



Smithsonian
National Air and Space Museum

Brownback Motor Laboratories, Inc. Collection

2007

National Air and Space Museum Archives
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<http://airandspace.si.edu/research/resources/archives/>

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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Brownback Motor Laboratories, Inc. Collection
Identifier:	NASM.1997.0069
Date:	(bulk 1934-1946)
Extent:	0.23 cubic feet ((1 box))
Creator:	Brownback, Henry Lowe.
Language:	English

Administrative Information

Acquisition Information

Mrs. Ernst Hain, Gift, 1997

Preferred Citation

Brownback Motor Laboratories, Inc. Collection, Accession number 1997-0069, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access.

Conditions Governing Use

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Biographical / Historical

Henry Lowe Brownback, the grandson of T. S. Lowe, was born in June 1891 in Norristown, Pennsylvania. In 1912, he received his pilot's license and later received a Masters degree from Cornell University. He went on to work at various motor and engine companies, and eventually became the vice president of the Brownback Motor Laboratories in Norristown, Pennsylvania. From 1925-1929, Brownback was in France, working with Alessandro Anzani. Throughout his life, Brownback held several different occupations including chief machine gun instructor at Cornell University. He also worked as a consulting engineer. Brownback has designed and built many successful airplane engines, and holds patents for airplane engine bearings.

Scope and Contents

his collection consists of photographs, correspondence, brochures and advertisements concerning Brownback Motor Laboratories, Inc. Included here is information on airplane, marine, and automotive motors. Correspondence with and advertisements for the following companies are included: Light Manufacturing and Foundry Company (Tiger Aircraft Engine Division); Auto Engine Works, Inc. (manufacturers of Capitol marine motors); Anzani Aviation Engines; and Hall-Scott Motor Car Company, Inc. Correspondence with Maurice Vasseur, a French motor boat racing champion and manufacturer of airplane propellers is also included in this collection. A Supplementary Instruction Book for the Type A7-a Airplane Engine, an article from Les Ailes May 18, 1946, and the 1938 report of the United States National Museum are included as well. Information on the following engines is included: Hall-Scott A-7-A four cylinder, Tiger, Tiger Junior, Tiger Kitten, Premier Motor, Shark Marine Engines, Lycoming Marine Engines, and six cylinder Aero Motors. Also present in this collection is Brownback's patent application for "Method of Making Bearings, and Product."

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Aeronautics
- Brownback Tiger C-400
- Brownback Tiger Junion 4-Cylinder Opposed
- Brownback Tiger Kitten 2-Cylinder Inline (Model 20)
- Hall-Scott A-7A 4-Cylinder Inline
- Propulsion systems

Types of Materials:

- Advertisements
- Brochures
- Correspondence
- Photographs

Names:

- Brownback Motor Laboratories, Inc.
- Vasseur, Maurice