
August 2015

Sunday, August 2: **SOUTH CAROLINA BREAKFAST CLUB** Lee County-Butters Field Airport, Bishopville, South Carolina (52J). ZIPcode 29010. CTAF/UNICOM: 122.9. **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/52J> for airport info. For driving directions click on [Butters Field airport](#). [SCBC Website](#). [SCBC on Facebook](#).

Saturday, August 8: **EAA 172 Barbecue Fly-in 12:30 PM**. We plan to have delicious barbecued chicken in the cool, air conditioned comfort of the EAA 172 Clubhouse at the Pea Patch Aerodrome (61GA). A short business meeting will be around 1:00 PM after the meal. 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 Sid Brown 762-245-8103 eMail: sid@thesidbrowns.com or e-mail EAA172@jcmservices.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 meeting agenda click [HERE](#).

Sunday, August 16: **SOUTH CAROLINA BREAKFAST CLUB** Greenville Downtown Airport, Greenville, South Carolina (KGMU) UNICOM 122.95; CTAF 119.9. ZIPcode 29607. **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/KGMU> for airport info. For driving directions click on [Greenville Downtown Airport](#). [SCBC Website](#). [SCBC on Facebook](#).

Sunday, August 30: **SOUTH CAROLINA BREAKFAST CLUB** Anderson Regional Airport, Anderson, South Carolina (KAND). CTAF: 123.6; UNICOM: 122.95. ZIPcode 29626. **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/KAND> for airport info. For driving directions click on [Anderson Airport](#). [SCBC Website](#). [SCBC on Facebook](#).

Special September 2015 "Look Ahead" information!

It seems that the end of October is perhaps too cold for a shirtsleeves fly-in. A number of pilots who have been to our EAA 172 Wrens Fall Fly-in have requested that we hold it a month earlier. They would then be able to get more pilots to come. So . . . your EAA 172 Board agreed with them and has set new dates for the Fall Fly-in. For the "picky PC people" we know the new dates are not quite in Autumn, which starts on September 23, but you can think of this as our club having a "precocious" not premature Fall Fly-in!

Friday - Saturday, September 18 - 19: **EAA 172 Wrens Fall Fly-in**. At the beautiful Wrens Memorial Airport (65J) CTAF 122.7. Most activities will be on Friday and Saturday with the main activities on Saturday. You may come earlier in the week if you wish. On Saturday there will be a Bar-B-Q lunch which will start serving around noon and run until about 1:00 pm. Refreshments available the remainder of the day. Packing-up day on Sunday. Pattern for the asphalt, main, runway, is left-hand pattern for runway 29 and right-hand for runway 11 at 1450' MSL (1000 ft AGL) unless flying an ultralight or rotorcraft which should use 950' MSL (500' AGL). The parallel grass strip will have a right-hand pattern. CTAF/UNICOM 122.7 mhz. Runway lights on from dusk to dawn. Field elevation 450 feet.

Comfortable pilot lounge with refrigerator, microwave, couches, two restrooms, and hot shower. Motorhomes welcome. Five restaurants and a motel adjacent to the airport at the end of runway 29. Click [Local Businesses](#) for their locations and phone numbers.

DOWNLOAD THE UPDATED [CALENDAR OF EVENTS](#) WHICH HAS THIS AND OTHER CHANGES

NAME THAT PLANE

Windecker Eagle

The Windecker Eagle I has the distinction of being the first all-composite aircraft to receive FAA certification. In 1969, the Eagle I, a four-place, low-wing monoplane, received FAA certification. The Eagle was the product of several years of experimentation by dentists Dr. Leo Windecker and Dr. Fairfax Windecker, working with Dow Chemical Company, to develop lightweight fiberglass reinforced plastic structures for aviation use. The Eagle AC-7 Eagle I was manufactured by [Windecker Industries](#). Six Eagles were completed. The 1970 economic recession was a difficult time for the aircraft industry and Windecker had already invested more than \$20 million in the development of the Eagle. When he could no longer find financial backers, the company closed its doors. In 1977, Gerald Dietrick bought the assets of Windecker and, in 1979, formed the Composite Aircraft Corporation to build the Eagle I. Dietrick's company never went into production because the Eagle was in direct competition with the well-established metal models from Beech, Cessna, Piper, and Mooney.

In effect it seems that the Windecker Eagle was not designed and constructed just to further aviation but to show that plastics produced by Dow could be used to fabricate [plastic structures including airplanes](#). Although that plane was not financially successful, it was the precursor of all the composite aircraft now flying the skies, up to the mighty [Boeing 787 Dreamliner](#). "While Windecker's sons . . . organized tool bins, machined metal, and fabricated wing components, Leo and his wife, Fairfax, researched nonwoven unidirectional fiber and exotic epoxy resins. A patented composite, Fibaloy, resulted: lighter than aluminum, twice as strong." Leo Windecker received twenty-two U.S. patents for all aspects of composite aircraft construction, most of which were assigned [by [Windecker Industries](#)] to the [Dow Chemical Company](#) which funded the research. The original Windecker Eagle, the first composite airplane certificated by the FAA, is currently undergoing a full restoration and should be completed in the summer of 2015.

(Data and information from Smithsonian National Air and Space Museum → [Windecker Eagle I](#), wikipedia.org → [Windecker Eagle](#), Air & Space Magazine → [Plastic airplane](#), Windecker Industries → [Eagle AC-7](#), [Dow Chemical Company](#), EAA eHotline 04/09/15 → [Windecker Eagle restoration](#))

Windecker Eagle

General characteristics

Seating capacity: 4
Length: 28 ft. 7 in.
Wingspan: 32 ft. 2 in.
Height: 9 ft. 6 in.
Empty weight: 2,150 lb.
Gross weight: 3,400 lb.
Powerplant: Continental IO-520C, 285 hp

Performance

Maximum speed: 182 knots; (210 mph) at sea level
Cruise speed: 177 knots; (204 mph) (75% power)
Stall speed: 57 knots; (66 mph) (flaps down)
Service ceiling: 18,000 ft.
Rate of climb: 1,220 ft/min.
Wing loading: 19.3 lb./sq. ft.



The original Windecker Eagle I being restored. It will be the only airworthy example of its kind.

The deadline date is July 26 for any articles for the August issue of the *Pea Patch Post*.

EAA 172 monthly "get-together" – Social Meeting Thursday, July 23 at 6:30 PM:

**This month's location is *Oliviana's Pizzeria and Grill*, in Surrey Center, 399 Highland Ave, Augusta, GA 30909.
Phone number: 706-723-1242.**

SOUTH CAROLINA BREAKFAST CLUB

Sunday, July 5: Newberry County Airport, Newberry, South Carolina (KEOE)

Sunday, July 19: Triple Tree Aerodrome, Woodruff, South Carolina (SC00)(pvt.)

Sunday, August 2: Lee County-Butters Field Airport, Bishopville, South Carolina (52J)

Sunday, August 16: Greenville Downtown Airport, Greenville, South Carolina (KGMU)

Sunday, August 30: Anderson Regional Airport, Anderson, South Carolina (KAND)

To read the entire *Pea Patch Post* type the following into your Browser: <http://jcmservices.net/PeaPatchPost0715.PDF>