

# The Outer Marker

Volume 17 Issue 8

Bonnie Gottschalk - Editor





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2020

## “Important Dates”

### **General Meeting**

**August 14th**

**8:30 AM**

**Gateway EAA Chapter 1401**

**Merced Regional Airport**

**HANGAR 10**

### **Board Meeting**

**Sept. 5th**

**7:00 PM**

**Mike Bodine**

**2519 Sea Breeze Ct.**

**Merced, CA**



**Bonnie Gottschalk**  
**Editor**

## Hello Flight Enthusiasts!

We are back in the air!!!!!! So happy! John flew us to my son in AZ at the end of July. We had a wonderful visit. Headwinds all the way there, but what else is new. Was a bit of a bumpy flight but so worth it. I am so glad to be back in the plane, as is John.

We had hoped to schedule our Young Eagles Event for our September meeting unfortunately due to this new Covid Variant we feel we should postpone it. The Board is considering having it in Spring instead when hopefully this new outbreak will be over.

As an alternative, we will however be having a private Young Eagles Flight for a select group. Members are encouraged to attend the September meeting to assist in this event.

I received several interesting emails this month. One from Dennis Mead about his latest project and another from Jon Kwiatkowski about the test flight of an electric aircraft. Which I have shared. Linton Wollen shared some photos of the charging technique with me as well which I included.

The August meeting will be held as scheduled on the 14<sup>th</sup>. The August meeting presentation will be EAA National videos. A formal presenter is still open. Hope to see you there until then, may God bless you all with health, prosperity and clear blue skies!

Bonnie

# President's Proclamation



**Mike Bodine**

## **August 14, 2021** **Gateway EAA Chapter 1401**

The August EAA general Meeting is August 14<sup>th</sup> at 8:30 AM, at the EAA hangar 10

The August meeting presentation will be EAA National videos. A formal presenter is still open.

Your board has postponed our September Young Eagles Event until spring of 2022, because of the continued covid outbreaks, requiring all kids to be masked in school and all inside events.

We truly regret having to postpone our Young eagles Event. We truly hope the overreaching covid requirements will have dissipated and pilots and kids can truly enjoy an airplane flight.

See everyone Saturday August 14<sup>th</sup>, coffee and water will be available.

Mike Bodine

# 2021 Gateway EAA Tentative Meeting Schedule

<b>Board Meetings</b>	<b>General Meetings</b>	<b>Meeting Location</b>	<b>Meeting Agenda and Activity</b>
Aug 5	Aug 14	EAA Hangar 10	Aircraft Display and Social
Sep 2	Sep 11	EAA Hangar 10	<b>Young Eagles Private Event</b>
Sep 30	Oct 9	EAA Hangar 10	Aircraft Display and Social
Nov 4	Nov 13	EAA Hangar 10	Aircraft Display and Social
Dec 2	Dec 11	EAA Hangar 10	<b>Chapter Christmas party</b>



# Chapter Events

EAA Video on Air Ventures of the Past was our event this month. Therefore, I thought I would share a few photos from John's Oshkosh Adventures.







Hi Bonnie,

Great newsletter. I'm planning on having my plane back together and test flying by August 21st. Plan is to start displaying it next year. It's been quite the adventure restoring it this past year.

Dennis Mead







# Merced Yosemite Regional Airport MCE - Beams "Flying On Sunshine"

Kwiatkowski, Jon

[Kwiatkowskij@cityofmerced.org](mailto:Kwiatkowskij@cityofmerced.org)

Thu, Jul 15, 2021, at 6:30 AM



## The Historic Flight

Beams "Flying On Sunshine" world record attempt for the longest flight in a production electric aircraft powered by off-grid renewable energy is officially underway.

The multi-leg quest started and ends in Fresno and culminated with a media event at Fresno Chandler Executive Airport Saturday July 17, proving zero emission aviation is not only possible, it's here.

Members of the media were invited to attend the record-setting touchdown July 17 and the stops along the way to explore the plane while it is charging on the tarmac. The stops include City of Fresno (starting location), City of Madera, City of Merced, City of Modesto, and City of Lodi Sacramento, with the return trip in reverse.

When the electric aircraft landed at Merced, several airport tenants were on-hand to check out the plane and talk to CEO Desmond Wheatley and Pilot Joseph Oldham.



Flying on Sunshine™ flight in a Pipistrel production electric aircraft, powered completely by Beam's EV ARC™ solar-powered charging unit delivering off-grid, sustainably generated, locally stored energy.

### **Measure C**

The Pipistrel electric aircraft are part of the Sustainable Aviation Project initiated by Oldham in partnership with the Cities of Reedley and Mendota and funded by Measure C through the Fresno County Transportation Authority (FCTA) New Technology Reserve Grant Program. The project is designed to open the door for aviation careers for local students in Fresno County by lowering the cost for flight training through the use of electric aircraft and developing a network of airports with chargers to support their operations. Measure C successfully leverages local dollars with other resources to deliver billions of dollars in local and regional transportation improvements to expand transit services, foster innovation and build trails, bike lanes and ADA facilities, while leading initiatives to better the air quality and bolster the local economy.

### **The Solar Charging Unit**

The EV ARC™ 2020 being used to power the Pipistrel plane is equipped with 2 Enel X JuiceBox® Pro EV chargers and one 15kW aircraft charger and is capable of charging two vehicles and one electric plane. 100% solar-powered EV ARC™ units are off-grid so require no permitting, no construction, no electrical work and generate no utility bill. Designed to fit in a standard parking space, without reducing available parking, the small footprint and construction-free deployment does not disrupt city or airport planning efforts and can be rapidly deployed. Beam Global EV charging products enable municipalities and states to build zero-emissions infrastructure that is rapidly scalable as charging needs evolve.



## The Electric Aircraft

Pipistrel is a Slovenian light aircraft manufacturer established in 1989 by Ivo Boscarol and based in Ajdovščina. Its facilities are located in Ajdovščina, Slovenia, and near the town of Gorizia, Italy. By March 2019, Pipistrel had produced more than 2000 aircraft.

Pipistrel introduced an electric version called the Alpha Electro in 2015 at a price of 69,000 euros (about 81,000 USD), with technology from the Pipistrel WATTsUP proof of concept design, for short training. It has energy for one flight hour plus reserves and can recharge in 45 minutes or have its batteries replaced in 5 minutes. Instead of 78 lb. of fuel, it has 277 pounds of LiPo cells, however the water-cooled electric motor weighs 24 lbs., much less than the gasoline engine. It has a useful load of 380 lb., whereas a Cessna 152 has between 350 and 480 lb. useful load.

After 38 minutes of flying various maneuvers, battery charge may be 25%. From the inside, the Electro is very similar to the gasoline-powered version, but from the outside, the Electro is much quieter. Electricity costs are about 1/10 of gasoline.



The Electro is now certified in the USA. Four Electro aircraft will be used to provide flight training in Fresno, California starting in late 2017 as part of the Sustainable Aviation Project

Performance of the ALPHA Electro 2-seat electric trainer is tailored to the needs of flight schools. Short take-off distance, powerful 1000+ fpm climb, and endurance of one hour plus reserve.

The Alpha Electro is optimized for traffic-pattern operations, where 13% of energy is recuperated on every approach, increasing endurance and at the same time enabling short-field landings.

Operating costs, in most areas it could be as little as \$3/hour for electricity to operate the aircraft.

The aircraft is available in a fixed configuration of instrumentation and is targeted directly to flight schools and the training market but can also be used by recreational flyers looking for a fully featured electric aircraft at very reasonable pricing.

The aircraft also features a ballistic parachute system.



# Merced Yosemite Regional Airport MCE - Beams "Flying On Sunshine"

Kwiatkowski, Jon

[Kwiatkowskij@cityofmerced.org](mailto:Kwiatkowskij@cityofmerced.org)

Jul 16, 2021, 12:53 PM

Hi Bonnie,

A few important changes.

The aircraft had to change its schedule.

They did not fly all the way to Sacramento. They stopped at Lodi.

They returned to Fresno a day early.

The aircraft landed here around 7am and departed around 10am.

The cost of the aircraft is \$200,00 and not what I quoted in my previously email.

Cheers!

Kwiatkowski, Jon

Jul 16, 2021, 12:53 PM

Here are some photos of the actual process complements of Linton Wollen.





# Lift Your Spirits

## Creative Pilot Callsigns With Explanations

Agony – A man named Payne

Air-Fix – Pretty vain and looked like a model apparently... i.e. air fix model. He was an engineer though , not a pilot – hence the fix part...

Alphabet There was a new guy in the squadron by the name of Varsonofy Krestovozdvizhensky. After the first day, everybody just called him Alphabet.

Banana – Last name Hammock.

Beagle – Kept ‘bouncing around’ on landings like an excited beagle puppy.

Berlin – Taxied his aircraft into a wall while making a turn.

Captain – F-16 Driver in Japan – real name was James Kirk

Chocks – F-16 pilot started taxying before the chocks were removed

Dingle – Last name Berry

DRADIS – E-2 Hawkeye pilot and avid fan of the TV series Battlestar Galactica. DRADIS is the BSG word for “radar”.

Duck – It took a while before he got the hang of evasive maneuvering, so he was a sitting duck

Hurricane – A female pilot named Katrina.

Holyness – Last name LaPope.

Headless – CDR, USN, S-3 Pilot ... the guy's last name was “Horstman”

Key – Instructor pilot that starts every lesson with, “The Key is”.

Kanga – Capt. Rew

Notso – Fighter jock – last name Bright!

Rotor – Ran Off The Only Runway

SALSA – Student Aviator Lacking Situational Awareness.

T-bone – dropped a practice bomb through a cow

# A BIT OF HISTORY



Walt Disney World once had its own airport with a singing runway! The runway had a set of grooves, just like the ones you find on the side of a highway, that played the song "When You Wish Upon a Star" when driven over at 45 mph. The airport, known as Lake Buena Vista STOLport, has been closed since 1972.

PC OF PUBLIC DOMAIN @HISTORYALLDAY

When Walt Disney World opened in 1971, Shawnee Airlines began regular passenger service from Orlando's McCoy Airport directly to Disney World's own STOLport, using 19 seat DeHavilland DHC-6 Twin Otters. The actual flight time was only a few minutes.

Shawnee was the only airline ever to fly directly into the Magic Kingdom.

"Shawnee Airlines & Executive Airlines both commenced service to Disney on 10/22/71 using Twin Otters. Shawnee initially offered nonstop service to Ft. Lauderdale, Orlando Herndon Airport, Tampa, and West Palm Beach while Executive operated nonstops to Orlando Herndon & Tampa. A third airline, VQ, operated by Volusia Aviation Service, used Beech Bonanzas & a Piper Cherokee on flights between Disney, Orlando Herndon and Daytona Beach."...Unfortunately for the Disney Airport, in the late 1970s / early 1980s a monorail extension to EPCOT Center was constructed, which placed an elevated monorail track just west of the runway.



Therefore, by the early 1980s Disney no longer allowed anyone to land at the Lake Buena Vista STOLport.

Even when Mickey Mouse One (Walt Disney's own private plane) was being flown into Walt Disney World

so that it could then go on display in Disney-MGM's boneyard, this aircraft couldn't get clearance to land at WDW's private airfield.

Which is why Mickey Mouse One actually touched down out on World Drive

(which had been completely shut down to traffic just prior to the plane's arrival).

Once the old Disney corporate plane was on the ground, it was then safely towed back to the studio theme park....story by Eyes and Ears



**Shawnee Airlines...**  
your magic  
carpet into

**Walt Disney World**

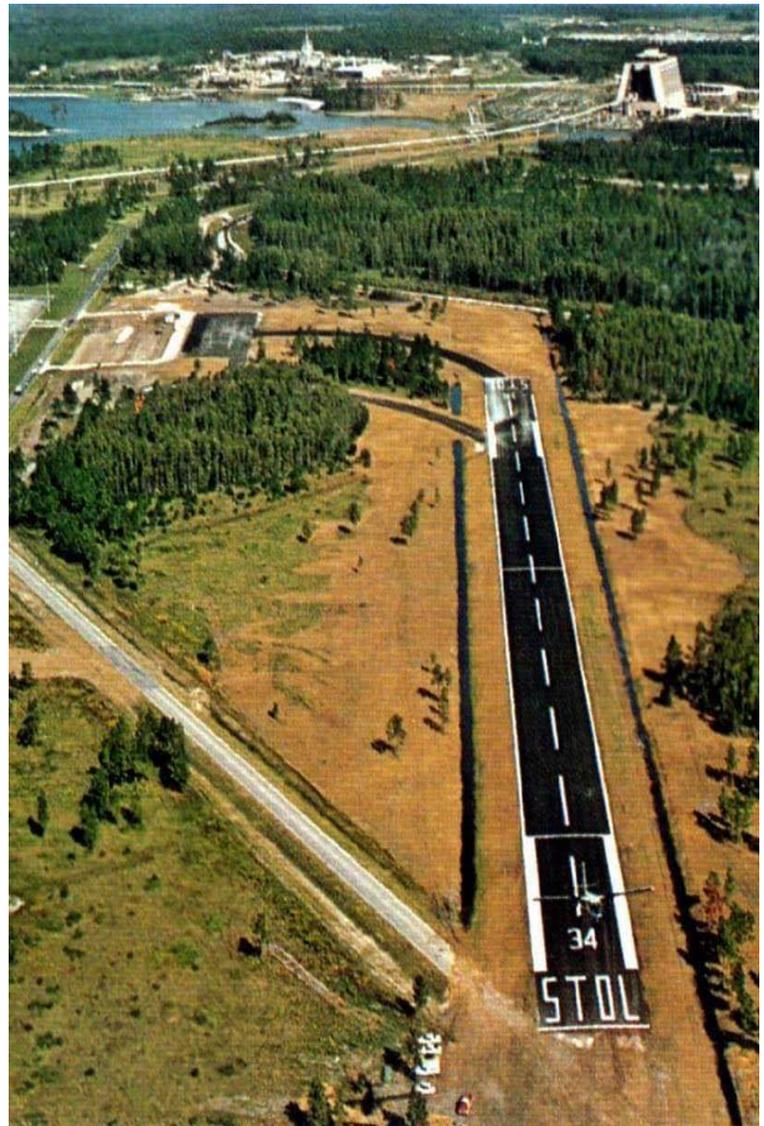
Now Shawnee has nine daily shuttle flights from McCoy Jetport, Orlando to the Vacation Kingdom of the World. When you deplane from your STOL flight, you are within three minutes of the Walt Disney World hotels, Magic Kingdom theme park, and the Golf Resort.

Only \$7.00 per person — for more information, ask your travel agent or Eastern Airlines representative.



STOL... Short Take Off and Landing Aircraft

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# Shawnee Airlines now serving Sarasota, Miami, Tampa and Walt Disney World

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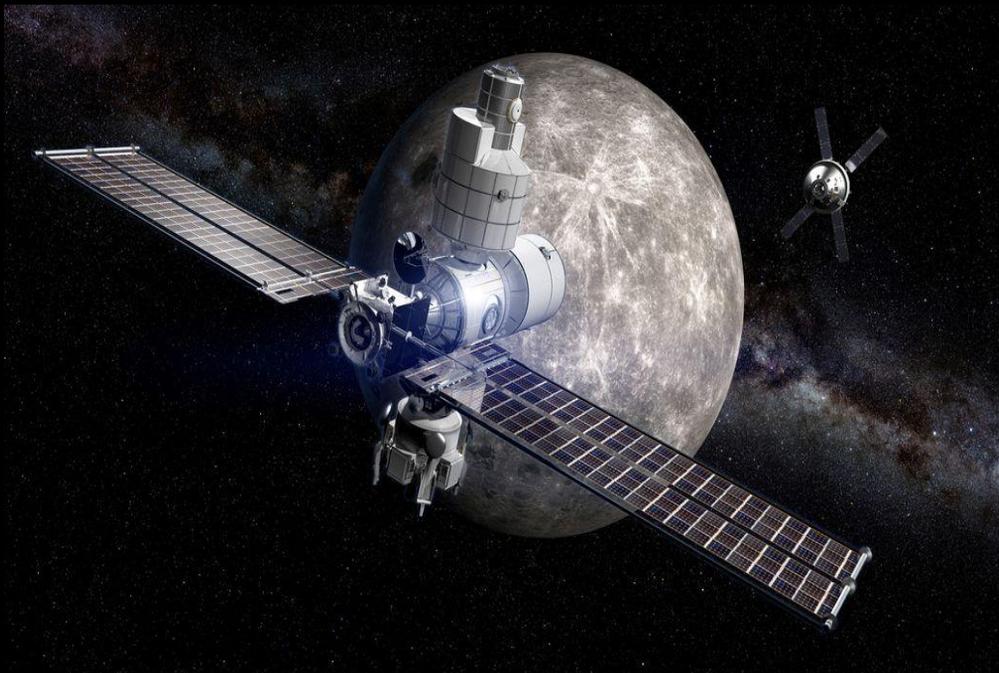
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# FLYING



[Lilium Announces \\$1 Billion Deal with Brazilian Airline](#)



[Boeing Announces Venture to Expand Reach in Space, Mobility, and Connectivity](#)

# Photos & Videos

[Click blue hyperlinks to see video's](#)



[F16 formation with Prop plane](#)



[B1 Bomber](#)



**Welcome Everyone to  
The Ken Brock Freedom Fly-In 2021  
Hosted by Chapter One**

**KBFFI 2021 Schedule of Events**

***Radio Frequency 123.025 MHz***

**Friday - 24 September 2021**

**7:00AM - 8:00AM – Coffee and Sweet Rolls**

**8:00AM - 9:00AM - Pilot Sign-In**

**9:00AM - Pilot Safety Briefing**

**12:00PM - 1:00pm – Grilled Beef dogs and Soda/Water for Lunch - \$3.00**

**Rest of the Day – Enjoy flying, visiting and making New Friends!**

**5:00PM –Friday Night dinner (\$15 Donation), with Thick Burger, Potato Salad, Salad & Dressing, Baked Beans, Soda/Water & Dessert (plates, napkins and silverware provided by Chapter One).**

**7:00PM – Movie Night and/or Presentation (Weather Permitting)**

**Saturday - 25 September 2021**

**7:00AM - 8:00AM – Coffee and Sweet Rolls**

**8:00AM - 9:00AM - Pilot Sign-In**

**9:00AM - Pilot Safety Briefing**

**12:00PM - 1:00pm – Grilled Beef dogs and Soda/Water for Lunch - \$3.00**

**Rest of the Day – Enjoy flying, visiting and making New Friends!**

**5:00PM – BYOB (Bring Your Own Beef), with Potato Salad, Salad & Dressing, Baked Beans, Soda/Water & Dessert**

**After Sunset – Awards Ceremony and Raffle!!!**

**Sunday - 26 September 2021**

**7:00AM – 8:00AM – Coffee and Danish**

**9:00AM – Pilot Safety Briefing**

**All Chapter One members would like to thank you for attending the 2021 Ken Brock Freedom Fly-In. Have a safe trip home and we all look forward to seeing you again next year!**

# ADVERTISEMENTS

Click on blue titles to get to webpage



## EAA Events



**CASTLE**   
AIR MUSEUM  
Castle Air Museum



**Gateway**  
**Air Center**   
<http://gatewayaircenter.com/>

<http://www.hangarrestaurant.com/>

**Taildragger Cafe**  
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so good"

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**Charles Wood**

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(209) 658-4531  
Sherriewood13@yahoo.com



<http://www.lifelinecdc.org/>



**Webinars**



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

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