



Smithsonian

National Air and Space Museum

Richard E. Schreder Papers and Drawings

2008

National Air and Space Museum Archives
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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Richard E. Schreder Papers and Drawings
Date:	(bulk 1930-2000)
Identifier:	NASM.2008.0038
Creator:	Schreder, Richard E. "Dick"
Extent:	11.67 Cubic feet
Language:	English .

Administrative Information

Acquisition Information

Carol Schreder and Karen Schreder Barbera, Gift, 2008

Preferred Citation

Richard E. Schreder Papers and Drawings, 2008-0038, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access.

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Biographical / Historical

Richard E. Schreder (1915-2002) was a naval aviator and American sailplane enthusiast who designed and developed kit sailplanes. Schreder built his first powered aircraft, a single seat aircraft with a Henderson motorcycle engine, at age 19. He received a Bachelor of Science in Mechanical Engineering from the University of Toledo in 1938 and he then joined the US Navy as a Naval Aviation Cadet. Schreder served in the Navy until 1952, rising to the rank of Commander. He won the Distinguished Flying Cross for the sinking of a German U-boat during World War II. After leaving the Navy, Schreder founded a successful drafting supplies business in Toledo Ohio, and continued experimenting with small aircraft. He designed an all-metal low-wing single-seater called the Airmate 5, which won the Experimental Aircraft Association's (EAA) best workmanship award in 1954. Soon after however, Schreder became fascinated with soaring. He bought a Bowlus Baby Albatross and a Schweizer 1-23D before building his own sailplane designs. In 1956 Schreder built the HP-7 which he flew to a four-place finish in that year's US National Championship contest. Schreder's next design, the HP-8 won the 1958 US Nationals and established speed records in the 100, 200, and 300 km courses. Schreder's first attempt at developing a glider specifically for kit manufacture was the HP-10. That design was followed by the HP-11, HP-14, HP-15, HP-16, RS-15, HP-17, HP-18, HP-19, HP-20, HP-21 and HP-22. The aircraft were so successful the Schreder set up a company, Bryan Aircraft

Inc., in 1966 to market the plans and kits, eventually selling more than 470 kits. Schreder won three US national sailplane contests (1958, 1960, 1966) in sailplanes he designed and represented the United States at four international sailing contests. Due to Schreder's contribution to soaring, both in design and piloting skill, he was elected to the Soaring Society of American Hall of Fame in 1962.

Scope and Contents

This collection consists of eleven cubic feet of archival material chronicling the aviation career of Richard E. Schreder. Included are the following types of material: 95 drawings of Schreder's kit designs; logbooks; correspondence; photographs; awards; military paperwork; and Schreder interview tapes with CD copies.;

Names and Subject Terms

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

Subjects:

- Aeronautical sports
- Aeronautics
- Gliding and soaring
- Schreder HP-10 Sailplane
- Schreder HP-7 Sailplane

Types of Materials:

- Audiotapes
- Correspondence
- Drawings
- Logs (records)
- Photographs