

SMS 543
PROC: 2020, CJS

MORRELL, BRUCE E., COLONEL
1783-1974
LINEAR FT.: 1
APPROX. NO. PGS. 2,000

BIOGRAPHICAL NOTE

Colonel Bruce Elliot Morrell graduated from the Massachusetts Institute of Technology (MIT) in 1948 and was hired by General Electric to develop engines that could fly through icing conditions. After he was commissioned into the United States Air Force as a 1st Lieutenant, Morrell was sent to Wright Patterson Air Force Base in Dayton, Ohio, where he participated in All Weather Testing and earned a Master's Degree in aeronautical engineering. In 1957 and 1958 he was selected to attend The National Academy of Sciences summer study group led by famed mathematician, aerospace engineer, and physicist Dr. Theodore von Kármán. In 1959 he was named Project Manager for the development of the "Minuteman" Inter-Continental Ballistic Missile (ICBM), and he served five years at the U.S. Air Force Academy in Colorado Springs as a professor of aeronautics.

In 1972 Morrell accepted the position of Chief Engineer for the development of the engines for the F-15 and F-16 fighter jets, from which the materials in this collection were produced. He was later made director of the Joint Engine Project Office, and he retired as a full Colonel from the U.S. Air Force in 1974 after 32 years of service.

Bruce E. Morrell was born in Natick, Massachusetts on November 26, 1922, and passed away in Colorado Springs, Colorado on July 7, 2017. He was married to Norma Jeffery Morrell and had 4 children.

Sources: Bruce Elliot Morrell Obituary: <https://www.legacy.com/obituaries/name/bruce-morrell-obituary?pid=186315850>

SCOPE AND CONTENT

Series one consists of twenty-four notebooks and a single photograph, all having to do with Colonel Morrell's role in the development of engines for F-15 and F-16 aircraft. They contain technical notes, schedules, copies of meeting minutes, and more. These items are arranged in chronological order as they were produced and kept by Colonel Morrell, housed in two boxes. There does appear to be some overlap in dates, and notebook 12 is apparently missing. Series two consists of a single folder titled "Printed Material." These items were donated earlier by Colonel Morrell, but have little to do with him specifically. These documents and correspondences are from the late 1700s to the late 1800s, and are described on page 3.

Keywords and terms: Aircraft Engines; F-15; F-16; Wright Patterson Air Force Base; Engineering; Aeronautics; 1970s; Spanish-American War; 1890s; Almanacs; 1790s

Names: Morrell, Bruce E.; Morrell, H.E.; Dewey, George; Hobson, Richmond Pearson; Whitcomb, Silas;

ARRANGEMENT AND DESCRIPTION

SERIES 1: F-15 and F-16 Engine Development Notes, 1969 to 1974

BOX 1

- Notebook 1 30 July 1969 to 25 June 1970
- Notebook 2 25 June 1969 to 5 August 1970
- Notebook 3 6 August 1970 to 1 December 1970
- Notebook 4 24 November 1970 to 9 March 1971
- Notebook 5 18 March 1971 to 20 July 1971
- Notebook 6 22 July 1971 to 16 November 1971
- Notebook 7 23 November 1971 to 28 January 1972
- Notebook 8 28 January 1972 to 22 March 1972
- Notebook 9 22 March 1972 to 8 June 1972
- Notebook 10 9 June 1972 to 10 August 1972
- Notebook 11 21 August 1972 to 3 October 1972
- Notebook 13 19 December 1972 to 3 February 1973
- Notebook 14 6 February 1973 to 8 March 1973
- Notebook 15 9 March 1973 to 4 April 1973

BOX 2

- Notebook 16 4 April 1973 to 10 May 1973
- Notebook 17 11 May 1973 to 22 June 1973

Notebook 18 2 July 1973 to 27 July 1973

Notebook 19 28 July 1973 to 28 August 1973

Notebook 20 29 August 1973 to 26 September 1973

Notebook 21 26 September 1973 to 30 October 1973

Notebook 22 30 October 1973 to 5 December 1973

Notebook 23 6 December 1973 to 11 February 1974

Notebook 24 15 February 1974 to 20 May 1974

Notebook 25 23 May 1974 to 24 June 1974

Photograph "Celebrating Successful Completion of Quad Test"

SERIES 2: Printed Material

BOX 2

Folder 1 Printed Material

- Almanac, 1783
- Bickerstaff's Boston Almanac, 1790
- Weatherwise's Genuine Massachusetts, Rhode Island, and Connecticut Almanac, 1791. A name written on the back reads "Silas Whitcomb"
- Bickerstaff's Genuine Massachusetts, New Hampshire, Vermont, and Connecticut Almanac, 1792
- Almanac, 1800. Names written on the front read "Nancy [illegible], mother of Mrs. Chas. J. Fletcher"
- Publication titled "Galvanism and its Application as a Remedial Agent" by A.H. Christie, M.D., dated 1847
- Correspondence: note of thanks from Commodore George Dewey onboard the USS Olympia in the Philippines to Mr. H.E. Morrell, dated 12 May 1899
- Correspondence: note of thanks from Admiral Richmond Pearson Hobson dated 14 September 1899 sent from Hong Kong to "Mr. Wildman," probably either Rounsevelle or Edwin Wildman