

## George H. Tweney papers

### Inventory

Accession No: 4558-001

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TWENEY, GEORGE H.  
Accession No. 4558-001

Inventory provided by the donor at time of deposit

**Box 1**

- A. Boeing Annual Reports, 1955 - 1995.
- B. Boeing Scientific Research Laboratories (BSRL);  
Semi-Annual PROGRESS REPORTS, August 1959 (First Issue)  
to July 1970 (last issue).

This is a complete run of these semi-annual reports, and is probably the only complete run in existence. The first two issues are particularly rare. I put this run together after much searching during the years I was on the management staff of the Laboratories. This operation was closed down and disbanded in 1970, during the severe Company crunch at that time. It was never revived.

In view of the high probability that this is the only complete file in existence, I recommend that it be kept intact in the Archives, and not disbursed to one of the Divisional Libraries.

- C. A few miscellaneous reports, as follows:

Informational brochure on BSRL.

INTO THE UNKNOWN, Dedication Symposium at the opening of the BSRL in 1960. Many of the world's outstanding scientists were represented at this dedication symposium.

DEDICATION ADDRESSES, Weyerhaeuser Technology Center, September 1978. (An organization patterned after the original BSRL plan.)

Boeing PERSONNEL SUBSYSTEM RESEARCH, March 1969. (One of the more elaborate type research reports put out by the BSRL. It was unique for its time).

**Box 2**

In 1959-1960 the Company began to investigate the military business possibilities of going into the underseas warfare field, and the high-speed hydrofoil boat program for the United States Navy. Nothing ever came of the former proposal, but the latter one later developed into the Company's rather extensive hydrofoil boat program, both military and commercial. Even this was never financially successful, and was eventually phased out in the early 1970's.

## Box 2 cont'd

Contents of this box are basically divided into two groups;

### A. Anti-Submarine Warfare program (ASW):

Proposal to incorporate headquarters  
Preliminary studies on various types of ASW systems, etc.

Correspondence, memos, initial reports, etc.

### B. Hydrofoil Boats:

Proposal to incorporate headquarters.

Preliminary correspondence, memos, reports, etc.

Initial design studies, and construction of first small experimental hydrofoil (called 'Little Squirt'). GHT was project engineer on this project. Boat was tested successfully on Lake Washington.

Later hydrofoil projects were:

PCH Hydrofoil for the U.S. Navy.  
High-Speed Hydrofoil boat (AGPH)  
that broke the world's speed record  
for hydrofoils (over 80 knots), etc.  
Commercial hydrofoil boats (ferries, etc.).

Business & Personal diary of GHT during trip to Europe in August/September 1961, to survey (and fly) all hydrofoil boats under construction in Europe at the time.

## Box 3

About 1957-1958, the Company embarked on a survey of all available aerodynamic test facilities of major importance in the United States. Specifications, technical reports, costs of operation, and other data were gathered in detail.

This is probably the most comprehensive survey of all existing aerodynamic test facilities in the United States at the time that has ever been done. Many of these reports are now of historical interest.

**Box 3 cont'd**

- A. The Company was very interested in shock tubes as a possible hypersonic test facility at the time, and had no experience at all with this type of equipment. With the group I was managing at the time (Pilotless Aircraft Division Wind Tunnel Test Group) we undertook to design and build the first operating shock tube the Company ever had. It was quite successful, and operated for quite a few years.

Included in this box- design details, pictures, etc. of this first shock tube.

Also included reports of the First and Second Annual Shock Tube Symposia held in the United States. Also: copy of technical paper presented by GHT before this Symposium.

- B. Specifications and reports of various wind tunnel test facilities around the country, including:

California Institute of Technology  
Massachusetts Institute of Technology  
National Advisory Committee for Aeronautics  
University of Washington (and others)

Out of these studies (and others) came the eventual design and construction of a new high-speed wind tunnel on the Company property at Plant 2.

This file has considerable historical significance.

**Box 4**

Tweney, George H. THE WASHINGTON 89. Sagebrush Press, Morongo Valley, CA, 1989. 8vo, pp. 98, folding map frontispiece, illus., Preface (by Robert Monroe), Introduction, Appendix A- Bibliographies cited, Appendix B- Titles mentioned in Text. 890 copies only, including 89 signed and numbered copies.

In 1987-1988, I began researching and writing the above selective bibliography, dealing with 89 important and significant books dealing with the history and development of the Pacific Northwest. The book is patterned after the earlier ZAMORANO 80, a similar bibliography dealing with California that was published in 1945. Both the signed/limited and the remaining 890 copies went out-of-print in about a year. In 1990 the book was selected by the ROUNCE & COFFIN CLUB of Los Angeles as one of the best western books of the year.

Box 4 cont'd

This box contains:

Original research work and correspondence  
Suggested titles to be included by others  
Rough manuscript notes  
Original draft, and final typed manuscript  
Original and final corrected long galleys  
All art work, illustrations, map, etc.  
All miscellaneous correspondence, letters  
with dealers, sales, etc.

A copy of the completed book is also  
included, which I recommend be kept with  
this file.

The contents of this archive provide an excellent  
case history in the research, production, and  
pub lication of a book, as carried out by a small  
press in the United States.

It is also an archive of some historical significance.

Box 5

THIS BOX CONTAINS:

1. Private files, correspondence, photographs,  
etc., of several travels abroad during the  
years 1978-1985.
2. Incomplete file of GHT's "Week-at-a-Glance"  
diaries for the years 1969-1977. (There  
are other earlier files of these diaries  
that will appear in a later box).
3. Two packets of personal communications  
and personal cards over the years 1970-  
1985.
4. Personal correspondence from the eldest  
daughter of Mrs. Marie Peterson MacDonald  
of Glendive, Montana, and Lompoc, Calif.  
relating to her death in 1975. This lady  
was a long-time personal and book friend  
of GHT.