Albert D. Wheelon papers

Finding aid prepared by Gina C Giang.
The Huntington Library
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Descriptive Summary
Title: Albert D. Wheelon papers
Inclusive Dates: 1917-2013
Collection Number: mssWheelon
Collector: Wheelon, Albert D. (Albert Dewell), 1929-2013
Extent: 110 boxes, 2 oversize folders, and 1 volume (45.87 linear feet)
Repository: The Huntington Library, Art Collections, and Botanical Gardens
1151 Oxford Road
San Marino, California 91108
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Email: reference@huntington.org
URL: http://www.huntington.org
Abstract: The Albert D. Wheelon papers primarily focus on his career at the United States Central Intelligence Agency, Hughes Aircraft Company, and his research on electromagnetism.
Language of Material: The material is in English.
Access
Collection is open to qualified researchers by prior application through the Reader Services Department. For more information, please go to following web site. Approximately 1.5 linear feet of classified documents require further review by the Information Security Oversight Office (ISOO). These documents will be added to the collection, and the finding aid updated, if and when they are declassified.
Publication Rights
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Preferred Citation
[Identification of item], Albert D. Wheelon papers, The Huntington Library, San Marino, California.
Acquisition Information
Gift of Cicely Wheelon, 2014.
Processing Information
Processed by Gina Giang under the supervision of Lorraine Perrotta, 2019. The collection contained numerous classified documents. In coordination with the Information Security Oversight Office (ISOO), it was determined that many of the documents have already been declassified. In the content list, these documents are noted by the word "DECLASSIFIED." As of February 2019, we are coordinating with ISOO further review of documents for which the classification status was unclear. These are not included in the content list and we do not have a timeline for the review process. These documents will be added to the collection, and the finding aid updated, if and when they are declassified. In February 2020, approximately 0.8 linear feet of classified documents were reviewed and returned by the ISOO and they were returned to the collection.
The contents in Series 2: Subseries 2 may not relate to the title on each folder. Most of the material arrived unorganized and the cataloger does not have a background in the field of electromagnetism.
Biography
Albert D. (Albert Dewell) Wheelon, (January 18, 1929 - September 27, 2013) joined the CIA in 1962 and served as the Deputy Director for Science and Technology until 1966. During this time, he established the Agency's broad program in research and development for the collection and analysis of technical intelligence. Wheelon joined the Hughes Aircraft Company in 1966 as Vice President for Engineering. Four years later, he took on the responsibility for building the Hughes Space and Communications Group. Over the next fifteen years, this group built a wide variety and large number of military and scientific satellites. In 1986 he was named Executive Vice President for the Company at large and in 1987 was named Chief Executive Officer and Chairman of the Board of Hughes. He retired in May 1988. He was appointed a visiting professor and lectured at MIT in 1989. Dr. Wheelon received a B.S. in Engineering from Stanford University in 1949 and a Ph.D. in Physics from MIT in 1952. National Academy of Engineering. Source: "Dr. Albert D. Wheelon." National Academy of Engineering. Accessed 4 February 2019. https://www.nae.edu/88479.aspx.
Scope and Content

Series 1: Subseries 1 primarily consists of personal material related to Albert D. Wheelon, however, there are some professional items related to his career. For instance, the appointment books contain professional and personal entries. The correspondence comprises much of Series 1 and spans from 1928 through 2012. The letters and e-mails are mostly personal, but due to Wheelon’s scientific background and career path, there are many conversations with professionals in the public and private sector. After his career at Hughes Aircraft Company, he continued to conduct research and distributed his writings to colleagues, which is evident in the correspondence and Series 5 material. There are also numerous diaries and printed ephemera related to his travels all over the world with his first wife, Nancy Helen Hermanson and later, his second wife, Cicely Jean Evans. These entries are mostly typewritten, so they may or may have not been recorded during his trips. Also, included is material related his early education at Pacific Palisades School, Ralph Waldo Emerson Junior High School, and University High School. Loose invitations, photographs, and printed ephemera from Wheelon’s time in the United States Central Intelligence Agency (CIA) are in this series; the pages that remain intact from the scrapbook are found in Series 7: Audiovisual and oversize.

Series 1: Subseries 2 consists of material related to Wheelon’s education at Stanford University, where he earned his B.S. in Engineering in 1949. This subseries primarily includes correspondence from Wheelon updating friends and family about school and social life. In one letter, he expresses his priorities to his parents: “Helen is from Salem, Oregon...She seems to like me quite a lot...She is worth hanging onto, I guess, but right now I have too much studying to do to worry about women” Box 20 (4). There is later material related to Stanford University, which includes reunions and classes taken in the late 1980s.

Series 1: Subseries 3 consists of material related to Wheelon’s education at Massachusetts Institute of Technology, where he earned his Ph.D. in Physics in 1952. This subseries also primarily consists of correspondence from Wheelon updating friends and family about school and social life. In one letter, he offers advice to his younger brother, Peter. Wheelon recommends: “You must plan to study (And I mean work hard reading books) at least two hours every night. If you can get straight A’s for the first two semesters, you will find that you can get along with very little work for the rest of your stay – sliding along mostly on your good reputation” Box 25 (6). Also included are assignments, photographs, and school records.

Series 2 includes material related to Wheelon’s career at TRW Space Technology Laboratories (STL), a division of TRW Inc. from 1953 through 1962. There is only one box related to his career at STL, where he was a Senior Member working on the United States Air Force (USAF) Ballistic Missile and Space Program. A few items of interest may be the printed material, which includes five Sentinel newsletters, a directory of technical personnel at TRW, and material related to the Geneva Conference on Preventing Surprise Attack in 1958.

The second subseries includes lectures, outlines, notes, and reprints related to Wheelon’s time as visiting professor of engineering at the University of California, Los Angeles (UCLA). At UCLA, he taught radio wave propagation and propagation of electromagnetic waves. There may be overlapping material in Series 5, where additional notes, reprints, and writings related to scattering integrals and scintillation are found.

Series 3 consists of material related to Wheelon’s career at the CIA. Due to the sensitive nature of his work at the CIA, little was accumulated. However, one memorandum from Marshall Sylvester Carter reveals a positive impression of Wheelon at the agency: “I have been singularly impressed over the past months at the calm, unruffled, quietly analytical, and remarkably astute manner in which Bud Wheelon approaches all problem...He is one of our finest assets, and I am fearful he may be a dwindling one because of certain factors of utilization and community presence beyond his control” Box 47 (3). Included are photographs of a trip with the agency to Taiwan in 1965.

Series 4: Subseries 1 consists of material related to Wheelon’s career at Hughes Aircraft Company from 1966 through 1988. There is correspondence related to several contracts with several countries under his leadership in the Space and Communications Group, which includes Indonesia, Mexico, and Egypt. There are also numerous Hughes News newsletters spanning from 1966 through 1992. One notebook of interest is a log related to the startup of the Hughes Space and Communications Group, where he asks questions and weighs the financial impact of the new division. This subseries also includes booklets, clippings, photographs, and printed ephemera related to various satellites supplied.

Series 4: Subseries 2 consists of material related to the corporate internal investigations and governmental investigations launched against Hughes Aircraft Company. As Chairman of the Board and Chief Executive Officer, Wheelon opened an internal investigation into possible bribes on an air defense contract in Egypt in 1988. In addition to the internal probe, the United States Department of Justice started to investigate the possibility of bribes involving Wheelon in South America. In response to these inquiries, Wheelon filed a complaint against Hughes Aircraft company for breach of contract and fiduciary duty related to Hughes Long-Term Incentive Plan (LTIP) and deferred compensation. (The Department of Justice dropped the investigation into Wheelon after a five-year long investigation.) Thus, this subseries contains numerous
Series 5: Subseries 1 contains material related to awards given Wheelon and other individuals. Wheelon was the recipient of the United States Distinguished Intelligence Medal, the Baker Medal for Excellence in National Security Affairs, and the R.V. Jones Intelligence Award. The contents found in this subseries includes letters of congratulations, speeches, photographs, and printed ephemera. There is also material related to Richard L. Garwin, William J. Perry, and Sidney Drell, who were all recipients of the R.V. Jones Intelligence Award.

Series 5: Subseries 2 consists of Wheelon's extracurricular activities. He participated in various discussion groups regarding topics such as foreign relations, civil space activities, and the Cuban Missile Crisis. Wheelon was also a trustee at the California Institute of Technology, Rand Corporation, and Aerospace Corporation. This subseries also includes his contribution to several committees including the U.S. Advisory Committee on the Redesign of the Space Station, U.S. President's Foreign Intelligence Advisory Board, and U.S. Presidential Commission on the Space Shuttle Challenger Accident.

Series 5: Subseries 3 consists of Wheelon's speeches and lectures. The lectures are from his time as visiting professor at Massachusetts Institute of Technology and Stanford University. Also included in this subseries are talks related to the history of spy satellites, a topic frequently discussed by Wheelon after his retirement. He kept a binder with various speeches from 1969 through 1987. Those items have been removed from the binder and the speeches are listed under "Miscellaneous." Some of the speeches removed may be found elsewhere in the collection. Also included are remarks at birthdays, events, and memorials. Note: The date supplied is for the year of the lecture or speech, not the supplementary material included. In some cases, the speech or lecture may not be present in the folders, only the supplementary material.

Series 5: Subseries 4 consists of research and reference material from Wheelon's files. Most of the declassified documents are found in this subseries. Electronic versions may be found online in the Freedom of Information Act (FOIA) Electronic Reading Room and NRO Freedom of Information Act (FOIA) Declassified Records website. This subseries primarily consists of material related to covert programs conducted by the CIA, National Reconnaissance Office, and Air Force. A letter of interest may be one written by Wheelon to former CIA director, Richard Helms, where he recollects early programs in strategic reconnaissance. In this letter, he summarizes the following programs: U2 [AQUATONE]; A11, A12, SR-71 [OXCART]; Corona; Emergence of the NRO; and HEXAGON, RYOLITE, GAMBIT, QUILL, and CRYSTAL, Box 98 (1). This subseries is organized by subject with overlapping subject matter. For example, material related to artificial satellites, may be found in the clippings folder, artificial satellites folders, and more specifically, the Corona reconnaissance satellite program.

The fifth subseries consists of publications and writings by Wheelon. He commonly sent copies of his writings to friends and colleagues, and those replies are included. In addition to his technical publications, such as electromagnetic scintillation, Wheelon flexes his creative side with two fictional short stories.

Series 6 is a small series with material related to Wheelon's father, Orville Albert Wheelon (June 12, 1906 – February 9, 1966), an aeronautical engineer. An item of interest is Wheelon's trip log from Maryland to California in 1933. The brief entries include location, mileage, and the cost of goods. At one point during a lonesome drive, he describes leaving "...immediately to cross the desert during the night for it was very hot. It was surely was lonely on that straight stretch of pavement. Even a telephone pole would have been great company" Box 105 (4).

Series 7 is the last series and primarily consists of VHS tapes and oversize material.

Note: As required by law, 1.5 linear feet of security-classified materials have been removed from the collection until they can be declassified by government officials. Please see Processing Information and Access for more information.

Arrangement

The Albert D. Wheelon papers are organized into seven series with subseries:

Series 1: Personal files, 1928-2012
  • Subseries 1: General, 1928-2012
  • Subseries 2: Stanford University, 1945-1988
  • Subseries 3: Massachusetts Institute of Technology, 1948-2002

Series 2: TRW Space Technology Laboratories and University of California, Los Angeles, 1926-1972
  • Subseries 1: TRW Space Technology Laboratories, 1951-2002
  • Subseries 2: University of California, Los Angeles, 1926-1972

• Subseries 1: General, 1966-1995
• Subseries 2: Corporate Internal Investigations and Governmental Investigations, 1973-1997
Series 5: Extracurricular and post career files, 1952-2013
• Subseries 1: Awards, 1961-2001
• Subseries 2: Activities, 1950-2012
• Subseries 3: Lectures and speeches, 1963-2008
• Subseries 4: Reference and research files, 1957-2008
• Subseries 5: Publications and writings, 1955-2008
Series 6: Orville A. Wheelon, 1933-1953
Series 7: Audiovisual and oversize, 1917-2000

Personal Names
Wheelon, Albert D. (Albert Dewell), 1929-2013

Corporate Names
California Institute of Technology
Domestic Strategy Group
Hughes Aircraft Company
Hughes Aircraft Company. Space and Communications Group
International Telecommunication Union
Massachusetts Institute of Technology
Project Corona (U.S.)
Stanford University
TRW Space Technology Laboratories
United States. Advisory Committee on the Redesign of the Space Station
United States. Central Intelligence Agency
United States. National Reconnaissance Office
United States. President's Foreign Intelligence Advisory Board
United States. Presidential Commission on the Space Shuttle Challenger Accident

Subjects
Aerial reconnaissance
Artificial satellites, American
Astronautics and state
Cold War
Corporate internal investigations
Electronic intelligence
Governmental investigations
National security
Photographic reconnaissance systems
Radio wave propagation
Reconnaissance aircraft
Space surveillance

Geographic Areas
Los Angeles (Calif.)

Genre
Appointment books
Clippings (information artifacts)
Correspondence
Hearings (event)
Memorandums
Photographs

Personal files, 1928-2012
Physical Description: 28 boxes

General, 1928-2012
Physical Description: 19 boxes
Abstract: This subseries consists of general material related to Albert D. Wheelon's birth through retirement.

Box 1  Appointment books
   Envelope 1    Appointment books, (1974)
                Included: Torn pages.
   Envelope 2    Appointment books, (1975)
                Two books.
   Envelope 3    Appointment books, (1976)
   Envelope 4    Appointment books, (1977)
   Envelope 5    Appointment books, (1978)
   Envelope 6    Appointment books, (1979)
   Envelope 7    Appointment books, (1980)
   Envelope 8    Appointment books, (1981)
   Envelope 9    Appointment books, (1982)
   Envelope 10   Appointment books, (1983)
   Envelope 12   Appointment books, (1985)
   Envelope 13   Appointment books, (1986)
   Envelope 14   Appointment books, (1989)
   Envelope 15   Appointment books, (1990)
   Envelope 16   Appointment books, (1991)
   Envelope 17   Appointment books, (1992)
   Envelope 18   Appointment books, (1993)
   Envelope 19   Appointment books, (1994)
   Envelope 21   Appointment books, (1996)
   Envelope 22   Appointment books, (1997)
   Envelope 23   Appointment books, (1998)
   Folder 24     Appointment books, (1987)
   Folder 25     Appointment books, (1988)
                Three books.

Box 2  Appointment books
   Envelope 1    Appointment books, (2001)
   Envelope 5    Appointment books, (2005)
   Envelope 7    Appointment books, (2007)
   Envelope 8    Appointment books, (2008)
   Envelope 9    Appointment books, (2009)
Envelope 10
Appointment books, (2010)
Envelope 11
Appointment books, (2011)
Box 3
Biography files - Correspondence
Folder 1
   Included: Certificates and licenses.
Folder 2
   Included: Two versions, printout of photographs, and references.
   Removed from binder.
Folder 3
Books -- The Book of Common Prayer, (1944)
Folder 4
Folder 5
   International Certificates of Vaccination.
Folder 6
   Included: DVD of Real Estate 2011: Lifetime Achievement Award Presented to Jim Kilroy, e-mails, and printouts.
Folder 7
Clippings -- Palisadian Stories about Me, (1935-1998)
Folder 8
Correspondence -- My Birth 1929, (1928-1929)
   Primarily correspondence to Alice Harriet Dewall.
   Included: Printed ephemera related to Albert D. Wheelon's birth and a portion of Alice Harriet Dewall's diary.
Box 4
Correspondence
Folder 1
Correspondence -- Grandmother Notes, (1929-1936)
   Primarily correspondence to and from Minnie Wheelon.
   Included: Greeting cards.
Folder 2
Correspondence -- Arcadia Camp, (1934)
   To Alice Harriet Dewall from Mary R. Moore.
Folder 3
Correspondence, (1936-1938)
Folder 4
Correspondence -- War Years Letters, (1939-1945)
   Primarily correspondence to Alice Harriet Dewall from Albert D. Wheelon.
Folder 5
Correspondence -- History of a Courtship Volume 1, (1951)
   Albert D. Wheelon to Nancy Helen Hermanson.
Folder 6
Correspondence -- History of a Courtship Volume 2, (1952)
   Albert D. Wheelon to Nancy Helen Hermanson.
Folder 7
Correspondence -- History of a Courtship Volume 3, (1952)
   Albert D. Wheelon to Nancy Helen Hermanson.
Folder 8
Correspondence -- History of a Courtship Volume 4, (1953)
   Albert D. Wheelon to Nancy Helen Hermanson.
Box 5
Correspondence
Folder 1
Correspondence, (1953-1977)
Folder 2
Correspondence -- Good Friends, (1970-2005)
   Included: Clipping and photographs.
Folder 3  Correspondence, (1975)
Albert D. Wheelon to Nancy Helen Hermanson.

Folder 4  Correspondence -- Ronald Reagan, (1981)
Folder 5  Correspondence, (1981-1993)
Folder 6  Correspondence -- Cicely Jean Evans, (1983)
Folder 7  Correspondence -- Betsy Wheelon, (1984-1994)
Folder 8  Correspondence -- James J. Harford, (1995)
Related to James J. Harford's book Korolev's Space Race with America.

Folder 9  Correspondence, (1996)
Folder 10 Correspondence, (1997)
Folder 11 Correspondence, (1998)
Folder 12 Correspondence, (1999)
Folder 13 Correspondence -- Scott A. (Scott Alan), 1953- to Albert D. (Albert Dewell) Wheelon, 1929-2013, (2000, Nov. 3)

Folder 14 Correspondence, (2000)
Box 6  Correspondence
Folder 1 Correspondence, (2001)
Folder 2 Correspondence -- Leslie (Les) Dirks, (2001)
Related to Leslie (Les) Dirks biography.

Folder 3 Correspondence -- Tatarskii, (2002, Nov.)
Included: Printed ephemera.

Folder 4 Correspondence, (2002)
Folder 5 Correspondence -- Chris Pocock, (2002-2003)
Primarily e-mails.

Folder 6 Correspondence, (2003)
Folder 7 Correspondence -- Lily Valine, (2003)
Included: Letter of recommendation.

Folder 8 Correspondence, (2004)
Folder 9 Correspondence, (2005)
Box 7 Correspondence
Folder 1 Correspondence -- Walter Lloyd, (2005-2006)
Related to Michigan State University. School of Criminal Justice Wall of Fame.
Included: Letter of recommendation to Michigan State University. School of Criminal Justice and photograph.

Folder 2 Correspondence, (2006)
Folder 3 Correspondence -- Sheldon Cohen, (2006)
Included: Letter of nomination to Cosmos Club.

Folder 4 Correspondence -- Kristin Blocher, (2007)
Included: Letter of recommendation to Law School Admission Council.

Folder 5 Correspondence, (2008)
Folder 6 Correspondence -- Kenneth Collins, (2008-2010)
Folder 7 Correspondence, (2009)
Folder 8 Correspondence, (2010)
Box 8 Correspondence - Diaries
<table>
<thead>
<tr>
<th>Folder 1</th>
<th>Correspondence, (2011)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 2</td>
<td>Correspondence, (2012)</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Diaries -- Journal, (1966, Oct. 3)</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Diaries -- Down the Colorado, (1974)</td>
</tr>
<tr>
<td></td>
<td>Included: Copies.</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Diaries -- A Trip to Scandinavia, (1975)</td>
</tr>
<tr>
<td></td>
<td>Included: Copies.</td>
</tr>
<tr>
<td></td>
<td>Included: Copies and postcards.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 9</th>
<th>Diaries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 1</td>
<td>Diaries -- A Pilgrimage to Egypt and the Holy Land, (1981)</td>
</tr>
<tr>
<td></td>
<td>Included: Copies and printed ephemera.</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Diaries, (1983)</td>
</tr>
<tr>
<td></td>
<td>Fragment.</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Diaries -- Two Weeks in the Sun, (1986)</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Diaries -- Punta Palmilla, Baja California, (1987, Feb. 2)</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Diaries -- A Voyage to the End of the Earth, (1987)</td>
</tr>
<tr>
<td></td>
<td>Included: Copies.</td>
</tr>
<tr>
<td>Folder 6</td>
<td>Diaries -- A Journey Along the Silk Road, (1994)</td>
</tr>
<tr>
<td></td>
<td>Included: Copies.</td>
</tr>
</tbody>
</table>

| Folder 7 | Diaries -- Intracoastal Waterway College, (2003) |

<table>
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<tr>
<th>Box 10</th>
<th>Documents - Financial records</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 1</td>
<td>Documents -- A.D. Wheelon, Associates, (1952-1953)</td>
</tr>
<tr>
<td></td>
<td>Included: Personal Business of Albert D. Wheelon; Study Projects; Project Summary; and Direct Calculations.</td>
</tr>
</tbody>
</table>

| Folder 2 | Drawings -- My Very Early Drawings and Cards, (1932-1944) |
|         | Included: Assignments. |

| Folder 3 | Drawings -- My Very Early Drawings and Cards, (1936) |
| Folder 4 | Financial records, (1950s) |
| Box 11 | Genealogies (histories) - Invitations |
| Folder 1 | Genealogies (histories), (1976-2010) |
| Folder 2 | Greeting cards -- Early Cards, Documents, and Drawings, (1943-) |
|         | Included: War Ration Books. |

| Folder 3 | Greeting cards -- Cecily Jean Evans, [after 1982] |
| Folder 4 | Greeting cards -- 70th Birthday, (1999) |
|         | Included: Correspondence, e-mails, and printed ephemera. |

| Folder 5 | Greeting cards -- 80th Birthday, (2009) |
|         | Included: Correspondence, e-mails, and printed ephemera. |

<p>| Folder 7 | Invitations, (1968-1984) |
| Box 12 | Memorial services - Photographs |</p>
<table>
<thead>
<tr>
<th>Folder 1</th>
<th>Memorial services -- Nancy Helen Wheelon, (1980)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Included: Nancy Helen Wheelon’s hair and audio cassette of service.</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Negatives, (1930)</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Notes -- Bud’s Preliminary Opinion, (1974, Sep. 23)</td>
</tr>
<tr>
<td></td>
<td>Related to Wareham (Mass.).</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Passports, (1962-1980)</td>
</tr>
<tr>
<td>Folder 6</td>
<td>Photographs -- Boy Scouts of America, (1941-2012)</td>
</tr>
<tr>
<td>Folder 7</td>
<td>Photographs -- Cabo San Lucas (Baja California Sur, Mexico), (1973)</td>
</tr>
<tr>
<td>Folder 8</td>
<td>Photographs -- Canyon View House, (1973)</td>
</tr>
<tr>
<td>Folder 9</td>
<td>Photographs -- Christmas, (1974)</td>
</tr>
<tr>
<td>Box 13</td>
<td>Photographs</td>
</tr>
<tr>
<td>Folder 1</td>
<td>Photographs -- Cindy Wheelon’s wedding, (1978)</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Photographs -- Denmark Visit, (1981-1982)</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Photographs -- Early, (1929-1941)</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Photographs -- Early Married Life, (1952-1978)</td>
</tr>
<tr>
<td></td>
<td>Included: Photo CD.</td>
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<tr>
<td>Folder 5</td>
<td>Photographs -- Father [Orville Albert Wheelon] and Mother [Alice Harriet Dewall], (1906-1980)</td>
</tr>
<tr>
<td>Box 14</td>
<td>Photographs</td>
</tr>
<tr>
<td>Folder 1</td>
<td>Photographs -- Fishing in Baja California (Mexico : Peninsula), (1971-1973)</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Photographs -- Holland, Paris, and Finland, (1979)</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Photographs -- [House Construction], [1958]</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Photographs -- Japan, (1973)</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Photographs -- John and Mae in Los Angeles (Calif.) and visit with Mom in Honolulu (Hawaii), [undated]</td>
</tr>
<tr>
<td>Folder 6</td>
<td>Photographs -- Las Vegas Dad, (1953)</td>
</tr>
<tr>
<td>Folder 7</td>
<td>Photographs -- Ledford wedding, (1973)</td>
</tr>
<tr>
<td>Folder 8</td>
<td>Photographs -- Life in Virginia, (1962-1966)</td>
</tr>
<tr>
<td>Folder 9</td>
<td>Photographs -- Mammoth Lakes (Calif.), [undated]</td>
</tr>
<tr>
<td>Folder 10</td>
<td>Photographs -- Mauna Kea (Hawaii), (1979)</td>
</tr>
<tr>
<td>Folder 11</td>
<td>Photographs -- Miscellaneous, (1965-1971)</td>
</tr>
<tr>
<td></td>
<td>Family.</td>
</tr>
<tr>
<td>Folder 12</td>
<td>Photographs -- Nikkô-shi (Japan), (1976)</td>
</tr>
<tr>
<td>Box 15</td>
<td>Photographs</td>
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<tr>
<td>Folder 1</td>
<td>Photographs -- Palmilla, (1972-1978)</td>
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<tr>
<td>Folder 2</td>
<td>Photographs -- Panama, (1975)</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Photographs -- Ranch House, (1974-1978)</td>
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<tr>
<td>Folder 4</td>
<td>Photographs -- Round the World Virginia, (1982)</td>
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<tr>
<td>Folder 5</td>
<td>Photographs -- Sam &amp; [Wareham], (1968)</td>
</tr>
<tr>
<td>Folder 6</td>
<td>Photographs -- Scandinavia, [undated]</td>
</tr>
<tr>
<td>Folder 7</td>
<td>Photographs -- [Singapore], (1978)</td>
</tr>
<tr>
<td></td>
<td>Anniversary trip.</td>
</tr>
<tr>
<td>Folder 8</td>
<td>Photographs -- Unidentified, [undated]</td>
</tr>
<tr>
<td>Folder 9</td>
<td>Photographs -- Wedding Grace Cathedral, (1953)</td>
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<tr>
<td></td>
<td>Please see Box 19 (6) for printed ephemera.</td>
</tr>
<tr>
<td>Folder 10</td>
<td>Photographs -- Wild animal park, orange picking, and room addition, (1977)</td>
</tr>
<tr>
<td>Box 16</td>
<td>Printed ephemera</td>
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<tr>
<td>Folder 2</td>
<td>Printed ephemera -- Africa and Asia, (1997)</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Printed ephemera -- Cuba, (2001)</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Printed ephemera -- [East Coast trip with Cecily Jean Evans], (1987)</td>
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<td>Folder 7</td>
<td>Printed ephemera -- Israel and Egypt, (1993)</td>
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<tr>
<td>Folder 8</td>
<td>Printed ephemera -- Italy, (2001)</td>
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<tr>
<td>Box 17</td>
<td>Printed ephemera - School records</td>
</tr>
<tr>
<td>Folder 1</td>
<td>Printed ephemera -- Honeymoon Trip, (1953)</td>
</tr>
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<td></td>
<td>Included: Receipts.</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Printed ephemera -- Miscellaneous, (1933-1991)</td>
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<tr>
<td></td>
<td>Included: Maps, clippings, postcards, bulletins, and logs.</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Printed ephemera -- Silk Road, (1994-2000)</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Printed ephemera -- Turkey, (1998)</td>
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<tr>
<td>Folder 5</td>
<td>Printed ephemera -- [Wheelon family], (1929-1954)</td>
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<tr>
<td></td>
<td>Included: Printed ephemera related to Lena Wheelon, Charles A. Wheelon, and Orville A. Wheelon.</td>
</tr>
<tr>
<td>Folder 6</td>
<td>Programs, (1991-2004)</td>
</tr>
<tr>
<td></td>
<td>Elizabeth Evans and The Parish of St. Matthew.</td>
</tr>
<tr>
<td>Folder 7</td>
<td>Radiographs -- Albert D. (Albert Dewell), Wheelon, 1929-2013 dental radiograph, (1941)</td>
</tr>
<tr>
<td>Folder 8</td>
<td>School records -- Pacific Palisades School, (1939-1942)</td>
</tr>
<tr>
<td></td>
<td>Included: Correspondence, Report of Health and Development Examination, receipts, diploma, and printed ephemera.</td>
</tr>
<tr>
<td>Folder 9</td>
<td>School records -- Ralph Waldo Emerson Junior High School, (1943)</td>
</tr>
<tr>
<td></td>
<td>Included: Diploma, printed ephemera, and Poetry Contest.</td>
</tr>
<tr>
<td>Folder 10</td>
<td>School records -- University High School, (1946)</td>
</tr>
<tr>
<td></td>
<td>Included: Diploma and printed ephemera.</td>
</tr>
<tr>
<td>Box 18</td>
<td>Scrapbooks - California House</td>
</tr>
<tr>
<td>Folder 1</td>
<td>Scrapbooks -- [Invitations], (1965-1966)</td>
</tr>
<tr>
<td></td>
<td>Loose material.</td>
</tr>
<tr>
<td></td>
<td>Please see Box 108 for pages from the scrapbook.</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Scrapbooks -- [Photographs], (1965-1966)</td>
</tr>
<tr>
<td></td>
<td>Loose material.</td>
</tr>
<tr>
<td></td>
<td>Please see Box 108 for pages from the scrapbook.</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Scrapbooks -- [Printed ephemera], (1965-1966)</td>
</tr>
<tr>
<td></td>
<td>Loose material.</td>
</tr>
<tr>
<td></td>
<td>Included: Award and greeting cards.</td>
</tr>
<tr>
<td></td>
<td>Please see Box 108 for pages from the scrapbook.</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Stamp albums, (1935)</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Basin, Inc., (1978)</td>
</tr>
<tr>
<td></td>
<td>Oil well partnerships.</td>
</tr>
</tbody>
</table>
Folder 6  Bridge Construction, (1956)
          Included: Financial records, notes, plans, and certifications.

Folder 7  California House, (1963-1964)
          Included: Correspondence, financial records, notes, and certifications.

Box 19  House Construction - Wedding Grace Cathedral

Folder 1  House Construction, (1958-1962)
          Included: Correspondence, notes, plans, financial records, and certifications.

Folder 2  House Mortgage, (1958-1963)
          Included: Correspondence, notes, financial records, and legal documents.

Folder 3  Lot Payments, (1956-1962)
          Included: Correspondence, financial records, and legal documents.

Folder 4  Marriage to Cecily Jean Evans, (1984)
          Included: Marriage certificate and statement of assets.

Folder 5  Pacific Palisades School reunion, (1992)
          Included: Letter from Billie Hammer Stone, July 8, 1992, lists, photographs, and
          printed ephemera.

Folder 6  Wedding Grace Cathedral, (1953)
          Included: Marriage Certificate, Wedding Gift List, cards, and printed ephemera.

Stanford University, 1945-1988

Physical Description: 5 boxes
Abstract: This subseries also includes material related to reunions and classes taken by
Wheelon in the 1980s.

Box 20  Assignments - Correspondence

Folder 1  Assignments, (1946-1949)
Folder 2  Correspondence, (1945, Nov. 26)
          Letter of Application.

Folder 3  Correspondence, (1946, Jan.-Mar.)
Folder 4  Correspondence, (1946, Apr.-June)
Folder 5  Correspondence, [1946-1949]

Box 21  Correspondence

Folder 1  Correspondence, (1946, Sep.-Nov.)
Folder 2  Correspondence, (1947, Jan.-May)
Folder 3  Correspondence, (1947, June-Dec.)
Folder 4  Correspondence, (1948, Jan.-June)

Box 22  Correspondence - Photographs

Folder 1  Correspondence, (1948, July-Dec.)
Folder 2  Correspondence, (1949)
Folder 3  Empty envelopes, (1946-1949)
Folder 4  Maps -- Desolation Primitive, [1940s]
Folder 5  Newspapers, (1949-1991)
          Included: Centennial edition.

Folder 6  Notes, [1946-1949]
          Included: Laundry List and Engineering Options.
Folder 7  **Photographs, [1949]**  
Included: Echo Lake job.

Box 23  **School records - 50th Stanford Reunion**  
**School records, (1948-1949)**  
Included: Diploma, printed ephemera, and transcripts.

Folder 2  **40th, 50th, and 60th Stanford Reunion Homecoming, (1949-2009)**  
Included: Background material, e-mails, and printed ephemera.

Folder 3  **40th Stanford Reunion, (1989)**  
Directory.

Folder 4  **50th Stanford Reunion, (1999)**  
Directory.

Box 24  **Sigma Chi - Stanford Summer College**  
**Sigma Chi, (1946-1991)**  
Included: Letter from Donna Stilbolt, photographs, printed ephemera, and Alpha Omega Centennial Banquet.

College Notebook.

Included: Notes, schedule, and reading material.  
Removed from binder.

---

**Massachusetts Institute of Technology, 1948-2002**  
**Physical Description:** 4 boxes  
**Abstract:** This subseries primarily consists of correspondence from Albert D. Wheelon addressed to family and friends, while studying for his PhD at Massachusetts Institute of Technology from 1949 through 1952. During this time, Wheelon was employed by Douglas Aircraft Company in Santa Monica, California.

Box 25  **Assignments - Correspondence**  
**Assignments (1 out of 2), (1949-1950)**  
Related to Ph.D. examinations.

Folder 4  **Assignments (2 out of 2), (1950-1952)**  

Folder 3  **Check stubs, (1950-1952)**  

Folder 4  **Correspondence, (1949)**  

Folder 5  **Correspondence, [1949-1952]**  

Folder 6  **Correspondence, (1950, Jan.-Apr.)**  

Box 26  **Correspondence**  
**Correspondence, (1950, May-July)**  
**Correspondence, (1950, Aug.-Sep.)**  
**Correspondence, (1950, Oct.-Dec.)**  
**Correspondence, (1951, Jan.-Apr.)**  

Box 27  **Correspondence**  
**Correspondence, (1951, May-Sep.)**  
**Correspondence, (1951, Oct.-Dec.)**  
**Correspondence, (1952)**
Box 28

Folder 1
Correspondence - Scientific Papers
Empty envelopes, (1949-1951)

Folder 2
Invitations, (2001)
Herman Feshbach Memorial Symposium.

Folder 3
Photographs -- Rugby Club, (1950-1984)

Folder 4
Photographs -- Graduation, (1952)

Folder 5
School records, (1948-1952)
Included: Correspondence, Notification of Appointment, Letter of Application, and reports.

Folder 6
School records, (1949-1952)
Original folder title: Going to MIT.
Included: Correspondence, Notification of Appointment, and reports.

Folder 7
School records, (1952)
Original folder title: MIT Graduation.
Included: Clippings, invitations, diploma, and program.

Folder 8
Five Dimensional Relativity by Albert D. (Albert Dewell) Wheelon, 1929-2013, [undated]

Folder 9
Notes for An Introduction to Physical Electronics, (1950)
Written by A.G. Hill and G.G. Harvey.

Folder 10

Folder 11
Included: Notes and writings.

TRW Space Technology Laboratories and University of California, Los Angeles, 1951-2002

Physical Description: 18 boxes
Abstract: This series consists of material related to Albert Wheelon's career at Ramo-Woolridge Corporation. During this time, he was also a visiting professor of engineering at the University of California, Los Angeles.

TRW Space Technology Laboratories, 1951-2002
Physical Description: 1 box

Box 29

Folder 1
Clippings - Relativistic Solutions
Clippings, (1959-1960)
folder 2: Correspondence, (1951-1959)
Primarily related to Albert D. Wheelon's job search.

Folder 3: Invitations, (1961)
Project Windmill Customer Training Course.

Folder 5: Papers (documents) -- Ramo-Woolridge Scientific Papers, (1953-1960)
Folder 7: Photographs -- [Department of Commerce. Central Radio Propagation Laboratory], [undated]
Folder 8: Programs -- Space Technology University Extension, University of California, (1958)
Folder 9: Ballistic Missile Division, (1954-2002)
Included: USAF ICBM and Space Pioneers Thirty-fifth Anniversary Reunion, certificates, and printed ephemera.

Included: Correspondence, certificate, photographs, and printed ephemera.

Included: Technical Personnel and printed ephemera.

Folder 12: Relativistic Solutions, (1955)
Primarily notes.

Related to Long-Range Missile Programs.
<table>
<thead>
<tr>
<th>Folder 5</th>
<th>Propagation of Electromagnetic Waves: Chapters 1 and 2, (1958, Jan.)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>included: Notes.</td>
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<tr>
<th>Box 31</th>
<th>Chapters 1-3</th>
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<tbody>
<tr>
<td>Folder 1</td>
<td>[Introduction: Chapter 1], (1957)</td>
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<th>Folder 2</th>
<th>[Ground Wave: Chapter 2 or 6.2?], (1940)</th>
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<tr>
<td>Folder 3</td>
<td>[Flat Earth Dipole: Chapter 2], (1953-1961)</td>
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<td>Folder 4</td>
<td>Spherical Earth Dipole: Chapter 3, [1958]</td>
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<th>Spherical Earth Dipole: Chapter 3, (1936-1956)</th>
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<th>Box 32</th>
<th>Chapters 3-4</th>
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<tr>
<td>Folder 1</td>
<td>[Spherical Earth Dipole: Chapter 3], (1964)</td>
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<td>Folder 2</td>
<td>Spherical Earth Propagation: Chapter 3.1, (1935-1959)</td>
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<td>Folder 3</td>
<td>Vertical Dipole: Chapter 3.2, (1938-1962)</td>
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<tr>
<td>Folder 4</td>
<td>Horizontal Dipole: Chapter 3.3, (1938-1956)</td>
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<tr>
<td>Folder 5</td>
<td>Magnetic Loops: Chapter 3.4, (1952)</td>
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<tr>
<td>Folder 6</td>
<td>Refraction Effects: Chapter 3.5, (1958-1959)</td>
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<tr>
<td>Folder 7</td>
<td>Rough Earth: Chapter 4, (1944-1959)</td>
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<tr>
<td>Folder 8</td>
<td>Mixed Paths: Chapter 4.1, (1950-1960)</td>
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<td>Folder 9</td>
<td>Layered Earth: Chapter 4.2, (1960)</td>
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<td>Folder 10</td>
<td>Obstacle Diffraction: Chapter 4.3, (1959)</td>
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<th>Box 33</th>
<th>Magnetic Field: Chapter 5.4, (1957-1962)</th>
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<tr>
<td>Folder 1</td>
<td>[Ionosphere: Chapter 5], (1937-1962)</td>
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<td>Folder 2</td>
<td>[Ionosphere: Chapter 5], (1951-1957)</td>
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<td>Folder 3</td>
<td>Dielectric Constant: Chapter 5.1, (1934-1960)</td>
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<td>Folder 4</td>
<td>Ionospheric Sounding: Chapter 5.2, (1926-1959)</td>
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<td>Folder 5</td>
<td>Electron Density: Chapter 5.3, (1930-1962)</td>
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<th>Box 34</th>
<th>Chapters 5-6</th>
</tr>
</thead>
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<td>Folder 1</td>
<td>Magnetic Field: Chapter 5.4, (1957-1962)</td>
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<td>Folder 2</td>
<td>Collision Frequency: Chapter 5.5, (1935-1959)</td>
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<tr>
<td>Folder 3</td>
<td>Irregularities: Chapter 5.6, (1948-1960)</td>
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<td>Folder 4</td>
<td>Sunspots and Solar Flares: Chapter 5.7, (1947-1958)</td>
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<td>Folder 5</td>
<td>Spread F: Chapter 5.8, (1960-1962)</td>
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<td>Folder 6</td>
<td>VLF (Very low frequency): Chapter 6, (1954-1957)</td>
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<th>Box 35</th>
<th>Chapter 6</th>
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<tr>
<td>Folder 1</td>
<td>[VLF (Very low frequency): Chapter 6], (1941-1965)</td>
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<td>Folder 2</td>
<td>[VLF (Very low frequency): Chapter 6], (1948-1960)</td>
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<td>Folder 3</td>
<td>VLF (Very low frequency) Propagation: Chapter 6.1, (1956-1965)</td>
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<th>Box 36</th>
<th>Chapters 6-7</th>
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</thead>
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<tr>
<td>Folder 1</td>
<td>Ground Wave: Chapter 6.2, (1956-1965)</td>
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<td>Folder 4</td>
<td>Fading and Polarization: Chapter 6.5, (1950-1953)</td>
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<td>Folder 5</td>
<td>Whistlers: Chapter 6.7, (1958-1959)</td>
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<td>Folder 6</td>
<td>Magnetooionic: Chapter 7, (1953)</td>
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<td>Folder 7</td>
<td>Magnetooionic Propagation: Chapter 7.1, (1949-1955)</td>
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<th>Box 37</th>
<th>Chapter 7</th>
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<tr>
<td>Folder 1</td>
<td>Vertical Reflection: Chapter 7.2, (1952-1958)</td>
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Folder 2
- Oblique Transmission: Chapter 7.3, (1934-1957)
Folder 3
- Absorption and Polarization: Chapter 7.4, (1950-1955)
Folder 4
- Luxembourg Effect: Chapter 7.5, (1961)
Folder 5
- Fading Properties: Chapter 7.6, (1948-1958)
Box 38
Chapter 8
Folder 1
- Broadcast: Chapter 8, (1933-1959)

Removed from binder.
Folder 2
- [Broadcast: Chapter 8 and 8.1], (1931-1962)
  Short waves and/or HF (high frequency).
Folder 3
- [Broadcast: Chapter 8 and 8.1], (1933-1962)
  Short waves and/or HF (high frequency).
Box 39
Chapter 8
Folder 1
- MUF (Maximum usable frequency): Chapter 8.2, (1939-1961)
Folder 2
Folder 3
- Skip Distance: Chapter 8.3, (1931-1948)
Folder 4
- Backscatter: Chapter 8.4, (1950-1958)
Folder 5
- Fading and Multipath: Chapter 8.6, (1934-1960)
Folder 6
Folder 7
- Arctic Propagation: Chapter 8.8, (1954-1961)
Box 40
Chapters 9-10
Folder 1
- [Aurora and Sporadic E: Chapter 9], (1951-1962)
Folder 2
- [Aurora and Sporadic E: Chapter 9], (1955-1959)
Folder 3
- [Aurora and Sporadic E: Chapter 9], (1958-1961)
Folder 4
- [Meteor Reflections: Chapter 10], (1952-1962)
Box 41
Chapters 10-11
Folder 1
- [Meteor Reflections: Chapter 10], (1958-1960)
Folder 2
- Meteor Physics: Chapter 10.1, (1949-1959)
Folder 3
- Cross Section: Chapter 10.2, (1958-1959)
Folder 4
- Backscattering: Chapter 10.3, (1948-1959)
Folder 5
- Forward Scattering: Chapter 10.4, (1957-1961)
Folder 6
- Ionospheric Scatter: Chapter 11, (1957)

Removed from binder.
Box 42
Chapters 12-13
Folder 1
- [Tropospheric Scatter: Chapter 12], (1955-1960)
  Turbulence and turbulence mixing.
Folder 2
- [Tropospheric Scatter: Chapter 12], (1956-1968)
Folder 3
- [Tropospheric Scatter: Chapter 12], (1965)
Folder 4
- Line-of-Sight: Chapter 12, [undated]
  Removed from binder.
Box 43
Chapters 13-14
Folder 1
- Scatter Power: Chapter 12.2, [undated]
Folder 6
- Ducting: Chapter 12.7, (1945-1952)
Folder 7
- [Line-of-Sight: Chapter 13], (1959-1966)
Box 44
Chapter 14
Folder 1
- [Radio Horizon: Chapter 13.2], (1959)
Folder 2
- Refractive Errors: Chapter 13.3, (1933-1961)
Folder 3
- Refractive Errors: Chapter 13.3, (1958)
Folder 5  Scintillation: Chapter 13.6, (1957)
Folder 6  Rough Surface: Chapter 14, (1961)
Folder 7  Introduction: Chapter 14.1, (1962-1965)
Folder 8  Forward Scatter: Chapter 14.3, (1947-1961)
Folder 9  Planetary Reflections: Chapter 14.4, (1946-1965)
Box 44  Appendix - Technical translations
Folder 1  Appendix 1: Conductivity and Dielectric and [Appendix 2: Frequency
          Allocations], (1954-1957)
Folder 3  Appendix 4: Radio Noise, (1957-1964)
Folder 4  Math, [undated]
          Included: Figures and illustrations.
Folder 5  Technical translations -- Air Force Cambridge Research Center, Technical
          Translation No. 7. Selected Questions of the Mathematical Theory of Electric
          and Magnetic Phenomena, (1948)
Folder 6  Technical translations -- Air Force Cambridge Research Center, Technical
          Translation No. 10, 11, 16, and 17. Radiowave Propagation, (1953)
Folder 7  Technical translations -- Air Force Cambridge Research Center, Technical
          Translation No. 12, 13, 14, and 15. Radiowave Propagation, (1953)
Box 45  [Propagation of Electromagnetic Waves]
Folder 1  [Propagation of Electromagnetic Waves], (1933-2012)
          Loose material.
Folder 2  [Propagation of Electromagnetic Waves], (1946-1965)
          Loose material.
Folder 3  [Propagation of Electromagnetic Waves], (1938-1969)
          Loose material.
Folder 4  [Propagation of Electromagnetic Waves], (1959-1967)
          Loose material.
          Final Report Theoretical Analysis of Atmospheric Effects on Optical Propagation,
Folder 5  [Propagation of Electromagnetic Waves], (1963-1967)
          Loose material.
          Stanford Electronics Laboratory.
Box 46  [Propagation of Electromagnetic Waves]
Folder 1  [Propagation of Electromagnetic Waves], (1967)
          Loose material.
          Stanford Electronics Laboratory.


Physical Description: 1 box

Box 47  Announcements - Visitors' books
Folder 1  DECLASSIFIED Announcements, (1963, Aug. 5)
          Announcement of Assignments to Key Positions Office of the Deputy Director for
          Science and Technology.
Folder 2  Biography files, (1962-1965)
<table>
<thead>
<tr>
<th>Folder 3</th>
<th>Booklets -- Miscellaneous, [1962]</th>
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<tbody>
<tr>
<td></td>
<td>Included: The Craft of Intelligence by Allen W. Dulles and The Central Intelligence Agency.</td>
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<td>Folder 5</td>
<td>Correspondence -- Petr Beckmann, (1963-1965)</td>
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<tr>
<td>Folder 6</td>
<td>Correspondence, (1965-1966)</td>
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<td>Primarily related to Albert D. (Albert Dewell), 1929-2013 job search.</td>
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<tr>
<td>Folder 7</td>
<td>Correspondence -- Leaving CIA, (1966)</td>
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<tr>
<td>Folder 8</td>
<td>Menus -- Ministry of National Defense, [1963 or 1964]</td>
</tr>
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<td>Folder 9</td>
<td>Notes, (1965-1966)</td>
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<td></td>
<td>Related to career assessment.</td>
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<td>Related to joining the Central Intelligence Agency.</td>
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<td>Folder 12</td>
<td>Photographs -- Taiwan, (1961-1962)</td>
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<tr>
<td>Folder 13</td>
<td>Visitors' books -- Farewell To - Dr. Albert D. Wheelon, DD / S&amp;T, (1966, Sep. 24)</td>
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<td>Hughes Aircraft Company, 1944-1997</td>
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<td>Physical Description: 24 boxes</td>
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| General, 1966-1995 | Physical Description: 9 boxes |
|                    | Abstract: This series relates to general material created and collected by Wheelon at Hughes Aircraft Company from 1966 through 1988. |
| Box 48 | Biography files - Booklets |
| Folder 1 | Biography files, (1968-1986) |
|          | Included: Annual reports, Review for Employees, and Executive Summary. |
| Folder 3 | Booklets, (1984-1987) |
|          | Included: Annual reports, Review for Employees, and Executive Summary. |
| Folder 4 | Booklets -- Intelsat VI, (1982) |
| Folder 5 | Booklets -- Vectors, (1968-1980) |
| Box 49 | Business cards - Clippings |
| Folder 1 | Business cards, [undated] |
|          | Primarily loose. |
| Folder 2 | Certificates -- Hughes Management Club, [undated] |
|          | Included: Photocopy of HMG newsletter. |
| Folder 3 | Clippings (1 out of 2), (1970-1986) |
|          | Related to defense contracts; cable television; space flight to Mars; satellites; and outer space -- exploration. |
| Folder 4 | Clippings (2 out of 2), (1970-1988) |
|          | Related to cable television; space flight to Mars; satellites; and outer space -- exploration. |
Folder 5  
**Clippings -- Chairman of the Board and Chief Executive Officer, (1986, Dec.)**
Included: Albert D. Wheelon's personal thoughts.

Folder 6  
**Clippings -- Executive Vice President, Operations, (1986, Apr.)**
Included: Press releases.

Box 50  
**Clippings - Correspondence**

Folder 1  
**Clippings -- General Motors Corporation, (1985-1994)**

Folder 2  

Folder 3  
**Clippings -- Howard Hughes Medical Institute, (1983-1984)**
Included: Press releases.

Folder 4  
**Clippings -- Project 776, (1995)**

Folder 5  
**Clippings -- Space and Communications Group, [undated]**
Included: Press releases.

Folder 6  
**Clippings -- Vice President, Engineering, (1966)**

Folder 7  
**Correspondence, (1970-1987)**
Included: Memorandums.

Folder 8  
**Correspondence -- Accounts Payable, (1980-1984)**
Request for Check Payment.

Folder 9  
**Correspondence -- Palapa, (1981-1983)**

Folder 10  
**Correspondence -- Mexico, (1982-1986)**
Included: Morelos satellite booklet.

Box 51  
**Correspondence - Expense reports**

Folder 1  
**Correspondence -- Chairman of the Board and Chief Executive Officer promotion, (1986-1987)**

Folder 2  
**Correspondence -- Alkan contract, (1988)**
Included: Application/License for Permanent Export of Unclassified Defense Articles and Related Unclassified Technical Data.

Folder 3  
**Correspondence, (1988)**
Related to Albert D. Wheelon's retirement.

Folder 4  
Included: To Members of the Board of Governors; A Perspective; Hughes Response to the Executive Organ Technical Evaluation; Intelsat VI Spacecraft Overview; Does Ford-Aerospace Have the Capacity to Build Intelsat IV; and Intelsat VI Price Proposals.

Folder 5  
**Documents -- Iran, (1974-1976)**
Included: His Excellency Ambassador Ardeshir Zahedi Visit to Hughes Aircraft Company Space Communications Group and Iran Communication Satellite System Status.

Folder 6  
**Documents -- Pakistan, (1986)**
Document listing: Firm; Programs; Role/Services; Compensation Rate; Responsible HAC Officer; Cum Payments to Date; and Duration of Arrangements only.

Folder 7  
**Expense reports, (1979-1985)**
Related to travels.
Box 52
Folder 1
Expense reports - Newsletters
Expense reports, (1986-1988)
Related to travels.

Folder 2
Figures (illustrations), [undated]
Used for space presentations.

Folder 3
Folder 4
Folder 5
Lists -- Spacecraft, Launch Date, and Disposition, [after 1971]
Folder 6
Incomplete.

Folder 7
Newsletters -- Hughes News, (1975-1979)
Incomplete.

Folder 8
Incomplete.

Box 53
Newsletters - Photographs
Folder 1
Folder 2
Notebooks, (1969)
Folder 3
Notebooks, (1970)
Related to Hughes Space and Communications Group start-up.

Folder 4
Notes -- Corporate Special Meeting, (1985, Jan. 8)
Folder 5
Notes -- Intelsat Programs: Price Progression, (1989, Oct. 19)
Folder 6
Related to career assessment.

Folder 7
Folder 8
Folder 9
Folder 10
Photographs -- Albert D. (Albert Dewell) Wheelon, 1929-2013, [undated]
Box 54
Photographs
Folder 1
Photographs -- Albert D. (Albert Dewell) Wheelon, 1929-2013, [undated]
Folder 2
Photographs -- Chinese visit to Hughes Aircraft Company, (1973-1978)
Folder 3
Photographs -- Dr. Yoshoki visit to Hughes Aircraft Company, (1979, Sep. 28)
Folder 4
Photographs -- Himawari (Artificial satellite) launch, (1977, July)
Folder 5
Photographs -- Howard Hughes, 1905-1976, (1947, Apr. 3)
Folder 6
Photographs -- International Telecommunication Union (Intelsat), (1970-1975)
Folder 7
Photographs -- [Japan], (1972)
Folder 8
Photographs -- Lawrence A. “Pat” Hyland, (1972, Aug.)
75th birthday.

Folder 9
Photographs -- Mexico City, (1967)
World Plan Meeting International Telecommunication Union.

Folder 10
Photographs -- Miscellaneous, (1971)-[undated]
Included: Awards, events, and office photographs.

Folder 11
Photographs -- Miscellaneous, (1976)
Included: Airplanes, laboratories, satellites, and space shuttles photographs.
Note: There is also one slide and one negative.
Box 55
Folder 1  
Photographs - Printed ephemera
   Photographs -- Miscellaneous, (1985)
      Possibly used for presentations.
Folder 2  
Photographs -- Murofushi visit to NACL, (1978, Nov.)
Folder 3  
Photographs -- Palapa 1 launch, (1976, July)
Folder 4  
Photographs -- Palapa B launch, (1977, Jan.)
Folder 5  
Photographs -- Palapa Project launch, (1977, Mar.)
Folder 6  
Photographs -- [Tokyo (Japan)], (1974)
Folder 7  
Folder 8  
Printed ephemera -- Miscellaneous, (1944-1987)
   Included: Family Day (photocopies), 1945; Directory (photocopies), 1947; agendas; and Q&A pamphlet.
Folder 9  
Printed ephemera -- SBS-3, STS-5, and STS-7 (1982-1983)
   Primarily launch souvenirs.
Box 56
Folder 1  
Printed ephemera - STS-1
Folder 2  
Printed ephemera -- Westar, (1974)
   Retirement, (1987)
      Included: Suggested Remarks -- Ultimate Off-site Cast Party.
Folder 3  
   Personnel records.
Folder 4  
Folder 5  
Speeches -- HAC Board Presentation, (1988, May 4)
Folder 6  
Speeches -- Ingredients for Success, (1988, Feb. 27)
   Presented to Hughes Intergroup Women's Conference.
Folder 7  
Speeches -- Presentation to European Advisory Council, (1987, Aug. 4)
Folder 8  
Stationery, [undated]
      Blank.
Folder 9  
Writings (documents) -- Considerations in the Application of Certain Commercial Practices to Military Contracts, (1983)
Folder 10  
Writings (documents) -- Satellite Clusters by Paul S. Visher, [undated]
Folder 11  
Galaxy Launch Celebration, (1983)
   Information packets only.
Folder 12  
Himawari (Artificial satellite), (1977)
      Included: Audiocassette and negatives.
Folder 13  
      Included: Hughes Aircraft Gives New Titles To Top Executives.
Folder 14  
STS-1, (1981)
      Included: Shuttle Launch and Flight and negatives.

Corporate Internal Investigations and Governmental Investigations, 1973-1997
   Physical Description: 15 boxes
<table>
<thead>
<tr>
<th>Box 57</th>
<th>Agreements - Appointment books</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 1</td>
<td>Agreements -- Deferred Compensation, (1980-1986)</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Appointment books -- &quot;Week At A Glance&quot; Daily Calendar, (1983-1987)</td>
</tr>
<tr>
<td></td>
<td>Fragments.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 58</th>
<th>Clippings - Correspondence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 1</td>
<td>Clippings, (1987-1993)</td>
</tr>
<tr>
<td></td>
<td>Related to Albert D. Wheelon's retirement; Donald H. White retirement; Malcom R. Currie appointment; C. Michael Armstrong appointment; corporate internal investigations; and governmental investigations.</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Clippings, (1992, Sep.)</td>
</tr>
<tr>
<td></td>
<td>Related to United States Department of Justice closing bribery case on Albert D. Wheelon.</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Correspondence -- International Telecommunication Union (Intelsat), (1984-1986)</td>
</tr>
<tr>
<td></td>
<td>Included: International Telecommunication Union (Intelsat) restricted.</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Correspondence, (1983-1987)</td>
</tr>
<tr>
<td></td>
<td>Included: Award Agreement, 1985, Jan. 30.</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Correspondence -- Paul S. Visher and Patricio Parelman, Ingetel Director, (1985-1987)</td>
</tr>
<tr>
<td></td>
<td>Related to South America.</td>
</tr>
<tr>
<td>Folder 6</td>
<td>Correspondence -- Trip Report, (1987, Aug. 24)</td>
</tr>
<tr>
<td></td>
<td>Included: Attachments related to Ingenieria Ingetel Ltda.</td>
</tr>
<tr>
<td>Folder 7</td>
<td>Correspondence, (1988, Jan.-Apr.)</td>
</tr>
<tr>
<td></td>
<td>Included: Hughes Aircraft Company Minutes of Special Meeting of the Executive Committee of the Board of Directors.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 59</th>
<th>Correspondence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 1</td>
<td>Correspondence, (1988, May-Dec.)</td>
</tr>
<tr>
<td></td>
<td>Included: Agreement between Hughes Aircraft Company and Albert D. Wheelon and resignation letter.</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Correspondence -- Inventory, (1988)</td>
</tr>
<tr>
<td></td>
<td>Inventory from Albert D. Wheelon's garage.</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Correspondence, (1989)</td>
</tr>
<tr>
<td></td>
<td>Included: Intelsat notes sent to Vincent J. Fuller.</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Correspondence, (1990)</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Correspondence, (1991)</td>
</tr>
<tr>
<td>Box 60</td>
<td>Correspondence</td>
</tr>
</tbody>
</table>
Folder 1  Correspondence -- Law Offices Williams & Connolly to Vincent J. Marella, (1992, Aug. 26)
   Included: Q&A re Hughes Investigation; Press Releases; GMHE Stock Option Plan;
   Hughes Option Agreement; Hughes Long-Term Incentive Plan; 1985, Dec. 20,
   Deferred Compensation Agreement; Support Letters; News Articles; Hughes
   Retirement of Other Personnel; Chris Turner Work Product; Miscellaneous;
   Wheelon/Hughes Retirement Agreement; Wheelon Letter of Resignation; May 4,
   1988 Agreement (GM/Wheelon); and 1985, Jan. 30, Hughes/Wheelon Award
   Agreement.

Folder 2  Correspondence, (1992, Sep.)
   Related to United States Department of Justice closing bribery case on Albert D.
   Wheelon.

Folder 3  Correspondence, (1992)
   Included: Memorandums.

Folder 4  Correspondence -- Law Offices Bird, Marella, Boxer, Wolpert & Matz, (1992)
   For Professional Services rendered.

Folder 5  Correspondence, (1993, Mar.-May)

Folder 6  Correspondence, (1993, June-Nov.)
   Included: Settlement Agreement and Mutual Releases.

Box 61  Correspondence - Documents
Folder 1  Correspondence -- Fuller wind-up, (1993)
   For Professional Services rendered.

Folder 3  Correspondence -- Peter Wheelon, (1993)
   Privileged and Confidential.

Folder 4  Correspondence, (1995-1996)
   Related to Los Angeles Times article entitled: The Long, Tortured Tale of Hughes' 
   Project 776.

Folder 5  Correspondence -- Vincent J. Fuller, (1995-1996)
   Included: Notes.

Folder 6  Correspondence -- Kathleen L. Beggs, (1997)
   Included: Notes.

   Company Private.
   Included: Consultation Agreement N-8805 between Hughes Aircraft International 
   Service Company and Mohamed M. Nosseir.

   Included: Executive Summary; Media Coverage; Review of Corporate Files;
   Interview of Employees; and Appendix.
Folder 9  Documents -- Hughes Alkan, (1988)
Related to payments.

Folder 10 Documents -- Long-Term Incentive Plan and Deferred Compensation Agreement and Related Documents, (1989)
Exhibits A-Q.

Folder 11 Documents -- Miscellaneous, (1973-1993)
Included: Statement of Full Disclosure of All Foreign Connections; Wrongdoing Suggested by Company Lawyers; ADW Discussion of Questions; Polygraph Questions; Millstein Interview; PGW Analysis; Confidential Summary of Evidence Relating to Hughes' Possible Involvement in Improper Payoff In Egypt; and "Under the 4 May 1988 agreement, you provided us with copies of all documents sent to the Justice Department..."

Box 62 Documents - Hearings
Folder 1 Documents -- Special Meeting of the Board of Directors (1 out of 3), (1987)
Related to Paul S. Visher.

Folder 2 Documents -- Special Meeting of the Board of Directors (2 out of 3), (1987)
Related to Paul S. Visher.

Folder 3 Documents -- Special Meeting of the Board of Directors (3 out of 3), (1987)
Related to Paul S. Visher.


Document begins "PAUL S. VISHER was contacted at the United States Attorney's Office, Washington, D.C., in the presence..."

Folder 6 Hearings (event) -- In the Matter of the Arbitration between Paul S. Visher and Hughes Aircraft Company, (1989)

Box 63 Hearings
Copy.


Box 64 Hearings
Page numbers and descriptions.
Folder 6

**Hearings -- Visher Arbitration, vol. 4-8, (1989)**

Page numbers and descriptions.

Box 65

**Legal documents - Memorandums**


Complaint Seeking Declaratory Relief; Breach of Contract; Indemnification; Fraud and Breach of Fiduciary Duty.

Included: Notes and memorandums.

Folder 2


Complaint for: Declaratory Relief; Rescission for Breach of Fiduciary Duties; and Restitution for Breach of Fiduciary Duties.

Folder 3


Transcripts of indictment, plea hearing, sentencing, objections, and plea agreement.

Folder 4

**Lists -- Interview Memoranda, (1992)**

Included: Index to Hughes Memos to the Files; Index to Hughes Aircraft Files; Michael P. Millikin to Harry Benner related to interview summaries; Potential Witnesses Mentioned in February 24 Interview of Wheelon; and Status Memoranda.

The lists correspond with memorandums in Box 66 (4) and Box 67 (1).

Folder 5

**Memorandums -- To Hughes File, (1986-1987, Sep.)**

Box 66

**Memorandums**

Folder 1

**Memorandums -- To Hughes File, (1987, Sep.-Oct.)**

Folder 2

**Memorandums -- To Hughes File, (1987, Oct.)**

Folder 3

**Memorandums -- To Hughes File, (1987, Oct.-Dec.)**

Folder 4

**Memorandums -- To Hughes File, tab 1-25, (1987)**

Box 67

**Memorandums**

Folder 1

**Memorandums -- To Hughes File, tab 26-50, (1987)**

Folder 2

**Memorandums -- To Hughes File, (1988, Jan.-Mar.)**

Folder 3

**Memorandums -- To Hughes File, (1988, Apr.-Nov.)**

Folder 4

**Memorandums -- To Hughes Grand Jury File, (1988)**

Folder 5

**Memorandums -- To Vincent J. Fuller and Kathleen L. Beggs, (1988)**

Folder 6

**Memorandums -- To Wheelon File, (1988)**

Folder 7


Included: Cicely Jean Evans notes.

Box 68

**Memorandums**

Folder 1

**Memorandums -- To Hughes File, (1989, Feb.-Aug.)**

Folder 2

**Memorandums -- To Hughes File, (1989, Aug.-Dec.)**

Included: Notes related to the description of Intelsat procurements.

Folder 3

**Memorandums -- To Vincent J. Fuller, Judith A. Miller, and Kathleen L. Beggs, (1989)**

Folder 4

**Memorandums -- To Hughes File, (1990)**

Folder 5

**Memorandums -- To Hughes File, (1991)**

Folder 6

**Memorandums -- To Vincent J. Fuller, Judith A. Miller, Kathleen L. Beggs, and others, (1991)**

Folder 7

**Memorandums -- To Vincent J. Fuller, Judith A. Miller, Kathleen L. Beggs, and others, (1992, Jan.-Mar.)**

Box 69

**Memorandums**
<table>
<thead>
<tr>
<th>Folder 1</th>
<th>Memorandums -- To Vincent J. Fuller, Judith A. Miller, Kathleen L. Beggs, and others, (1992, Apr.-June)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Law Offices Bird, Marella, Boxer, Wolpert &amp; Matz.</td>
</tr>
<tr>
<td></td>
<td>Law Offices Bird, Marella, Boxer, Wolpert &amp; Matz.</td>
</tr>
<tr>
<td></td>
<td>Confidential Summary of Evidence Relating to Dr. Wheelon's Entitlement to Hughes' Retirement Benefits.</td>
</tr>
<tr>
<td></td>
<td>Law Offices Bird, Marella, Boxer, Wolpert &amp; Matz.</td>
</tr>
<tr>
<td></td>
<td>Confidential Summary of Evidence Relating to Dr. Wheelon's Entitlement to Hughes' Retirement Benefits.</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Memorandums -- To Hughes File, (1992)</td>
</tr>
<tr>
<td>Box 70</td>
<td>Memorandums - Notes</td>
</tr>
<tr>
<td>Folder 1</td>
<td>Memorandums -- Memo For Record, [undated]</td>
</tr>
<tr>
<td></td>
<td>Related to Space and Communications Group marketing activities in South America.</td>
</tr>
<tr>
<td>Folder 2</td>
<td>Minutes, (1987-1988)</td>
</tr>
<tr>
<td></td>
<td>Minutes of Meeting of the Executive Committee of the Board of Directors related to HKV Joint Venture; and Notice of a Special Meeting of the Board of Directors, 1988, Apr. 29.</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Notes, (1987-1991)</td>
</tr>
<tr>
<td></td>
<td>Chronologies and logs kept by Albert D. Wheelon.</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Notes, (1988)</td>
</tr>
<tr>
<td></td>
<td>Notes kept by [Lily Valine?].</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Notes, (1992)</td>
</tr>
<tr>
<td></td>
<td>Chronologies and logs kept by Albert D. Wheelon.</td>
</tr>
<tr>
<td>Folder 6</td>
<td>Notes, (1993)</td>
</tr>
<tr>
<td></td>
<td>Chronologies and logs kept by Albert D. Wheelon.</td>
</tr>
<tr>
<td>Folder 7</td>
<td>Notes, (1995)</td>
</tr>
<tr>
<td></td>
<td>Included: Notes related to faxes.</td>
</tr>
</tbody>
</table>

Box 71

Reference sources - Hughes Aircraft International Services, Inc.

Folder 1


Basic Reference Material.

Included: Exhibit List; Definitions of Cause in the DCA and the LTIP; Hughes Organization Charts; Intelsat; Consultants Hired at Visher's Rec.; and Hughes Employees Designated as Witnesses.

Folder 2


Folder 3

Folder 4
Hughes Aircraft International Services, Inc. -- Egypt and South America, (1974-1988)
Included: Correspondence; interdepartmental correspondence; memorandums; and Minutes of Special Meeting of Hughes Aircraft Company Executive Committee of the Board of Directors, and notes.

Folder 5
Hughes Aircraft International Services, Inc. -- Egypt and South America, (1978-1988)
Included: Consultant Agreements; Promocamp/Radio Turismo contract documents; Contract Briefs; Sales Representative Agreement lists; Survey of Hughes Air Defense Project in Egypt; and calendar of events.

Folder 6
Removed from binder.
Included: Prime Contract (Statement of Work, Part II, Annex A); Payment Schedule; Request for Proposal; Draft of Subcontract; Proposal for Personnel; Subcontract HASI-F-499828-S-C5; and Executed Subcontract.

Folder 7
Hughes Aircraft International Services, Inc., [undated]
Morella Analysis of Foreign Properties.
Pages appear to be missing.

Extracurricular and post career files, 1952-2013
Physical Description: 33 boxes

Awards, 1961-2001
Physical Description: 2 boxes

Box 72
American Institute of Aeronautics and Astronautics - United States. Central Intelligence Agency
Folder 1
American Institute of Aeronautics and Astronautics, (1964-1997)
Associate Fellow, Fellow recognition, and Goddard Astronautics Award.

Folder 2
Folder 3
Studies in Intelligence. Intelligence Studies Award, (1961)
Citation only.

Folder 4
Medal not present.

Folder 5
Folder 6
Correspondence.

Folder 7
Presidential Confidence Generated by the Overhead Reconnaissance Programs.

Box 73
Extracurricular and post career files, 1952-2013

Awards, 1961-2001

Folder 1
Related to Richard L. Garwin.

Folder 2
Related to William J. Perry.

Folder 3
Related to Sidney Drell, 1926-2016.

Folder 4
Included: Material related to 50th anniversary.

Folder 5
Included: Material related to 60th anniversary and Wizards of Langley DSD Chapter Reunion Dinner DVD.

Folder 6

Folder 7
Included: Photographs.

Activities, 1950-2012
Physical Description: 6 boxes

Box 74
1981 Attempted Assassination... - California Institute of Technology
Folder 1
Related to discussion group at Birnam Wood Golf Club Library.

Folder 2
Aerospace Corporation. Board of Trustees, (1990-2005)
Included: Tenth Anniversary book.

Folder 3
Included: Stock certificates.

Folder 4
Folder 5
American Physical Society, (1952)
Correspondence related to nomination for Membership in the Society only.

Folder 6
Association of Former Intelligence Officers (U.S.), (1980-2002)
Folder 7
The Beach Club Breeze, (1975-1977)
Folder 8
California Institute of Technology. Board of Trustees, (1987-2012)
Included: Physics, Mathematics, and Astronomy Visiting Committee Report, 2004 and photographs.

Box 75
California Institute of Technology - Domestic Strategy Group
Folder 1
California Institute of Technology. Board of Trustees, (1996-2008)
Related to Jet Propulsion Laboratory (U.S.) Visiting Committee and Jet Propulsion Laboratory (U.S.) Advisory Committee.

Folder 2
California Scientists and Engineers for Clinton/Gore, (1992)
Extracurricular and post career files, 1952-2013
Activities, 1950-2012

Folder 3
Central Intelligence Retirees' Association, (2009)
CIRA newsletter, vol. xxxiv, no. 2.

Folder 4

Folder 5
Council on Foreign Relations

Folder 6
Related to The Aspen Strategy Group Conference and Workshop.

Folder 7
Related to The Aspen Strategy Group Conference and Workshop.

Box 76
Earth Observing System - Rand Corporation

Folder 2
Institute of Electrical and Electronics Engineers, (1969-2012)

Folder 3

Folder 4
Jet Propulsion Laboratory (U.S.), (1988-2001)
Related to "Technology Programs at JPL."

Folder 5
Related to "Program on Peace and International Corporation Committee Meeting."

Folder 6
Lawrence Livermore National Laboratory. Director’s Advisory Committee, (1991-1992)

Folder 7
Included: Correspondence and agenda.

Folder 8
Massachusetts Institute of Technology. Department of Aeronautics and Astronautics, (1990-1993)
Related to "Corporation Visiting Committee."

Folder 9
Monterey Institute of International Studies, (1990)
Related to "International Missle Proliferation Project" workshop.

Folder 10

Folder 11
National Research Council (U.S.), (2003)
Related to Workshop on National Space Policy.

Folder 12
National Security Council (U.S.), (1977)
Correspondence only.

Folder 13
Rand Corporation. Board of Trustees, (1993-2011)
Included: 50th Anniversary Dinner.

Box 77
Roadrunners International - United States. Advisory Committee on the Redesign of the Space Station

Folder 2

Folder 3
Santa Barbara Committee on Foreign Relations (1 out of 2), (2005)
Related to Foreign Relations, Members, Korea, Road Map, Saudi Arabia, Russia, and Oil.
Removed from binder.
Folder 4  Santa Barbara Committee on Foreign Relations (2 out of 2), (2005)
Related to Iraq, Iran, Terrorism, China, Central Asia, Pakistan, Balance Payment, Japan, and Brazil.
Removed from binder.

Folder 5  Santa Fe Institute (Santa Fe, N.M.). Board of Trustees, (1990)
Correspondence only.

Folder 6  Sigma Xi, the Scientific Research Society, (1950-1966)
Folder 7  Simon Ramo, (2013)
Related to Simon Ramo video.

Folder 8  Stanford Research Institute, (1975)
Consulting Contract only.

Folder 9  Stanford University, (1987)
Conference related to "Building A Safer 21st Century."

Folder 10  Stanford University, (1992)
Related to "Conference on the History of Engineering for Engineering Students."

Related to the "Wheelon Lecture."

Folder 12  United States. Advisory Committee on the Redesign of the Space Station -- Correspondence (1 out of 4), (1991-1994)
Box 78  United States. Advisory Committee on the Redesign of the Space Station - United States. President's Foreign Intelligence Advisory Board
Included: Final Report to the President Advisory Committee on the Redesign of the Space Station and NASA Federal Laboratory Review.

Folder 2  United States. Advisory Committee on the Redesign of the Space Station (3 out of 4), (1993-1994)
Included: Agendas, memorandums, guidelines, press releases, remarks, and notes.

Folder 3  United States. Advisory Committee on the Redesign of the Space Station (4 out of 4), (1993)
Included: Correspondence, agenda, presentation material, Russian Participation, Alternative Transportation Options by Joe Nieberding, and notes.

Folder 5  United States. Department of State, (1986)
Seminar on Technological Frontiers and Policy.

Portion of a photocopied report only.

Folder 7  DECLASSIFIED United States. President's Foreign Intelligence Advisory Board, (1969-2012)
Included: United States. Department of State. Secrecy Agreement.
Box 79  United States. President's Foreign Intelligence Advisory Board - Working Dinner on U.S. Intelligence
Folder 1  United States. President's Foreign Intelligence Advisory Board, (1983-1988)
       Lists of board members only.
       Also known as Task Force on Science and Technology.
       Included: Inauguration invitation and Report of President-Elect's Advisory Task Force on Science and Technology.
Folder 6  University of Washington, (1992)
       Scintillation: International Meeting for Wave Propagation in Random Media.
       Primarily e-mails.
       Included: Summary of Dinner Meeting on Intelligence Project, A Discussion Paper.

Lectures and speeches, 1963-2008

Physical Description: 8 boxes

Box 80  Air Traffic Control Association - California Museum
       Related to New Horizons.
Folder 2  All Saints' Church (Beverly Hills, Calif.), (1992)
Folder 3  American Academy of Arts and Sciences, (1989)
       Presentations entitled: The Rocky Road to Communication Satellites; A Business Perspective of the Communications Satellite Market; and Commercial Communication Satellites.
Folder 5  American Institute of Physics, (1996)
       Talk entitled: Strategic Reconnaissance.
       Please see Box 104 (3) for overlapping material.
Folder 7  Association of Former Intelligence Officers (U.S.), (1985)
       Address to Meeting of Association of Former Intelligence Officers, June 1985.
Folder 8  Bill Scranton 90th birthday, (2007)
           Speech entitled: America's Five Space Program.

Folder 10  California Associates Santa Barbara, (2006)
           Related to Surveillance for Intelligence Purposes.

Folder 11  California Institute of Technology, (1991)
           Related to A JPL Symposium Commemorating Caltech's Centennial.

           Related to America's Hidden Weapon: The National Reconnaissance Program.

           Speech for the King and Queen of Sweden luncheon.

Box 81  Canadian Club of Toronto - International Telecommunication Union

Folder 1  Canadian Club of Toronto, (1975-1978)
           Speech entitled: Neighbors On Earth, Partners in Space.

           Included: Interview notes.

Folder 3  Center for the Study of Intelligence (U.S.), (2001)
           Related to "CIA's Analysis of the Soviet Union, 1947-1991."

Folder 4  Center for the Study of Intelligence (U.S.), (2002)
           Related to "Cold War Lessons Learned and Emerging Intelligence Challenges."

Folder 5  Channel City Club, (1995)
           Speech entitled: Coming In From the Cold: Satellite Reconnaissance.

Folder 6  Cosmopolitan Club of Santa Barbara, (1995)

Folder 7  Cuban Missile Crisis Conference, (1992)

Folder 8  Denki Tsūshin Kyōkai (Japan), (1978)

           Conference on Piercing the Curtain: Corona and the Revolution in Intelligence.
           Information folders only.

Folder 10  HPLT, (1981)
           Related to "Satellite Marketing."

Folder 11  Institute of Electrical and Electronics Engineers, (1974-1987)
           Speech entitled: Surviving in Space.

Folder 12  International Telecommunication Union, (1975)
           Presentation entitled: The Outlook for Communication Satellite Applications.

Folder 13  International Telecommunication Union, (1979)
           Presentation entitled: The Economics of Telecommunications in the Century of the Satellite.
<table>
<thead>
<tr>
<th>Box 82</th>
<th>International Telecommunication Union - M.I.T Club of Southern California</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 1</td>
<td>International Telecommunication Union, (1983-1988)</td>
</tr>
<tr>
<td></td>
<td>Presentations entitled: Trends in Satellite Communication; The Role of Satellite Communications in the 1990s; and Communications Satellites in an ISDN Environment.</td>
</tr>
</tbody>
</table>

| Folder 3 | John A. (John Alex) McCone, 1902-, (2010-2011)                         |
|        | Interview with Martha M. Wyckoff.                                       |

|        | Talk entitled: Dual Use Technologies: Satellites.                       |

| Folder 7 | Kavli Institute for Theoretical Physics, (2003)                       |
|        | Related to Project Corona (U.S.).                                     |

| Folder 8 | Lawrence Livermore National Laboratory, (1999)                        |
|          | Related to "Director's Distinguished Lecturer Series."               |

|          | Included: DVDs.                                                        |

|          | Related to "Communications Satellites."                                |

| Box 83 | Massachusetts Institute of Technology - Miscellaneous                  |
| Folder 1 | Massachusetts Institute of Technology, (1973-1990)                     |
|        | Department of Physics and Science, Technology and Society Program.     |
|        | Copy of lectures in Box 83 (2).                                        |

| Folder 2 | Massachusetts Institute of Technology, (1989)                          |
|          | Science, Technology and Society Program.                                |
|          | Lectures entitled: Communications Satellites as a Trade Issue; Space Commercialization: Myth and Reality; Getting into Space: Rockets and Shuttle; A New Launch Vehicle for Space?; The Rocky Road to Communication Satellites; Towards a New Space Policy; and Is There a Future for Communication Satellites? |

|          | Lectures related to "Space Policy."                                     |
|          | Included: Correspondence, agenda, notes, syllabus, and printed ephemera. |
Folder 4


Removed from binder.

Communications on the Move (IEEE).

The Explosion in Satellite Technology (NEREM Conference).

Hughes Aircraft Company Comments to Executive Policy Review Committee

Aeronautical Satellites.

Management Club Talk.

Business School Presentation.

The First Decade of Communication Satellites (M.I.T. Club of Southern California).

Hughes Satellite (Hughes Helicopter Management Club).

The Aeronautical Satellite and the Aerospace Industry (International Telecommunication Union).

Folder 5

**Miscellaneous, (1976-1983)**

Removed from binder.

Pasadena Talk.

Satellite Communications for Public Service.

AAAS Planetary Panel.

Excerpts from Commonwealth Club Speech by Michael M. May.


Mission Assurance Conference.

Presentation to the General Manager’s Meeting Santa Barbara, California.

Neighbors on Earth, Partners in Space (The Canadian Club of Toronto).

The Impact of Space Shuttle on the Future of Communication Satellites (The Telecommunications Association).

The Economics of Telecommunications in the Century of the Satellite (World Telecommunication Forum).

Regional Systems Panel (Intelcom).

Remarks for Reducing Arms Race.


EHF Satellite Communications (Navy Space Symposium).


Before the Committee on Science and Technology Subcommittee on Space Science and Applications U.S. House of Representatives The U.S. Planetary Exploration Program.

Before the Committee on Commerce, Science and Transportation United States Senate.

Commercial Implications for Shuttle (American Institute of Aeronautics and Astronautics)

Productivity Measurement, Remarks to Senior Management Conference.

Box 84

**Miscellaneous - Mitre Corporation**
<table>
<thead>
<tr>
<th>Folder 1</th>
<th><strong>Miscellaneous -- Executive Summaries, (1978-1983)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td>Executive Summary: GOES.</td>
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<td>Executive Summary: ANIK C.</td>
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<td></td>
<td>Executive Summary: SBS RF Terminals.</td>
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<td>Executive Summary: Pioneer Venus Encounter.</td>
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<td>Executive Summary: SBS.</td>
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<td>Executive Summary: LEASAT.</td>
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<td>Executive Summary: PALAPA-B.</td>
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<td>Executive Summary: WESTAR IV.</td>
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<td>Executive Summary: TELSTAR 3.</td>
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<td>Executive Summary: AUSSAT.</td>
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<td>Executive Summary: Mexico.</td>
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<td>Executive Summary: Wester VI/VII.</td>
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<th>Folder 2</th>
<th><strong>Miscellaneous, (1984-1985)</strong></th>
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<td></td>
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<tr>
<td></td>
<td>Perspective on Communication Satellites (Denver ARCS Foundation).</td>
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<tr>
<td></td>
<td>Anatomy of a Major Australian Venture - &quot;Aussat&quot; (Australian-American Chamber of Commerce).</td>
</tr>
<tr>
<td></td>
<td>Prepared Remarks (Subcommittee on Telecommunications Consumer Protection and Finance of the Committee of Energy and Commerce.</td>
</tr>
<tr>
<td></td>
<td>An Industrial Perspective.</td>
</tr>
<tr>
<td></td>
<td>The Role of Satellites in a Communications Strategy.</td>
</tr>
<tr>
<td></td>
<td>Strategic Force Characteristics (Stanford University).</td>
</tr>
<tr>
<td></td>
<td>Communication Satellites in an ISDN Environment (Asia Telecom 85 Forum).</td>
</tr>
<tr>
<td></td>
<td>Civil Space Activities (Domestic Strategy Group).</td>
</tr>
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<td></td>
<td>Space Subcommittee Hearings on Insurance and Space Commercialization (Congressional Testimony).</td>
</tr>
<tr>
<td></td>
<td>Intelsat Bog Welcome.</td>
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<tr>
<td></td>
<td>Committee on Commerce, Science and Transportation (United States Senate).</td>
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</table>

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<tr>
<th>Folder 3</th>
<th><strong>Miscellaneous, (1986-1987)</strong></th>
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<tr>
<td></td>
<td>Von Karman Lecture: The Rocky Road to Communication Satellites.</td>
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<td></td>
<td>Anti-Satellite and Space Warfare (New York Academy of Sciences).</td>
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<tr>
<td></td>
<td>GSG Graduation Luncheon.</td>
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<td></td>
<td>Hughes Aircraft Company Operations: Programs &amp; Challenges.</td>
</tr>
<tr>
<td></td>
<td>A &quot;Born Again&quot; Space Program.</td>
</tr>
<tr>
<td></td>
<td>Presentation to European Advisory Council.</td>
</tr>
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<td></td>
<td>Air Traffic Control Association Speech.</td>
</tr>
<tr>
<td></td>
<td>The Role of Satellite Communications in the 1990s.</td>
</tr>
<tr>
<td></td>
<td>Strategic Controlling First Strike Capable Missiles.</td>
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</table>

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<tr>
<th>Folder 4</th>
<th><strong>Mitre Corporation, (1984-1989)</strong></th>
</tr>
</thead>
</table>
Box 85
Folder 1
Navy Space Symposium - Stanford University
Presentation entitled: EHF Satellite Communications.

Folder 2
Presentation entitled: Anti-Satellite Weapons and Space Warfare.

Folder 3
PBMD Course Graduates, (1987, May)
Speech to PBMD Course Graduates.

Folder 4
Public Service Satellite Consortium, (1977)
Address entitled: Satellite Communications for Public Service.

Folder 5
Talk related to antimissile missiles.
E-mail containing detailed outline only.

Folder 6
PTGAP International Symposium, (1963)

Folder 7
Related to "The Air Force and the Early Days of Strategic Reconnaissance."

Folder 8
Workshop on Science, Technology, and U.S. Economic Competitiveness and Restructuring the Industrial Infrastructure That Supports Military Systems. Included: Agenda, Questions for Discussion, and notes.

Folder 9

Folder 10

Folder 11
Rutgers University, (1994-1995)
Related to "PRIE research project."

Folder 12
Santa Barbara Club, (1995)

Folder 13
Santa Barbara Yacht Club, (1995)
Speech entitled: Perspective on CIA.

Folder 14

Folder 15
Sigma Xi, the Scientific Research Society, (1996)
Speech entitled: Making Connections for Research.

Folder 16
SLAC National Accelerator Laboratory, (1996)
Related to Project Corona (U.S.).

Folder 17
Stanford University, (1985)

Box 86
Folder 1
Stanford University - United States. Central Intelligence Agency
Stanford University, (1987, Feb.)
Lecture related to anti-satellite weapon (ASAT).

Folder 2
Stanford University, (1990)
Lecture related to "Arms Control and Disarmament."
Folder 3  Stanford University. Center for International Security and Arms Control, (1991)
    Lectures entitled: Gathering Information from Space and Weather Satellite Decisions.
    Included: Correspondence, notes, and printed ephemera.

Folder 5  Technology and Policy Program (1 out of 2), (1988-1989)
Folder 6  Technology and Policy Program (2 out of 2), (1989)
    Three copies.

Folder 7  Telephonic interview with Bob Rule of Radio News West, (1973, Sep.)
    Audiocassette.


    Related to Directorate of Science and Technology 35th Anniversary.

    Speech entitled: The Role of OSI in the Cold War.

Box 87  United States. Congress - William J. Perry Project


    Related to Soviet Military Space Development Program Workshop, Discoverer Capsule, and unidentified acoustic event.

    Notes only.

Folder 5  United States. President's Blue Ribbon Commission on Defense Management, (1985-1986)
    Speech entitled: A Comparison of Black, White and Commercial Space Programs.

Folder 6  University of California, Santa Barbara, (2007)
    Related to "Cuban Missile Crisis, 1962."

Folder 7  University of Colorado, (1991-1993)
    Related to "Earth Observation System."
Extracurricular and post career files, 1952-2013
Lectures and speeches, 1963-2008

Folder 8  
**University of Southern California, (1992)**  
Related to "Aerospace Systems Architecture."

Folder 9  
**University of Texas, (1988)**  

Folder 10  
**Valley Club of Montecito, (1998)**  
Speech entitled: Spies in the Skies.

Folder 11  
**William J. Perry Project, (2013)**  
Included: DVD of Albert "Bud" Wheelon Interview by Robin Lee Perry and photographs.

Reference and research files, 1957-2008

Physical Description: 13 boxes

Abstract: The material found in this subseries consists of clippings, notes, photocopies, photographs, printed ephemera, and printouts related to Wheelon's personal research and extracurricular activities. Also, included is material given to Wheelon from colleagues for his interest.

Box 88  
**Clippings - Amrom H. Katz**

Folder 1  

Folder 2  
**Clippings -- Artificial satellites, (1973-2013)**  
Included: Telecommunication.

Folder 3  
Related to writings about assassinations by Bruce Berkowitz and Jeffrey Richelson.

Folder 4  

Folder 5  
**Clippings -- Miscellaneous, (1990-2011)**  

Folder 6  
**Clippings -- Space Shuttle Program (U.S.), (2011)**

Folder 7  
**DECLASSIFIED A-12 (Jet reconnaissance plane) and SR-71 Blackbird (Jet reconnaissance plane) [OXCART], (1997-2011)**  
Included: Archangel: CIA's Supersonic A-12 Reconnaissance Aircraft by David Robarge.

Folder 8  
**DECLASSIFIED A-12 (Jet reconnaissance plane) and SR-71 Blackbird (Jet reconnaissance plane) [OXCART], (1963-2011)**  
Included: The Oxcart Story by Thomas P. McIninch and memorandums.

Folder 9  

Folder 10  
Photocopies of material written by Amrom H. Katz  
Included: Some Ramblings and Musings on Tactical Reconnaissance; The Soviets and the U-5 Photos- An Heuristic Argument; and Verification and Salt: The State of the Art and the Art of the State.

Box 89  
**Area 51 (Nev.) - Communication intelligence (COMINT)**
<table>
<thead>
<tr>
<th>Folder</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 2</td>
<td><strong>DECLASSIFIED Artificial satellites, (1957)</strong>  &lt;br&gt;Related to Space Travel and Reconnaissance Satellites; and The NRO, the Air Force, and the First Reconnaissance Relay Satellite System by Vance O. Mitchell.</td>
</tr>
<tr>
<td>Folder 3</td>
<td><strong>Artificial satellites, (1989-1993)</strong>  &lt;br&gt;Notes related to Hughes Space and Communications Group responsibilities.</td>
</tr>
<tr>
<td>Folder 5</td>
<td><strong>Artificial satellites, (1991-1994)</strong>  &lt;br&gt;Included: Slides and presentation material related to United States Space Launch Summary and Orbital Locations and SIR-C/X SAR.</td>
</tr>
<tr>
<td>Folder 7</td>
<td><strong>Astronautics and state -- United States, (1980-2008)</strong>  &lt;br&gt;Related to space policy and space science program of the United States.</td>
</tr>
<tr>
<td>Folder 8</td>
<td><strong>Canyon (satellite), (2012)</strong>  &lt;br&gt;Eavesdropper in Disguise by Jeffrey Richelson only.</td>
</tr>
<tr>
<td>Folder 9</td>
<td><strong>DECLASSIFIED Committee on Imagery Requirements and Exploitation (COMIREX), (1969)</strong></td>
</tr>
</tbody>
</table>
| Folder 10 | **DECLASSIFIED Communications intelligence (COMINT), (1959)**  <br>COMINT Satellites - A Space Problem by ----- -----.

Box 90 | **Cuban Missile Crisis - Hughes Aircraft Company**  <br>Cuban Missile Crisis, 1962, (2008-2013) |
| Folder 1 | **Dan Quayle, 1947-, (1986-1990)**  <br>Photographs only. |
| Folder 4 | **Edward Bonfoy Giller, 1918-2017, [undated]**  <br>Photograph only. |
| Folder 5 | **DECLASSIFIED Electro-optical imagery (EOI), Film Read-Out GAMBIT (FROG), and HEXAGON, (1964-2011)**  <br>Included: Real-Time Read-Out. |
| Folder 7 | **DECLASSIFIED Glomar Explorer (Ship), (1968-2010)** |
Folder 8  Herbert Scoville, [undated]
Photograph only.

Folder 9  Hughes Aircraft Company, (2012)
Related to the history of Hughes Space and Communications Group.

Box 91  Intelligence service - Marine Electronics
Folder 1  Intelligence service, (1994-1997)
Related to reconnaissance and space policy by R. Cargill Hall.

Folder 2  Intelligence service, (1995-1996)
Related to foreign policy and intelligence by Bruce D. Berkowitz.

Folder 2a  Itek Corporation, (1964-1965)
Folder 3  John A. (John Adams) Bross, 1911-, (1990)
Obituary and funeral program only.

Included: Prepared Remarks Before the Senate Select Committee on Intelligence and clippings.

Folder 5  Judyth L. Twigg, (1996, Aug.)
Draft related to Russian space program.

Folder 6  KH-11 [CRYSTAL], (1994)
Included: Crystal Technology by Albert D. Wheelon.

Folder 7  DECASSIFIED The Kidnapping of the Lunik, (1967-2005)
Folder 8  Lockheed Aircraft Corporation, (1993-2002)
Included: Lockheed's SR-71 'Blackbird' Family by James Goodall and Jay Miller and Lockheed's Skunk Works: The First Fifty Years by Jay Miller.

Folder 9  Manned Orbiting Laboratory Program (U.S.), (1966)
Photocopies of "Comments, Observations and Recommendations re Reconnaissance and Photo Optical Programs for MOL."

Folder 10  Marine Electronics, (1965-1969)
Box 92  Milstar - Project Corona (U.S.)
Folder 1  Milstar (Military Strategic and Tactical Relay), (1989-1993)
Folder 1a  M-X Basing, (1999)
Cover letter from Charles H. Townes to Albert D. Wheelon only.

Folder 2  National Space Council (U.S.), (1990-1991)
1990 Report to the President only.

Folder 3  Notes -- Calculations, (2009)
Folder 4  Notes, [undated]
Related to files in Series 5.

Folder 5  Nuclear Emergency Search Team (NEST), (2002)
Article entitled: Defusing Nuclear Terror by Jeffrey Richelson.

Folder 6  Pakistan Nuclear Weapons, (2008)
Related to Secret Empire: Eisenhower, the CIA, and the Hidden Story of America’s Space Espionage.

Folder 8  DECLASSIFIED Project Corona (U.S.), (1963-1988)
Included: The Corona Story, memorandum, and official histories.

Photocopies and clippings.

Box 93  Project Corona (U.S.) - Project Venona (U.S.)
Folder 1  DECLASSIFIED Project Corona (U.S.) -- Cameras [KH-3, KH-4], (1995-1996)

Folder 2  Project Corona (U.S.) -- Correspondence, (1995)
Correspondence related to Albert D. Wheelon’s Corona address.

Folder 3  Project Corona (U.S.) -- Corona Pioneers, (1995)
Included: Corona: The First Satellite Reconnaissance System Presented at George Washington University.

Included: Correspondence and writings.

Folder 5  Project Corona (U.S.) -- Negatives, photographs, and slides, (1995-1996)

Folder 6  Project Corona (U.S.) -- Satellite Recovery, [undated]

Folder 7  Project Corona (U.S.) -- Thor Agena and Thorad-Agena, (1996)

Folder 8  Project Corona (U.S.) -- Unveiling, (1995)
Included: Material related to CORONA Conference at the Center for the Study of Intelligence (U.S.).

Folder 9  Project Corona (U.S.) -- Video, (1996)
Included: Final Narration Script by Kurt Sayenga for Arcwelder Films.

Folder 10  DECLASSIFIED Project Isinglass (U.S.), (2010)
Included: Correspondence, memorandums, and The Space Review printouts.

Folder 11  DECLASSIFIED Project Venona (U.S.), (1995)

Box 94  Scattering integrals - Space Shuttle Program (U.S.)
Folder 1  Prowler (satellite), (2011)
Evaluation of the Opportunity to Launch Prowler on STS 38 by Ted Molczan only.

Folder 2  DECLASSIFIED Quill (satellite), (2004)
QUILL: The First Imaging Radar Satellite by Robert L. Butterworth only.

Folder 3  Relativistic quantum mechanics, (1989)
Notes and problem sets only.

Folder 4  DECLASSIFIED Reykjavik Summit, (1986-2006)

<table>
<thead>
<tr>
<th>Folder</th>
<th>Title</th>
<th>Date Range</th>
<th>Description</th>
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<tr>
<td>9</td>
<td>Scattering integrals, (1958-1968)</td>
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<td>This material may overlap with material found in Series 3, Subseries 3 (University of California, Los Angeles).</td>
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<td>10</td>
<td>Scintillation, (1958)</td>
<td></td>
<td>Primarily notes This material may overlap with material found in Series 3, Subseries 3 (University of California, Los Angeles).</td>
</tr>
<tr>
<td>12</td>
<td>DECLASSIFIED Signals intelligence (SIGINT), (1989-1996)</td>
<td></td>
<td>Related to RHYOLITE, American cryptology during the Cold War, and History Project.</td>
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<td>3</td>
<td>Surveyor Program (U.S.), (1968)</td>
<td></td>
<td>Booklet only.</td>
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<td>4</td>
<td>Tactical Satellite Program, (2011)</td>
<td></td>
<td>Tactical spy satellite streaks into space on Minotaur rocket by Stephen Clark printout only.</td>
</tr>
</tbody>
</table>

Albert D. Wheelon papers mssWheelon 43
Extracurricular and post career files, 1952-2013
Reference and research files, 1957-2008

Folder 7

Anniversaries and printed ephemera.

Box 96
Folder 1

United States. Central Intelligence Agency
DECLASSIFIED United States. Central Intelligence Agency (1 out of 2), (1992)
Photocopies of The Central Intelligence Agency and Overhead Reconnaissance 1954-1974 by Gregory W. Pedlow and Donald E. Welzenbach.
A PDF of the document may be found here.

Folder 2

DECLASSIFIED United States. Central Intelligence Agency (2 out of 2), (1992)
Photocopies of The Central Intelligence Agency and Overhead Reconnaissance 1954-1974 by Gregory W. Pedlow and Donald E. Welzenbach
A PDF of the document may be found here.

Folder 3

Photocopies of National Photographic Interpretation Center the Years of Project HTAUOMAT, 1956-1958 Volume II
A PDF of the document may be found here.

Folder 4


Box 97
Folder 1

DECLASSIFIED United States. Central Intelligence Agency. Director and Deputy Director of Science and Technology (1 out of 2), (1961-1973).
Primarily historical material for The DD/S&T Historical Series.
Included: Cost Reduction Program.

Folder 2

DECLASSIFIED United States. Central Intelligence Agency. Director and Deputy Director of Science and Technology (2 out of 2), (1972).
Primarily historical material for The DD/S&T Historical Series.

Folder 2a

The Office That Never Was: The Creation of the National Applications Office by Jeffrey Richelson.

Folder 3

A PDF of the 2003 monograph may be found here.

Box 98
Folder 1

United States. National Reconnaissance Office
A PDF of the 2003 monograph may be found here.
<table>
<thead>
<tr>
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<tr>
<td>Related to problems at the National Reconnaissance Office.</td>
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<td>Included: Memorandums from Robert Kohler.</td>
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<td>Chapter 5 only.</td>
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<tr>
<td>The Coldest Warriors and Beyond the Iron Curtain by William E. Burrows, 1937-.</td>
<td></td>
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<tr>
<th>Folder 5</th>
<th>United States. National Reconnaissance Office -- Correspondence and memorandums, (1996-2007)</th>
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</thead>
<tbody>
<tr>
<td>Included: The State of the National Reconnaissance Office: A Perspective by Robert J. Kohler.</td>
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<tr>
<td>Primarily photocopies and printouts of articles by Dwayne A. Day.</td>
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<tr>
<td>Included: Documents referring to balloon overflights of the Union of Soviet Socialist Republics (U.S.S.R.).</td>
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<thead>
<tr>
<th>Box 99</th>
<th>United States. National Reconnaissance Office</th>
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<tbody>
<tr>
<td>Primarily drafts by Jeffrey Richelson.</td>
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<td>Primarily drafts by Jeffrey Richelson.</td>
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<td>Primarily publications (photocopies) of the drafts above.</td>
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<tbody>
<tr>
<td>Related to NRO Organization; A Summary of the National Reconnaissance Problem; John A. (John Alex) McConé, 1902-1991; Eugene G. Fubini, 1913-1991 proposal; ExCom Issues; boost-glide; and management.</td>
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<tr>
<td>Included: NRO Management Study Panel; defense memorandums; and Review of Director, National Reconnaissance Office, Time Commitments.</td>
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<tr>
<th>Box 100</th>
<th>United States. National Reconnaissance Office</th>
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<td>Primarily photocopies and printouts of articles.</td>
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</table>
Extracurricular and post career files, 1952-2013
Reference and research files, 1957-2008

Folder 2


Folder 3


Box 101

United States. National Reconnaissance Office
Folder 1


Folder 1a

The Hexagon Story.

Folder 2

Primarily correspondence between Albert D. (Albert Dewell) Wheelon, 1929, R. Cargill Hill, and Jeffrey Richelson.

Folder 3

Related to Oral History Program.

Folder 4


Folder 5

Primarily booklets.

Folder 6


Folder 7

United States Intelligence Community (IC), (1996-2005)
Included: Budget notes, 2005.

Publications and writings, 1955-2008
Physical Description: 4 boxes

Box 102
Folder 1
Lists: Corona: The First Reconnaissance Satellites

Albert D. Wheelon papers mssWheelon 46
Folder 2

Folder 3
   Included: Amplitude Backup [notes for article?].

Folder 4
Backscattering By Turbulent Irregularities: A New Analytical Description (Institute of Electrical and Electronics Engineers) by Albert D. (Albert Dewell) Wheelon, 1929-2013, (1972)

Folder 5

Folder 6
   Included: Correspondence and drafts.

Folder 7

Folder 8

Folder 1
   Included: Correspondence and drafts.

Folder 2

Folder 3

Folder 4

Folder 5

Folder 6

Folder 7
   A PDF of the 1966 memorandum may be found here.

Folder 8
Miscellaneous, (1955-2007)
   Related to scintillation, scattering, meteors, turbulence, trajectory, mathematics, and non-linear.
   This material may overlap with material found in Series 3, Subseries 3 (University of California, Los Angeles).

Box 104
One: From Vision to Reality... - Reasonable Expectations

Folder 1

Volume 1
DECLASSIFIED Papers and Speeches by Albert D. (Albert Dewell) Wheelon, 1929-2013
Folder 2
Included: Spectrum Backup [notes for article?].

Folder 3

Folder 4
Included: Correspondence.
Draft.
This material may overlap with material found in Series 3, Subseries 3 (University of California, Los Angeles).

Folder 5
Draft
This material may overlap with material found in Series 3, Subseries 3 (University of California, Los Angeles).

Folder 6

Box 105
The Role of Intelligence... - When My Dad Knew Jesse James
Folder 1
The Role of Intelligence in the Cuban Missile Crisis by Albert D. (Albert Dewell) Wheelon, 1929-2013, (2012)
Included: Correspondence.

Folder 2
Skewed Distribution of Irradiance Predicted by the Second-Order Rytov Approximation by Albert D. (Albert Dewell) Wheelon, 1929-2013

Folder 3
Please see Box 80 (12) for overlapping material.

Folder 4
Primarily correspondence with the publisher Holden-Day, Inc.

Folder 5
Included: Material related to 25th year publication of Technology in Society.

Folder 6
Fiction.

Folder 7

Folder 8
Included: A Second Comment on Clergy Involvement in Politics and A Program for the New Bishop.

Folder 9
Included: Correspondence.
### Folder 10

**When My Dad Knew Jesse James by Albert D. (Albert Dewell) Wheelon, 1929-2013, [undated]**

Fiction.

**Orville A. Wheelon, 1933-1953**

Physical Description: 1 box

### Box 106

**Articles - Supplement to Serial No. 1051VW**

**Articles -- Design and Manufacturing Techniques With Titanium by Orville A. Wheelon, (1951)**

**Correspondence, (1953)**

Related to Personal Service Contract with the United States. Central Intelligence Agency.

### Folder 3

**Lectures -- Douglas Caltech Lecture Series, (1949)**

Aeronautical Engineering Course No. 2530.

Removed from binder.

### Folder 4

**Logs -- Orville Albert Wheelon’s Pilot Log Book, (1933)**

Driving Across America 1933.

### Folder 5

**Supplement to Serial No. 1051VW, (1950s)**

Audiovisual and oversize, 1917-2000

Physical Description: 4 boxes and 2 oversize folders

### Box 107

**VHS**


The Channel City Club -- Coming In From the Cold: Satellite Reconnaissance, (1995).

The Channel City Club -- Coming In From the Cold: Satellite Reconnaissance, (1995), Duplicate.


Box 108

VHS
Kidnap of the Lunik - KNBC, [undated].
R.V. Jones Award to Bud Wheelon, (1994, Dec. 8).
R.V. Jones Award, (1999, Apr. 15).

Box 109

Folder 1

Newsletters - Studies in Intelligence
Speaking of Intelsat VI.

Folder 2

Notes -- My Own Company, (1962-1970)
Photographs -- [Tour of John F. Kennedy Space Center], [undated]

Folder 3

Scrapbooks, (1965-1966)
Loose items are located in Boxes 17-18.

Folder 4

DECLASSIFIED Studies in Intelligence, (1994)
Photocopies of various publications related to intelligence.

Box 110

Folder 1

Rolled items

Item 1
Appointing certificates -- Albert Wheelon, (1917-1929)
Register of the Land Office at Pierre, South Dakota; Local Board for the County of Hughes, State of South Dakota.
Four certificates.

Item 2
Certificates -- Liberty Loan Committee, (1917)
Two certificates.

Item 3
Diplomas -- Institute of Radio Engineers, (1956-1958)
Two diplomas.

Oversize folder 1
Printed ephemera, (1984-1987)
Primarily newspaper clippings related to Hughes Aircraft Company.

Oversize folder 2
Illustrations, photographs, and prints, (1992)