George Bogardus Archive

Chris Riedener EAA 105

Fly an Experimental? Thank George Bogardus!

OAHS blog August, 23rd 2023

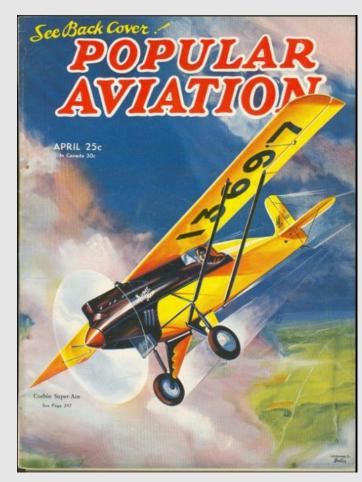


George Bogardus a brief biography

- Born about 1914 Cascade Locks, OR
- Moved to Portland 1926. Meets Les Long in 1929
- A regular at Bernards Airfield, Beaverton mid 1930s
- Ryan Flight School Hemet, CA 1937 to 1942
- Cofounded American Airmen's Association with Frye and Long 1942
- Drove '37 Chevy to Washington, D.C. petitioned CAB for the right to register and fly home-built airplanes 1946
- Homebuilt aircraft are added to the experimental category 1947
- Flew Little Gee Bee (NX) to Washington, D.C. in 1947, 1948, and 1951
- Inducted into EAA Home Builders Hall of Fame 1993
- Died 1997 leaves estate to EAA Chapter 105

Amateur built aviation between the wars

- WWI accelerates aircraft technology 1914 1918
- Aviation in the U.S. rapidly develops 1920s
- Lindbergh crosses the Atlantic 1927
- Aviation fever!
- Great Depression 1929 1939
- Government regulation increases 1930s 1940s
- WWII 1939 1945
- Post war aviation bubble
- George Bogardus petitions for EAB 1946



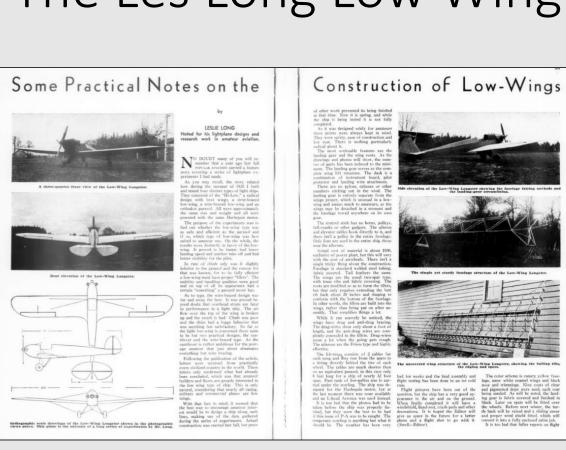
Corben Super Ace 1935

Leslie (Les) Long 1889 – 1945 Cornelius, OR

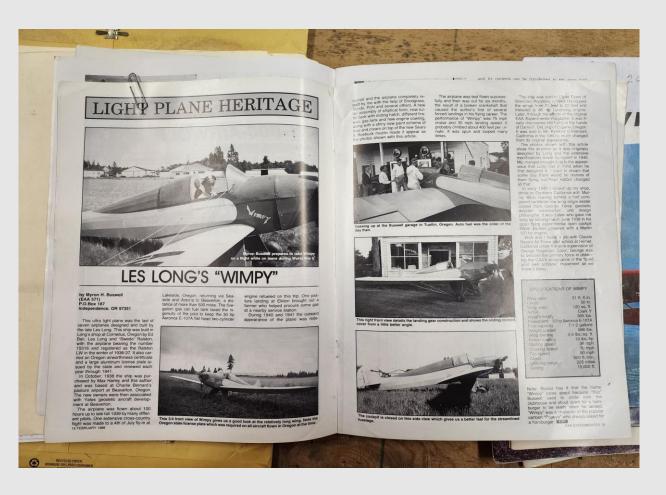
- Ran an electric fence business and repaired radios
- Airplane home builder, experimenter, and author
- Published many articles Modern Mechanics, Popular Aviation, etc.
- Started the Amateur Aircraft League early 1930s
- Sold an unknown number of airplane kits and plans
- Designed seven different home-builts, constructed 11 airplanes, and about a dozen Harlequin motors.
- Hand built propellers for many home builders
- Experimented with various high, mid and low wing designs determined low wing, wire braced design was best for EAB
- Influenced the design of Wimpy, Little Gee Bee and the Story airplanes

Support the AMATEUR AIRCRAFT LEAGUE for Freedom!—send a stamped envelope to Leslie Long, Chairman, Cornelius, Oregon—for complete details on A. A. L.

The Les Long Low Wing



Popular Aviation June 1937 by Les Long



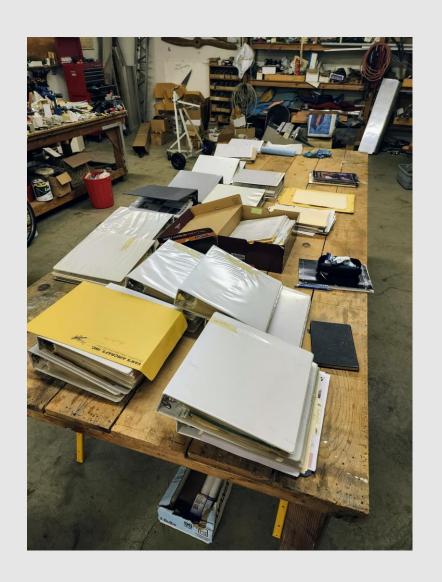
EAA Experimenter February 1988 by Myron Buswell

The Beaverton Outlaws

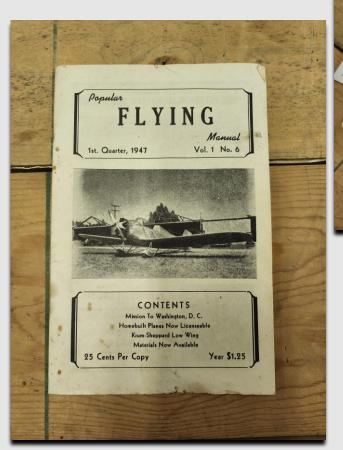
- Oregon was progressive, had unique state level aviation laws
- Charlie Bernard's field in Beaverton became a haven for home builders in the 1930s
- Federal management of aviation was developing alongside aviation
- Nation regulation was needed to standardize aircraft design, manufacturing, licensing, and to regulate airline travel
- Home builders were left out of the equation...
- By the 1940s Federal laws were encroaching on Oregon home builders' freedom to build, and fly their own airplanes
- WWII suspended all civil aviation on the west coast CA, OR, WA

What's in the archive?

- 20+ binders and boxes
- Photos
- Scrapbooks news and magazine articles
- Triple A Flyer and Popular Flying Manual the AAA newsletters
- Correspondence 1940s 1950s
 - Government
 - Letters from AAA members to George
 - Letters from Les Long to George
 - GB's personal documents
- Little Gee Bee airframe and engine logbooks
- OX-5 Club documents very early Oregon aviation
- Little Gee Bee restoration and donation documents
- Wonderful 1940s 1950s era references and patina



Oregon Aviation History, the Bogardus story

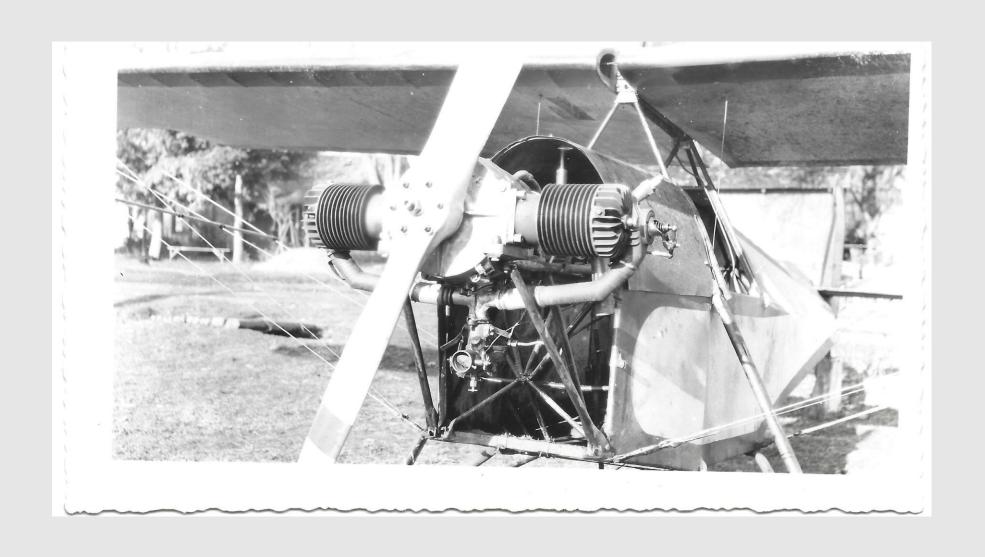




What's next?

- Make a list or rough catalog of the archive's entire contents. This is needed to discuss digitization, or disposition of the archive
- Quantify the archive's value to researchers, authors, historians
- Develop recommendations for the archive's long-term preservation and access by the public
- Present my recommendations to the EAA 105 and Bogardus Trust Boards
- Help develop and promote the story of early Oregon aviation which includes a long list of builders, aviators, and mechanics

Researcher's Dilemma – a shoe box full of photos



Leslie Long Harlequin motor circa 1930 - 1935

- Two cylinder engine designed and built by Les Long using Harley Davidson motor cycle cylinders. Appears to have a model A Ford Zenith carburetor
- 30hp @2650rpm
- Possibly installed on a Harlequin Longster, an airplane designed and built by Les Long
- Propeller hand built by Les Long
- Photo likely taken at Les Long's farm in Cornelius, Oregon
- Notes: One of 10 photos in a series. See <u>The Long Harlequin Motor</u> by Leslie Long Modern Mechanics And Inventions 1931 Flying And Glider Manual. <u>Washington County, OR</u> has similar photos of the airplane in flight.

The End – see how EAA 105 restored Little GB



References

- 1. George Bogardus, The Homebuilder's Advocate by Bob Whittier pp 29-34. EAA Experimenter December 1993
- 2. The Henderson Longster by George A. Hardie, Jr pp 31 34. EAA Experimenter December 1987
- 3. The Low Wing Longster by George A. Hardie, Jr pp 28 29. EAA Experimenter Janurary 1988
- 4. Bogardus, Poberenzy and Wittman Inducted into Home Builders Hall of Fame pp 3. EAA Experimenter November 1993
- 5. The Story Story by Peter M. Bowers pp 4 5. EAA Sport Aviation June 1960
- 6. Little Gee Bee by George Bogardus pp 12 13 EAA Experimenter March 1988
- 7. Les Long's Wimpy by Myron H. Buswell pp 18 19 EAA Experimenter February 1988
- 8. Chapter 105 The Continuation of A Tradition by Dean Sigler pp 26 29. EAA Sport Aviation September 1964
- 9. The Home Builder Bows Out (copy) by Leslie Long p 27 28, 102 Flying and Popular Aviation June 1941. See: Google Books, search: Leslie long harlequin motor
- 10. Some Practical Notes on the Construction of Low Wings by Leslie Long Popular Aviation 1937-06: Vol 20 Iss 6. This is clearly the prototype for Wimpy, Little Gee Bee, the Story airplanes, etc.
- 11. The Long Harlequin Motor by Leslie Long Modern Mechanics And Inventions 1931 Flying And Glider Manual