

EAA CHAPTER 172 AUGUSTA, GA

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EAA 172 FOUNDER Aldine "Al" Patton – "*Baldo*" February 21, 1923 - December 9, 2015

PEA PATCH & CLUBHOUSE 61GA 122.7 mhz 4511 Boulineau Rd. Blythe, GA 30805-3605

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NAME THAT



### October 2017

**President's Desk** 

PLANE

**Al Nodorft** 

Our Wrens event was a big success. We had to park planes on the grass for the first time in a few years. A big thank you for those who turned out and those who volunteered. I am sure John will publish the numbers.

This month I got to use my plane as it should be used. First, I treated my wife (who turned 50) to a surprise trip to Asheville, North Carolina. We flew into nearby Hendersenville and rented a car. We had never spent any time around the Blue Ridge Parkway before. We drove around a lot and did some hiking as well. As advertised, it is beautiful up there. Asheville itself is a bustling place, but not much for us unless you are really into crafts.

We had a friend of ours visit from the Netherlands at the end of the month. I had to treat him to an airplane flight too, so we loaded up the bikes and flew over to Callaway gardens just south of Atlanta. You need the bikes to get from the airport to the gardens and then in the gardens. It is a beautiful place and a good place to ride bikes just to get around. This time of year they have a blue butterfly display that is spectacular. A great place for a flyout if you are looking for somewhere to go just for the day.

Looking forward to more flying as the weather turns nicer. Hope you all are having a chance to get out.

### **OCTOBER MEETING:**

No meeting in October. Instead we will have a presentation by Carl Bell & Rafael Lopez on building and flying an RV-14. This will be held at Daniel Field in Augusta starting at 10:30 am.

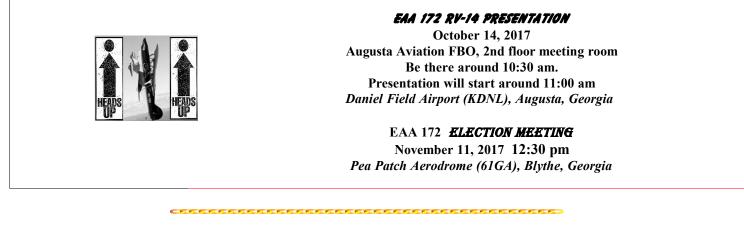
Fly Safe!

Al





No need to bring any foods to the RV-14 presentation at Daniel Field. The club will provide coffee & pastries. Afterward, those who want to can go to the Village Deli restaurant for lunch.



10-02
10-06
10-15
10-16
10-25
10-26

Langga	GAY	10-01
Virginia	BUSH	10-28
Paula	JONES	10-30



Lawton & Joyce JAMES

10-11

# EAA 172 Night Out

Thursday, October 26: *EAA 172 monthly "get-together" -- Social Meeting* 6:30 PM -- This is a monthly non-business social gathering held on the fourth Thursday. This month's location is the Augsburg Haus Restaurant, 4460 Washington Road, Evans, Georgia 30809. Phone: 706-667-8181. For questions contact Shirley Harden 706-855-1553 e-mail: ghardensr@comcast.net.

# **AVIATION QUESTION OF THE MONTH**

Answer to last month's question: You own an aircraft that never had an engine-driven electrical system, but it has a batteryfed system that runs the radio when you need it. You never had to equip with a transponder because the aircraft was exempt under <u>14 CFR 91.215(b)(3)</u>. The FAA's mandate to equip with Automatic Dependent Surveillance-Broadcast (ADS-B) Out, as described in <u>14 CFR 91.225</u>, does not include the words "engine driven." Must you equip for ADS-B Out because your aircraft has a battery-fed electrical system?

According to the FAA: No. According to this <u>FAA letter of interpretation</u>, the difference in wording was not meant to change anything concerning exemptions, and the same aircraft that were exempt from transponder equipage are exempt from ADS-B Out equipage.

This Month's Question: To maintain instrument currency, is an instrument-rated helicopter and airplane pilot required to complete all of the needed approaches in <u>both</u> a helicopter and an airplane?



Romanian Liviu Marazon, now living in Braselton, Georgia, with his kit-built Cicaré 7B/CH-7B helicopter.





One of the planes on the field was this snazzily painted Grumman Cheetah AA-5A.

Starting before 9:00 AM on Saturday, September 16, the 2017 Wrens Fall Fly-in had about 50 aircraft and nearly 250 visitors on the field. Attendees at the fly-in were from California, Florida, Georgia, Michigan, Missouri, North Carolina, South Carolina, Tennessee, and England (UK). A number were from Wrens and nearby towns. The aircraft included conventional ones, experimental/homebuilts, gyrocopters, a helicopter, a Trike, and a powered parachute. During July, August, and September, EAA 172 had advertised extensively to pilots and aviation clubs in Florida, Georgia, North Carolina, and South Carolina. Quite a few aircraft, at least 18, had come in on Thursday and Friday, the two days before the fly-in officially began. A Piper Tri-pacer had even flown in on Wednesday, September 13. The weather was superb for a fly-in: blue sky, little wind, temperatures only in the upper 80s. A food vendor was on the field on Saturday during the noontime period and served delicious barbecue, hot dogs, hamburgers, and frozen treats such as ice cream sandwiches.

A visitor from Antioch, California had even flown in just to see a specific aircraft, a Russian Tango 2 gyroplane, that had been brought in by its Russian builder, Alexander Vagner, who now resides in Roswell, Georgia. There were fewer aircraft than last year (2016) since many pilots/owners who usually came from Florida as well as the coasts of Georgia, South Carolina, and North Carolina were still dealing with the effects of Hurricane/Tropical storm Irma earlier that week. We noted that most of the newer aircraft, fixed wing or rotorcraft, were designed and/or partially constructed in Europe and South America. There were also a Trike and a powered parachute flying at the Wrens airport.



On Friday afternoon, the rotorcraft, Trike gathering at the north end of the ramp



Above and below, part of the fixed wing aircraft flightline





A pilot from North Carolina introduced his new Rotec Radial Pusher gyroplane at Wrens, Georgia. Click the photo to see and hear the First Modern Radial Pusher Gyroplane Gyrocopter - on YouTube



This modified Bensen gyroplane flew in from Macon, Georgia, on September 14th.



Eating under the tents



Local food vendor did a lot of business.



Cicaré 7B/CH-7B helicopter taking off



Nice enclosed Sparrow Hawk gyroplane flew in.



Those who set up and prepared for the fly-in included Ben & Sid Brown, John Magnan, Al & Michael Nodorft, Ross & Machell Wheeler, and personnel provided by the city of Wrens. The Wrens personnel can be seen here clearing and preparing the runway.



On the Sunday after the fly-in, the visitors from north Georgia and Tennessee did much of the work assisting John Magnan packing up and putting away the fly-in materials.

# Saturday, October 7 BIRTHDAY CELEBRATION FLY-IN DON GAY'S WIFE LANGGA IS TURNING 65! DON IS ASKING YOU TO FLY-IN AND HELP HIM CELEBRATE

# WHERE? The HACIENDA DE GAY

COORDINATES: GPS coordinates are: 32 39.82'N / 82 04.47'W. (THE AIRSTRIP [7GA3] CAN BE LOCATED ON THE ATLANTA SECTIONAL) You can come any time during the day. Eating will start about 4:00 PM. NO PRESENTS: There will be markings about where to park.

Elevation is 300 feet and the CTAF is 122.9. Remember to land coming in over the pond on <u>runway 17</u>, NO MATTER WHAT THE WIND DIRECTION IS! The runway is grass, 2000 feet long, and has been widened. It has an open space of 100 feet on each side of the runway. The airstrip, starting at the pond edge, has a gradual incline for about 500 feet, then tapers off to a slight incline to the opposite end.

AIRNAV airport information: <u>http://www.airnav.com/airport/7GA3</u> WHEN? OCTOBER 7, 2017 (SATURDAY) ADDRESS? 6250 ELAM ROAD, GARFIELD, GEORGIA 30425 PHONE? Landline: 478-982-3421 Cell:706-871-0241

# **THEN** . . .

Saturday, October 14, 2017

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# EAA 172 -- RV-14 Exposition

**RV -14 exposition** will start around 10:30 AM at Augusta Aviation at Daniel Field, Augusta, Georgia. This will be in the second floor portion of the <u>Augusta Aviation FBO</u> at the Daniel Field Airport (<u>DNL</u>). We will have coffee & pastries. Then, at approximately 11:00 AM, the builders of the RV-14, Carl Bell & Rafael Lopez, will begin their presentation. Afterwards, further presentation will be continued on the Augusta Aviation ramp with the RV-14 as a static display with the builders pointing out any distinct features they designed and/or built. Then the members and guests are scheduled to eat lunch at the <u>Village Deli restaurant</u> across Wrightsboro Road from Daniel Field.

Augusta Aviation (FBO), 1775 Highland Ave., Augusta, Georgia 30904. Phone 706-833-8970. You can fly in or drive. Park your car in the Highland Ave. parking lot next to the Augusta Aviation building.

For complete airport information click: <u>Daniel Field Airport</u> For driving directions click on <u>Daniel Field directions</u>.

# SHORT FINAL

AVweb October 2, 2017

On Tower frequency at a rural class Delta:

Cessna: Uh, tower caution some sort of otter or marmot just went right in front of my plane.

*Tower:* It was a groundhog. That is our airport groundhog.

Cessna: OK. Regardless of type he just crossed Alpha without clearance; tell him to check his frequency.

Tower: We'll have a talk with him. Cleared for takeoff 23.

# FOR SALE:

# Members' Items for Sale

# **RV-4** FOR SALE

1994 RV-4. Just over 800 hrs. total time. Engine is a Lycoming IO 320 -- 220 hrs. SMOH. Inverted fuel and oil system. Great for day/night VFR. Three blade Catto prop, installed December, 2015, has the very expensive and top performing "Electroformed Nickel" leading edge. Has a Bendix King KLX 135A GPS/Comm unit. Has a Terra TRT-250D transponder which takes the all solid-state design of the TRT-250, and adds a more readable display and a number of convenience features. Standard classic aviation gauges & instruments, no glass panel. Located at Waynesboro, Georgia.

# Asking \$49,500

Contact Edwin Wadel, Owner - located Waynesboro, Georgia e-mail: Edwin Wadel



CLICK PHOTO TO ENLARGE IT.

### POWERED PARACHUTE FOR SALE <u>AVAILABLE IMMEDIATELY</u>



2005 Destiny XLT Tandem. 125 hrs TT. Purchased in 2006 with 10 hrs TT from original owner. Still perfect. Beautiful multi-colored Sundowner 550 chute. 65 HP Rotax engine with dual ignition. VHF, CB (for formation flying) and Garmin etrex GPS. Engine Information System. 10 gal fuel tank. Very economical to fly - 4 gal/hr on car gas. Great low-and-slow fun at 10 ft AGL and 30 mph. Super platform for sight seeing and photography. Two helmets with IC. <u>Includes</u> enclosed trailer with ramp. Located at Louisville, Georgia (2J3). The safest way to fly. Easy to learn.

Click <u>here</u> or photo to enlarge Owner/seller Navy career attack pilot. Now asking <u>only</u> \$11,500 (*reduced again, this time by* \$1,495!) Contact Charles Lewis at 706-830-3393 or e-mail: <u>Charles Lewis</u>

EAA 172 member Larry Garner sold his Cherokee aircraft. He has many aircraft related items for sale. Larry wrote on February 4, 2016: "Since I sold my Cherokee, been going thru what airplane stuff I've accumulated over the years and this is some of what I have. I am very open to offers, just have to start somewhere. I did research current selling prices."

Larry Garner e-mail: garner49@comcast.net SEE THE LIST AT: Garner's Airplane Stuff

# **THORP T-18 AIRFRAME FOR SALE**

This is Al Patton's Thorp T-18 airplane. It has been disassembled. It is a tricycle gear aircraft. All parts of the airframe are included: Fuselage, wings, landing gear, tail section. Make an offer! Contact Tom Patton for further information. Phone: 706-863-1979 e-mail: tomalpat@aol.com

Suzuki three wheel trike FOR SALE

Member George Weiss says that he was 90 years old in January, 2017. So, though he uses it often, he now wants to sell his Suzuki three wheel trike. It is a model C50 2007 Tramp VL800K Cred with black trim. It has only 2590 miles with good tires. Very good condition. George is asking \$8000 or best offer

Phone: 706-910-0623 e-mail: weiloan@yahoo.com



stock photo of a 2007 Suzuki three wheel trike C50 Tramp

**Quicksilver MX Sprint** Single place - high wing - Single Engine Wing Span 18'- 1" Empty Weight 250 lbs. (true ultralight!) Gross Weight 525 lbs. Useful load: 275 lbs. **Engine: Rotax 447** Fuel capacity: 5 U.S. gallons Takeoff distance 50' obstacle: 200 feet Rate of climb: 900 ft/min Landing distance: 200 feet Maximum level speed: 54 mph Also included with sale is a Rotax 503 engine that needs servicing/rebuilding. Located at an airstrip near Blythe, Georgia in a covered hangar. For the full version of this ad with much more information click on: For Sale: Ouicksilver MX Sprint

**Club Member Aaron Ramsey still has this aircraft for sale:** 



ASKING: \$4,500 OBO This ad was NEW 01/27/14 Contact Aaron Ramsey e-mail: <u>veryhappyhouse@bellsouth.net</u> Phone number: Cell: 803-292-2235

### EAA 172 MEMBER KEITH ROBBINS STILL HAS THIS ENGINE FOR SALE:

### Continental O-300-D engine with Airflow Performance injection.

Engine log included. TT 2274. SMOH 1135. Cylinders replaced STOH 62.4 Custom Full flow intake manifolds. \*Injectors and log manifolds installed and tested by Airflow Performance in South Carolina.

\*Engine stored in shipping box, turned, and cylinders blown with oil.

\*Engine attached to a custom mount.

\*New plugs and wires.



**Continental O-300-D lower side** 



Continental O-300-D bottom & frame

Contact Keith Robbins by e-mail: <u>kcr83406@yahoo.com</u> For the full version of this ad, with enlargements, click on: <u>For Sale: Continental 0-300-D engine</u>

## UPCOMING EVENTS

*Listings on the "Upcoming Events" pages are often revised. Check the <u>Calendar</u> on the EAA 172 Website for any changes.* 

# **October 2017**

Friday-Sunday, October 6 - 8: *VAA Chapter 3 Fall Vintage Fly-In* Camden, SC, WOODWARD FIELD (CDN) (Elevation 302 feet. Runway 6/24: 5000 x 100 ft. Asphalt, in good condition; Runway 14/32: 2998 x 100 ft. Asphalt, in fair condition. GPS: 34°17.015' N 80° 33.892' E; CTAF/UNICOM: 123.0 -- Zip code: 29020. Fuel: 100LL).

Sunday, October 8 - South Carolina Breakfast Club on the airport. Transportation provided to and from hotels, airport, and banquet facility. Headquarters Hotel: Comfort Inn, Camden 803-425-1010

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# Saturday, October 7: Fly-in at the Hacienda De Gay BIRTHDAY CELEBRATION FLY-IN DON GAY'S WIFE LANGGA IS TURNING 65! DON IS INVITING YOU TO FLY-IN AND HELP HIM CELEBRATE

## WHERE? The HACIENDA DE GAY COORDINATES: GPS coordinates are: 32 39.82'N / 82 04.47'W.

You can come any time during the day. Eating will start about 4:00 PM. NO PRESENTS! There will be markings about where to park. Elevation is 300 feet and the CTAF is 122.9. Remember to land coming in over the pond on runway 17, NO MATTER WHAT THE WIND DIRECTION IS! The runway is grass, 2000 feet long, and has been widened. It has an open space of 100 feet on each side of the runway. The airstrip, starting at the pond edge, has a gradual incline for about 500 feet, then tapers off to a slight incline to the opposite end. AIRNAV airport information: http://www.airnav.com/airport/7GA3

Sunday, October 8: *SOUTH CAROLINA BREAKFAST CLUB* at Woodward Field Airport, Camden, SC (CDN) CTAF/UNICOM: 123.0. ZIPcode 29020. A home cooked southern breakfast, great fellowship and flying! Arrival: 7:30 - 9:00 AM. Breakfast: Between 9:00 & 9:30 - 11:00 AM. Departure: 11:30 AM. Contact: Wendy Griffin 803-446-0214 e-mail info@flyscbc.com. Click <a href="http://www.airnav.com/airport/CDN">http://www.airnav.com/airport/CDN</a> for airport info. For driving directions click on Woodward Field. SCBC Website. SCBC on Facebook.

Friday - Sunday, October 13 - 15: *Florida International Air Show (FIAS)* Punta Gorda Airport, Punta Gorda, Florida (KPGD) 10:30 AM The event will showcase a variety of military and civilian aircraft, support vehicles, pilots who will be performing and providing rides, dozens of aircraft on display, a Kid Zone, and helicopter rides.

Some of the features of the event include: U.S. Air Force F-35 Heritage Flight Team U.S. Air Force 53rd WRS Hurricane Hunters C-130 (static display) U.S. Army Golden Knights "Quicksilver" P-51 Mustang (Class of 45) "Korean War Hero" F4U-4 Corsair (Class of 45) Redline Airshows Twin RV8s Greg Koontz & the Alabama Boys Saturday, October 14: *EAA 172 – RV-14 presentation meeting* 10:30 AM at Augusta Aviation at Daniel Field, Augusta, Georgia. This will be in the second floor portion of the <u>Augusta Aviation FBO</u> at the Daniel Field Airport (DNL). We will have coffee & pastries. Then around 11:00 AM the builders of the RV-14 will begin their presentation. Augusta Aviation personnel told us that there is no auto parking fee. Also, there will be no ramp/tie-down charge for those flying in for the meeting. All the pilots have to do is to say that they are with EAA 172. Runways 05/23 & 11/29 CTAF/Unicom: 123.05 mhz. Runway 05/23: 4002 x 100 ft. asphalt, in good condition; runway 11/29 3733 x 100 ft. asphalt, in good condition; elevation 422'. 100LL & Jet A available. Augusta Aviation (FBO), 1775 Highland Ave., Augusta, Georgia 30904. Phone 706-833-8970. You can fly in or drive. Park your car in the Highland Ave. parking lot next to the Augusta Aviation building. *For complete airport information click: Daniel Field Airport For driving directions click on Daniel Field directions*.

For more information contact EAA 172 president Al Nodorft, (706) 955-1049 eMail: <u>Nodorft@Hotmail.com</u> or e-mail <u>EAA172@jcmservices.net</u>.

Sunday, October 15: *SOUTH CAROLINA BREAKFAST CLUB* Sumter Municipal Airport, Sumpter, South Carolina (SMS) CTAF/UNICOM: 122.7 ZIP code 29153. A home cooked southern breakfast, great fellowship and flying! Arrival: 7:30 - 9:00 AM. Breakfast: Between 9:00 & 9:30 - 11:00 AM. Departure: 11:30 AM. Contact: Wendy Griffin 803-446-0214 e-mail info@flyscbc.com. Click http://www.airnav.com/airport/KSMS for airport info. For driving directions click on <u>Sumter Airport</u>. SCBC <u>Website</u>. SCBC on <u>Facebook</u>.

Friday - Sunday, October 20 - 22: *Wings Over North Georgia Fly-in* at the Richard B. Russell airport, Rome, GA. (RMG) The 2017 performer line-up is headlined with the <u>USN Blue Angels</u> Also there will be the <u>USMC C-130 Blue Angels "Fat Albert", AeroShell Aerobatic Team, NY ANG C-17 Gobmaster III Demo</u> <u>Team, Wild Blue Airshows</u>, the <u>USSOCOM Para-Commandos</u>, Buck Roetman-Wild Horse Aviation, Sky Soldiers <u>Cobra Demo Team</u>, and the <u>Smoke-n-Thunder Jet Car Show</u>. For additional attractions see PERFORMERS. ALSO SEE THE SCHEDULE

<u>PERFORMERS.</u> ALSO SEE THE <u>SCHEDULE</u> Driving directions: <u>Richard B. Russell Airport</u>. Fly-in Website: Wings Over North Georgia

Thursday, October 26: *EAA 172 monthly "get-together" -- Social Meeting* 6:30 PM -- This is a monthly nonbusiness social gathering held on the fourth Thursday. This month's location is the Augsburg Haus Restaurant, 4460 Washington Road, Evans, Georgia 30809. Phone: 706-667-8181. For questions contact Shirley Harden 706-855-1553 e-mail: <u>ghardensr@comcast.net</u>.

Friday - Saturday, October 27 - 28: *AOPA Regional Fly-In* at the Peter O. Knight Airport (<u>KTPF</u>) Tampa, Florida 33606. CTAF/UNICOM: 122.725. "Officials at our host airport Peter O. Knight called AOPA soon after Hurricane Irma passed through the state to confirm that the airport did not sustain any major damage and that it could support the two-day event," said AOPA Director of Outreach Chris Eads. "We feel that now, one of the best things we can do to continue to support Florida residents is to participate in helping businesses return to normal, and that's what continuing to host the fly-in will help do at Peter O. Knight," he continued. The Tampa Fly-In takes off Friday, Oct. 27, with workshops (registration required) about water survival techniques, instrument proficiency, aircraft maintenance, and combining learning, inspiration, and adventure with aviation. A Barnstormers Party will follow the all-day workshops on Friday evening.

# AOPA Website about the Tampa, Florida Regional Fly-in

Sunday, October 29: SOUTH CAROLINA BREAKFAST CLUB Orangeburg Municipal Airport, two miles south of Orangeburg, South Carolina (KOGB) CTAF/UNICOM: 122.7. ZIPcode 29115. A home cooked southern breakfast, great fellowship and flying! Arrival: 7:30 - 9:00 AM. Breakfast: Between 9:00 & 9:30 - 11:00 AM. Departure: 11:30 AM. Contact: Wendy Griffin 803-446-0214 e-mail <u>info@flyscbc.com</u>. Click <u>http://www.airnav.com/airport/KOGB</u> for airport info. For driving directions click on <u>Orangeburg Municipal Airport</u>. SCBC Website. SCBC on <u>Facebook</u>.

# November 2017

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Saturday, November 11: *EAA 172 Election Meeting* 12:30 PM at the Pea Patch Aerodrome (61GA). We will enjoy a fine meal as well as side dishes and many delicious varieties of desserts. The meal is at 12:30 PM at the Pea Patch Aerodrome (61GA). Runway 01/19: 2500' x 150' sod -- good --; GPS: 33° 18.08' N / 82° 10.46' W; Elevation 434', 4511 Boulineau Rd., Blythe, Georgia, 30805. UNICOM 122.7 mhz. For more information contact EAA 172 president Al Nodorft, (706) 955-1049 *eMail: Nodorft@Hotmail.com* or e-mail *EAA172@jcmservices.net*. Click <u>HERE</u> for directions (both land and air). Click <u>HERE</u> for the Mapquest directions. Click <u>http://www.airnav.com/airport/61GA</u> for airport info. For the meeting agenda click <u>HERE</u>.

Sunday, November 12: SOUTH CAROLINA BREAKFAST CLUB East Cooper Airport, nine miles NE of Mount Pleasant, South Carolina (*was* 8S5 *now* KLRO) CTAF/UNICOM 122.7. ZIPcode 29464. A home cooked southern breakfast, great fellowship and flying! Arrival: 7:30 - 9:00 AM. Breakfast: Between 9:00 & 9:30 - 11:00 AM. Departure: 11:30 AM. Contact: Wendy Griffin 803-446-0214 e-mail <u>info@flyscbc.com</u>. Click <u>http://www.airnav.com/airport/KLRO</u> for airport info. For driving directions click on <u>East Cooper Airport</u>. SCBC <u>Website</u>. SCBC on <u>Facebook</u>.

Thursday, November 23: Thanksgiving Day

Thursday, November 23: *EAA 172 monthly "get-together" -- Social Meeting* 6:30 PM -- This is a monthly nonbusiness social gathering held on the fourth Thursday. Because of all the holiday happenings this month (Today is Thanksgiving!) and next month, there will be no EAA 172 social "get together" this month. The next one will be January 25, 2018, when Virginia Bush will be handling the details. For questions contact Virginia Bush 706-554-5618 e-mail: <u>donr.bush@yahoo.com</u>.

Sunday, November 26: *SOUTH CAROLINA BREAKFAST CLUB* Fairfield County Airport, Winnsboro, SC (KFDW) CTAF/UNICOM: 123.05. ZIPcode 29180. A home cooked southern breakfast, great fellowship and flying! Arrival: 7:30 - 9:00 AM. Breakfast: Between 9:00 & 9:30 - 11:00 AM. Departure: 11:30 AM. Contact: Wendy Griffin 803-446-0214 e-mail info@flyscbc.com. Click http://www.airnav.com/airport/KFDW for airport info. For driving directions click on Fairfield County Airport. SCBC Website. SCBC on Facebook.

# NAME THAT PLANE **Pilatus PC-6 Porter**

The Pilatus PC-6 Porter is a single-engined STOL utility aircraft designed by Pilatus Aircraft of Switzerland. First flown in 1959, the PC-6 continues in production at Pilatus Flugzeugwerke in Stans, Switzerland. It has been built in both piston engine- and turboprop-powered versions and was produced under license for a time by Fairchild Hiller in the United States. The first flight Of the Pilatus PC-6 was May 4, 1959. The number built (as of August, 2017) was 595. Due to the type's favorable STOL characteristics, described by *Flying Magazine* as being "one of the most helicopter-like airplanes in terms of takeoff performance", Pilatus has deliberately marketed the PC-6 towards helicopter operators at times, feeling the type to be complementary to their typical mode of operation. According to Pilatus, the PC-6 can provide very similar surveillance capabilities to a rotorcraft at a significantly lower cost to operate and procure. A number of Fairchild Hiller-built PC-6s were also procured for military operations during the Vietnam War. It received the designation AU-23A Peacemaker for service with the U.S. Air Force. The Peacemaker was fitted with a side-firing 20mm XM-197 Gatling cannon, four wing pylons and a center fuselage station for external ordnance. However, the AU-23A proved to be troublesome in service. All of them were returned to the continental U.S. and placed into storage after only a single year of operation. The majority of aircraft are powered by a single Pratt & Whitney Canada PT6A turboprop engine, which drives a fully reversible, constant-speed, three-bladed Hartzell aluminum propeller via a reduction gearbox. Pilatus claims that it possesses unique STOL capabilities, capable of landing in places only otherwise accessible by rotorcraft. It is fully capable of being operated from unprepared rough airstrips, in remote areas, hot climates and at high altitudes in all-weather conditions. In particular, the undercarriage employed provides for high wing and propeller clearances, making the PC-6 less susceptible to damage than conventional nosewheel-type undercarriages. For further landing versatility, various types of landing gear may be optionally installed allowing it to operate from different types of terrain; options include floats for water landings and skis for landing on snow.

(Data and information from Pilatus PC-6 Porter webpage-<u>Pilatus PC-6 Porter</u>, Pilatus Aircraft-<u>"PC-6: The World's Leading STOL"</u>, The PILATUS  $\begin{array}{l} \label{eq:porter} PORTER World \rightarrow \underline{ALL \ ABOUT \ THE \ FAMOUS \ PC-6 - A \ WORLDS \ LEADING \ STOL, \ Flying \ Magazine \ April \ 1962 \rightarrow \underline{Pilot \ Report: \ Pilatus \ }, \ San \ Diego \ Air \ and \ Space \ Museum \ Archive \ \rightarrow \underline{PC-6 \ Porter}, \ Flying \ Magazine \ \rightarrow \underline{Pilatus \ Discontinues \ PC-6 \ Porter}, \ wikipedia \ \rightarrow \underline{Pilatus \ PC-6 \ Porter}) \end{array}$ 

# **Pilatus PC-6 Porter**

### **General characteristics**

Data from Jane's All The World's Aircraft 1993–1994 & Pilatus Aircraft

Crew: one, pilot Capacity: up to ten passengers Payload: 2,491 lb. Length: 36 ft. 1 in. Wingspan: 52 ft. 0 <sup>3</sup>/<sub>4</sub> in. Height: 10 ft. 6 in. Wing area: 324.5 sq. ft. Empty weight: 2,800 lb. Maximum takeoff weight: 6,173 lb. Powerplant: 1 × Pratt & Whitney Canada PT6A-27 turboprop, 550 shp (downrated from 680 shp)



Fairchild AU-23A Peacemaker (military name for the Pilatus PC-6 Porter) with XM197 20mm cannon.

### **Performance**

Never exceed speed: 151 knots, 174 mph. Maximum speed: 125 knots, 144 mph. Cruise speed: 115 knots, 132 mph. at 10,000 ft. Stall speed: 52 knots, 60 mph. (flaps down, power off) Rate of climb: 941 ft/min Range: 394 nmi, 453 miles with maximum payload Ferry range: 870 nmi, 1,002 miles with maximum internal and underwing fuel Service ceiling: 25,000 ft.

# The deadline date is October 29 for any articles for the November issue of the Pea Patch Post.

Thursday, October 26: EAA 172 monthly "get-together" – Social Meeting 6:30 PM. This month's location is the Augsburg Haus Restaurant, 4460 Washington Road, Evans, Georgia 30809. Phone: 706-667-8181.

### SOUTH CAROLINA BREAKFAST CLUB

Sunday, October 8: Woodward Field Airport, Camden, SC (CDN)

Sunday, October 15: Sumter Municipal Airport, Sumpter, South Carolina (SMS)

Sunday, October 29: Orangeburg Municipal Airport, two miles south of Orangeburg, South Carolina (KOGB)

Sunday, November 12: East Cooper Airport, nine miles NE of Mount Pleasant, South Carolina (KLRO)

Sunday, November 26: Fairfield County Airport, Winnsboro, SC (KFDW)

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