to get through this pandemic, and we will make it. In addition to visitors coming back, we have attracted a few new, motivated volunteers. The March 2021 dinner meeting looks like a good one too.

We also survived the major storm that came though with only a few problems. Scott Stelzle, Ron Brooks and crew did an excellent job of preparing the Museum for the high winds and heavy rain in the forecast. The one significant problem: a sump pump hose ruptured, allowing rainwater to enter Hangar 1. It appears as though permanent damage is avoided. Scott has put into place a more fool-proof arrangement to prevent this from happening anytime in the future.

Dr. Jill Thayer is still putting out new acquisitions to display. Mask up and come out



Remember the 3rd Wednesday of the month is our Board meeting. All members are welcome to join us on Wednesday March 17, 2021 at 6 pm in Thomson Hall. You can also attend electronically.

The Museum is a safe and fun place to visit and volunteer. We are working hard to keep it that way. Volunteer when you can. Be safe, be well and have fun. –Rob Kinnear



**Happy St. Patrick's Day!**

ESTRELLA WARBIRDS MUSEUM/  
WOODLAND AUTO DISPLAY

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**Scheduled For Wednesday, March 3, 2021:  
Monthly Dinner/Meeting. Make Reservations Now!  
Social 5:30pm, Dinner 6:30pm \$20.00**

**MENU\*\***

Corned Beef & Cabbage

Mashed Potatoes

Salad

Desert

\*\*As of this writing the Meeting/Dinner is on for March 3, 2021. In this time of Covid, that could change. Stay tuned to [ewarbirds.org](http://ewarbirds.org) for the latest. Or, call Ken Neuman at 805-238-9317



**Estrella members George Marrett and Dennis Johansen Present:**

The Program: Present and review our Government's on-going efforts to ID and recover lost Service Men and Women incurred in the Viet Nam War.

Vietnam combat veterans Dennis Johansen and George Marrett will talk about the present DPAA (Defense POW/MIA Account Agency), formerly JTF-FA (Joint Task Force-Full Accounting), office in Hawaii, tasked with finding and identifying military service members lost in all wars.

Dennis recently visited the recovery facility and will discuss their status and the cases they have on review.

George will talk about Bat Masterson and Clint Ward both A-1 Skyraider pilots who he flew with him in the 602<sup>nd</sup> Fighter Squadron in 1968-1969. Both pilots crashed in Vietnam and Marrett will discuss the effort the US Air Force made to find their crash sites, identify aircraft parts and human remains. In closing, George Marrett will discuss the memorial service held for Clint Ward, 50 years after his death.

**DISPATCH FROM  
KEN NEUMAN:**

Team, we will be having CPR training on Saturday, 2/27/21 from 8:00AM-12:00PM in Thomson Hall. If you need training or need to be recertified, this is a great opportunity to do it. It is only \$25. to attend. Please register on the sign up sheet on Ken's office door or email me back and say you would like to attend. Payments will be in cash or check (made out to Saavaheart). Thanks for your interest and stay safe. -Ken Neuman  
[KenNeuman@ewarbirds.org](mailto:KenNeuman@ewarbirds.org)



**Reservations:**

Phone: 805-296-1935

On Line: [ewarbirds.org](http://ewarbirds.org) Drop Down  
To Dinner Reservations

# Restoration Corner

## F-5, Corsair



Ken Trefftz paints top of Corsair's starboard wing



Ken applies primer to top of wing structure on the A-7 Corsair



Paul, Carl and Mike team up for the top side of F-5 fuselage. Red Star on tail signifies this F-5 as the "Aggressor", or Enemy in real time fighter pilot training exercises. The F-5 was replaced in the USAF inventory by the F-16 Fighting Falcon.



Carl Robbins, Mike Brophy and Mr. DePriest, with the help of back saving mattresses and old luggage (?) tickle (sand) the Freedom Fighter in preparation for painting.



"Before" shot



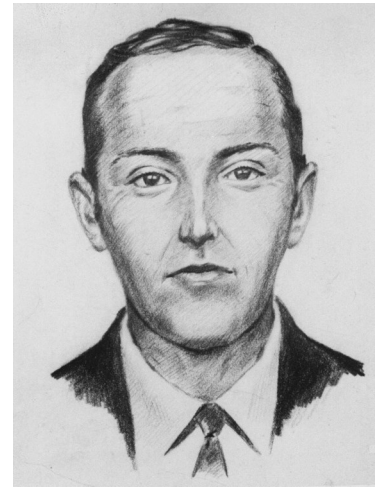
New "Resto" Elliot DePriest uses hand sander and a new Serta mattress to sand down underbelly of F-5 Freedom Fighter.

The F-5 looks badass now. However, when Restoration completes its work, it will look Factory New in camo livery. Another showpiece. Weather will have to cooperate. Why not lend a hand with sanding and schlepping....Two of the most important jobs in the Restoration Process.....Mondays, Wednesdays and Saturdays. Just show up at the hangar. Warning: It can be "addictive".

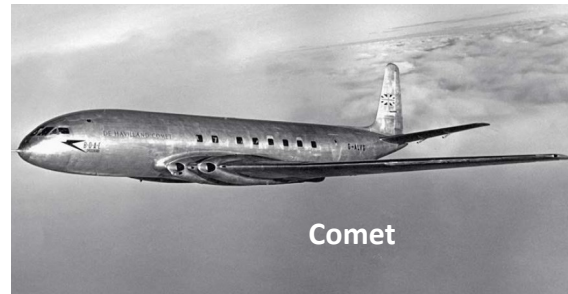
## LIBRARY QUIZ

## INCEDENTS IN THE AIR : CAUSE/RESULT

1. The **USS Macon ( 1935 ) and the USS Shenandoah ( 1925 )**; rigid airships, were lost to wind shear generated by thunderstorms. This resulted in:
  - a. The abandonment of the airship by the US Navy.
  - b. The limitation of airships to clear weather flying.
  - c. The shift to 'heavier than air' for military and commercial uses.
2. In 1971 a daring hijacker, **D.B. Cooper** held up a United 727 and demanded \$200,000. He left the aircraft in flight, using the back stairs of the aircraft. He was never found, however this resulted in:
  - a. All 727's being retrofitted with a "rear stairs off " switch in the cockpit.
  - b. All new 727's made without a back stair.
  - c. Pistol packing flight attendants.
  - d. A spring loaded air activated vane which prevented the stairs from being lowered in flight.
3. In 2013, Asiana Flight 214, on approach to San Francisco, crashed into the sea wall immediately in front of the runway. It was determined that:
  - a. The autopilot had failed
  - b. The aircraft had experienced severe head winds.
  - c. No one in the flight crew had been monitoring the approach.
4. In 1956, a mid-air crash between a United DC-7 and a TWA L1049 occurred over the Grand Canyon. This was, at the time, uncontrolled air space. This brought attention to the antiquated state of American air traffic control and:
  - a. Caused the formation of the NTSB.
  - b. Resulted in the formation of the FAA.
  - c. Resulted in a No Fly zone over the Grand Canyon.
5. Avianca Flight 52 from Bogota to Kennedy International in 1990 crashed into a hillside. The aircraft was determined to have run out of fuel.
  - a. New York center was instructed to inquire if aircraft had sufficient fuel to land.
  - b. Pilots were instructed to declare an emergency before the situation became critical.
  - c. International flights were required to carry larger fuel reserves.
6. The **Boeing 737 Max** experienced two failures resulting in 346 fatalities in 2018, 2019. The fault was a software fix for the change in center of gravity, caused by the addition of larger engines. The critical attitude was detected by only one angle of attack sensor.
  - a. Boeing added another angle of attack sensor in its retrofit.
  - b. Pilots were given training in the new "software package".
  - c. Boeing promised not to do this again.
  - d. All of the above.
7. The **Hindenburg**, a German rigid airship, caught fire on its landing in Lakehurst NJ on May 6, 1937, resulting in the world's first filmed aviation disaster. The cause remains controversial, however the airship was filled with explosive hydrogen instead of Helium. The consequences of this public tragedy were:
  - a. Flying in thunderstorms was ( again ) prohibited.
  - b. The public lost all confidence in airship travel.
  - c. The Germans immediately switched to Helium.



Continued on page 5

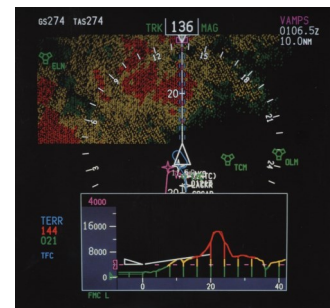


8. The British built **de Havilland Comet** was the world's first commercial jet airliner with service starting in 1959. However, three aircraft were lost in the first year to in-flight break up. The cause was identified as:
- a. Severe high altitude winds (unknown at that time).
  - b. The square shape of the windows contributed to explosive decompression.
  - c. Metal fatigue in the wing structure around the in-place engines.

9. **CFIT ( Controlled Flight Into Terrain)** was a leading cause of up to one accident a month for commercial aircraft in the '60s and '70s: True or False

10. To help reduce **CFIT** accidents, a Canadian engineer, C.P. Bateman, working for Honeywell, developed an on-board system called:
- a. Terrain Avoidance Telemetry System (TATS)
  - b. Ground Proximity Warning System (GWPS)
  - c. Height Monitoring System (HMS)

Answers on page 6



## DISPATCH FROM THE DUCKPOND. . .

By Dick Woodland

The Woodland Auto Display race team was on the road the week of January 11 through 16, for 6-nights of racing in Tulsa, Oklahoma at the "Chili Bowl". Over 300 entries including NASCAR stars Chase Elliott, Ryan Newman, Chase Briscoe, not to mention Christopher Bell and Kyle Larson, were on hand. We also had Indy drivers, World of Outlaw stars as well as national caliber Sprint and Midget racers. This event is the Super Bowl of midget racing and always fun to compete with friends from all over the country. While we had our moments of encouragement, we had electrical issues the first night and were never able to totally overcome the setback. The good news was that we made a lot of new friends in Tulsa and we did receive a significant amount of national TV coverage, which helps with our overall awareness. -Claudia & Dick Woodland



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**Estrella Warbirds Museum**

**Woodland Auto Display**

**4251 Dry Creek Road**

**Paso Robles, CA 93446**

**805-238-9317**

**Thursday—Sunday**

**10am till 4pm**



Estrella Warbirds Museum is accepting donations for a seat on a once a month flight on board the restored [C-47B, Betsy's Biscuit Bomber](#). The donation to the museum is \$150 per person, and must be purchased in advance. Flights will be offered on the third Saturday of each month beginning February 20, 2021. This is the same aircraft that returned to Europe two years ago, along with a fleet of C-47's, as part of the 75th Anniversary of the Normandy Invasion. This is your opportunity to make a donation and take the flight of a lifetime! Contact Ken Neuman at 805 238-9317 On Line: <https://www.ewarbirds.org/museum/c47flight.shtml#resvr>

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

**New "Connie" on Display at Woodland:**

1956 Lincoln Continental just rolled into the fold and is available for Gawking. Check it out at Woodland Auto Display.

