



The Outer Marker

Volume 17 Issue 11

Bonnie Gottschalk - Editor



*Happy
Thanksgiving*

*Just Had To Share
WKRP Turkey Drop*

[WKRP Turkey Drop](#)



President: Michael (Mike) Bodine

Vice President: Wes Toland

Secretary: Bill Rudd

Treasurer: Kathleen Wollen

Young Eagles Coordinators:

Linton & Kathleen Wollen

Technical Counselor:

Egisto (Fred) Salvatori

Newsletter Editor: Bonnie Gottschalk

Webpage Editor: Mike Smith

Facebook Editor: Deb Toland

2020

“Important Dates”

General Meeting

November 13th

8:30 AM

Gateway EAA Chapter 1401

Merced Regional Airport

HANGAR 10

Board Meeting

December 2nd

7:00 PM

Mike Bodine

2519 Sea Breeze Ct.

Merced, CA



Bonnie Gottschalk
Editor

Hello Flight Enthusiasts!

We flew another Young Eagle (8) for the first time this month. He really enjoyed it. Got to control the plane once we were airborne for a bit. Flew over his house too. Unfortunately, while we were circling around trying to find it, he got a bit of an upset tummy. Happened just before we landed so that worked out well. He wasn't too bad though because he was running and playing soon after we landed.

Last newsletter I told you John received thank you notes from a couple of brothers who dropped them off at our music store a few days later. He brought them home after I sent the newsletter out, so I have posted them under the schedule.

Planning a flight to Vegas this month. Hopefully, the weather will cooperate. Flying John's dad, CK to meet up with his half sister who John has not seen since he was fourteen. I have not had the pleasure of meeting her yet so should be a good time. Their other siblings will be joining us there for a family reunion along with her two daughters. Plans are to take in the Michael Jackson Cirque So Le show. Praying for clear skies!

Tim Wennberg will present information on the new types of batteries available with the problems and advantages of each type. New light weight batteries for experimental aircraft are available at the General Meeting.

Ken Bogle did an excellent job of presenting Merced Police Department Drones and answering all the groups questions. Thank You Ken!

Don't forget to sign up for our annual Christmas Party! Bringing an unwrapped toy to donate is optional. Until then, I pray God blesses you all with good health, prosperity and clear blue skies!

Bonnie

President's Proclamation



Mike Bodine

November 13, 2021 Gateway EAA Chapter 1401

General Meeting

November 13, 2021

8:30 AM

EAA hangar 10

The meeting highlights will be the election of President and Secretary with a presentation from Tim Wennberg, on the new types of aircraft batteries.

Remember the December EAA general meeting will be our annual Christmas Party. The meeting will be at the airport. Also remember to bring your unwrapped gifts for kids.

Mike Bodine

2021 Gateway EAA

Tentative Meeting Schedule

Board Meetings	General Meetings	Meeting Location	Meeting Agenda and Activity
Nov 4	Nov 13	EAA Hangar 10	Aircraft Display and Social
Dec 2	Dec 11	EAA Hangar 10	Chapter Christmas party

Dear Mr. Gottschalk

Thank you for taking us up in the plane. Steering the plane was especially fun. I wish we could have stayed up there longer. It was so weird seeing everything from up high. Even the UC was small, and that place is huge! Thanks again for taking me up there.

Sincerely,
Legan H

4-22-21

Dear Mr. Gottschalk

Thank you for driving us on a airplane. The view was amazing! Now because of you, I would like to become a pilot. You gave me an experience I never had. I look forward to seeing you again. Bye!!

From
London Hillhouse

Chapter Events

[Click blue hyperlinks to see webpages](#)

Merced Police Department: Drones



Ken
Bogle



Batteries
Time: 27 min.
Distance: 1 mile
Life: 3 years









Background

- City Council approved resolution 2017-57 authorizing the use of Unmanned Aircraft Systems in the city limits.
- MPD goal to utilize sUAS to enhance our mission of protecting lives and property...
- 5 Certified Pilots with 2 additions
- MPD requires to be Part 107 certified, have 20 hours of flight time, pass night test along with continuous flight time to maintain status.



sUAS Criteria

- What is a sUAS
 - Drones that weigh less than 55 lbs., including everything that is onboard or otherwise attached to the aircraft.
 - Operated w/o possibility of direct human intervention from within or on the aircraft (autonomously)

Drones

- What PD has:
 - Phantom 4 Pro (x4)
 - Mavic Mini (x4)
 - Inspire 1 V2
- Seeking
 - Mavic 2 Enterprise
- Next level Drones
 - US-1 Drone (No Longer Made)
 - Autel Dragonfish



Eligibility to be a Drone Pilot

- Eligibility
 - At least 16 years old
 - Read, write and speak English language (some exceptions made)
 - Be in physical and mental condition
 - Fulfill Testing and Requirements



Who is Eligible

sUAS Drone Pilot License

- Remote Pilot Certificate (known as Part 107 certification) is FAA's sUAS Rule to demonstrate understanding of regulations, operating requirements and procedures for safely flying drones.
- By passing the Part 107 Knowledge Test you can obtain a Drone License
- Two types: Commercial or Recreational

Registration of sUAS

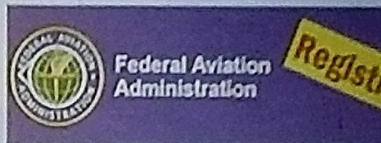
- If operating a sUAS for business or under part 107 (commercial), the drone must be registered.
- Drones flying between .55 lbs and 55 lbs need to be registered with the FAA
- If under .55 lbs and flown exclusively under the exception for recreational flyers, then does not need to be registered
- Drones registered under part 107 can be flown for both commercial and recreational but if registered under Recreational then can only be flown for recreational and not for commercial

Part 107 Exclusions

- 14 CFR part 107 does not apply to the following items or operations:
 - Limited recreational operations of UAS that occur in accordance with 49 U.S.C. 44809 guidelines
 - Amateur rockets
 - Moored balloons or unmanned free balloons
 - Kites
 - Operations conducted outside the US
 - Public aircraft operations (An operator or Gov. entity conducting a Public Aircraft Operation (PAO) has the option to operate wholly under part 107 if all part 107 requirements are met)
 - Air carrier operations

Registration of sUAS

- Markings on Drone to have:
 - ID number (Reg Number)
 - Located on the outside of the Drone
 - Legible and durable (engraving, permanent marker or self-adhesive label)



Crew Members & Roles

- Remote PIC (Pilot in Command)
 - Person who holds a current remote pilot cert w/ sUAS rating & has final authority and responsibility for the operation and the safety of the sUAS
- Visual Observer
 - Person acting as a flight crewmember to help see and avoid air traffic or other objects in the sky, overhead or on the ground
- The Person Manipulating The Controls
 - Person controlling the sUAS under direct supervision of the Remote PIC
- FAA requires to scan airspace in operational area for potential hazards
- Maintain awareness of the position of the sUAS

5 Hazardous Attitudes

Hazardous Attitudes	How to resolve
Anti-authority: "Don't tell me what to do"	Follow the rules and they are usually right
Impulsivity: "Do it quickly"	Not so fast, think first
Invulnerability: "It won't happen to me"	It could happen to me
Machismo: "I can do it, I'll show you"	Taking chances is foolish
Resignation: "What's the use, believes actions don't make a difference in what happens"	I'm not helpless, I can make a difference

Flight Checklist

- Documentation is key
 - Repairs, maintenance, flight hours, battery life
- Don't rush and make sure all functions work
 - Battery malfunction
 - Fly-away
- Effects of Weather
 - Wind currents
 - Hot/Cold
 - Visibility
- Responsibility and safety of the flight is the pilot's

Things to Know

- Station visibility should be no less than 3 statute miles
- 500 feet below and 2,000 feet horizontally from clouds
- Visual Line of Sight on the Aircraft to be maintained
 - Waivers and visual observers
- Max speed no faster than a ground speed of 87 knots (100 mph)
- Height of a drone can't be flown above 400 ft above ground level.
 - Unless flown within 400 ft radius of a structure & is not flown higher than 400 ft above the structure's immediate uppermost limit.

Night Operations

- Prior you needed a waiver approved by the FAA
- Now allowed provided that:
 - Drone License prior to 2021 must complete Updated Initial Test or Updated recurrent online test training.
- The aircraft must be equipped with anti-collision lights that can be seen for three statute miles and have a flash rate sufficient to avoid a collision.

History of Veterans Day

Office of Public and Intergovernmental Affairs

Veterans ★ Day ★

Thank you for your courage,
dedication, and hard work.
And thanks to the military
families for their support,
resilience, and sacrifice.





MCE - N2B - 2018 Gulfstream G650 (Photograph)

Kwiatkowski, Jon

Oct 27, 2021, 6:53 AM

All,

Yesterday's visitor to the Merced – Yosemite Regional Airport. The Gulfstream G650. Tail number; N2E Callsign; "ForeFlight 641"

(ForeFlight: ForeFlight's Call Sign program allows you to receive a unique "FFL" identifier with which you can file flight plans in place of your aircraft's tail number. ForeFlight call signs are available for all ForeFlight Performance customers. Filing with a call sign is an easy way to add a layer of privacy that would not be possible when filing with your tail number. Using a call sign prevents others from seeing your aircraft's actual registration as part of your ADS-B Out transmission, and also prevents anyone from easily finding your aircraft using flight tracking services like FlightAware. And if you have blocked your aircraft's tail number at the FAA level, a call sign allows you to still track your flights using those services, while making them difficult to track for others. "ForeFlight – A Boeing Company".) N2E was photographed departing MCE, RWY 30. Headed to Fresno, (to "pick up lunch" and returned to MCE approximately one hour later). Owner: WILMINGTON TRUST CO TRUSTEE

https://en.wikipedia.org/wiki/Wilmington_Trust

(Wilmington Trust is one of the largest holders of fiduciary assets in the United States) (On May 3, 2018, top executives of Wilmington Trust were found guilty by the United States Department of Justice for falsifying bank records. The four executives received "three- to six-year prison terms. But I digress.)

The Gulfstream G650 is a large business jet produced by Gulfstream Aerospace. The model is designated Gulfstream GVI in its type certificate and may be configured to carry from 11 to 18 passengers. Gulfstream began the G650 program in 2005 and revealed it to the public in 2008. The G650 was formerly the company's largest and fastest business jet with a top speed of Mach 0.925, having been surpassed by the larger G700.

The G650 has a cruise speed of Mach 0.85 to 0.90, with maximum speed of Mach 0.925 and a range of up to 7,000 nmi. It can be equipped with a full kitchen and bar and may be equipped with a variety of entertainment features

including satellite telephones and wireless Internet. The jet uses two Rolls-Royce BR725 engines, each producing a maximum thrust of 17,000 pounds-force (75.6 kN). Gulfstream states that with a weight of less than 100,000 pounds, it is able to land at small airports avoiding the busy airports around the world. It can cruise at 51,000 ft, in order to avoid airline-traffic congestion and adverse weather. The G650 can make it non-stop from New York to LA in 5 hours or less. 436 were built as of Dec 2020. While the list price for a new G650 is \$65 million, used aircraft are currently listed starting at \$39 million. The average hourly rental rate of the Gulfstream G650 is around 11,400 USD per hour.

CHEERS!



Jon Kwiatkowski
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“How people treat you is their karma; how you react is yours.” -Wayne W. Dyer



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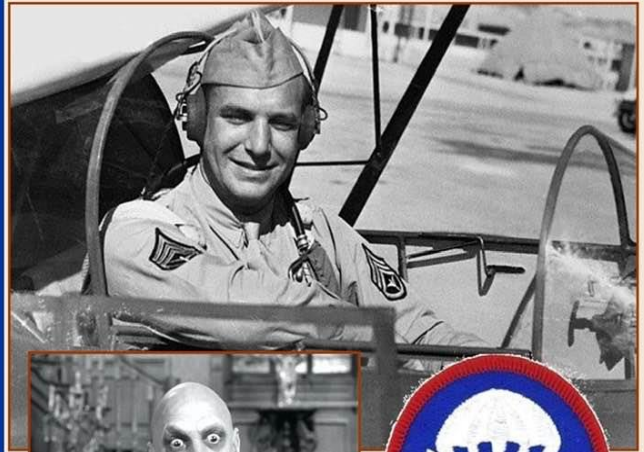
Only 275 Since Factory New IO390 Engine.
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Leather Interior, New Paint. Fresh Annual

I'm Selling it because it was purchased without Proper consent of
Loving Wife. Apparently, "Do whatever the F*** you want" doesn't
mean what I thought.

Call Scott 713-555-1212

26 OCTOBER 1914 MILITARY BIRTHDAY

UNCLE FESTER
(JACKIE COOGAN)
WW2 GLIDER PILOT



WHO KNEW?



A BIT OF HISTORY

[Click blue hyperlinks to see webpages](#)

Black Hawk Down

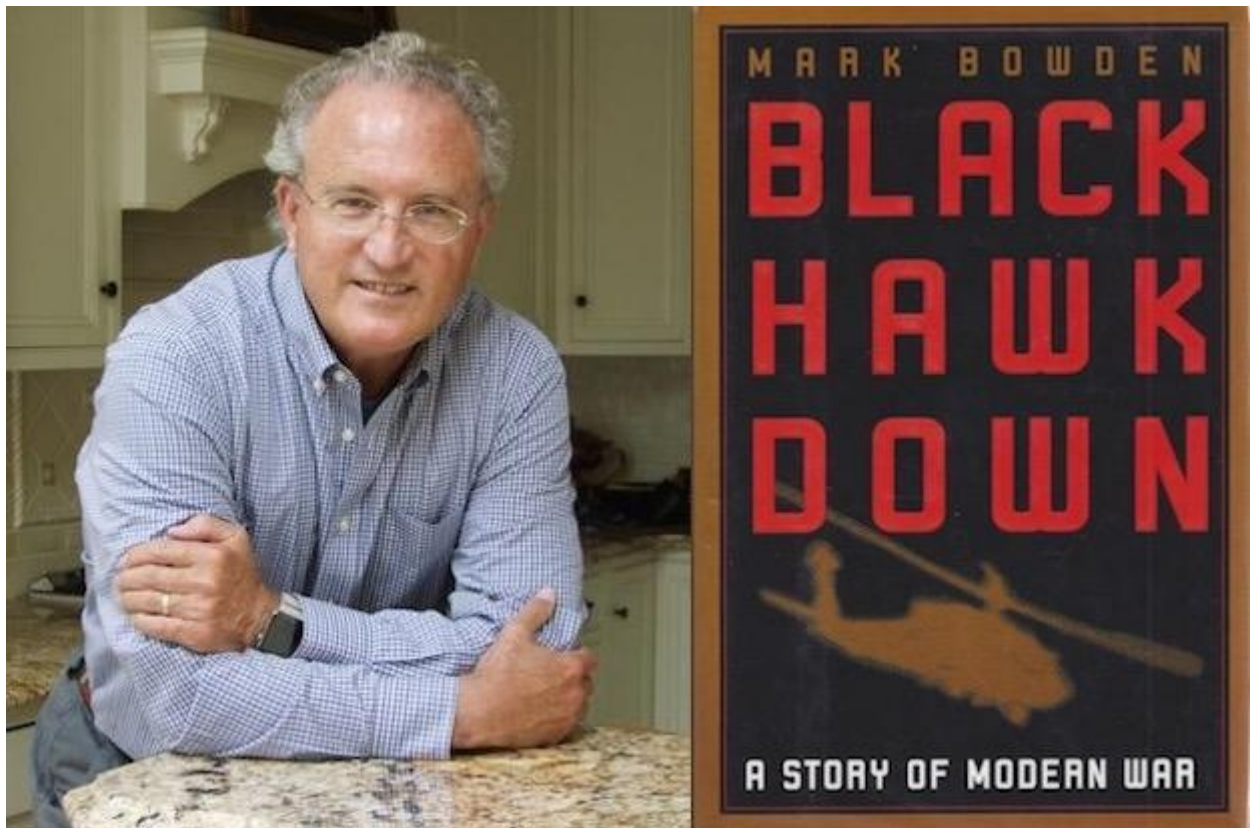
[Battle of Mogadishu \(1993\)](#)



October 3 and 4th was the 28th anniversary of the Battle of Mogadishu, a battle that inspired many books and even a movie called Blackhawk Down. During this 2-day battle, the lives of 18 U.S. Service members were lost, one of whom was Chief Warrant Officer Donovan Briley (This was my cousin. I never met him. Still grateful for his sacrifice and all those who have paid the ultimate price for our freedom.) from North Little Rock. CWO3 Briley was the co-pilot of Super 61, the first Blackhawk shot down in the battle. We will never forget the sacrifice of brave men and women who throughout history, in peace time, and war have laid down their lives while protecting our freedoms. Take time to remember CWO3 Briley and these brave men today. Remember their sacrifice, honor their commitment.



Black Hawk Down Movie



Author Mark Bowden Revisits the True Story of 'Black Hawk Down'

Plane & Pilot



[High Sierra Fly-In 2021 Gallery](#)



[Skinny-Dipping Via Helicopter: This Hot Spring Jaunt Looks Amazing](#)

Photos & Videos

Click blue hyperlinks to see video's



[MiG-29OVT Extraordinary power, maneuverability and agility MiG-29OVT, Russian Air Force, copyrights: Konstantin Khmelik... VLK https://youtu.be/7o9DKlvDOOs](https://youtu.be/7o9DKlvDOOs)



[Ultimate Low Flying Jets](#)



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Experimental Aircraft Association
Covid 19
Christmas Party

Due to health regulations
we will be having a safe & simple party.

Date: December 11, 2021

Time: Social 11:30, Lunch Noon

**Location: Hangar 10 Merced Airport
(Dress warmly)**

**We will be having Sub sandwiches (Ham or Turkey),
Chips, Cookie and hot drinks along with fun conversation**

Cost will be \$10 per person

Reservations required by December 3, 2021

Call Kathleen at 722-6666 and leave message.

**BE SURE TO STATE YOUR CHOICE OF MEAT
HAM OR TURKEY**

**If you wish to participate in the toy drive, bring your toys unwrapped.
There is a real need for toys for boys**



EAA Webinars Schedule

We're excited to announce our November and December webinars that you can enjoy from the comfort of your home. Whether you're interested in aviation history, piloting tips, or just love to hear fascinating stories, we have a presentation that you'll enjoy! Preregistration is recommended, as space is limited. [Register Now](#)

November Webinars

Building a Canard Aircraft

TUESDAY, NOVEMBER 2, AT 7 P.M. CDT

Presenter: Mike Beasley | Homebuilders Webinar Series

How Hot is Too Hot?

WEDNESDAY, NOVEMBER 3, AT 7 P.M. CDT

Presenter: Mike Busch | Qualifies for FAA WINGS and AMT credit.

The Autogyro

TUESDAY, NOVEMBER 9, AT 7 P.M. CST

Presenters: Chris Henry and Ben Page | Museum Webinar Series

Where's My Oil Pressure? A Case of Maintenance-Induced Failure

WEDNESDAY, NOVEMBER 10, AT 7 P.M. CST

Presenter: Prof. H. Paul Shuch | Qualifies for FAA WINGS and AMT credit.

Bravo Buster: Adventures In and Around the National Airspace System

WEDNESDAY, NOVEMBER 17, AT 7 P.M. CST

Presenter: Laura Herrmann | Qualifies for FAA WINGS credit.

Special SOLIDWORKS Offer For EAA Members

TUESDAY, NOVEMBER 23, AT 7 P.M. CST

Presenters: Brian Hillner and John Martorano III | Qualifies for FAA WINGS and AMT credit.

December Webinars

Prop Overhauls

WEDNESDAY, DECEMBER 1, AT 7 P.M. CST

Presenter: Mike Busch | Qualifies for FAA WINGS and AMT credit.

Homebuilt Biplane Roundup

TUESDAY, DECEMBER 7, AT 7 P.M. CST

Presenter: Budd Davisson | Homebuilders Webinar Series

The Truth About Stalls

WEDNESDAY, DECEMBER 8, AT 7 P.M. CST

Presenter: Tom Turner | Qualifies for FAA WINGS credit.

The History of EAA's B-25

TUESDAY, DECEMBER 14, AT 7 P.M. CST

Presenters: Chris Henry and Ben Page | Museum Webinar Series

Flying Clubs – Growing Participation in Aviation

WEDNESDAY, DECEMBER 15, AT 7 P.M. CST

Presenter: Timm Bogenhagen

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[Taildragger Café, Minden NV](http://www.taildraggercafe.com)



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Webinars



Audio speakers and a broadband internet connection are required to participate in the webinars.

EAA Webinars Schedule - [Register Now!](#)