



Smithsonian Institution

Smithsonian National Air and Space Museum Archives

Harold E. Morehouse Flying Pioneers Biographies Collection - Boland Brothers: Frank E., Joseph J. and James P.

Extracted on Mar-29-2024 04:20:35

The Smithsonian Institution thanks all digital volunteers that transcribed and reviewed this material. Your work enriches Smithsonian collections, making them available to anyone with an interest in using them.

The Smithsonian Institution (the "Smithsonian") provides the content on this website (transcription.si.edu), other Smithsonian websites, and third-party sites on which it maintains a presence ("SI Websites") in support of its mission for the "increase and diffusion of knowledge." The Smithsonian invites visitors to use its online content for personal, educational and other non-commercial purposes. By using this website, you accept and agree to abide by the [following terms](#).

- If sharing the material in personal and educational contexts, please cite the Smithsonian National Air and Space Museum Archives as source of the content and the project title as provided at the top of the document. Include the accession number or collection name; when possible, link to the Smithsonian National Air and Space Museum Archives website.
- If you wish to use this material in a for-profit publication, exhibition, or online project, please contact Smithsonian National Air and Space Museum Archives or transcribe@si.edu

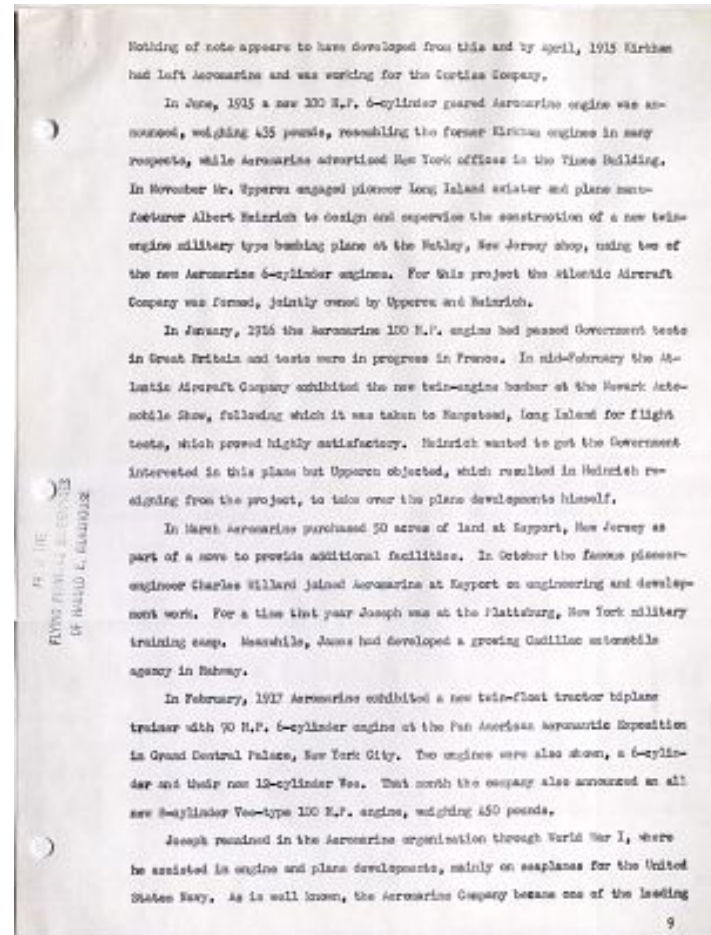
For more information on this project and related material, contact the Smithsonian National Air and Space Museum Archives. [See this project](#) and other collections in the Smithsonian Transcription Center.

[[stamp]]
FROM THE FLYING PIONEERS BIOGRAPHIES OF HAROLD E.
MOREHOUSE
[[/stamp]]

Nothing of note appears to have developed from this and by April, 1915 Kirkham had left Aeromarine and was working for the Curtiss Company. In June, 1915 a new 100 H.P. 6-cylinder geared Aeromarine engine was announced, weighing 435 pounds, resembling the former Kirkham engines in many respects, while Aeromarine advertised New York offices in the Times Building. In November Mr. Upperco engaged pioneer Long Island aviator and plane manufacturer Albert Heinrich to design and supervise the construction of a new twin-engine military type bombing plane at the Nutley, New Jersey shop, using two of the new Aeromarine 6-cylinder engines. For this project the Atlantic Aircraft Company was formed, jointly owned by Upperco and Heinrich.

In January, 1916 the Aeromarine 100 H.P. engine had passed government tests in Great Britain and tests were in progress in France. In mid-February the Atlantic Aircraft Company exhibited the new twin-engine bomber at the Newark Automobile Show, following which it was taken to Hempstead, Long Island for flight tests, which proved highly satisfactory. Heinrich wanted to get the government interested in this plane but Upperco objected, which resulted in Heinrich resigning from the project, to take over the plane developments himself. In March Aeromarine purchased 50 acres of land at Keyport, New Jersey as part of a move to provide additional facilities. In October the famous pioneer-engineer Charles Willard joined Aeromarine at Keyport on engineering and development work. For a time that year Joseph was at the Plattsburg, New York military training camp. Meanwhile, James had developed a growing Cadillac automobile agency in Rahway. In February, 1917 Aeromarine exhibited a new twin-float tractor biplane trainer with 90 H.P. 6-cylinder engine at the Pan American Aeronautic Exhibition in Grand Central Palace, New York City. Two engines were also shown, a 6-cylinder and their new 12-cylinder Vee. That month the company also announced an all new 8-cylinder Vee-type 100 H.P. engine weighing 450 pounds. Joseph remained in the Aeromarine organization through World War I, where he assisted in engine and plane developments, mainly on seaplanes for the United States Navy. As is well known, the Aeromarine Company became one of the leading

9



Harold E. Morehouse Flying Pioneers Biographies Collection - Boland Brothers: Frank E., Joseph J. and James P.
Transcribed and Reviewed by Digital Volunteers
Extracted Mar-29-2024 04:20:35



Smithsonian Institution

Smithsonian National Air and Space Museum Archives

The mission of the Smithsonian is the increase and diffusion of knowledge - shaping the future by preserving our heritage, discovering new knowledge, and sharing our resources with the world. Founded in 1846, the Smithsonian is the world's largest museum and research complex, consisting of 19 museums and galleries, the National Zoological Park, and nine research facilities. Become an active part of our mission through the Transcription Center. Together, we are discovering secrets hidden deep inside our collections that illuminate our history and our world.

Join us!

The Transcription Center: <https://transcription.si.edu>

On Facebook: <https://www.facebook.com/SmithsonianTranscriptionCenter>

On Twitter: [@TranscribeSI](https://twitter.com/TranscribeSI)

Connect with the Smithsonian

Smithsonian Institution: www.si.edu

On Facebook: <https://www.facebook.com/Smithsonian>

On Twitter: [@smithsonian](https://twitter.com/smithsonian)