



Chapter 334
Groton, CT

May 2019 Newsletter #32

In This Issue:

You will find an article on the airplane that landed in the wrong country, the toy that inspired the Wright Brothers,

We want to increase active membership in our chapter so if you want to find out more, send me an email and we'll talk tedigordon@gmail.com.

Join us at any meeting for story telling, hints and kinks, and planning of future events. You don't have to be interested in building airplanes, or even a pilot; only a healthy interest in things that fly. Meet kindred spirits. Meetings are informal. The April meeting will be on April 13, 10:00 at Dooney Aviation on the south side of Westerly Airport: 63 Tom Harvey Rd; Westerly, Rhode Island. If you get lost call at 860 575 3429. As you'll see in this issue, we have decided to keep the Saturday morning meetings rather than to return to the previous summer schedule of evening meetings when on daylight savings time. So, now and for the immediate future plan on meetings on the second Saturday of the month, 10:00 AM at Dooney's.

CONTEST. Last month's photograph was of the Orange MA airport. The new airport for this month's contest is shown below and is equally tough. \$20 is waiting for the first correct identification.



British Air Flight Bound For Germany Lands in Scotland

MARC COOK AVWEB FLASH, MAR 27, 2019



Passengers bound for Dusseldorf from London City Airport Monday morning on board British Airways Flight 3271 were surprised by the landing announcement, "Welcome to Edinburgh." After a delay of 2.5 hours, the aircraft, operated by WDL Aviation for British Air, eventually made the two-hour flight to Dusseldorf. The BBC is reporting that the Embraer 170 was flown from London City to Edinburgh and back for its final flights on Sunday, the day before. The crew is believed to have followed the previous day's flight route. WDL said that "At no time has the safety of passengers been compromised. We flew the passengers on the flight with number BA3271 to Dusseldorf after the involuntary stopover in Edinburgh."

One passenger described the "involuntary stopover" as a "mystery travel lottery." British Airways says it will be in contact with the passengers soon, though it has not said if it will be offering recompense for the unexpected trip north.

Pres Message

Mention change in meeting schedule

Mention construction project As we mentioned last month, our chapter has begun to think about building an airplane as a club project. We will soon be in conversations with CAP about this possibility. We are focusing on a Legal Eagle XL, built from scratch. Three teams: 1. Wings and wing ribs, 2. Engine and 3. Welded fuselage.

Pilots Praised In U Of M Runway Overrun

BY RUSS NILES, FROM AVIATION WEB FLASH, MARCH 10, 2019



The [NTSB says](#) an Ameristar Charters MD-83 crew “did everything right” and likely saved their lives and those of 110 team members and supporters of the University of Michigan basketball team when the aircraft overran the runway at Ypsilanti Airport near Detroit last March. The aircraft’s right elevator mechanism had been damaged in a windstorm a few days earlier and the damage was undetected and virtually undetectable by the crew until they tried to rotate the airliner on takeoff. “This is the kind of extreme scenario that most pilots never encounter—discovering that their plane won’t fly only after they know they won’t be able to stop it on the available runway,” said NTSB Chairman Robert L. Sumwalt. “These two pilots did everything right after things started to go very wrong.”

Investigators determined the elevator mechanism was damaged by wind turbulence that caused the elevators to “flap” and damage the actuating system on the right elevator. The crew cycled the flight controls as part of their regular check and the controls behaved normally, which the NTSB flagged as a safety issue with the type. When the flying pilot pulled back at V1, the right side remained deflected downward at 15 degrees and the left one went up 16 degrees. The plane didn’t rotate and at 158 knots and more than two-thirds of the way down the 7,500-foot runway, the pilot aborted. The aircraft left the runway, used up the 1,000-foot overrun and ended up 950 feet beyond the perimeter fence. There were no serious injuries.

Starr Bumble Bee: The World's Smallest Plane



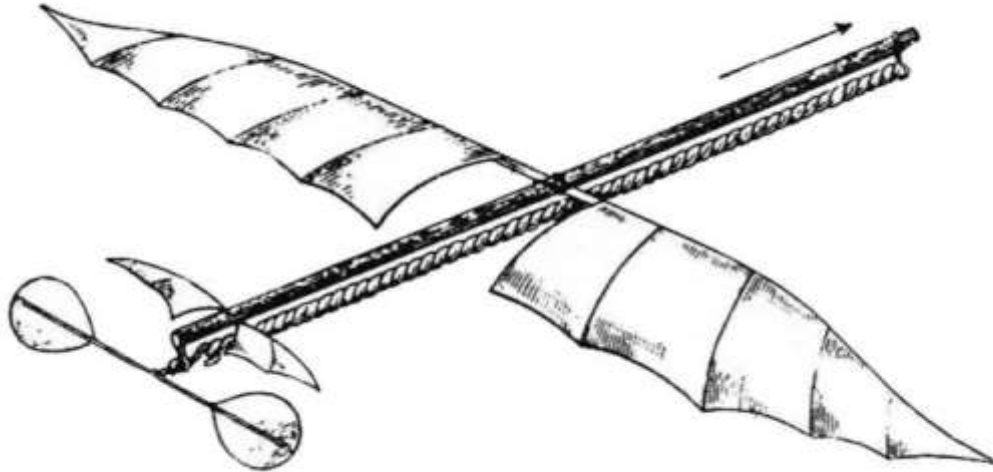
The Starr Bumble Bee was built to take a crack at the record for the world's smallest manned aircraft, with a 6'6 wingspan, a 9'4 length and a height of just 4'1. It took the Guinness record when it made its first flights in January 1984, and was capable of speeds up to 180 mph, but could only fly to a service ceiling of 3,000 ft due to its tiny wings. From: New Atlas. March 25, 2019

According to Wikipedia its empty weight was just under 400 pounds and it carried 3 gallons of fuel. Its performance was:

- Maximum speed: 165 knots (190 mph, 305 km/h)
- Cruise speed: 130 knots (150 mph, 241 km/h)
- Stall speed: 75 knots (86 mph, 139 km/h)
- Service ceiling: 14,000 ft (4,270 m)
- Rate of climb: 4,500 ft/min (23 m/s)

It was built by Robert H. Starr. And is on display at the Pima Air and Space Museum in Tucson, AZ. Its first flight was on 8 May 1988. The Bumble Bee II crashed on the same day due to an engine failure. Robert Starr was seriously injured in the crash, but he fully recovered from his injuries.

This Might be The Most Important Toy in History



Photo, quotes and information from <http://inspire.eaa.org/2017/04/28/the-most-important-toy-in-history/>
an article by Hal Bryan/ April 28, 2017

Alphonse Pénaud was born in Paris, France, in 1850, and Bill built rubber band powered helicopters he was the first to figure out how to power model by twisting strands of rubber Head approach the power problem put another way, while his contemporaries used tension, Alphonse used torsion. He called the design shown in this sketch a planophore. In 1871 this model made the first flight of an inherently stable aircraft. The toy was quite popular. He also patented a full-scale airplane, a two-seater with glass enclosed cockpit and single control integrating elevator and rudder. It had retracting shock absorbing wheeled landing gear and was amphibious.

From the referenced article: “In 1878, a Bishop of the United Brethren Church bought a Pénaud toy helicopter as a gift for his two youngest sons, ages 7 and 11. They were instantly enthralled, and played with it until they wore it out. Then they copied it and started building small flying machines of their own, machines that got progressively bigger as their lifelong obsession grew.

The Bishop’s name was Milton Wright and his sons, of course, were Orville and Wilbur.”

The Nasa Safety Reporting System and the Boeing 737 Max 8 Crashes

As you may know the FAA has a system available to all pilots known as the Aviation *Safety Reporting System* which accepts confidential reports from pilots who may have had close calls or broken a regulation or two and promises to not pursue enforcement in return for the information. The FAA is supposed to, analyze the resulting data, and disseminate information it derives to the aviation community. Well, according to a report in the Dallas News excerpts below, some pilots had warned about the Boeing 737 Max before the Ethiopian crash.

From an article by Cary Aspinwal, Airiana Giorgi and Dom DiFurio:

<https://www.dallasnews.com/business/airlines/2019/03/12/boeing-737-max-8-pilots-complained-feds-months-suspected-safety-flaw>

Pilots repeatedly voiced safety concerns about the Boeing 737 Max 8 to federal authorities, with one captain calling the flight manual "inadequate and almost criminally insufficient" several months before Sunday's Ethiopian Air crash that killed 157 people, an investigation by *The Dallas Morning News* found.

The News found five complaints about the Boeing model in a federal database where pilots can voluntarily report about aviation incidents without fear of repercussions.

The complaints are about the safety mechanism cited in preliminary reports about an October Boeing 737 Max 8 crash in Indonesia that killed 189.

The disclosures found by *The News* reference problems with an autopilot system, and they all occurred during the ascent after takeoff. Many mentioned the plane suddenly nosing down. While records show these flights occurred in October and November, the airlines the pilots were flying for is redacted from the database.

Records show that a captain who flies the Max 8 complained in November that it was "unconscionable" that the company and federal authorities allowed pilots to fly the planes without adequate training or

fully disclosing information about how its systems were different from those on previous 737 models.

The captain's complaint was logged after the FAA released an emergency airworthiness directive about the Boeing 737 Max 8 in response to the crash of Lion Air Flight 610 in Indonesia.

An FAA spokesman said the reports found by *The News* were filed directly to the National Aeronautics and Space Administration, which serves as a neutral third party for reporting purposes.

Groton Art At the Airport Opens New London's Students' Photography Exhibit



JANUARY 31, 2019 - NORWICH, CT - The Southeastern CT Cultural Coalition is pleased to announce the Art At the Airport program's winter exhibit "Community Faces," presented by the Interdistrict School for Arts and Communication, opening on February 1. The exhibit will be on view through April 30 at the Groton - New London Airport. There will be a reception for the public to meet the student artists on Thursday, February 21, from 6 to 7:30 pm at the airport, sponsored by the Southeastern CT Enterprise Region (seCTer), with a snow date of February 22.

The Art At the Airport program's purpose is to showcase the region's uniqueness, history, industry, culture and geography through visual arts in the airport's main terminal located at [155 Tower Avenue](#) in Groton. The Art At the Airport program is a partnership of the Cultural Coalition and the Connecticut Airport Authority.

Students from New London's Interdistrict School for Arts and Communication (ISAAC) created "Community Faces - Humanizing the Immigrant Label" - a project in which students wrote stories, took photos, shot videos and designed websites for a traveling exhibit and a book about sixteen local immigrants who came to the United States. The project was one of eighteen winning Better World Projects selected by a committee of Expeditionary Learning (EL) Education students, teachers, and leaders, from submissions across the country and featured at a national conference. The exhibit at Groton - New London Airport will feature portraits from the project and includes interactive, mobile phone QR component for additional information.

Since its inception in 2017, the Art At the Airport program's purpose is to showcase the region's uniqueness, history, industry, culture and geography through visual arts in the airport terminal located at [155 Tower Avenue](#) in Groton. The program is a partnership of the Cultural Coalition and the Connecticut Airport Authority.

Groton - New London Airport's terminal is open daily from 7 am to 6 pm for public viewing of "Community Faces." Parking is easily accessible and free.

The Southeastern Connecticut Cultural Coalition, a 501 (c)(3) nonprofit organization, contributes to the cultural identity, economy and quality of life of Southeastern Connecticut by advocating and supporting arts, heritage, cultural and business activities and organizations. For more information about the Arts At the Airport program, visit [www.CultureSECT.org](http://culturesect.org) (<http://culturesect.org/art-at-the-airport/>).

2019 EVENT SCHEDULE

REMINDER: EAA334 meetings are scheduled on the second Saturday of each month at 10:00 AM at Dooney Aviation at Westerly Airport. Address: 63 Tom Harvey Rd., Westerly, RI. Next meeting is on April 13, 2019, 10:00 AM. We hope to see you there.

Some Interesting AOPA and EAA Podcasts (Note CST in some lisr

4/23/19 7 p.m. CST **Controllability as Affected by Weight and Balance**
Qualifies for FAA Wings credit.

Gordon Penner

Gordon Penner, master CFI-Aerobatics and FAA Gold Seal instructor, presents a simple and practical description of how critical flying within weight and center of gravity (CG) range is to controllability of the airplane. He provide examples of how being out of CG range can put your aircraft out of control.

May 31 and June 1: Westchester Airport

The first U.S. Aircraft Expo in New York will take place on May 31 and June 1 at the Westchester County Airport (KHPN) in White Plains. As in previous years, the U.S. Aircraft Expo will be open from 10 a.m. to 4 p.m. local time, with an aircraft ownership seminar on Friday afternoon. Aircraft manufacturers such as Textron Aviation, Piper, Quest, Honda Aircraft, Pilatus, Cub Crafters and more will be on hand to show off their new airplanes.

August 17 Groton Airport
National Aviation Day

June 8 Danielson Airport
Open House

Sept. 21 Wyndham Airport
Open House

SUGGESTIONS, SERVICES, PHOTOS, ETC.

If you have comments, suggestions, news, photos or whatever for this newsletter, or want to be dropped from the mailing list, please forward to tedjgordon@gmail.com.

CLASSIFIED SECTION

Anyone can list equipment, products, materials, and what not for sale or wanted in this classified section. Please include a description, and your contact information if applicable. Listing is free. Your input will remain active for the next few newsletter issues. EAA 334 will not be involved so if you see something of interest, just initiate the contact.

Check for aircraft parts:
<https://www.hangarswap.com>

(copy this URL directly in your browsers search bar)

Aircraft Listing A web site for buying and selling aircraft and equipment Check it out at:
https://www.wingswap.com/search?search=&category=4&manufacturer=63&sort_by=date_desc

Partial hangar for rent. If your plane or trike is small or if the wings come off (intentionally) and you are looking for a storage place to rent



A FREE preflight de-icing sprayer is also available.

Just call or email:

Ted Gordon 860 434 8608 or
tedjgordon@gmail.com

Anyone can recommend a person, product, or company here that they have found helpful or useful. You can even recommend yourself. Please include the nature of the service or product, and contact information if applicable. Listing is free. Your input will remain active for the next few newsletter issues. EAA 334 will not be involved so if you see something of interest, just initiate the contact.

A&P Mechanic with IA
EAA Technical Councilor 15 years

Builder of the Glasair N28P, first flight June 1999
Designated Airworthiness Representative, Manufacturing (DAR-F)
Amateur Built Experimental and Light Sport Aircraft
Extensive experience composites, engines
If you'd like anything else, ring me up.
Greg Prentiss
20 Dockerel Road
Vernon, CT 06066
greg.prentiss@gmail.com
860-872-2278 Home/Office
860-205-7640 Cell

Total Aircraft Parts, Inc. (Cessna Service Center, Aircraft Maintenance & Parts Sales) Brainard Airport (KHFD)

Email: TotalAircraft@yahoo.com

Telephone: (860) 278-9577

Performed **dynamic propeller balancing** for me: quick and efficient (Ted Gordon
tedjgordon@gmail.com)

SimplexAero, owned by Jeff Erickson of Old Saybrook, teaches tail wheel and provides sport pilot training. He also offers scratch plans for the Cloud Duster and the Zing.

A year ago I landed at KIJL (Windham Airport) and found a new FBO in operation. Mechanic, fuel, clean, prop maintenance, etc.; all are good. Also a few restaurants are within in walking distance. We ate at an old fashioned diner. If you have first hand reports about services and food at nearby airports that you think would be of interest to other local pilots, please tell us (tedjgordon@gmail.com). Inputs from the airports themselves are also particularly invited.



Membership Application

EAA 334- Fulfill your dream to build and fly. Guaranteed

Our club is dedicated to flying of all sorts. We exchange information and experiences. We provide help where needed in promoting safety, airplane construction, and operation. In the summer, our meetings are on the second Thursday of each month, 7:00PM at Dooney Aviation, located at Westerly Airport. Address: 63 Tom Harvey Rd., Westerly, RI. In winter, meetings take place on the second Saturday of each month at 10:00 AM at Dooney's Aviation. We invite you to join us.

To explore membership, join, or renew your membership, please complete this form.

*Select membership type and duration:

- ☐ FREE 6 Months Full Membership trial
- ☐ One year full Membership in EAA 334 \$20.00**
- ☐ One year Student Membership \$12.00 (through 17 years of age)***
- ☐ 3 year Membership \$10.00 discount **

*First Name _____

*State _____ ZIP _____

*Last Name _____

*Email _____

*Address _____

Phone _____

*City _____

Aircraft _____

*Required information

** For full membership in EAA Chapter 334, send the completed form and check payable to Bogdan Gutowski <bogdan.gch@gmail.com> ,Membership (\$40.00 per year) in the EAA National organization is also required. For more information go to: <https://www.eaa.org/en/ea/renew-ear/renew-membership>

*** EAA Student Membership is available FREE to any young person age 8 – 18 ½ who has completed a Young Eagles flight,