



Smithsonian

National Air and Space Museum

Thomas Taylor Neill Collection

2001

National Air and Space Museum Archives
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<https://airandspace.si.edu/archives>

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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Thomas Taylor Neill Collection
Date:	1926-1972 (bulk 1938-1943)
Identifier:	NASM.XXXX.0181
Creator:	Neill, Thomas Taylor, 1903-1988
Extent:	17.25 Cubic feet ((2 legal document boxes) (15 records center boxes))
Language:	English .

Administrative Information

Acquisition Information

Thomas Neill, transfer, unknown, XXXX-0181, unknown

Restrictions

No restrictions on access

Conditions Governing Use

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Biographical / Historical

Thomas Taylor Neill (1903-1988) was an aeropropulsion engineer and author. Following the completion of his degrees at Catholic University of America (BS.ME 1925) and the Massachusetts Institute of Technology (MS 1926) he went to work in the Aircraft Engine Research lab at the United States National Bureau of Standard (engineer 1926-39). He served as an ignition engineer for the Army Air Corps in Dayton, OH (1939-42). He then spent nearly twenty years in research for the National Advisory Committee for Aeronautics (Assistant to the Director of Research 1942-58) and its successor the National Aeronautics and Administration (NASA; Chief of Research Administration Division, Office of Advanced Research Programs 1958-61; Chief of Research and Technical Reports, Office of Advance Research and Technology, 1961-70). Following his retirement from NASA, Neill worked as a consultant to the National Air and Space Museum (1971-) where he began compiling a book on aviation engines in the inter-war period.

Scope and Contents

This collection contains the research material that Neill used in compiling his book. The material consists of correspondence and reports dealing with inspection, specifications, and performance tests of automobile and aircraft engines and fuels from 1926 to 1944. There are also reports, articles, and log books of specific engine

types, both aeronautical and automotive, collected from all over the world, as well as a rough manuscript copy of Neill's book.

General

NASMrev

Names and Subject Terms

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

Subjects:

- Aeronautical engineers
- Aeronautics
- Aircraft engines
- Airplanes -- Jet propulsion
- Airplanes -- Motors
- Airplanes -- Rocket engines

Types of Materials:

- Correspondence
- Drawings
- Financial records
- Logs (records)
- Manuscripts
- Photographs
- Publications
- Reports

Names:

- National Air and Space Museum (U.S.)
- Neill, Thomas Taylor, 1903-1988
- United States. National Advisory Committee for Aeronautics
- United States. National Aeronautics and Space Administration
- United States. National Bureau of Standards. Aircraft Engine Research Laboratory