

NAME THAT PLANE

MONO AIRCRAFT MONOCOUE 90AF and 90AL

As opposed engines began to take over the general aviation market, the Monocoupe 90AF and 90AL were put into production. They were basically standard two-place model 90s, with either a Franklin or a Lycoming opposed engine. Although not as aesthetically pleasing as the radial versions, the opposed-engine models were much more reliable, aerodynamically cleaner, and more cost-efficient to operate. They also offered their owners more hours between overhauls and better visibility over the nose. These advantages were so significant that a few radial-engine Monocoupe owners converted their airplanes to opposed power plants. Unfortunately, however, the new opposed-engine models were not sufficient to save the struggling company from financial ruin. The labor required to build these airplanes was so expensive that the Monocoupe was priced out of the mass production market.

General characteristics

- * Crew: one, pilot
- * Capacity: 1 passenger
- * Length: 20 ft 10 in.
- * Wingspan: 32 ft 0 in.
- * Height: 6 ft 11 in.
- * Empty weight: 973 lb.
- * Loaded weight: 1,490 lb.

Performance

- * Maximum speed: 100 knots (115 mph)
- * Range: 470 nm (540 miles)
- * Service ceiling: 15,000 ft.
- * Power/mass: 0.06 hp/lb.

The Monocoupe 90AL-115 in the photo is currently owned by Allen Cassens, Edwardsville, Illinois. It was manufactured in 1948 and has a Lycoming O-290 engine.

BALDO



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Sport Aviation EAA Chapter 172 Membership Form

Name: _____

Birthday (day, month) _____

Spouse or Significant Other's Name: _____

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Anniversary date (day, month) _____

Address: _____

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Email address: _____ Even if you have email would you like to save the club \$12 annually and receive the newsletter only by e-mail, not by USPS mail – check here if you agree:

EAA Number (if you belong to the national EAA): _____

If you're a pilot, your ratings: _____ Hours: _____

Aircraft owned, including tail number: _____

Please complete this form and return it to:

**Pea Patch Aerodrome
4511 Boulineau Road
Blythe, Georgia 30805-3605**

Please include a check or money order made out to EAA 172 for \$30.

Thank you for your support!

