

UPCOMING EVENTS

Listings on the "Upcoming Events" pages are often revised. Check the [Calendar](#) on the EAA 172 Website for any changes.

November 2013

Sunday, November 3: SOUTH CAROLINA BREAKFAST CLUB Orangeburg Municipal Airport, two miles south of Orangeburg, South Carolina (KOGB) CTAF/UNICOM: 122.7. ZIPcode 29115. Arrival: 7:30 - 9:00 AM. Breakfast: Between 9:00 & 9:30 - 11:00 AM. Departure: 11:30 AM. Contact: Anne Hawkins (803) 432-9595. Click <http://www.airnav.com/airport/KOGB> for airport info. For driving directions click on [Orangeburg Municipal Airport](#) .

Saturday, November 9: **Keith Brock Memorial Fly-in** at the Jenkins County Airport, Millen, Georgia (2J5) CTAF 122.9; GPS coordinates: 32° 53.63'N / 81° 57.91' W; Runway 17/35: 5000' x 100'. On US Highway 25 at the left just before getting into Millen (coming from the north)-- A "**Celebration**" in honor of Keith Brock who passed away in 2006 and was the host in the years prior to that. Aircraft may include ultralights, gyrocopters, home-builts, experimentals, conventional aircraft - both classic and new -- and an Air Vac helicopter. There will also be an antique car show. ATTENDANCE IS FREE FOR THE PUBLIC! Aircraft rides will be available for a nominal fee. FOR PILOTS AND COMPANIONS: Free coffee & Danish will be served from 9:00 AM to lunchtime. Free lunch will be served at 12:00 noon. Lunch will be available to the general public for a nominal fee. Enjoy grilled hot dogs and hamburgers, sweet tea, sodas. So come around 9:00 AM to look at the aircraft coming in before eating, then stay as long as you like. For fly-in information contact Don Gay 478-982-8526 eMail: dgay@glsp.org For airport information click on [Jenkins County Airport](#). For driving directions click on [Jenkins County Airport Directions](#)

Sunday, November 17: 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. Arrival: 7:30 - 9:00 AM. Breakfast: Between 9:00 & 9:30 - 11:00 AM. Departure: 11:30 AM. Contact: Anne Hawkins (803) 432-9595. Click <http://www.airnav.com/airport/KLRO> for airport info. For driving directions click on [East Cooper Airport](#) .

Thursday, November 28: EAA 172 monthly "get-together" -- Social Meeting 6:30 PM -- This is a monthly non-business 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 23, 2014. For questions contact Sheila Connell 803-279-7250 e-mail: conl6356@comcast.net .

December 2013

Sunday, December 1: SOUTH CAROLINA BREAKFAST CLUB Fairfield County Airport, Winnsboro, SC (KFDW) CTAF/UNICOM: 123.05. ZIPcode 29180. Arrival: 7:30 - 9:00 AM. Breakfast: Between 9:00 & 9:30 - 11:00 AM. Departure: 11:30 AM. Contact: Anne Hawkins (803) 432-9595. Click <http://www.airnav.com/airport/KFDW> for airport info. For driving directions click on [Fairfield County Airport](#) .

Saturday, December 14: Annual EAA 172 Christmas Party at 12:30 PM at the Pea Patch Aerodrome (61GA); runway 01/19: 2500' x 150' sod -- fair --; GPS: 33° 18.08' N / 82° 10.46' W; Elevation 434' , 4511 Boulineau Rd., Blythe, Georgia, 30805. UNICOM 122.7 mhz. We will be having fried turkey. Those whose last names begin with A-M please bring desserts; those whose last names begin with N-Z please bring side-dishes. **Please bring an unwrapped toy for a girl or boy for the CMC (Children Medical Center) at MCG / GHSU (Georgia Health Sciences University) - GRUA - Georgia Regents University Augusta.** Click <http://www.airnav.com/airport/61GA> for airport info. For Christmas Party information contact Sid Brown (706) 814-8853 eMail: sid@thesidbrowns.com or John Magnan (706) 547-3607 eMail: jcm2@earthlink.net Click [HERE](#) for directions (both land and air). Click [HERE](#) for the Mapquest directions. Click <http://www.airnav.com/airport/61GA> for airport info. For the agenda click [HERE](#).

NAME THAT “PLANE”

AutoGyro Calidus

The AutoGyro Calidus is a German autogyro – gyroplane – designed and produced by [AutoGyro GmbH](#) of [Hildesheim](#), Germany. The aircraft can be supplied as a complete ready-to-fly-aircraft. The Calidus features a single main rotor, two-seats in tandem, enclosed cockpit with a complete aerodynamic cockpit fairing, tricycle landing gear with wheel pants, and a four cylinder, air and liquid-cooled, four-stroke, dual-ignition 100 hp Rotax 912 ULS engine or a turbocharged 115 hp Rotax 914 Turbo engine in pusher configuration. The kit manufacturer is [AUTOGYRO GMBH](#).

Unlike the earlier Bensen “gyrocopters” in the U.S. and even the later, larger, enclosed gyroplanes suited for just flying around an airport or for short flights, the Calidus is “perfectly equipped for long-haul flights.” Since its launch in late 2009, Calidus enjoys ever increasing popularity and “turns heads everywhere it goes.” Being fully enclosed, the Calidus offers total pilot protection from the elements and it offers its pilots and passengers the uppermost in comfort. Its options include a heated or air-conditioned cockpit, seat cushions, anti collision and landing lights, transponder, panel mounted GPS options, and luggage lockers. The Calidus is often popular with pilots who come into the gyroplane sector with some experience flying fixed wing aircraft or helicopters. Like all AutoGyro-brand aircraft, the Calidus has been designed and manufactured to the very highest of standards from their base of operations in Germany. It is built with high grade materials and modern engineering technologies to create an aircraft which is “both inherently safe and a joy to fly.” These aircraft are now registered in Australia, Canada, Czech Republic, Denmark, France, Germany, Hungary, Iraq, Italy, Latvia, Lithuania, New Zealand, Qatar, Russia, Slovakia, Slovenia, South Africa, Sweden, Turkey, Ukraine, United Kingdom, and the USA including the one that flew in on Friday for the Wrens Fall Fly-in. That one, [N215PM](#), was registered in the U.S. 10/17/2013 as an Experimental Amateur Built aircraft with an Airworthiness date of 01/29/2013.

(Data and information from [AutoGyro GmbH](#), [Czech Autogyros - Calidus](#), [Nirvana Autogyro](#), [Autogyro Australia](#), [Airgyro Aviation](#), [Czech Flight Manual in English](#), [Gyro-Directory.com](#), [South Africa Popular Mechanics](#), [Modern Autogyros Blogspot](#), [UK Gyro Air Displays](#), [Pictaio Aerospace – U.S.](#), [Wikipedia](#))

AutoGyro Calidus Specifications

(Gleaned from several sources listed in the “Data and information” references above. Specifications vary according to the load carried and the equipment on the aircraft.)

General characteristics

Crew: one; Capacity: one passenger
Empty weight: 660 lb.
Max Take-Off Weight 880 lbs.
Fuel capacity: 20 gallons; long range fuel tank available.
Powerplant: 1 × Rotax 912 ULS four cylinder, liquid and air-cooled,
four stroke aircraft engine, 101 hp. or a Rotax 914 UL (Turbo with 115 hp.)
Main rotor diameter: 27 ft 7 in.
Propeller: 3-bladed variable pitch composite
Height 9 ft., Width 6 ft., Length (excluding rotor) 16 ft.

Performance

Cruising speed: 99 mph; 86 knots
VNE (max speed) 120 mph
Min Speed 20 - 25 mph
Rate of climb: 1200 ft/min
Take-Off Distance 33 - 230 ft.
Landing Distance 0 – 49 ft.
Fuel Burn 3 – 5 gal/hr
Range up to 4 hrs. endurance; 8 hrs. with long range fuel tank.



A better view of the Calidus cockpit. Both this photo and the one on page 1 are from Nirvana Autogyro in the Czech Republic.

If you did not receive a mailed newsletter but only the e-mailed *Pea Patch Post* and you also wanted the mailed version you need to contact the club Secretary at EAA172@jcmservices.net and indicate that you want the newsletter mailed to you. This should be done by deadline date, which for December is November 30, which is also the deadline for any articles for the December issue. Note that mail has recently slowed so it may take at least two days from the mailing date for you to receive the newsletter. Mailing the *Pea Patch Post* costs EAA 172 \$23 annually per recipient. Also note that if you have the newsletter mailed, and do not inform the EAA 172 Secretary about an address change, the Postal Service will charge you a 50 cent fee for mail forwarding.