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# The Robert H. Goddard Papers

Robert H. Goddard

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## **THE ROBERT H. GODDARD PAPERS**

This register is the result of a National Historical Publications and Records Commission grant in the amount of \$14,760 awarded to Clark University in 1978. The grant was for the acquisition, restoration, preservation, and organization of the papers of Robert Hutchings Goddard and Esther (Kisk) Goddard. Primarily a records preservation project, its secondary purpose included identification, evaluation, and arrangement of additional material for the collection and preparation of appropriate finding aids.

The Daniel and Florence Guggenheim Foundation provided conservation funds in the amount of \$10,000. Specialized conservation of the Goddard Papers was performed by one of the nation's premier conservators, Carolyn Horton & Associates, Inc., of New York City. The materials included in this restoration project were Dr. Goddard's unpublished M.A. Thesis, original manuscripts, pocket diaries, rocket experiment test data, his first two U.S. Letters Patents, and some correspondence. In addition, motion-picture film of Goddard rocket experiments was recopied and news clippings were microfilmed.

The co-Directors of this project were Dr. Paul S. Clarkson, Emeritus Curator of Special Collections and Rare Books, and Dr. William A. Koelsch, University Archivist.

## SCOPE & CONTENT NOTE

Dr. Robert H. Goddard was a member of the Clark Physics Department for 29 years. Foremost American pioneer of rocket research, he laid the technical and theoretical foundations for many of the developments in long-range rockets, missiles, satellites and space flight, which collectively put us into the Space Age.

The original deposit of Goddard papers, concerning Dr. Goddard's life and work, was given to Clark University by Mrs. Goddard in 1964, but these materials were not brought to campus until the Goddard Library was opened in May of 1969. Additional Goddard materials, including large quantities of photographs and most of Mrs. Goddard's working files were transferred, with the approval of the Trustee of the Goddard Estate, on October 23, 1978. A smaller portion, consisting of additional photographs and a card index to the patents (with cross-references), came to Clark on February 20, 1979. Included in the collection also are files from the office of Patent Attorney, Charles T. Hawley, following the progress of Dr. Goddard's patent applications. These files overlap with Dr. Goddard's records of the applications. The collection includes original paintings by Dr. Goddard.

In the Goddard Collection are original manuscripts, documents, and copies of manuscripts and documents. In some cases, copies have been made of original documents in other collections. In other instances, there are copies of originals that have been lost or destroyed. We have also copied Dr. Goddard's carbons of his correspondence onto acid-free permalife paper. The carbon copies are in a separate subseries. (In The Esther C. Goddard Papers photocopies have been made of some of her correspondence as well. There too the photocopied carbons are in separate subseries.)

The correspondence files had lost their original arrangement through reorganization by Mrs. Goddard, as she worked on the three volumes of excerpts of her husband's papers, published in 1970. Large segments were grouped into her categories, that is, "papers used" and "papers omitted". Earlier researchers also apparently numbered documents to suit their purposes. To overcome the limitations of these (idiosyncratic suited) arrangements, the correspondence was refiled chronologically within three groups--"Letters To", "Letters From", and "Letters About (including miscellaneous)". In order to compensate for the temporary lack of an in-house card catalog index (currently in progress), we have listed the individual correspondents alphabetically under the appropriate folders.

Despite the comprehensiveness of the Collection, gaps exist. From Dr. Goddard's "Autobiographical Statement" of July 1927, we have:

"Accordingly, one day [1904] I gathered all the notes I could conveniently find and burned them in the little old-fashioned wood stove in the dining room."

Also, until his marriage in 1924, and the undertaking of secretarial duties by Mrs. Goddard, Dr. Goddard's correspondence files are incomplete. Moreover, a fire in the office of Dr. Goddard's patent attorney, Charles T. Hawley, destroyed most of the early patent case material. And from the Preface to bound Volume XXIII, transcribed by Mrs. Goddard and entitled "Progress Reports to Navy Department, 1941-1945", we learn from her note of March 31, 1956:

"This volume contains photostatic copies of the Progress Reports Dr. Robert H. Goddard submitted to the Army Air Corps from December 1941 to July 1942, and to the Navy Department from November 1942 to May 1945. Four reports in late 1942 are missing.

"Dr. Goddard's carbon copies of the Navy reports disappeared shortly after his death from his files at the Curtiss-Wright Corporation at Caldwell, NJ, making it necessary for me to ask the cooperation of the Navy Department in supplying photostatic copies as they were declassified. All these reports were kindly sent, except those submitted in December 1941 and 1942 (Contract No. N03-91391), which were missing from the Navy files. During the first half of 1942, however, progress reports under a concurrent contract (No. 42-7280) with the Army Air Corps were submitted to Wright Field, and covered, in the main, the same development as that carried on for the Navy Department. These reports to the Army have therefore been copied and are inserted before the photostated Navy reports."

Additional Robert Goddard materials are held in the Clark University Archives and not listed here. These include correspondence in the G. Stanley Hall Papers, Wallace W. Atwood Papers and Physics Department records, Physics Colloquium lecture notebooks, material on the Clark University Radio Club, and newspaper clippings concerning Goddard and the University of his time. In addition, Dr. Percy Roope's papers are made up of interviews about Dr. Goddard. Some papers of his assistant Larry Mansur are held in the Bedford Public Library.

Mrs. Goddard was her husband's constant companion in rocket research, his assistant, secretary, and photographer. After her husband's death, she was the principal interpreter of her husband's work, an indefatigable speaker and correspondent about Robert Goddard, rocketry, and space, and collector and editor of her husband's papers. For the period between his death, in 1945, and her own in 1982, her papers (page 71) serve as a barometer of interest in the space age, documenting school children's inquiries, public ceremonies, scholarly interests, and recognition of the historic research conducted by her husband.

**ROBERT HUTCHINGS GODDARD**  
**Biographical Note**

|                                       |   |
|---------------------------------------|---|
| 1882, October 5                       | Born at Maple Hill, Worcester, MA   |
| 1883                                  | Moved with family to Roxbury, MA  |
| 1888-1898                             | Attended Mount Pleasant, Hugh O'Brien, & English High Schools in Boston   |
| 1889                                  | Began thinking about flight into outer space  |
| 1898                                  | Moved with family to Maple Hill, Worcester  |
| 1899, October 19                      | “Anniversary Day” of dedication to the development of a method of attaining great heights   |
| 1899-1901                             | Kept from school by illness   |
| 1901-1904                             | Student, South High School, Worcester   |
| 1904-1908                             | Student, Worcester Polytechnic Institute (B.S. 1908)  |
| 1908-1909                             | Instructor of Physics, W.P.I., & special student in Physics, Clark University   |
| 1909-1911                             | Fellow in Physics, Clark University (A.M. 1910, Ph.D. 1911)   |
| 1911-1912,<br>1914-1915,<br>1918-1920 | Honorary Fellow in Physics, Clark University  |
| 1912                                  | First explored mathematically the practicality of using rocket power to reach high altitudes & escape velocity  |
| 1912-1913                             | Research Instructor in Physics, Princeton University  |
| 1913-1914                             | Contracts and partly recovers from tuberculosis   |
| 1914, July                            | Awarded first two patents for rocket apparatus: U.S. Letters Patent #1,102,653 liquid-fuel gun rocket; U.S. Letters Patent #1, 103,503 a multistage step rocket (eventually awarded 214 patents, 1914-1956) |

|                     |   |
|---------------------|---|
| 1914-1915           | Instructor in Physics, Clark College; Assistant Professor 1915-1919; Associate Professor, 1919-1920   |
| 1915                | Proves experimentally that a rocket will provide thrust in a vacuum   |
| 1916-1918           | Instructor, Clark University  |
| 1917, January 5     | Received first financial assistance from the Smithsonian Institution (\$5,000 from Hodgkins Fund); Further grants made through 1929 & in 1932   |
| 1917-1918           | Developed the basis for the rocket weapon, later known as the bazooka, done for U.S. Army Signal Corps & Ordnance Department, in the shops at the Worcester Polytechnic Institute, at Clark University, & later at the Mount Wilson Observatory in California. This was demonstrated successfully at the Aberdeen Proving Grounds on November 10, 1918, before representatives of the armed services. |
| 1919                | First to publish in the U.S. a basic mathematical theory underlying rocket propulsion & rocket flight, together with results of experiments with solid-propellant rockets, "A Method of Reaching Extreme Altitudes", Smithsonian <u>Miscellaneous Collections</u> , Vol. 71, No. 2  |
| 1920-1923           | Part-time consultant on solid-propellant rocket weapons for U.S. Government at Indian Head, Maryland  |
| 1920-1925           | First to develop a rocket motor using liquid propellants (liquid oxygen & gasoline)   |
| 1920-1943, August 5 | Professor, Clark University   |
| 1923-1943           | Director of the Physical Laboratories, Clark University; is chairman of the physics and mathematics departments   |
| 1924, June 21       | Married Esther Christine Kisk   |
| 1925                | Static test at Clark University: liquid-propellant rocket lifted its own weight for first time  |

|                    |   |
|--------------------|---|
| 1926, March 16     | First to launch a liquid-propellant rocket, at Auburn, MA   |
| 1929, July 17      | Tested first rocket containing instruments at Auburn, MA, which attracted wide public attention   |
| 1929, November 23  | First meeting with Charles A. Lindbergh   |
| 1930, July 10-1932 | First two-year grant from Daniel Guggenheim, began conducting full time rocket research at Roswell, NM (on leave of absence from Clark University)                  |
| 1932               | First developed gyro stabilization apparatus for rockets  |
| 1932               | First used deflector vanes in the blast of the rocket motor as a method of stabilizing & guiding rockets  |
| 1932-1934          | Teaching at Clark University, & continued research financed by the Smithsonian Institution & The Daniel & Florence Guggenheim Foundation                            |
| 1935               | "A" series rocket tests (14-test series; rockets at this stage were about 15 feet long)   |
| 1935, March 8      | First to launch a liquid-propellant rocket which attained a speed greater than that of sound (700 mph)  |
| 1935               | Rocket reached altitude of 7500 feet  |
| 1936, March 16     | Publication of "Liquid Propellant Rocket Development", <u>Smithsonian Miscellaneous Collections</u> , Vol. 95, No. 3  |
| 1936-1938          | "L" series rocket tests (30-test series; rockets were about 18 feet long)   |
| 1937               | Rocket reached height of 9000 feet  |
| 1938-1941          | "P" series rocket tests (this 36-test series represents his last flight rockets; they averaged about 22 feet in length)   |
| 1942-1945          | Director of Research, Navy Dept., Bureau of Aeronautics developing jet-assisted takeoff & variable-thrust liquid-propellant rockets, at Roswell, NM & Annapolis, MD |

|                 |  |
|-----------------|--|
| 1943-1945       | Consulting Engineer, Curtiss-Wright Corporation,<br>Caldwell, NJ   |
| 1944-1945       | Director, American Rocket Society                                  |
| 1945, June 2    | Received an honorary Doctor of Science degree, Clark<br>University |
| 1945, August 10 | Died at Baltimore, MD. Buried in Hope Cemetery,<br>Worcester, MA   |

**ORGANIZATION MEMBERSHIPS:** Fellow of the American  
Association for the Advancement of Science  
& of the Institute of Aeronautical Sciences;  
Member of the American Physical Society;  
American Meteorological Society; American  
Rocket Society;  
National Aeronautics Association;  
Geophysical Union;  
American Institute of Social Sciences;  
Sigma Xi; Sigma Alpha Epsilon





Agreements (contracts), correspondence, memoranda, blueprints, reports arranged chronologically.

Series 6 Reports & statements on rocket development, 1918-1941  
(2 boxes)

Periodic reports to The Smithsonian Institution, Clark University, & The Daniel & Florence Guggenheim Foundation, arranged by the receiving institution & chronological within folders. Also material on the Clark University Research Corporation (Advisory Committee).

Series 7 Patent Cases (56 boxes)

The 214 patents & 32 unsuccessful patent applications, arranged by chronology of the case number rather than the U.S. Letters Patent Number, were represented in two, incomplete files (Dr. Goddard's & those of his patent attorney, Charles T. Hawley of Worcester). The integrity of the arrangement was retained by combining the two incomplete files. The blueprints were separated, cross-referenced and arranged according to the corresponding case. The duplicate copies of patent applications, briefs, correspondence, and U.S. Patent Office rulings were removed to a separate subseries. The original U.S. Letters Patents and foreign patents (British Patent No. 133,096 & French Patent No. 498,797) are arranged chronologically according to patent number and date of issue with the foreign patents at the end of the U.S. Patents. Two copies each of U.S. Letters Patents issued to Dr. Goddard by the official government agency, arranged chronologically according to patent number and date of issue, are in a separate subseries. Since this processing, we have received a card file prepared by Mrs. Goddard, which provides the researcher with a subject index to the patent cases showing the relationship amongst cases.

Series 8 Manuscripts and Publications, 1901-1945 (5 boxes)

Arranged chronologically.

Series 9 Miscellaneous (1 box)

Arranged chronologically.

- Series 10 Newspaper and magazine clippings, misc. brochures, invitations etc. 1904-1976 (15 boxes)
- Arranged chronologically.
- Series 11 Lists (1 box)
- Affidavits, Collection of books and articles, Correspondence to and from RHG, "List of recipients of "This High Man"
- Series 12 Magazine and Newspaper clippings 1920-1946 about Rockets, Inventions, etc. with H. Oberth, Max Valier, and others (1 box)
- Series 13 Transcripts of Goddard Diary 1898-1945 and excerpts from five green notebooks done by ECG (1 box)
- Series 14 Non-print material
- Photographs [mounted] by B. Anthony Stewart, copyright National Geographic Society, paintings by Robert Goddard, photographs, albums, gyroscopes and rocket parts.

**ROBERT H. GODDARD PAPERS**

**SERIES 1    FAMILY AND PERSONAL PAPERS**

BOX 1-1    Diary of Danford Goddard, 1855-1857  
 Monograph, The Samuel Goddard Families by Charles Austin Goddard, 1935  
 Monograph, A Genealogy of the Descendants of Edward Goddard of Norfolk County, England, 1881  
 Robert H. Goddard Autobiographical Statement, February 6, 1921  
 Robert H. Goddard Autobiographical Statement, July, 1927 (with further suggestions of March, 1933)  
 Biographical & Genealogical Data (including RHG correspondence)  
 Genealogical Data  
 Genealogical Data & Family Papers  
 Robert H. Goddard, Miscellaneous Childhood Notes (South High School, confirmation), 1896-1913  
 Graduation from South High School, Worcester, 1904  
 Robert H. Goddard's Frog Hatchery  
 The Marriage Service

BOX 1-2    Family Papers and Genealogical Data  
 Genealogical Data  
 Biographical and Genealogical Data (including RHG correspondence)  
 Robert H. Goddard Autobiographical Statement, Feb. 6, 1921

BOX 1-3    (stored in the fireproof file cabinet)  
 Pocket Diaries, 1898-1923

BOX 1-4    (stored in the fireproof file cabinet)  
 Pocket Diaries, 1924-1945

**SERIES 2    PROFESSIONAL AND GENERAL CORRESPONDENCE**

**SUBSERIES 1    ORIGINALS AND XEROXES OF DR. GODDARD'S CORRESPONDENCE**

BOX 2-1-1    **Letters TO Dr. Robert H. Goddard, March 7, 1901  
 October 24, 1914**

|  |  |
|--|--|
| E.F. Bigelow [ <u>Nature<br/>Science for Young<br/>Folks</u> ] | W.F. Magie   |
| J. Mc.K. Cattell<br>[ <u>Popular Science<br/>Monthly</u> ]     | J. Marshall<br>Munn & Co. [ <u>Scientific<br/>American</u> ] |
| R. Cory  | W.W. Payne [Popular<br>Astronomy]                            |
| J. Daniels   | G.B. Pegram<br>[ <u>Popular Science News</u> ]               |
| C. DeWitt  | F.D. Roosevelt   |
| F.W. Hodge   | E.C. Sanford   |
| S.P. Langley   |  |

**Letters TO Dr. Robert H. Goddard, March 19,  
1915-December 12, 1917**

|             |              |
|-------------|--------------|
| H.W. Dorsey | R. Rathbun   |
| W.T. Foster | E.C. Sanford |
| H. Maxim    | C.D. Walcott |

**Letters FROM Dr. Robert H. Goddard, December  
26, 1895-December 15, 1916**

**Letters FROM Dr. Robert H. Goddard, March 24,  
1917-December 26, 1917**

**Letters ABOUT Dr. Robert H. Goddard, October  
2, 1916-April 14, 1917**

**Miscellaneous Correspondence, Reports &  
Ephemera, May 4, 1901-ca. 1932/1933**

BOX 2-1-2

**Letters TO Dr. Robert H. Goddard, January,  
1918-December, 1918**

|               |              |
|---------------|--------------|
| C.G. Abbott   | E.C. Sanford |
| W.S. Adams    | J.T. Skelly  |
| H.W. Dorsey   | J.C. Spence  |
| R. Rathbun    | C.D. Walcott |
| G.I. Rockwood |              |

**Letters TO Dr. Robert H. Goddard, January,  
1919-October, 1919**

|              |              |
|--------------|--------------|
| C.G. Abbott  | C.N. Hickman |
| H.W. Dorsey  | C. Marvin    |
| G.S. Fulcher | W.P. True    |
| G.E. Hale    | C.D. Walcott |

Letters FROM Dr. Robert H. Goddard, January,  
1918-June 25, 1918

Letters FROM Dr. Robert H. Goddard, July 1,  
1918-August 30, 1918

Letters FROM Dr. Robert H. Goddard, September 1, 1918  
December 9, 1918

Letters FROM Dr. Robert H. Goddard, January, 1919-  
September 1919-December 1919

Letters ABOUT Dr. Robert H. Goddard, January,  
1918-May, 1918

Letters ABOUT Dr. Robert H. Goddard, June,  
1918-December, 1918

Letters ABOUT Dr. Robert H. Goddard, February, 1919  
June, 1919

BOX 2-1-3

Letters TO Dr. Robert H. Goddard, January-December 1,  
1920

|                     |                          |
|---------------------|--------------------------|
| C.G. Abbott         | A.A. Fries               |
| R.F. Aldrich        | P. Gombos                |
| E.E. Aldrin         | G. Hurd                  |
| C. Baucia           | O.M. Hustvedt            |
| J. Bosler           | E.J. Lamanski            |
| F. Brachmauny       | MacMillan & Co. [London] |
| M.R. Brocard        | C.B. McVay, Jr.          |
| R. Brocard          | Mary Pickford Studios    |
| K.T. Compton        | W. deC. Ravenel          |
| J. Fon Dorneneck    | H. Russell               |
| H.W. Dorsey         | E.C. Sanford             |
| R. Earle            | A. Troller               |
| R. Esnault-Pelterie | C. Wahlstrom             |

F.P. Fergusson

**Letters TO Dr. Robert H. Goddard, January 19-December 8, 1921**

|                 |               |
|-----------------|---------------|
| C.G. Abbott     | A. Mas        |
| W.W. Atwood     | E.L. Pinney   |
| F.W. Baldwin    | F.A. Ramsdell |
| C.G. Budde-Lund | G.P. Serviss  |
| Peo Emanuelli   | J.S. Shaw III |
| E. Harhighen    | C. Whitcomb   |
| C.E. Harris     |               |

**Letters TO Dr. Robert H. Goddard, April 17-November 6, 1922**

|             |                 |
|-------------|-----------------|
| C.G. Abbott | A.A. Matter (?) |
| J. Bastard  | H. Oberth       |
| A. Gibson   | C.D. Walcott    |
| L. Kirste   |                 |

**Letters TO Dr. Robert H. Goddard, May 24- December 27, 1923**

|             |                 |
|-------------|-----------------|
| C.G. Abbott | W. deC. Ravenel |
| A. Gibson   | E.E. Slosson    |
| H. Oberth   |                 |

**Letters TO Dr. Robert H. Goddard, January 14-December 19, 1924**

|               |                   |
|---------------|-------------------|
| C.G. Abbott   | D.Hoefft          |
| M.R. Alling   | I. Hornibrook     |
| F. Bryant (?) | W.J. Humphreys    |
| K.T. Compton  | R. La Fayette     |
| A. Corlin     | B.E. Livingston   |
| L.P. Crim     | A.A. Merrill      |
| W. Davis      | N. Morosov        |
| H.W. Dorsey   | H. Oberth         |
| G.A.L. Dumont | N. Riffolt        |
| R. Earle      | H. Sachs          |
| S. Egoroff    | F.O.L. von Hoefft |
| A. Elewry     | C.D. Walcott      |
| C.W. Goddard  | A. Wetmore        |

H.C. Goddard  
A. Gradenwitz

D. White

**Letters TO Dr. Robert H. Goddard, January 8-  
December 12, 1925**

|                |                       |
|----------------|-----------------------|
| C.G. Abbott    | Industrie-und-Handels |
| E.E. Aldrin    | Zeitung               |
| Der Berliner   | T. Kaiser             |
| J.J. Carrau    | H. Oberth             |
| O. Daske       | R.L. Waterfield       |
| E.C. Eyer      | D. White              |
| W.J. Humphreys |                       |

**Letters TO Dr. Robert H. Goddard, January 14-  
December 22, 1926**

|                                  |                |
|----------------------------------|----------------|
| C.G. Abbott                      | E. Limacher    |
| K. Anderson                      | W.F. Magie     |
| H.W. Dorsey                      | M.T. Nielsen   |
| C.A. Ferrari                     | E. Reihmeier   |
| O.W. Gail                        | R. Reinecke    |
| German Consulate,<br>Attache     | N. Rynin       |
| Industrie-und-Handels<br>Zeitung | H. Staritz     |
| W.F. Kerr                        | A. de Stephano |
| Y.A. Koh                         | I. Toker       |
| W. Kortmann                      | C.D. Walcott   |
| R. Lademann                      | A. Wetmore     |
|                                  | M. Winkler     |

**Letters TO Dr. Robert H. Goddard, January 14-  
December 23, 1927**

|                                     |                |
|-------------------------------------|----------------|
| C.G. Abbott                         | J. Kiener      |
| J.A. Anderson                       | R. Lademann    |
| W.W. Atwood                         | R. Oldenbourg  |
| Association of Inventors,<br>Moscow | M. Proctor     |
| S. Averbuchy                        | J.R. Randolph  |
| E.B. Genesiran                      | O.H. Rodriguez |
|                                     | K. Thierbarz   |

**Letters TO Dr. Robert H. Goddard, February**



**15 December 27, 1928**

|                     |                |
|---------------------|----------------|
| C.G. Abbott         | J. Kuhr Huddle |
| E.E. Aldrin         | W.J. Humphreys |
| W.W. Atwood         | R. Lademann    |
| C. Coniatis         | W. Ley         |
| R. Esnault-Pelterie | A. Stocker     |
| B. Gorneau (?)      |                |

**Letters TO Dr. Robert H. Goddard, January 5-August 23, 1929**

|              |                        |
|--------------|------------------------|
| C.G. Abbott  | W.A. Kennan            |
| F.M. Aguirre | M. Leontovsky          |
| R. J. Brown  | <u>Popular Science</u> |
| P. Emerich   | W.E. Robertson         |
| E. E. Free   | V. Soloviev            |
| E.P. Genn    | J. Stokley             |
| H. Gernsback | E. Sturtevant          |
| G. W. Gray   | T. Vinogradov          |

**Letters TO Dr. Robert H. Goddard, September 4-December 31, 1929**

|              |                            |
|--------------|----------------------------|
| C.G. Abbott  | Lahore Electric Supply Co. |
| F. Andrea    | R. Marekore                |
| W.W. Atwood  | J.C. Merriam               |
| W. F. Clark  | A. Neuburger               |
| H.W. Dorsey  | M.J. Shapiro               |
| A.W. Ewell   | H. Shapley                 |
| W.M. Gilbert | C.F. Taylor                |
| C.E. Hocker  | W. Talank                  |
| J.C. Hubbard | C.H. Thurber               |
| M. Jessup    | R.E. Turpin                |
| R. Lademann  |                            |

**Letters FROM Dr. Robert H. Goddard, January 19-December 6, 1920****Letters FROM Dr. Robert H. Goddard, April 12-December 19, 1921****Letters FROM Dr. Robert H. Goddard, March 29-October 30, 1922**

Letters FROM Dr. Robert H. Goddard, February  
1-December 31, 1923

Letters FROM Dr. Robert H. Goddard, January  
3-December 24, 1924

Letters FROM Dr. Robert H. Goddard, January  
13-December 15, 1925

Letters FROM Dr. Robert H. Goddard, February  
1-December 29, 1926

Letters FROM Dr. Robert H. Goddard, January  
6-December 24, 1927

Letters FROM Dr. Robert H. Goddard, January  
3-November 6, 1928

Letters FROM Dr. Robert H. Goddard, January  
3-August 28, 1929

Letters FROM Dr. Robert H. Goddard, September  
9-December 28, 1929

Letters ABOUT Dr. Robert H. Goddard, January  
14-July 28, 1920

Letters ABOUT Dr. Robert H. Goddard, March 3,  
1921-December 22, 1923

Letters ABOUT Dr. Robert H. Goddard, January  
5 December 18, 1924

Letters ABOUT Dr. Robert H. Goddard, January  
3, 1925-May 16, 1927

Letters ABOUT Dr. Robert H. Goddard, March 28-  
[December 27?] 1928

Letters ABOUT Dr. Robert H. Goddard, January  
24-July 20, 1929

Letters ABOUT Dr. Robert H. Goddard, September

**3-December 30, 1929**

BOX 2-1-4

**Letters TO Dr. Robert H. Goddard, January 15-December 30, 1930**

|                   |                           |
|-------------------|---------------------------|
| C.G. Abbott       | R. Lademann               |
| W.S. Adams        | D. Lasser                 |
| W.W. Atwood       | E.O. Lawrence             |
| A. Bar (?)        | (?) on Ivy Lee stationary |
| C.L. Bausch       | R.W. Lohman               |
| F.R. Bichowsky    | C.A. Lindbergh            |
| Lillian Blomstrom | L. Mansur                 |
| H. Breckinridge   | H. McClurnhan (?)         |
| H.W. Bull         | C.E. Melville             |
| W.F. Clark        | J. Merriam                |
| H.W. Dorsey       | H.E. Murdock              |
| R. Dow            | H. Parrish                |
| T.B. Dufus        | G.W. Rich                 |
| Count Elia        | T. O'Connor Sloane        |
| A. Feitner        | A. Strong                 |
| D. Guggenheim     | C.F. Taylor               |
| F.O.L. von Hoefft | H.J. Taylor               |
| F.A. Howard       | L.T.E. Thompson           |
| W. Kaempffert     | E.F. Williams             |
| A. Klemin         | W. Zilka                  |
| I. Koizumi        |                           |

**Letters TO Dr. Robert H. Goddard, January 8-December 29, 1931**

|  |                 |
|--|-----------------|
| C.G. Abbott  | S.E. Greenwald  |
| W.W. Atwood  | S. Herrick, Jr. |
| A.P. Armagnac  | E. Kelley       |
| Austrian Promotional<br>Soc. for the Inves-<br>tigation of the Uni-<br>verse | F.G. Keyes      |
| E.M. Baker   | I. Koizumi      |
| A.M. Belfry  | G. Kraska       |
| L.A. Bliss   | R. Lademann     |
| H. Breckinridge  | D. Lassar       |
| W. Brugel  | J. Mach         |
| S. Callaway  | C.F. Marvin     |
| A.B. Curtis  | M.C. Mawhinney  |
|  | R.A. Millikan   |
|  | E.G. Minton     |
|  | H. Montgomery   |

|                     |                        |
|---------------------|------------------------|
| G. Davis            | G.E. Pendray           |
| G. Dovin            | R.E. Turpin            |
| R. Esnault-Pelterie | C. Whitney             |
| J.A. Fleming        | Willis Ford Agency Co. |
| Willis Ford         | J.L. Wirt              |
| H. Gernsback        |                        |

**Letters TO Dr. Robert H. Goddard, January  
4, 1932-June 26, 1933**

|                  |                         |
|------------------|-------------------------|
| C.G. Abbott      | A. Johnson              |
| G. Akaba         | W.W. Lake               |
| W.W. Atwood      | W. Ley                  |
| V. Bajanova      | C.A. Lindbergh          |
| G. Barbaudy      | H.P. Little             |
| J.R. Bray        | H. McClurnhan (?)       |
| H. Breckinridge  | R. Meeser               |
| F.E. Bredouw     | J.C. Merriam            |
| W. Brugel        | A.L. Morse              |
| H.W. Bull        | G.E. Pendray            |
| M. G. Chitnavis  | H. L. Roosevelt         |
| A.B. Curtis      | M. Rose                 |
| J.A. Fleming     | V. H. Sears             |
| H.G. Garbedian   | Legation of Switzerland |
| R.B. Hastings    | L. Voelpel              |
| C.T. Hawley      | H. G. Wells             |
| H.H. Jacobs      | J.V. Witkiewicz         |
| J.A. Johannessen |                         |

**Letters TO Dr. Robert H. Goddard, July 1, 1933 - \*July 29, 1934**

|                     |                 |
|---------------------|-----------------|
| C.G. Abbott         | C. A. Lindbergh |
| W.W. Atwood         | R. W. Lohman    |
| A. Beck             | E.F. Northrup   |
| A.B. Bennett        | J.W. Ogilvie    |
| W. Brugel           | C.A. Parker     |
| H.W. Bull           | G.E. Pendray    |
| R. Earle            | T. Ross         |
| D. Emmerich         | A.J. Shneider   |
| H.S. Firestone, Jr. | W.H. Standley   |
| H. Gordon Garbedian | C.A. Swanson    |
| H.F. Guggenheim     | F.S. Tobey      |
| B. James            |                 |

**Letters TO Dr. Robert H. Goddard, August 13-  
December 27, 1934**

|                 |                |
|-----------------|----------------|
| C.G. Abbott     | R.W. Lohman    |
| N.W. Akimoff    | A. Lubinoff    |
| W.W. Atwood     | L. Menard      |
| H.W. Bull       | J.C. O'Neil    |
| F.A. Collins    | A.W. Parkes    |
| W.B. Ferris     | T.E. Pochapsky |
| K. Gluski       | C.M. Stephens  |
| H.F. Guggenheim | A. Thoresz     |
| W. Kaempffert   | H.B. Veith     |

**Letters FROM Dr. Robert H. Goddard, January 16-December  
29, 1930**

**Letters FROM Dr. Robert H. Goddard, January 2-  
December 28, 1931**

**Letters FROM Dr. Robert H. Goddard, January 11, 1932-  
June 30, 1933**

**Letters FROM Dr. Robert H. Goddard, July 8, 1933-  
December 21, 1934**

**Letters ABOUT Dr. Robert H. Goddard, January 7-  
September 5, 1930**

**Letters ABOUT Dr. Robert H. Goddard, January 9-  
July 14, 1931 & undated**

**Letters ABOUT Dr. Robert H. Goddard, February 15, 1932-  
December 28, 1934 & undated**

**Letters FROM Dr. Robert H. Goddard to WF Clark Re: Solar Hot Water  
Heater, 1930**

**Letters FROM Dr. Robert H. Goddard to Calvin Andrews, 1934**

BOX 2-1-5

**Letters TO Dr. Robert H. Goddard, January 2-  
August 29, 1935**

|              |              |
|--------------|--------------|
| C.G. Abbott  | B.R. Hubbard |
| N.W. Akimoff | H.B. Nichols |

|                 |                |
|-----------------|----------------|
| W.W. Atwood     | J.W. Parsons   |
| H.W. Blakeslee  | W.E. Pierce    |
| F.A. Collins    | F.M. Reck      |
| C.R. Collins    | R.W. Smith     |
| E.K. Edwards    | R.D. Washburne |
| H.F. Guggenheim | C.E. Widden    |
| C.T. Hawley     |                |

**Letters TO Dr. Robert H. Goddard, September  
4-December 28, 1935**

|                     |                 |
|---------------------|-----------------|
| C.G. Abbott         | E. Grant        |
| W.W. Atwood         | H.F. Guggenheim |
| G.H. Blakeslee      | J.C. Merriam    |
| C.F. Brooks         | A.B. Moody      |
| W. Brugel           | C. Paff         |
| A.A. Collins        | J.W. Parsons    |
| F.A. Collins        | C.E. Pearce     |
| M.H. Collins        | G.E. Pendray    |
| H.W. Dorsey         | G.E. Rice       |
| G.V. Draper         | G.P. Serviss    |
| J. Dungan           | R.A. Stauffer   |
| A. Erickson         | P. Van Dresser  |
| R. Esnault-Pelterie | C.B. Whittelsey |
| R.C. Frost          | H.V. Wurdemann  |
| H. Gordon           |                 |

**Letters TO Dr. Robert H. Goddard, January 1-  
April 30, 1936**

|                     |                               |
|---------------------|-------------------------------|
| C.G. Abbott         | M. Laufenberg                 |
| W.W. Atwood         | A.R. Leventhal                |
| E.M. Baker          | W. Ley                        |
| F.G. Belcher        | C.A. Lindbergh                |
| C.A. Bushnell       | The Linde Air Products<br>Co. |
| M.W. Carvell        | S.S. MacKeown                 |
| A.A. Collins        | G.D. Moloney                  |
| F.A. Collins        | H.E. Rose                     |
| M.H. Collins        | P. Rousseau                   |
| V. Coppola          | G.A. Sauer                    |
| G.V. Draper         | R.M. Seeling                  |
| R. Esnault-Pelterie | L.A. Stevens                  |
| L.D. Gardner        | H.F. Taylor                   |
| H. Gorden           |                               |

|                 |            |
|-----------------|------------|
| B. Gordon       | R.C. Truax |
| H.F. Guggenheim | W.P. True  |
| R. Heuer        | I.C. West  |
| A.G. Ingalls    | H.B. Veith |
| E.G. Kerlin     |            |

**Letters TO Dr. Robert H. Goddard, May 7-  
September 30, 1936**

|                     |                 |
|---------------------|-----------------|
| C.G. Abbott         | R.B. Johnson    |
| N.W. Akimoff        | J.N. Kane       |
| W. Atwood           | C.A. Lindbergh  |
| E.L. Bowles         | C.W. McNash     |
| J. Boyer            | R.A. Millikan   |
| I.H. Brook (?)      | G.R. Parkinson  |
| C.M. Cochrane       | B. Pease        |
| A.A. Collins        | E. Pyle         |
| M.H. Collins        | N. Rohats       |
| C.J. Dyer           | H. Schaefer     |
| S.E. Ekblaw         | G.C. Starry     |
| R. Esnault-Pelterie | A.H. Sunderland |
| L.D. Gardner        | A.V. Toney      |
| J. Gosciniak        | P. Van Dresser  |
| H.F. Guggenheim     | H. Weis         |
| C.T. Hawley         |                 |

**Letters TO Dr. Robert H. Goddard, October 1-  
December 31, 1936**

|                 |                 |
|-----------------|-----------------|
| H.C. Adamson    | R. Lencement    |
| A. Ananoff      | C.A. Lindbergh  |
| W.W. Atwood     | H.F. Lowry      |
| M.H. Collins    | F.J. Malina     |
| M.F. Connor     | J.W. Nicklin    |
| H.J. Fones      | M. Nicholson    |
| H.F. Guggenheim | H. Nokes        |
| M. Hobbs        | H.T. Raser      |
| J.W. Hulff      | T.S. Stribling  |
| S.R. Kratz      | A.H. Sunderland |

**Letters TO Dr. Robert H. Goddard, January 2-  
April 26, 1937**

|                         |             |
|-------------------------|-------------|
| American Rocket Society | E.M. Hadley |
|-------------------------|-------------|

|                 |               |
|-----------------|---------------|
| W.W. Atwood     | J.P. Halstead |
| A. Ayanoff      | E.E. Kennedy  |
| J.G. Curtis     | R. Lencement  |
| F.A. Collins    | W. Ley        |
| J. Dvoracek     | C.G. Philp    |
| E.F. Flint, Jr. | W.B. Pitkin   |
| F.M. Gates      | S. Unterman   |
| H.F. Guggenheim | R. Youngquist |

**Letters TO Dr. Robert H. Goddard, May 5-  
August 26, 1937**

|                               |                 |
|-------------------------------|-----------------|
| C.G. Abbott                   | L. Hillyer      |
| R.L. deBarros                 | C.F. Horner     |
| F.A. Collins                  | F.C. Justiz     |
| H.M. Davis                    | M. Kronstein    |
| J.A. Dorst                    | C.A. Lindbergh  |
| R.B. Dow                      | G.E. Pendray    |
| E.A. Fisher                   | A.C. Read       |
| H.F. Guggenheim               | A.H. Sunderland |
| I. Werme (for C.T.<br>Hawley) | R. Youngquist   |

**Letters FROM Dr. Robert H. Goddard, January 5-  
August 17, 1935**

**Letters FROM Dr. Robert H. Goddard, September  
3-December 27, 1935**

**Letters FROM Dr. Robert H. Goddard, January 6-  
April 30, 1936**

**Letters FROM Dr. Robert H. Goddard, May 2-  
September 29, 1936**

**Letters FROM Dr. Robert H. Goddard, October 5, 1936-  
April 24, 1937**

**Letters FROM Dr. Robert H. Goddard, May 1-  
August 29, 1937**

**Letters ABOUT Dr. Robert H. Goddard, May 24, 1935-  
August 19, 1937**



BOX 2-1-6

**Letters TO Dr. Robert H. Goddard, September 3-  
December 21, 1937**

|                 |                  |
|-----------------|------------------|
| C.G. Abbott     | A.G. Ingalls     |
| G. Apotolon     | C.A. Lindbergh   |
| L.J. Bishop     | F.J. Malina      |
| F.A. Collins    | W.G. McAdoo, Jr. |
| R. de Cordova   | F.W. Merrill     |
| W.R. Enyart     | J. Miller        |
| B. Gallagher    | W. Price         |
| L.D. Gardner    | L.A. Taylor      |
| H.F. Guggenheim |                  |

**Letters TO Dr. Robert H. Goddard, January 1-  
May 31, 1938**

|                 |                 |
|-----------------|-----------------|
| A. Ananoff      | C.T. Hawley     |
| W.W. Atwood     | C.N. Hickman    |
| E. Berry        | H.K. Kaiser     |
| R.M. Blount     | G. Kramer       |
| C.L. Boure      | G.W. Lewis      |
| J.W.M. Bunker   | W. Ley          |
| B. Castaldi     | C.A. Lindbergh  |
| W.H. Cole       | L.A. Stevens    |
| F.A. Collins    | A.H. Sunderland |
| R.B. Dow        | D. Thompson     |
| W.R. Enyart     | W. Weiland      |
| C.T. Ferris     | S.F. Winslow    |
| H.F. Guggenheim |                 |

**Letters TO Dr. Robert H. Goddard, June 2-  
July 29, 1938**

|                 |                    |
|-----------------|--------------------|
| E. Arend        | J.E. Monroe        |
| L.A. Codd       | G.E. Pendray       |
| W.R. Enyart     | M.F. Peters        |
| R. Ette         | F. Storm           |
| G. Foster       | C.H. Thackwell     |
| H.F. Guggenheim | M. Van Mietk-Liuba |
| A.M. Kuethe     | L.J. Walker        |
| G.W. Lewis      | J. Wilson          |
| C.A. Lindbergh  |                    |

**Letters TO Dr. Robert H. Goddard, August 1-  
December 20, 1938**

|                                |                  |
|--------------------------------|------------------|
| W.W. Atwood                    | T. Lazarides     |
| J.F. Bingaman                  | C.A. Lindbergh   |
| L.J. Briggs                    | C.S. Logsdon     |
| R.R. Burton                    | L.J. Maher       |
| L.A. Codd                      | B. O'Brien       |
| E.T. Cuddeback                 | G. Peckstein     |
| C.L. Dolph & W.C.<br>Parkinson | H. Play          |
| J.H. Doolittle                 | R.M. Reuschle    |
| H.W. Dorsey                    | C.H. Rogers      |
| P. Eugenio                     | L. Sabboukin (?) |
| W.R. Enyart                    | M. Sheridan      |
| C.F. Fischer                   | J.E. Smith       |
| G. Giuseppe                    | A.H. Sutherland  |
| I. Hornibrook                  | J.T. Taker       |
| A. Klemin                      | T. Von Karman    |
|                                | R. Youngquist    |

**Letters TO Dr. Robert H. Goddard, January 4-  
March 30, 1939**

|               |                    |
|---------------|--------------------|
| C.G. Abbott   | H.F. Guggenheim    |
| A.F. Andersen | C.N. Hickman       |
| W.W. Atwood   | H.B. Mayers        |
| L.P. Barlow   | J.J. Murphy        |
| W. Barnitz    | E. Ramos           |
| D. Bielakoff  | J.E. Meyer Ranneft |
| J.E. Buckles  | K. Rozyn           |
| F.A. Collins  | F. Storm           |
| J.R. Erwin    | O. Wiemer          |
| L.D. Gardner  |                    |

**Letters TO Dr. Robert H. Goddard, April 1-  
July 31, 1939**

|                |                |
|----------------|----------------|
| A. Ananoff     | C.T. Hawley    |
| W.W. Atwood    | R. Healey      |
| H.W. Blakeslee | E. Henderson   |
| G. Calabresse  | T. Kent        |
| L.A. Codd      | C.A. Lindbergh |
| F.B. Colton    | E.F. Northrup  |
| J.H. Doolittle | G.E. Pendray   |
| J.A. Dorst     | S.S. Snowden   |
| R.E. Ellis     | F. Storm       |

|                 |                 |
|-----------------|-----------------|
| F.L. Fisher     | R. Tenhoff      |
| L.D. Gardner    | L.T.E. Thompson |
| E.B. Garnett    | R.C. Truax      |
| L. Gorzchaz     | H.E. Turner     |
| H.F. Guggenheim |                 |

**Letters TO Dr. Robert H. Goddard, August 3-  
December 26, 1939**

|                  |                           |
|------------------|---------------------------|
| C.G. Abbott      | J.R. Hildebrand           |
| W.W. Atwood      | F. Kamber                 |
| W.A. Bennett     | J.O. La Gorce             |
| B.N.H. Bousios   | K.O. Lange                |
| W.G. Brombacher  | C.S. Logsdon              |
| M.F. Connor, Jr. | J.L. Pettingell           |
| A. Cook          | "Propulsione A. Reazione" |
| P. Eugenio       | H.L. Sayles               |
| J.W. Finch       | E.H. Schuette             |
| H.F. Guggenheim  | F. Storm                  |
| G. Gundersen     | R.H. Wertheim             |
| L. Gussalli      | D.B. Willianson           |
| C.T. Hawley      | B. Youngquist             |

**Letters FROM Dr. Robert H. Goddard, September 5-  
December 13, 1937**

**Letters FROM Dr. Robert H. Goddard, January 3-  
May 30, 1938**

**Letters FROM Dr. Robert H. Goddard, June 4-  
July 30, 1938**

**Letters FROM Dr. Robert H. Goddard, August 1-  
December 29, 1938**

**Letters FROM Dr. Robert H. Goddard, January 3-  
March 25, 1939**

**Letters FROM Dr. Robert H. Goddard, April 3-  
July 31, 1939**

**Letters FROM Dr. Robert H. Goddard, August 10-  
December 29, 1939**

**Letters ABOUT Dr. Robert H. Goddard & Miscellaneous  
Correspondence, November 3, 1937-September 18, 1939**

BOX 2-1-7

**Letters TO Dr. Robert H. Goddard, January 5-  
April 30, 1940**

|                 |                               |
|-----------------|-------------------------------|
| C.G. Abbot      | C.A. Lindbergh                |
| W.W. Atwood     | Mr. Logsdon (by B.S.<br>Hale) |
| R.L. Bleicher   | J.T. Manthaus                 |
| F.A. Collins    | R. Picard                     |
| V. Coppola      | R. Schwab                     |
| G. Grosvenor    | M.K. Smart                    |
| H.F. Guggenheim | H.F. Stimson                  |
| J.R. Hildebrand | F. Storm                      |
| J. Hix          | L.T.E. Thompson               |
| McF. Kerbey     |                               |

**Letters TO Dr. Robert H. Goddard, May 7-July  
29, 1940**

|                 |                 |
|-----------------|-----------------|
| C.G. Abbot      | C.T. Hawley     |
| W.W. Atwood     | C.N. Hickman    |
| G.W. Benjamin   | F. Kamber       |
| H.A. Boushey,   | K.O. Lange      |
| G.H. Brett      | C.A. Lindbergh  |
| S.J. Cook       | G.E. Pendray    |
| Allo-Diavolo    | L.A. Rife       |
| J.H. Doolittle  | R.R. Sayers     |
| E.F. Fiock      | L.T.E. Thompson |
| W.R. Furlong    | D. Walsh        |
| H.F. Guggenheim | W.H. Wenstorm   |
| H. Hauser       |                 |

**Letters TO Dr. Robert H. Goddard, August 5-  
October 31, 1940**

|                   |                    |
|-------------------|--------------------|
| H.A. Boushey, Jr. | G.W. Knox          |
| G.H. Brett        | R.H. Langley       |
| V. Bush           | J. Manson          |
| R.B. Cattell      | H.B. Nichols       |
| F.A. Collins      | G.E. Pendray       |
| R. Crandall       | F.W. Pennoyer, Jr. |
| C. Goddard        | C. Simpson         |
| H.F. Guggenheim   | C.J. Stewart       |

C.T. Hawley  
C.N. Hickman

L.T.E. Thompson

**Letters TO Dr. Robert H. Goddard, November 1-December 31, 1940**

|                   |               |
|-------------------|---------------|
| C.H. Andrews      | E. Lakatos    |
| H.A. Boushey, Jr. | G.L. Lupfer   |
| R. Cochrane       | N.J. Mosley   |
| F.A. Collins      | H.B. Nichols  |
| B.P. Conlson, Jr. | N.G. Phillips |
| G.W. Esser        | K. Pierce     |
| W.R. Furlong      | L.M. Rayburn  |
| H.F. Guggenheim   | O. Steinitz   |
| C.N. Hickman      | T.E. Thompson |
| B.H. Johnson      | H.E. Vromer   |
| C.F. Kettering    | H.W. Widner   |

**Letters TO Dr. Robert H. Goddard, January 2-March 27, 1941**

|                   |                 |
|-------------------|-----------------|
| C.G. Abbot        | M.I. Hull       |
| W.W. Atwood       | B. Hume         |
| H.E. Baker        | B.H. Johnson    |
| H.A. Boushey, Jr. | O. Keller       |
| B.B. Cary         | C.F. Kettering  |
| W.A. Chryst       | E. Lakatos      |
| R. Ferber         | M. Lorant       |
| P.E. Fuller       | L.T.E. Thompson |
| H.F. Guggenheim   | G.W. Wray       |
| C.N. Hickman      |                 |

**Letters TO Dr. Robert H. Goddard, April 1-June 28, 1941**

|                   |   |
|-------------------|---|
| C.G. Abbot        | C.T. Hawley                                 |
| C.W. Abbott       | C.N. Hickman                                |
| W.W. Atwood       | W. Hovgaard                                 |
| H.A. Boushey, Jr. | National Advisory Committee for Aeronautics |
| F.O. Carroll      | J.W. Price                                  |
| F.B. Cliffe       | A.C. Satin                                  |
| F.A. Collins      | H.F. Stimson                                |
| I.B. Davis        | T.R. Taylor                                 |
| W.E. Dillon       |   |

H.F. Guggenheim

W.H. Wenstrom

Letters **FROM** Dr. Robert H. Goddard, January 14-  
April 27, 1940

Letters **FROM** Dr. Robert H. Goddard, May 2-  
July 29, 1940

Letters **FROM** Dr. Robert H. Goddard, August  
13-October 31, 1940

Letters **FROM** Dr. Robert H. Goddard, November 3-  
December 29, 1940

Letters **FROM** Dr. Robert H. Goddard, January 1-  
March 31, 1941

Letters **FROM** Dr. Robert H. Goddard, April 14-  
June 30, 1941

Letters **ABOUT** Dr. Robert H. Goddard, & Miscellaneous  
Correspondence, February 10, 1940-July 29, 1941

BOX 2-1-8

Letters **TO** Dr. Robert H. Goddard, July 1-August 31, 1941

B. Bayles

H.F. Guggenheim

N. Black

C.T. Hawley

H.A. Boushey, Jr.

C.N. Hickman

F.B. Cliffe

W. Hovgaard

F.A. Collins

C. Hovious

R. Crandall

W.K. McEwen

T.M. Dewey

D.C. Ramsey

R.B. Dow

L.T.E. Thompson

D.J. Ellinger

J.H. Towers

C.F. Fischer

War Department

Letters **TO** Dr. Robert H. Goddard, September  
4-October 31, 1941

W.W. Atwood

W. Hovgaard

H.A. Boushey, Jr.

C. Hovious

G.E. Burdick

A.E. Jones

F.A. Collins

McF. Kerbey

R. Crandall

F.G. Keyes

|                 |                          |
|-----------------|--------------------------|
| T.M. Dewey      | J.W. Parsons/E.S. Forman |
| R.B. Dow        | B.B. Powell              |
| R.B. Dowell     | E.G. Reid                |
| P. Eugenio      | J.G. Salsman             |
| C.F. Fischer    | R. Spear                 |
| H.F. Guggenheim | P.R. Swan                |
| C.N. Hickman    | L.T.E. Thompson          |

**Letters TO Dr. Robert H. Goddard, November 11-  
December 23, 1941**

|                |                    |
|----------------|--------------------|
| W.A. Bennett   | H.F. Guggenheim    |
| C.M. Bolster   | J.A. Haley         |
| F.A. Collins   | Navy Department    |
| R. Crandall    | D.C. Ramsey        |
| M.J. Eisenberg | E.M. Rayburn       |
| E.H. Fein      | L.C. Stevens       |
| C.F. Fischer   | I.H. Van Horn, Jr. |

**Letters TO Dr. Robert H. Goddard, January 3-April 28, 1942**

|                   |                |
|-------------------|----------------|
| W.W. Atwood       | A.C. Miles     |
| C.M. Bolster      | L. Moholy-Nagy |
| H.A. Boushey, Jr. | J.M. Muston    |
| R. Crandall       | G.E. Nighman   |
| R.B. Dow          | M.A. Norcross  |
| C.F. Fischer      | W.H. Patch     |
| J.A. Folse        | J.G. Salsman   |
| H.F. Guggenheim   | L. Schwiekert  |
| R.C. Hadley       | E.M. Strauss   |
| C.N. Hickman      | H.W. Wyllie    |
| H.F. Maurer       | F.W. Young     |

**Letters TO Dr. Robert H. Goddard, May 5-  
August 28, 1942**

|                                 |                  |
|---------------------------------|------------------|
| C.G. Abbot                      | R. Healy         |
| C.P. Anderson                   | C.N. Hickman     |
| J.H. Anderson                   | J.W. Martin, Jr. |
| W.W. Atwood                     | A. Miller        |
| M.B. Bleecker                   | G.H. Mirick      |
| C.M. Bolster (by<br>J.A. Haley) | C.E. Nighman     |
| H.A. Boushey, Jr.               | M.A. Norcross    |
|                                 | I.H. Owen        |

|                 |                   |
|-----------------|-------------------|
| E.F. Chandler   | M.M. Rabb         |
| D. Chavez       | P. Roope          |
| F.A. Collins    | F.W. Roys         |
| R. Davison      | J.G. Salsman      |
| R.B. Dow        | C.E. Sinclair     |
| C.F. Fischer    | T.E. Stimson, Jr. |
| D.R. Goddard    | L.T.E. Thompson   |
| H.F. Guggenheim | D.I. Walsh        |
| C.A. Hatch      | C.M. Wilford      |
| C.T. Hawley     |                   |

**Letters TO Dr. Robert H. Goddard, September 2-October 31, 1942**

|                   |                 |
|-------------------|-----------------|
| H. & M. Alden     | G.H. Mirick     |
| M.B. Bleecker     | F.R. Montgomery |
| H.A. Boushey, Jr. | J.J. Murphy     |
| H. Breckinridge   | D.C. Pearson    |
| R. Crandall       | P.F. Scholander |
| H.B. Grow         | L.T.E. Thompson |
| C.N. Hickman      | W.B. Woodson    |
| G. Juris          |                 |

**Letters TO Dr. Robert H. Goddard, November 2-December 31, 1942**

|                   |              |
|-------------------|--------------|
| H.H. Alden        | H. Faller    |
| B. Bayles         | C.M. Fisher  |
| M.B. Bleecker     | C.T. Hawley  |
| H.A. Boushey, Jr. | W. Hendelson |
| V. Bush           | G. Juris     |
| R.H. Canfield     | D.C. Pearson |
| G. Crompton, Jr.  | G.W. Reed    |
| R.R. Dexter       | L. Sells     |
| R.B. Dow          | D.H. Wilmot  |
| J. Dupuy          | G.R. Wilson  |

**Letters FROM Dr. Robert H. Goddard, July 4-August 31, 1941**

**Letters FROM Dr. Robert H. Goddard, September 5-October 29, 1941**

**Letters FROM Dr. Robert H. Goddard, November 3-December 31, 1941**



Letters **FROM** Dr. Robert H. Goddard, January 1-  
April 27, 1942

Letters **FROM** Dr. Robert H. Goddard, May 1-  
August 31, 1942

Letters **FROM** Dr. Robert H. Goddard, September  
2-October 31, 1942

Letters **FROM** Dr. Robert H. Goddard, November  
1-December 30, 1942

Letters **ABOUT** Dr. Robert H. Goddard, & Miscellaneous  
Correspondence, September 7, 1941-August 20, 1942

BOX 2-1-9

Letters **TO** Dr. Robert H. Goddard, January 1-  
February 26, 1943

|                |                 |
|----------------|-----------------|
| C.G. Abbot     | C.F. Fischer    |
| W.W. Atwood    | C.M. Fisher     |
| T.W. Blackwell | H.F. Guggenheim |
| M.B. Bleecker  | C.T. Hawley     |
| B. Castaldi    | J.J. Murphy     |
| F.A. Collins   | H.C. Parker     |
| F. Cutter      | D.C. Pearson    |
| R.B. Dow       | Francis W. Roys |
| E.A. Evans     | L. Sells        |
|                | M.F. Wagner     |

Letters **TO** Dr. Robert H. Goddard, March 3-May 26, 1943

|                 |               |
|-----------------|---------------|
| C.G. Abbot      | C.T. Hawley   |
| C.M. Allen      | C.N. Hickman  |
| M.B. Bleecker   | W. Ley        |
| H. Breckinridge | P.W. Long     |
| F.A. Collins    | M.H. Magruder |
| P. Covici       | G.H. Mirick   |
| C.M. Fisher     | J.J. Murphy   |
| H.F. Guggenheim |               |

Letters **TO** Dr. Robert H. Goddard, June 3-August 20, 1943

|             |            |
|-------------|------------|
| W.W. Atwood | A.C. Keith |
|-------------|------------|

|                   |              |
|-------------------|--------------|
| M.B. Bleecker     | R.W. Lewis   |
| H.A. Boushey, Jr. | H.B. Mallett |
| H. Breckinridge   | E.L. Martin  |
| F.A. Collins      | G.H. Mirick  |
| C.M. Fisher       | J.J. Murphy  |
| H.B. Grow         | P.M. Roope   |
| C.T. Hawley       | H.F. Stimson |

**Letters TO Dr. Robert H. Goddard, September 1-October 27, 1943**

|                   |              |
|-------------------|--------------|
| M.B. Bleecker     | C.F. Fischer |
| H.A. Boushey, Jr. | R.W. Lewis   |
| V. Bush           | H.B. Mallett |
| F.A. Collins      | G.H. Mirick  |
| R. Crandall       | S.L. Squire  |
| F.T. DeCock       |              |

**Letters TO Dr. Robert H. Goddard, November 2-December 31, 1943**

|               |                                    |
|---------------|------------------------------------|
| M.B. Bleecker | R.B. Hastings                      |
| F.A. Collins  | H.B. Mallett                       |
| R. Crandall   | National Aeronautic<br>Association |
| R.B. Dow      |                                    |
| C.F. Fischer  | R.M. Roope                         |
| C.M. Fisher   | J.N. Wheeler                       |
| C.C. Furnas   |                                    |

**Letters TO Dr. Robert H. Goddard, January 3-February 24, 1944**

|                   |                |
|-------------------|----------------|
| M. Alves          | G. Lyons       |
| M.L. Boardman     | G.W. Makepeace |
| H.A. Boushey, Jr. | H.B. Mallett   |
| R.C. Dehmel       | R. Plumber     |
| C.M. Fisher       | R.D. Potter    |
| R.P. Garrett      | B. Seeley      |
| G.R. Gladding     | L.M. Sleeper   |
| H.F. Guggenheim   | W.A. Wildhack  |

**Letters TO Dr. Robert H. Goddard, March 1-April 27, 1944**

|               |              |
|---------------|--------------|
| C.G. Abbot    | C.T. Hawley  |
| M.L. Boardman | B.H. Johnson |

|                   |                             |
|-------------------|-----------------------------|
| H.A. Boushey, Jr. | R. Mulkey (by R.M. Remmele) |
| B. Castaldi       | E.J. Pyle                   |
| C.M. Fisher       | B. Seeley                   |
| R.P. Garrett      | I. Stewart                  |
| H.F. Guggenheim   |                             |

**Letters TO Dr. Robert H. Goddard, May 5-June 29, 1944**

|                   |              |
|-------------------|--------------|
| H.A. Boushey, Jr. | E.J. Long    |
| R.L. Earle        | C.P. Oliver  |
| C.F. Fischer      | W.S. Orton   |
| C.M. Fisher       | B. Seeley    |
| M.B. Haskin       | F.B. Silsbee |
| C.C. Haury        | H.F. Stimson |
| C.T. Hawley       | E. Wilson    |
| J.R. Kennett      |              |

**Letters FROM Dr. Robert H. Goddard, January 4-February 26, 1943**

**Letters FROM Dr. Robert H. Goddard, March 1-May 31, 1943**

**Letters FROM Dr. Robert H. Goddard, June 7-August 31, 1943**

**Letters FROM Dr. Robert H. Goddard, September 3-October 26, 1943**

**Letters FROM Dr. Robert H. Goddard, November 3-December 30, 1943**

**Letters FROM Dr. Robert H. Goddard, January 3-February 28, 1944**

**Letters FROM Dr. Robert H. Goddard, March 3-April 25, 1944**

**Letters FROM Dr. Robert H. Goddard, May 1-June 30, 1944**

**Letters ABOUT Dr. Robert H. Goddard, & Miscellaneous Correspondence, March 12, 1943-January 28, 1944**

BOX 2-1-10

**Letters TO Dr. Robert H. Goddard, July 3-August 28, 1944**

|                   |                  |
|-------------------|------------------|
| C.G. Abbot        | H.F. Guggenheim  |
| T. Adams          | L.A. Hansen, Jr. |
| C.M. Bolster      | C.T. Hawley      |
| H.A. Boushey, Jr. | V.A. McLaskey    |
| F.A. Collins      | W.S. Orton       |

|             |               |
|-------------|---------------|
| Z.W. Coombs | I. Stewart    |
| R.B. Dow    | P. Waskiewicz |
| R.L. Earle  | J.N. Wheeler  |
| C.M. Fisher |               |

**Letters TO Dr. Robert H. Goddard, September 5-October 31, 1944**

|             |                 |
|-------------|-----------------|
| R.G. Bolin  | W.S. Orton      |
| W.H. Cole   | J.E. Pasek      |
| R.L. Earle  | G.E. Pendray    |
| C.M. Fisher | M.A. Rosanoff   |
| L.O. Heck   | L.T.E. Thompson |
| (?) Homer   | A. Wetmore      |
| W.G. Jones  |                 |

**Letters TO Dr. Robert H. Goddard, November 2-December 31, 1944**

|                 |                             |
|-----------------|-----------------------------|
| B.H. Cole       | C.N. Hickman                |
| F.A. Collins    | C.P. Lent                   |
| R.L. Earle      | W.D. Morgan, Jr.            |
| J.F. Finnegan   | R. Mulkey (by R.M. Remmele) |
| C.F. Fischer    | W.S. Orton                  |
| C.M. Fisher     | J.E. Pasek                  |
| J. Frandsen     | G.E. Pendray                |
| T. Greene       | S. Price                    |
| H.F. Guggenheim | P.M. Roope                  |
| C.T. Hawley     |                             |

**Letters TO Dr. Robert H. Goddard, January 2-31, 1945**

|                                |                           |
|--------------------------------|---------------------------|
| W.B. Allen                     | H.T. Kelley               |
| F.A. Collins                   | McF. Kerbey               |
| R.B. Dow                       | W.S. Orton                |
| R.L. Earle                     | J.C. Peck (by D. Herring) |
| J. Forrestal                   | G.E. Pendray              |
| C.T. Hawley                    | G.C. Rodgers              |
| J.H. Howard                    | L.C. Roy                  |
| J.O. La Gorce (by L.J. Canova) | R.C. Truax                |

**Letters TO Dr. Robert H. Goddard, February 1-March 31, 1945**

|                 |              |
|-----------------|--------------|
| C.H. Andrews    | C.T. Hawley  |
| W.W. Atwood     | W.S. Orton   |
| F. Barker       | H.C. Parker  |
| A.V. Bollinger  | J.E. Pasek   |
| C.W. Chillson   | G.E. Pendray |
| F.A. Collins    | R.W. Porter  |
| R. Crandall     | L.C. Roy     |
| C.M. Fisher     | F.B. Tracy   |
| J. Frandsen     | R.D. Walcott |
| H.F. Guggenheim | R.E. Walker  |
| E.P. Hamilton   |              |

**Letters TO Dr. Robert H. Goddard, April 6-May 29, 1945**

|                   |                |
|-------------------|----------------|
| W.W. Atwood       | W.S. Orton     |
| C.F. Benner       | P.H. Parkhurst |
| H.A. Boushey, Jr. | J.E. Pasek     |
| F.A. Collins      | G.E. Pendray   |
| R.L. Earle        | A.W. Robinson  |
| A.H. Emery        | R. Stearns     |
| C.F. Fischer      | W.F. True      |
| R.B. Hastings     | R.D. Wolcott   |
| D.E. Higgins      |                |

**Letters TO Dr. Robert H. Goddard, June 6-23, 1945**

|                 |                |
|-----------------|----------------|
| F.A. Collins    | G.E. Pendray   |
| K. Cooper       | S.A. Rade      |
| C.E. Curtiss    | B.J. Reus      |
| R.L. Earle      | G.C. Rodgers   |
| C.M. Fisher     | C.E. Wahlstrom |
| H.F. Guggenheim | H.L. White     |
| W.S. Orton      | R.D. Wolcott   |

**Letters TO Dr. Robert H. Goddard and/or Mrs. Goddard,  
July 5-December 1, 1945**

|               |              |
|---------------|--------------|
| W.W. Atwood   | J. Murphy    |
| M.W. Carr     | W.F. Parks   |
| M.C. Chillson | J.E. Pasek   |
| F.A. Collins  | G.E. Pendray |
| M.L. Evons    | R.D. Potter  |
| C.M. Fisher   | H. Propost   |

|                     |              |
|---------------------|--------------|
| E.E. Francisco, Jr. | G.C. Rodgers |
| H.F. Guggenheim     | R.D. Wolcott |
| J.W. Long           | J. Zabady    |
| W.D. Morgan         |              |

Letters **FROM** Dr. Robert H. Goddard, July 5-August 24, 1944

Letters **FROM** Dr. Robert H. Goddard, September 4-October 31, 1944

Letters **FROM** Dr. Robert H. Goddard, November 1-December 29, 1944

Letters **FROM** Dr. Robert H. Goddard, January 2-31, 1945

Letters **FROM** Dr. Robert H. Goddard, February 2-March 23, 1945

Letters **FROM** Dr. Robert H. Goddard, April 2-May 30, 1945

Letters **FROM** Dr. Robert H. Goddard, June 4-23, 1945

Letters **FROM** Dr. Robert H. Goddard and/or Mrs. Goddard, July 24  
December 12, 1945 and undated.

Letters **ABOUT** Dr. Goddard & Miscellaneous Correspondence,  
August 15, 1944-December 5, 1945

Greeting Cards

## SUBSERIES 2

## CARBON COPIES OF DR. GODDARD'S CORRESPONDENCE

### BOX 2-2-1

#### **R.H.G. Carbons 1895-1936**

R.H.G. Carbons - 1895-1899

R.H.G. Carbons - 1900-1910

R.H.G. Carbons - 1911-1920

R.H.G. Carbons - 1921-1929

R.H.G. Carbons - 1930

R.H.G. Carbons - 1931

R.H.G. Carbons - 1932

R.H.G. Carbons - 1933

R.H.G. Carbons - 1934

R.H.G. Carbons - 1935

R.H.G. Carbons - Jan. - April, 1936

R.H.G. Carbons - May - Dec., 1936

### BOX 2-2-2

#### **R.H.G. Carbons - 1937-June 1941**

R.H.G. Carbons - Jan. - June, 1937  
 R.H.G. Carbons - July - Dec. 1937  
 R.H.G. Carbons - Jan. - June, 1938  
 R.H.G. Carbons - July - Dec., 1938  
 R.H.G. Carbons - Jan. - June, 1939  
 R.H.G. Carbons - July - Dec., 1939  
 R.H.G. Carbons - Jan. - April 1940  
 R.H.G. Carbons - May - Aug. 1940  
 R.H.G. Carbons - Sept. - Dec. 1940  
 R.H.G. Carbons - Jan. - Mar. 1941  
 R.H.G. Carbons - April - June 1941

BOX 2-2-3

**R.H.G. Carbons - July 1941-Aug. 1945**

R.H.G. Carbons - July - Sept. 1941  
 R.H.G. Carbons - Oct. - Dec. 1941  
 R.H.G. Carbons - Jan. - Mar. 1942  
 R.H.G. Carbons - April - June 1942  
 R.H.G. Carbons - July - Sept. 1942  
 R.H.G. Carbons - Oct. - Dec. 1942  
 R.H.G. Carbons - Jan. - Mar. 1943  
 R.H.G. Carbons - April - June 1943  
 R.H.G. Carbons - July - Sept. 1943  
 R.H.G. Carbons - Oct. - Dec. 1943  
 R.H.G. Carbons - Jan. - Mar. 1944  
 R.H.G. Carbons - April - June 1944  
 R.H.G. Carbons - July - Sept. 1944  
 R.H.G. Carbons - Oct. - Dec. 1944  
 R.H.G. Carbons - Jan. - Mar. 1945  
 R.H.G. Carbons - April - Aug. 1945

**SERIES 3**

**ACADEMICS**

BOX 3-1

Robert H. Goddard's Test Papers while at W.P.I.,  
 Laboratory Experiments [xerox copies], January 5, 1906-  
 February 25, 1907  
 R.H. Goddard's Test Papers while at W.P.I., [xerox  
 copies], March 7, 1907-May 11, 1908  
 R.H. Goddard's Laboratory Experiments while  
 at W.P.I., [xerox copies], n.d.  
 M.A. Thesis, 1910 [boxed separately]

BOX 3-2

Lecture Notebooks, 1911-1926 & n.d. (11 notebooks)  
 Seminar on High Potentials at Clark University,  
 March 19, 1928

**SERIES 4                      ROCKET THEORY AND EXPERIMENTS, 1903-1945**

- BOX 4-1                      (stored in the fireproof file cabinet)  
 Red Notebooks, 1924-1939 (10 notebooks)  
 Green Notebooks, 1905-1915 (5 notebooks)  
 Journal, 1905-1908  
 "Suggestions", 1903  
 "Rough Notes", n.d.  
 "Early Tests with Liquid Propellants, Clark  
 University", 1903-1928  
 RHG's Excerpts from Red and Green Notebooks
- BOX 4-2                      Miscellaneous Notes, 1913-1945  
 Test Data & Correspondence for Recoilless Gun  
    (trench mortar), 1918  
 Blueprints for Recoilless Gun (trench  
    mortar), 1918  
 Adaption of Multiple Charge Rocket for Projection  
    of Gas and Explosives; the Multiple Charge  
    Principle, 1918  
 R.H. Goddard's Experiments on a Depth Charge  
    Projector & a Rocket Projectile (conducted  
    under the direction of the U.S. Navy,  
    Bureau of Ordnance), 1920  
 R.H. Goddard's Experiments on a Depth Charge  
    Projector & a Rocket Projectile (conducted  
    under the direction of the U.S. Navy,  
    Bureau of Ordnance), 1921  
 R.H. Goddard's Experiments on a Depth Charge  
    Projector & a Rocket Projectile (conducted  
    under the direction of the U.S. Navy,  
    Bureau of Ordnance), 1922  
 R.H. Goddard's Experiments on a Depth Charge  
    Projector & a Rocket Projectile (conducted  
    under the direction of the U.S. Navy,  
    Bureau of Ordnance), 1922 [cont.]  
 R.H. Goddard's Experiments on a Depth Charge  
    Projector & a Rocket Projectile (conducted  
    under the direction of the U.S. Navy,  
    Bureau of Ordnance), 1923  
 Test Notes, February 25, 1922



- BOX 4-3            Test Notes, May 31, 1928-July 17, 1929  
                       Section 9, Tests at Camp Devens, MA, ca.  
                               August, 1929-1930  
                       Section 9, Tests at Camp Devens, MA, ca.  
                               August, 1929-1930 [cont.]  
                       Section 10, Test Nos. 45-78, October, 1930-  
                               July, 1932  
                       Section 10, Test Nos. 45-78, October, 1930-  
                               July, 1932 [cont.]  
                       Miscellaneous Notes, 1933-1942  
                       Inventory of Materials and Equipment for Rocket Research at  
                               Roswell, New Mexico, September 1934  
                       General Notes, 1934-1940
- BOX 4-4            Reports of Work in Roswell, New Mexico, August  
                               1930-July 1932  
                       Outline of Work Performed in 1932-33 on Rocket Problems  
                               At Clark University  
                       Test Reports from December 23, 1929-December  
                               18, 1936  
                       Outline of a Ten Year Program on Rocket Development,  
                               Written August 1938 at C. Lindbergh's request.  
                       Volunteers to go to the Moon, ca. 1920
- BOX 4-5            List of Notes [notes on "A", "K", "L", "P" Series as well as others,  
                               written by RHG in planning a book for Prentice-Hall.]  
                       "A" Test Series, Test Nos. A1-A14, January  
                               15-October 29, 1935  
                       "A" Test Series, Test Nos. A1-A14, January  
                               15-October 29, 1935 [cont.]  
                       "K" Test Series, Test Nos. K1-K10, November  
                               22, 1935-February 12, 1936  
                       "L" Series, Test Nos. 1-7, May 11-November 7,  
                               1936  
                       "L" Series, Test Nos. 1-7, May 11-November 7,  
                               1936 [cont.]  
                       "L" Series, Test Nos. 8-15, November 24,  
                               1936-May 19, 1937
- BOX 4-6            "L" Series, Test Nos. 8-15, November 24,  
                               1936-May 19, 1937 [cont.]  
                       "L" Series, Test Nos. 16-21, July 28-November  
                               24, 1937

"L" Series, Test Nos. 16-21, July 28-November 24, 1937 [cont.]  
 "L" Series, Test Nos. 22-26, December 18, 1937-March 6, 1938  
 "L" Series, Test Nos. 22-26, December 18, 1937-March 6, 1938 [cont.]  
 "L" Series, Test Nos. 27-30, March 17-August 9, 1938  
 "L" Series, Test Nos. 27-30, March 17-August 9, 1938 [cont.]  
 "L" Series, Test Nos. 1-23, May 11, 1936-December 23, 1937 [typed]

## BOX 4-7

Table of P Series Tests  
 "P" Series, Test Nos. 1-5k, January 6-April 28, 1939  
 "P" Series, Test Nos. 1-5k, January 6-April 28, 1939 [cont.]  
 "P" Series, Test Nos. 5-12, May 18-August 4, 1939  
 "P" Series, Test Nos. 5-12, May 18-August 4, 1939  
 "P" Series, Test Nos. 13 & 14, November 18-December 2, 1939  
 "P" Series, Test Nos. 13 & 14, November 18-December 2, 1939 [cont.]

## BOX 4-8

"P" Series, Test No. 15, February 9, 1940  
 "P" Series, Test No. 15, February 9, 1940 [cont.]  
 "P" Series, Test Nos. 16-23, March 21-August 9, 1940  
 "P" Series, Test Nos. 16-23, March 21-August 9, 1940 [cont.]  
 "P" Series, Test Nos. 24-36, December 18, 1940-October 10, 1941  
 "P" Series, Test Nos. 24-36, December 18, 1940-October 10, 1941 [cont.]

## BOX 4-9

Notes on Chambers, April 3, 1938-September 26, 1941  
 Notes on Chambers, June 10, 1938-December 5, 1939  
 Pump Tests, September-December, 1938  
 Pump Tests, Test Nos. 4-12, January 30-April

25, 1942

Various Tests, October 15, 1941-May 26, 1942

High Pressure Tank Tests, Test Nos. 20-34,

June 5-August 15, 1942

Goddard Crew, Employees, Papers Assuming Secrecy,  
1924-1945

BOX 4-10

High Pressure Tank Test, Test Nos. 35-99,

August 15-November 18, 1942; High Pressure

Tank Test, Test Nos. B1-B29, November 26- January 9, 1943

Tests at Annapolis, January 9, 1943-March 17, 1944

Summary of Powder Rocket Research carried Out

During 1917 to 1923, May-September, 1943

Supplement to Summary of Powder Rocket Research

Carried Out During 1917 to 1923, Fall 1943

BOX 4-11

Proposal, Reports, Test Data for Jet Assisted

Take-off of PBY, 1940-1942

Contract Negotiations between Dr. Goddard &

U.S. Navy, Contract No. 192, Correspondence

& Contract, October 26, 1940-October 22, 1945

Contract Negotiations between Dr. Goddard & U.S. Navy, Contract No. 4168,

Correspondence & Contract, January 2, 1944 - January 7, 1946

Contract Negotiations between Dr. Goddard & U.S. Navy, Contract No. 6174,

Correspondence & Contract, December 24, 1944 - January 19, 1946

Test Reports to Navy Department, Contract No. 9139, & Army Air Corp.,

Contract No. 42-7280, December 24, 1941-December 1, 1942

Memoranda & Purchase Vouchers, U.S. Navy Bureau of Aeronautics,

Contract No. 91391, 1941-1942

Expense Statements, Memoranda, Requisitions, 1942

Expense, Income Statements & Supplementary Report, Navy Bureau of

Aeronautics, January 4 - October 1, 1943

Inventions, Memoranda & Report on Long Range Rocket Development,

March-November, 1944

Test Graphs, U.S. Navy Bureau of Ordnance, Roswell, NM, Test Nos. 6-27,

February 12-June 27, 1942

Test Graphs, U.S. Navy Bureau of Ordnance, Annapolis, MD, Test Nos.

28-40, July 30-August 29, 1942

Test Graphs, U.S. Navy Bureau of Ordnance, Annapolis, MD, Test Nos.

41-49, August 30-September 10, 1942

Test Graphs, U.S. Navy Bureau of Ordnance, Annapolis, MD, Test Nos.

A1, 68, 73, 96, October 14-November 13, 1942

Test Data, Memoranda, Reports, Navy Bureau of Aeronautics, January 17-

August 4, 1945

Box 4-12

**Esther Goddard Notecards on Rocket Parts and Systems and Test Results**

Listing of rocket parts and systems described in RHG's progress reports  
to Navy Department, 1943-1944

Combustion chambers

Fuel feeding

General rocket systems

Landing, launching, releasing, parachutes, instruments, etc.

Nossles

Pressure systems

Cooling/pumping

Steering

Turbines

Solar energy

Atomic energy

Non-rocket ideas and space travel

Tests - no. 45-78, 513-518

Tests - A series (A1-A14)

Tests - K series (K1-K10)

Tests - Pump test (P.T. 1-8)

Tests - L series (L1-L30)

Tests - P series (P1-P36)

Misc.

**SERIES 5****CONSULTING ENGINEER, 1942-1945**

BOX 5-1

Memorandum for Air Corps Representatives, [July 7, 1941]

Assignment Agreement with Linde Air Product Co., 1942-1943

Contract Negotiations between D. Goddard & Curtiss-Wright Corporation,  
Correspondence, Assignment, & Consultant Agreements,  
October 5, 1942-June 22, 1945

Drafts, Memoranda, Notes on Contract between Dr. Goddard &  
Curtiss-Wright Corporation

Memoranda & Report to Curtiss-Wright Corporation, July 28 -  
November 8, 1943

Memoranda & Report to Curtiss-Wright Corporation, February 1-July 28, 1944

Blueprints for Memoranda & Report to Curtiss-Wright Corporation, July 28,  
1943-July 28, 1944

Blueprints of Parts, Curtiss-Wright Corporation, March-April, 1944

List, Memoranda, Purchase Order, Curtiss-Wright Corporation, 1943-1944  
Contracts, 1918-1938



May 15, 1944  
 9th Bi-monthly Progress Report, Navy Department, Contract no. NOa(s)192,  
 July. 15, 1944  
 1<sup>st</sup> Monthly Progress Report, Navy Department, Contract no. NOa(s)4168,  
 July 31, 1944  
 2nd Monthly Progress Report, Navy Department, Contract no. NOa(s)4168,  
 Aug. 31, 1944  
 3rd Monthly Progress Report, Navy Department, Contract no. NOa(s)4168,  
 Sept. 30, 1944  
 4th Monthly Progress Report, Navy Department, Contract no. NOa(s)4168,  
 Oct. 31, 1944  
 5th Monthly Progress Report, Navy Department, Contract no. NOa(s)4168,  
 Nov. 30, 1944  
 6th Monthly Progress Report, Navy Department, Contract no. NOa(s)4168,  
 Dec. 31, 1944  
 1<sup>st</sup> Monthly Progress Report, Navy Department, Contract no. NOa(s)6174,  
 Jan. 31, 1945  
 2<sup>nd</sup> Monthly Progress Report, Navy Department, Contract no. NOa(s)6174,  
 Feb. 28, 1945  
 3<sup>rd</sup> Monthly Progress Report, Navy Department, Contract no. NOa(s)6174,  
 Mar. 31, 1945  
 4<sup>th</sup> Monthly Progress Report, Navy Department, Contract no. NOa(s)6174,  
 Apr. 30, 1945 (2 copies)  
 5<sup>th</sup> Monthly Progress Report, Navy Department, Contract no. NOa(s)6174,  
 May 31, 1945

**SERIES 7****PATENTS CASES****SUBSERIES 1****APPLICATIONS, NOTES, AND CORRESPONDENCE****BOX 7-1-1****Notes on Devices Later Patented & Miscellaneous Notes**

Combustion Chamber Cooling & Fuel Injection

Explosion Engine, ca. 1920

Igniters, Nozzles, Steering, Launching, Storage Tanks Projectile

    Cooling, Successive Combustion Chambers

Flow Control & Measurement, & Systems

General Rocket Systems (Cases 47, 58, 58 CN, 61)

Pumps & Turbines (Cases 58, 58 CNA, 58 CN)

Rese-Jets (Resonance Chambers, V-1)

Rotating Chambers (Case 65, Patent No. 2,395,114 & others)

Turbo Prop.

Reflection of Detonation, 1929-1938

Hercules Powder Co., Reflections of Detonations, 1942-1944  
 Thermostatic Control of Chamber & Nozzle Temperatures,  
 ca. 1927-1929  
 Pump Data (Pump-Turbine designs), 1934-1935, 1937-1938  
 Miscellaneous Data, 1936, 1939, 1942, 1944 (steam jet air pumps,  
 alnico, high altitudes, augmentor)

BOX 7-1-2 Correspondence between Robert H. Goddard and Charles T. Hawley re patents  
 (either general in nature or covering more than one case)

**Patent Cases A-19**

Patent Case #A

Patent Cases #B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q

Patent Cases #R, S, X

Patent Cases #Y, Z

Patent Case #Z [cont.]

Patent Case #19

BOX 7-1-3

**Patent Cases 20-29 1/2**

Patent Cases #20, 21, 22, 23

Patent Cases # 24, 25

Patent Case #26

Patent Case #27

Patent Case #27 [cont.]

Patent Cases #28, 29

Patent Case # 29 1/2

BOX 7-1-4

**Patent Cases 30-34b**

Patent Case #30

Patent Cases #30 [cont.], 30 1/2, 31

Patent Case #32

Patent Cases #33, 34

Patent Case #34 [cont.]

Patent Cases #34a, 34b

BOX 7-1-5

**Patent Cases 35-42**

Patent Cases #35, 36

Patent Case #37

Patent Cases #38, 39

Patent Cases #40, 41

Patent Case #41 [cont.]

Patent Case #42

BOX 7-1-6

**Patent Cases 43-47**

Patent Cases #43, 44

Patent Case #44 [cont.]  
Patent Case #45  
Patent Case #46  
Patent Case #47

BOX 7-1-7

**Patent Cases 48-52**

Patent Case #48  
Patent Case #48a  
Patent Cases #49, 50  
Patent Case #50 [cont.]  
Patent Case #51  
Patent Case #52

BOX 7-1-8

**Patent Cases 53-58**

Patent Case #53  
Patent Case #54  
Patent Case #55  
Patent Cases #55a, 56  
Patent Cases #57, 58  
Patent Case #58

BOX 7-1-9

**Patent Cases 58CN-62**

Patent Case #58CN  
Patent Cases #58CN [cont.], 58CNA  
Patent Case #59  
Patent Case #60  
Patent Case #60a  
Patent Case #61  
Patent Case #62

BOX 7-1-10

**Patent Cases 62a-68**

Patent Case #62a  
Patent Case #63  
Patent Case #64  
Patent Case #65  
Patent Case #66  
Patent Case #67  
Patent Case #68

BOX 7-1-11

**Patent Cases 69-74**

Patent Case #69  
Patent Cases #70, 70a  
Patent Case #71  
Patent Case #72



Patent Cases #73, 73a  
Patent Case #74

BOX 7-1-12

**Patent Cases 74a-76**  
Patent Cases #74a, 74b  
Patent Case #75  
Patent Cases #75 [cont.], 75a, 75b  
Reference Patents for Patent Cases #75, 75a, 75b  
Patent Case #76

BOX 7-1-13

**Patent Cases #77-80x**  
Patent Case #77  
Patent Case #78  
Patent Cases #78a, 78b  
Patent Cases #79, 79a  
Patent Case #80  
Patent Case #80x

BOX 7-1-14

**Patent Cases #80xa-88**  
Patent Case #80xa  
Patent Cases #80xb, 81  
Patent Cases #82, 83  
Patent Case #84  
Patent Cases #85, 86  
Patent Case #87  
Patent Case #88

BOX 7-1-15

**Patent Cases #89-98a**  
Patent Cases #89, 90  
Patent Cases #90a, 91, 91a  
Patent Case #92  
Patent Cases #93, 94  
Patent Cases #95, 96  
Patent Cases #97, 98, 98a

BOX 7-1-16

**Patent Cases #99-107**  
Patent Cases #99, 100  
Patent Case #101  
Patent Case #102  
Patent Case #103  
Patent Cases #104, 105  
Patent Cases #106, 107

BOX 7-1-17

**Patent Cases #108-118**

Patent Cases #108, 108a  
Patent Cases #109, 110  
Patent Cases #111, 112  
Patent Cases #112a, 113  
Patent Cases #114, 115, 116  
Patent Cases # 117, 118

BOX 7-1-18

**Patent Cases #119-130**  
Patent Cases #119, 120  
Patent Cases #121, 122  
Patent Cases #123, 124, 125  
Patent Cases #126, 127  
Patent Cases #128, 129, 130

BOX 7-1-19

**Patent Cases #131-141**  
Patent Cases #131, 132  
Patent Cases #133, 133a  
Patent Cases #134, 135, 136  
Patent Cases #137, 138  
Patent Cases #139, 140, 141

BOX 7-1-20

**Patent Cases #142-153**  
Patent Cases #142, 143, 144  
Patent Cases #145, 146, 147  
Patent Cases #147a, 148, 149  
Patent Case #150  
Patent Cases #151, 152, 153

BOX 7-1-21

**Patent Cases #154-167**  
Patent Cases #154, 155, 156  
Patent Cases #157, 158, 159  
Patent Cases #160, 160a, 161  
Patent Cases #162, 163, 164  
Patent Cases #165, 166, 167

BOX 7-1-22

**Patent Cases #168-186**  
Patent Cases #168, 169, 170  
Patent Cases #171, 172, 173, 174  
Patent Cases #175, 176, 177  
Patent Cases #178, 179, 180  
Patent Cases #181, 182, 183, 184  
Patent Cases #185, 186

BOX 7-1-23

**Patent Cases #187-201**

Patent Cases #187, 188  
 Patent Cases #189, 190  
 Patent Cases #191, 192, 193  
 Patent Cases #194, 195, 196  
 Patent Cases #197, 198, 199  
 Patent Cases #200, 201

BOX 7-1-24

**Patent Cases #202-210**  
 Patent Cases #202, 203, 204  
 Patent Case #205  
 Patent Cases #206, 207  
 Patent Cases #208, 209, 210

**SUBSERIES 2**

**BLUEPRINTS FOR PATENT CASES**

BOX 7-2-1

**Blueprints for Patent Cases #D-44**

Patent Case #D  
 Patent Case #J  
 Patent Case #R  
 Patent Case #S  
 Patent Case #X  
 Patent Case #Y  
 Patent Case #19  
 Patent Case #20  
 Patent Case #23  
 Patent Case #24  
 Patent Case #25  
 Patent Case #26  
 Patent Case #27  
 Patent Case #28  
 Patent Case #29  
 Patent Case #29 1/2  
 Patent Case #30  
 Patent Case #30 1/2  
 Patent Case #31  
 Patent Case #32  
 Patent Case #33  
 Patent Case #34  
 Patent Case #34a  
 Patent Case #34b  
 Patent Case #35  
 Patent Case #36  
 Patent Case #37

Patent Case #38  
Patent Case #39  
Patent Case #40  
Patent Case #41  
Patent Case #42  
Patent Case #43  
Patent Case #44

BOX 7-2-2

**Blueprints for Patent Cases #45-59**

Patent Case #45  
Patent Case #46  
Patent Case #47  
Patent Case #48  
Patent Case #48a  
Patent Case #49  
Patent Case #50  
Patent Case #51  
Patent Case #52  
Patent Case #53  
Patent Case #54  
Patent Case #55  
Patent Case #55a  
Patent Case #56  
Patent Case #57  
Patent Case #58  
Patent Case #58cn  
Patent Case #58cna  
Patent Case #59

BOX 7-2-3

**Blueprints for Patent Cases #60-73a**

Patent Case #60  
Patent Case #60a  
Patent Case #61  
Patent Case #62  
Patent Case #62a  
Patent Case #63  
Patent Case #64  
Patent Case #65  
Patent Case #66  
Patent Case #67  
Patent Case #68  
Patent Case #69  
Patent Case #70  
Patent Case #70a

Patent Case #71  
Patent Case #72  
Patent Case #73  
Patent Case #73a

BOX 7-2-4

**Blueprints for Patent Cases #74-92**

Patent Case #74  
Patent Case #74a  
Patent Case #74b  
Patent Case #75  
Patent Case #75a  
Patent Case #75b  
Patent Case #76  
Patent Case #77  
Patent Case #78  
Patent Case #78a  
Patent Case #78b  
Patent Case #79  
Patent Case #79a  
Patent Case #80  
Patent Case #80x  
Patent Case #80xa  
Patent Case #80xb  
Patent Case #81  
Patent Case #82  
Patent Case #83  
Patent Case #84  
Patent Case #84a  
Patent Case #85  
Patent Case #86  
Patent Case #87  
Patent Case #88  
Patent Case #89  
Patent Case #90  
Patent Case #91  
Patent Case #91a  
Patent Case #92

BOX 7-2-5

**Blueprints for Patent Cases #93-130**

Patent Case #93  
Patent Case #94  
Patent Case #95  
Patent Case #96  
Patent Case #97

Patent Case #98  
Patent Case #98a  
Patent Case #99  
Patent Case #100  
Patent Case #101  
Patent Case #102  
Patent Case #103  
Patent Case #104  
Patent Case #105  
Patent Case #106  
Patent Case #107  
Patent Case #108  
Patent Case #108a  
Patent Case #109  
Patent Case #110  
Patent Case #111  
Patent Case #112  
Patent Case #112a  
Patent Case #113  
Patent Case #114  
Patent Case #115  
Patent Case #116  
Patent Case #117  
Patent Case #118  
Patent Case #119  
Patent Case #120  
Patent Case #121  
Patent Case #122  
Patent Case #123  
Patent Case #124  
Patent Case #125  
Patent Case #126  
Patent Case #127  
Patent Case #128  
Patent Case #129  
Patent Case #130

BOX 7-2-6

**Blueprints for Patent Cases #131-165**

Patent Case #131  
Patent Case #132  
Patent Case #133  
Patent Case #133a  
Patent Case #134  
Patent Case #135

Patent Case #136  
Patent Case #137  
Patent Case #138  
Patent Case #139  
Patent Case #140  
Patent Case #141  
Patent Case #142  
Patent Case #143  
Patent Case #144  
Patent Case #145  
Patent Case #146  
Patent Case #147  
Patent Case #147a  
Patent Case #148  
Patent Case #149  
Patent Case #150  
Patent Case #151  
Patent Case #152  
Patent Case #153  
Patent Case #154  
Patent Case #155  
Patent Case #156  
Patent Case #157  
Patent Case #158  
Patent Case #159  
Patent Case #160  
Patent Case #160a  
Patent Case #161  
Patent Case #162  
Patent Case #163  
Patent Case #164  
Patent Case #165

BOX 7-2-7

**Blueprints for Patent Cases #166-210**

Patent Case #166  
Patent Case #167  
Patent Case #168  
Patent Case #169  
Patent Case #170  
Patent Case #171  
Patent Case #172  
Patent Case #173  
Patent Case #174  
Patent Case #175

Patent Case #176  
Patent Case #177  
Patent Case #178  
Patent Case #179  
Patent Case #180  
Patent Case #181  
Patent Case #182  
Patent Case #183  
Patent Case #184  
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Patent Case #200  
Patent Case #201  
Patent Case #202  
Patent Case #203  
Patent Case #204  
Patent Case #205  
Patent Case #206  
Patent Case #207  
Patent Case #208  
Patent Case #209  
Patent Case #210  
Miscellaneous Blueprints of Dr. Goddard's  
Miscellaneous Blueprints sent to Dr. Goddard

**SUBSERIES 3****ORIGINAL U.S. LETTERS PATENTS AND FOREIGN PATENTS**

BOX 7-3-1

**U.S. Letters Patent #1,137,961 - 2,109,529, May 4, 1915-March 1, 1938**  
U.S. Patent #1,137,961  
U.S. Patent #1,154,009



U.S. Patent #1,191,299  
U.S. Patent #1,194,496  
U.S. Patent #1,206,837  
U.S. Patent #1,311,885  
U.S. Patent #1,341,053  
U.S. Patent #1,363,037  
U.S. Patent #1,661,473  
U.S. Patent #1,700,675  
U.S. Patent #1,809,115  
U.S. Patent #1,834,149  
U.S. Patent #1,860,891  
U.S. Patent #1,879,186  
U.S. Patent #1,879,187  
U.S. Patent #1,951,403  
U.S. Patent #1,951,404  
U.S. Patent #1,969,839  
U.S. Patent #1,969,840  
U.S. Patent #1,980,266  
U.S. Patent #2,016,921  
U.S. Patent #2,026,885  
U.S. Patent #2,039,217  
U.S. Patent #2,085,800  
U.S. Patent #2,090,038  
U.S. Patent #2,090,039  
U.S. Patent #2,109,529

BOX 7-3-2

**U.S. Letters Patent #2,122,521 - 2,397,998, July 5, 1938-April 9, 1946**

U.S. Patent #2,122,521  
U.S. Patent #2,127,865  
U.S. Patent #2,158,180  
U.S. Patent #2,158,181  
U.S. Patent #2,158,182  
U.S. Patent #2,183,311  
U.S. Patent #2,183,312  
U.S. Patent #2,183,313  
U.S. Patent #2,183,314  
U.S. Patent #2,217,649  
U.S. Patent #2,271,224  
U.S. Patent #2,281,971  
U.S. Patent #2,286,908  
U.S. Patent #2,286,909  
U.S. Patent #2,307,125  
U.S. Patent #2,394,852  
U.S. Patent #2,394,853

U.S. Patent #2,395,113  
U.S. Patent #2,395,114  
U.S. Patent #2,395,403  
U.S. Patent #2,395,404  
U.S. Patent #2,395,405  
U.S. Patent #2,395,406  
U.S. Patent #2,395,435  
U.S. Patent #2,395,809  
U.S. Patent #2,396,321  
U.S. Patent #2,396,566  
U.S. Patent #2,396,567  
U.S. Patent #2,396,568  
U.S. Patent #2,397,657  
U.S. Patent #2,397,658  
U.S. Patent #2,397,659  
U.S. Patent #2,397,998

BOX 7-3-3

**U.S. Letters Patent #2,397,999 - 2,515,645, April 9, 1946-July 18, 1950**

U.S. Patent #2,397,999  
U.S. Patent #2,405,785  
U.S. Patent #2,409,036  
U.S. Patent #2,424,610  
U.S. Patent #2,450,950  
U.S. Patent #2,456,402  
U.S. Patent #2,463,098  
U.S. Patent #2,465,525  
U.S. Patent #2,465,526  
U.S. Patent #2,465,527  
U.S. Patent #2,468,820  
U.S. Patent #2,476,185  
U.S. Patent #2,479,829  
U.S. Patent #2,482,260  
U.S. Patent #2,482,261  
U.S. Patent #2,482,262  
U.S. Patent #2,486,019  
U.S. Patent #2,487,435  
U.S. Patent #2,488,287  
U.S. Patent #2,491,610  
U.S. Patent #2,492,569  
U.S. Patent #2,492,570  
U.S. Patent #2,496,710  
U.S. Patent #2,496,711  
U.S. Patent #2,498,263  
U.S. Patent #2,500,537

U.S. Patent #2,507,970  
U.S. Patent #2,510,570  
U.S. Patent #2,510,571  
U.S. Patent #2,510,572  
U.S. Patent #2,511,979  
U.S. Patent #2,515,643  
U.S. Patent #2,515,644  
U.S. Patent #2,515,645

BOX 7-3-4

**U.S. Letters Patent #2,516,462 - 2,540,666, July 25,1950-February 6, 1951**

U.S. Patent #2,516,462  
U.S. Patent #2,518,000  
U.S. Patent #2,518,001  
U.S. Patent #2,518,002  
U.S. Patent #2,518,003  
U.S. Patent #2,518,880  
U.S. Patent #2,518,881  
U.S. Patent #2,518,882  
U.S. Patent #2,522,113  
U.S. Patent #2,522,114  
U.S. Patent #2,523,008  
U.S. Patent #2,523,009  
U.S. Patent #2,523,010  
U.S. Patent #2,523,011  
U.S. Patent #2,523,012  
U.S. Patent #2,523,654  
U.S. Patent #2,523,655  
U.S. Patent #2,523,656  
U.S. Patent #2,526,219  
U.S. Patent #2,526,220  
U.S. Patent #2,526,221  
U.S. Patent #2,526,222  
U.S. Patent #2,526,223  
U.S. Patent #2,526,224  
U.S. Patent #2,528,133  
U.S. Patent #2,528,134  
U.S. Patent #2,532,708  
U.S. Patent #2,532,710  
U.S. Patent #2,532,711  
U.S. Patent #2,532,712  
U.S. Patent #2,536,597  
U.S. Patent #2,536,598  
U.S. Patent #2,536,599  
U.S. Patent #2,536,600

U.S. Patent #2,536,601  
 U.S. Patent #2,540,665  
 U.S. Patent #2,540,666

BOX 7-3-5

**U.S. Letters Patent #2,544,418 - 2,594,766, March 6, 1951-April 29, 1952**

U.S. Patent #2,544,418  
 U.S. Patent #2,544,419  
 U.S. Patent #2,544,420  
 U.S. Patent #2,544,421  
 U.S. Patent #2,544,422  
 U.S. Patent #2,544,423  
 U.S. Patent #2,548,430  
 U.S. Patent #2,551,111  
 U.S. Patent #2,551,112  
 U.S. Patent #2,551,113  
 U.S. Patent #2,551,114  
 U.S. Patent #2,551,115  
 U.S. Patent #2,555,080  
 U.S. Patent #2,555,081  
 U.S. Patent #2,555,082  
 U.S. Patent #2,555,083  
 U.S. Patent #2,555,084  
 U.S. Patent #2,555,085  
 U.S. Patent #2,558,483  
 U.S. Patent #2,558,484  
 U.S. Patent #2,563,022  
 U.S. Patent #2,563,023  
 U.S. Patent #2,563,024  
 U.S. Patent #2,563,025  
 U.S. Patent #2,563,026  
 U.S. Patent #2,563,027  
 U.S. Patent #2,563,028  
 U.S. Patent #2,563,029  
 U.S. Patent #2,569,887  
 U.S. Patent #2,576,678  
 U.S. Patent #2,580,908  
 U.S. Patent #2,591,421  
 U.S. Patent #2,591,422  
 U.S. Patent #2,594,765  
 U.S. Patent #2,594,766

BOX 7-3-6

**U.S. Letters Patent #2,599,103 - 2,770,255, June 3, 1952-November 13, 1956;  
 British Patent 133,096, February 29, 1918; French Patent 498,797, October  
 31, 1919**

U.S. Patent #2,599,103  
U.S. Patent #2,599,104  
U.S. Patent #2,602,290  
U.S. Patent #2,602,293  
U.S. Patent #2,602,610  
U.S. Patent #2,606,421  
U.S. Patent #2,609,658  
U.S. Patent #2,610,064  
U.S. Patent #2,612,746  
U.S. Patent #2,612,750  
U.S. Patent #2,612,752  
U.S. Patent #2,616,373  
U.S. Patent #2,624,360  
U.S. Patent #2,627,876  
U.S. Patent #2,628,064  
U.S. Patent #2,630,674  
U.S. Patent #2,630,680  
U.S. Patent #2,633,699  
U.S. Patent #2,633,700  
U.S. Patent #2,633,706  
U.S. Patent #2,641,040  
U.S. Patent #2,651,171  
U.S. Patent #2,654,997  
U.S. Patent #2,667,740  
U.S. Patent #2,674,848  
U.S. Patent #2,687,614  
U.S. Patent #2,687,646  
U.S. Patent #2,689,453  
U.S. Patent #2,695,496  
U.S. Patent #2,709,887  
U.S. Patent #2,709,890  
U.S. Patent #2,712,962  
U.S. Patent #2,717,182  
U.S. Patent #2,718,899  
U.S. Patent #2,722,100  
U.S. Patent #2,726,510  
U.S. Patent #2,749,706  
U.S. Patent #2,749,884  
U.S. Patent #2,760,335  
U.S. Patent #2,770,251  
U.S. Patent #2,770,255  
British Patent #133,096  
French Patent #498,797

**SUBSERIES 4            COPIES OF U.S. LETTERS PATENTS**

**BOX 7-4-1            Patents: U.S. Letters Patent #1,102,653 - 2,456,402, July 7, 1914 - December 14, 1948 [copies]**  
 U.S. Patents #1,102,653 - 1,661,473, July 7, 1914-March 6, 1928  
 U.S. Patents #1,700,675 - 1,980,266, January 29, 1929-November 13, 1934  
 U.S. Patents #2,016,921 - 2,158,182, October 8, 1935-May 16, 1939  
 U.S. Patents #2,183,311 - 2,394,853, December 12, 1939-February 12, 1946  
 U.S. Patents #2,396,113 - 2,396,567, February 19, 1946-March 12, 1946  
 U.S. Patents #2,396,568 - 2,456,402, March 12, 1946-December 14, 1948

**BOX 7-4-2            Patents: U.S. Letters Patent #2,463,098 - 2,770,255, March 1, 1949- November 13, 1956 [copies]**  
 U.S. Patents #2,463,098 - 2,492,570, March 1, 1949-December 27, 1949  
 U.S. Patents #2,496,710 - 2,518,882, February 7, 1950-August 15, 1950  
 U.S. Patents #2,522,113 - 2,532,712, September 12, 1950-December 5, 1950  
 U.S. Patents #2,536,597 - 2,551,115, January 2, 1951-May 1, 1951  
 U.S. Patents #2,555,080 - 2,576,678, May 29, 1951-November 27, 1951  
 U.S. Patents #2,580,908 - 2,628,064, January 1, 1952-February 10, 1953  
 U.S. Patents #2,630,674 - 2,709,890, March 10, 1953-June 7, 1955  
 U.S. Patents #2,712,962 - 2,770,255, July 12, 1955-November 13, 1956

**BOX 7-4-3            U.S. Letters Patent #1,102,653 - 2,491,610, July 7, 1914-December 20, 1949 [copies]**  
 U.S. Patents #1,102,653 - 1,809,271, July 7, 1914-June 9, 1931  
 U.S. Patents #1,834,149 - 2,039,217, December 1, 1931-April 28, 1936  
 U.S. Patents #2,085,800 - 2,271,224, July 6, 1937-January 27, 1942  
 U.S. Patents #2,281,971 - 2,395,809, May 5, 1942-March 5, 1946  
 U.S. Patents #2,396,321 - 2,397,999, March 12, 1946-April 9, 1946  
 U.S. Patents #2,405,785 - 2,491,610, August 13, 1946-December 20, 1949

**BOX 7-4-4            U.S. Letters Patent #2,492,569 - 2,770,255, December 27, 1949 - November 13, 1956 [copies]**  
 U.S. Patents #2,492,569 - 2,523,656, December 27, 1949-September 26, 1950  
 U.S. Patents #2,526,219 - 2,551,111, October 17, 1950-May 1, 1951  
 U.S. Patents #2,551,112 - 2,591,422, May 1, 1951-April 1, 1952  
 U.S. Patents #2,594,765 - 2,633,699, April 29, 1952-April 7, 1953  
 U.S. Patents #2,633,700 - 2,770,255, April 7, 1953-November 13, 1956

**SUBSERIES 5            DUPLICATE MATERIAL REMOVED FROM PATENT FILES**

**BOX 7-5-1            Cases B - Z (duplicates), Case #19 - Case #30 ½**

Case B - Z (duplicates)

Case 19 - Means for cooling combustion chambers

Case 20

Case 21

Case 22

Case 23 - Apparatus for absorbing solar energy

Case 24

Case 25 - Heat absorbing apparatus for use with solar energy

Case 26 - Focusing mirror and directing mechanism therefore

Case 27 - Propulsion apparatus

Case 28

Case 29 - Method of welding thin metal structures

Case 29 ½ - Nozzle for use in welding thin metal structures

Case 30 - Seal for centrifugal pumps

Case 30 ½ - Heat insulative coupling

BOX 7-5-2

**Cases 31 - 42**

Case 31 - Aircraft construction

Case 32 - Igniter

Case 33 - Combustion apparatus

Case 34 - Gyroscopic steering apparatus

Case 34a - Delayed action reversing switch

Case 34b - Fuel storage and discharge apparatus

Case 35 - Re-enforced construction for light hollow members

Case 36 - Cooling jacket construction

Case 37 - Means for steering aircraft

Case 38 - Parachute attachment for aircraft

Case 39 - Combustion chamber for aircraft

Case 40 - Gyroscopic apparatus for directing flight

Case 41 - Combustion chamber (rotating)

Case 42 - Rocket apparatus (multiple?)

BOX 7-5-3

**Cases 43 - 49**

Case 43 - Combustion chamber for rocket apparatus

Case 44 - Aerial propulsion apparatus (hydrogen)

Case 45 - Rocket directing apparatus

Case 46 - Direct heat transfer

Case 47 - Several Rocket systems

Case 48 - Propelling apparatus for aircraft (laterally displaced)

Case 48a - Propelling apparatus for aircraft (laterally displaced turbine)

Case 49 - Liquid cooled bearing

BOX 7-5-4

**Cases 50 - 58**

Case 50 - Acceleration and deceleration

Case 51 - Turbine launching (in flight)  
 Case 52 - Liquid feeding (bomb case)  
 Case 53 - Control system (Thompson)  
 Case 54 - Landing system  
 Case 55 - Combustion chamber  
 Case 55a - Scavenging system for rocket motors utilizing liquid nitrogen  
 Case 56 - Turbine launching (in tower)  
 Case 57 - Combustion chamber (tangential zones)  
 Case 58 - Control mechanism for rocket apparatus

**BOX 7-5-5**

**Cases 58 con't - 66**

Case 58 CN - Control mechanism for rocket apparatus  
 Case 58 CNA - Pump sealing means  
 Case 59 - Airplane tank  
 Case 60 - Combustion apparatus  
 Case 60a - Combustion apparatus, including flame type ignition means  
 Case 61 - Gas producing apparatus  
 Case 62 - Combustion apparatus  
 Case 62a - Fuel controlling apparatus for longitudinally movable combustion chamber  
 Case 63 - Apparatus for steering aircraft  
 Case 64 - Feeding device for combustion chambers  
 Case 65 - Rotating combustion chamber for rocket apparatus  
 Case 66 - Combustion chamber and means for supplying plural liquid fuels thereto

**BOX 7-5-6**

**Cases 67 -74**

Case 67 - Temperature-responsive control device  
 Case 68 - Jet control apparatus applicable to extrainment of fluids  
 Case 69 - Rotating combustion apparatus  
 Case 70 - Rotating combustion chamber with continuous rearward discharge  
 Case 70a - Gas-operated means for driving rotating combustion chambers  
 Case 71 - Reaction combustion chamber  
 Case 72 - Fuel feeding mechanism for detonating combustion apparatus  
 Case 73 - Combustion chamber  
 Case 73a - Liquid-cooled discharge nozzle  
 Case 74 - Feeding apparatus  
 Case 74a - Liquid feeding device  
 Case 74b - Feeding apparatus

**BOX 7-5-7**

**Cases 75 - 80xa**

Case 75 - Apparatus for vacuum tube transportation  
 Case 75a - Apparatus for vacuum tube transportation  
 Case 75b - Apparatus for vacuum tube transportation





Case 104 - Pumping apparatus for very cold liquids  
 Case 105 - Liquid cooled baffles  
 Case 106 - Apparatus for steering aircraft  
 Case 107 - Combined air and fuel control valve  
 Case 108 - Means to vary the effective length of certain component parts  
 Case 108a - Fuel admission device  
 Case 109 - Sleeve valves  
 Case 110 - Centrifugal pump  
 Case 111 - Deflector for resonance combustion chamber  
 Case 112 - Means for cooling projected devices  
 Case 112a - Means for cooling projected devices  
 Case 113 - Device for feeding liquid combustion agents  
 Case 114 - Admission valve mechanism  
 Case 115 - Power take-off for combustion gases  
 Case 116 - Auxiliary turbine and pumps  
 Case 117 - Mixture control apparatus

BOX 7-5-10

**Cases 118 - 139**

Case 118 - Launching apparatus for rocket craft  
 Case 119 - Means for liquid cooling a combustion chamber  
 Case 120 - Auxiliary power take-off for combustion chamber  
 Case 121 - Rotating valves for multiple resonance combustion chamber  
 Case 122 - Driving means for rotating combustion chamber  
 Case 123 - Feeding and mixing means for rotating combustion chamber  
 Case 124 - Mixing partition for combustion chamber  
 Case 125 - Feeding means for rotating combustion chamber  
 Case 126 - Combustion chamber with wide-angle discharge  
 Case 127 - Reaction propulsion apparatus for aircraft  
 Case 128 - Movably mounted auxiliary valves  
 Case 129 - Multi-stage centrifugal pump  
 Case 130 - Rotational fuel feed for combustion chamber  
 Case 131 - Combustion chamber in rotating annular casing  
 Case 132 - Steam production from cooling liquid in combustion chambers  
 Case 133 - Cooling means and fuel-feeding apparatus  
 Case 133a - Cooling jacket and heat-resistant cap for combustion chamber  
 Case 134 - Fuel reeding and premixing apparatus  
 Case 135 - Flow control mechanism for cooling system  
 Case 136 - Fuel feeding and cooling constructions  
 Case 137 - Vapor generating and control apparatus  
 Case 138 - Spray nozzle  
 Case 139 - Turbine drive mechanism

BOX 7-5-11

**Cases 140 - 160**

Case 140 - Gas-operated apparatus for pumping very cold liquids

Case 141 - Combustion chamber with refractory lining  
 Case 142 - Ignition apparatus for combustion chamber  
 Case 143 - Rotating internal combustion chamber  
 Case 144 - Cylindrical rotating valve mechanism  
 Case 145 - Axial obturator for combustion chamber  
 Case 146 - Means for deflecting axial flow  
 Case 147 - Cooling and feeding means for a rotating combustion chamber  
 Case 147a - Cooling and feeding means for a rotating combustion chamber  
 Case 148 - Combustion apparatus comprising successive combustion chambers  
 Case 149 - Intermittent feed mechanism  
 Case 150 - Means for cooling turbine blades by air  
 Case 151 - Means for cooling the blades of a turbine rotor  
 Case 152 - Steam production in a jacketed combustion chamber  
 Case 153 - Automatic control mechanism  
 Case 154 - Steam-operated rotating combustion chamber  
 Case 155 - Feeding and cooling wall structure  
 Case 156 - Means for cooling a powder-burning combustion chamber  
 Case 157 - Means for feeding concentric liquid sprays  
 Case 158 - Cooling and feeding means for a rocket-type combustion chamber  
 Case 159 - Fuel and water feeding steam discharge arrangement  
 Case 160 - Rotating, feeding and cooling means

**BOX 7-5-12**

**Cases 160a -182**

Case 160a - Valve mechanism for rotating feeding head  
 Case 161 - Feed valve mechanism for rotating combustion chamber  
 Case 162 - Liquid feeding mechanism  
 Case 163 - Igniter part valve mechanism  
 Case 164 - Quick-acting valve  
 Case 165 - Nozzle structure  
 Case 166 - Ring valve construction  
 Case 167 - Multiple orifice nozzle  
 Case 168 - Expanded conical nozzle  
 Case 169 - Cooling mechanism  
 Case 170 - Devices for opening up a stream of combustion gases  
 Case 171 - Vane structure  
 Case 172 - Augmenting and reflecting conical combustion chamber  
 Case 173 - Two-liquid feeding device  
 Case 174 - Two-liquid feeding device  
 Case 175 - Cooling means for a combustion chamber  
 Case 176 - Liquid sealing means  
 Case 177 - Fuel tank for aircraft  
 Case 178 - Combustion apparatus  
 Case 179 - Combined igniting and fuel feed control mechanism  
 Case 180 - Pressurized jacket construction

Case 181 - Rotating combustion chamber with fixed jacket casing  
 Case 182 - Casing for powder charge in rocket-type combustion chamber

**BOX 7-5-13**

**Cases 183 - 210**

Case 183 - Circuit-closing device for fuel-feed apparatus  
 Case 184 - Venturi control for liquid flow  
 Case 185 - Means for supplying and cooling a rocket-type combustion chamber  
 Case 186 - Apparatus for supplying liquid fuel and a vaporized oxidizer  
 Case 187 - Zonal spray combustion chamber  
 Case 188 - Proportional flow control by balanced magnetic forces  
 Case 189 - High pressure reducing valve  
 Case 190 - Shut-off valve with tapered seat  
 Case 191 - Quick-acting shut-off valve  
 Case 192 - Apparatus for feeding and intermingling combustion fluids  
 Case 193 - Structure for feeding, intermingling, vaporizing and igniting  
     Combustion liquids  
 Case 194 - Two-liquid combustion chamber  
 Case 195 - Apparatus for measuring the rate of flow in pipes  
 Case 196 - Flight-control apparatus  
 Case 197 - Mechanism for intermittent feeding of combustion liquids  
 Case 198 - Solenoid-operated three-way valve  
 Case 199 - Dual-range safety valve  
 Case 200 - Pressure release seal for rotating member  
 Case 201 - Combined reducing and safety valve  
 Case 202 - Double deflecting spray nozzle  
 Case 203 - Double-flow valve for liquids  
 Case 204 - Tangential sheet cooling  
 Case 205 - Pressure-operated feeding apparatus  
 Case 206 - Flow-control valve  
 Case 207 - Quick-acting reducing valve  
 Case 208 - Mechanism for cooling a combustion chamber  
 Case 209 - Apparatus for continuously feeding liquid fuel and oxidizer  
 Case 210 - Fuel feed control

**SUBSERIES 6**

**ESTHER GODDARD'S FINAL SUMMARY OF GODDARD PATENTS**

BOX 7-6-1

ECG's final summary of Goddard's patents

**SUBSERIES 7**

**TYPESETTINGS OF PATENT APPLICATION DIAGRAMS**

BOX 7-7-1

4 Typesettings

**SERIES 8****WRITINGS****BOX 8-1****Manuscripts, 1901-1919 [unpublished]**

"The Navigation of Space", Fall 1901

"A Frozen Swamp", ca. 1902, [2 Robert Goddard essay books, 1901-1902];

"On Taking Things For Granted" [RHG Valedictorian Address at South High School, Worcester, MA]

Essays by Dr. Goddard while at Worcester Polytechnic Institute, September 27, 1904 - April 23, 1907, "On the Possibility of Navigating Inter-Planetary Space", October 3, 1907

On Astronomical Investigations by Methods Other than Direct Telescopic, 1912

For Disintegration & for Testing for Disintegration, Chief Operations, ca. 1912

The Navigation of Inter-Planetary Space, September 10, 1913

The Problem of Raising a Body to a Great Altitude Above the Surface of the Earth, August 21, 1914

The Problem of Raising a Body to a Great Altitude Above the Surface of the Earth, August 21, 1914

Notes for Lecture in Interference, 1914-1915

A Method of Sending Recording Apparatus to & Beyond the Highest Levels of the Atmosphere, December 2, 1916 (pages 1-39)

A Method of Sending Recording Apparatus to & Beyond the Highest Levels of the Atmosphere, December 2, 1916 (pages 40-80)

Notes on Atomic Energy, 1916

Atomic Disintegration, December 28-30, 1916

Description of New Type of Rocket Apparatus & Discussion of Applications, ca. 1916

Description of Experiments with a Steel Chamber, Using Smokeless Powder, 1916

"The Last Migration: Outline of Certain Notes on High Altitude Research", January 14, 1918; "The Ultimate Migration", January 16, 1918

On the General Problem of Raising Apparatus to Extreme Altitudes, ca. 1918

On the General Problem of Raising Apparatus to Extreme Altitudes, ca. 1918

New Method of Reaching High Altitudes, December 17, 1918

Experiments in Vacuus Introductory, 1919

Experiments with Large Chamber, 1919

Experiments to Determine the Minimum Amount of Flash Powder, Visible at a Certain Distance, 1919

**BOX 8-2****Manuscripts, 1919-1945 [unpublished]**

Origin & Development of the Multiple Charge Rocket Idea, January 22, 1919

On the General Problem of Raising Apparatus of Extreme Altitudes, ca. 1919

Notes for "On High-Velocity Jets of Gas, Applicable to Rockets" and

"Approximate Solution of a General Case of Rocket Action"

April 14, 1919

Points of general interest in paper read before Washington meeting of American Physical Society, April 25-26, 1919.

Two Methods of Guiding & Firing Torpedoes, Aerial or Marine by Wireless, Avoiding Interference, ca. 1920's

Notes on Hydrogen & Oxygen, ca. 1920

On the Present Status of the High-Altitude Rocket [talk delivered to AAAS 1923?]

The Standard Radio Corporation, Design for Loud Speaker, 1925

The Possibilities of the Rocket in Weather Forecasting, 1927

Aeroplane (propelled by jet propulsions) for Extreme Altitudes, July 17, 1927

The World as it Appears to the Physicist, ca. 1927-1930 [short story]

Description of Experiments with a Steel Chamber Using Smokeless Powder - 1916, 1928

Rocket Propulsion for Aircrafts, September-October, 1929

The Plan & Purpose of Rocket Development in America, November 12, 1929

Conference on Rocket Work in Washington, D.C., December 10, 1929

Tests of Special Features, June 22, 1931

Notes by R.H. Goddard, ca. 1936

Steps Toward the Development of Sounding

Rockets [unpublished article prepared for National Geographic Magazine], ca. 1939

Manuscript [untitled] for National Geographic Society, March 12, 1910

I Take in the Washing, ca. 1942 [short story]

How Would You Like to be Looked Into?, ca. June, 1943 [short story]

Some of America's Contributions to Rockets & Jet Propulsion, ca. 1944

The Professor Takes a Trip, January 30, 1945 [short story]

Outline-Principles of Rocket & Jet Propulsion, April 16, 1945

"Howe's Tricks! (?) A farce in three acts" [about 1945?]

The Airplane, n.d.

Important Further Considerations Concerning the Electron Apparatus, n.d.

Revision of Jules Verne's "Trip To The Moon"; Correspondence, Contract, Manuscript [for first 5 chapters], March 4-August 5, 1924 & January 25, 1946-December 29, 1962

Notes & Typescript of Proposed Book on "Rocket Research" for Prentice-Hall [rocket propulsion], 1944-1945

Typescript of Proposed Book on "Rocket Research" for Prentice-Hall [rocket propulsion, cont.]

Notes & Typescript of proposed book, "Principles of Jet Propulsion" for Prentice-Hall, n.d.

Jet Velocity for Oxygen-gasoline Rockets, April 12, 1945

Foreword to the Reprinted Edition of "A Method of Reaching Extreme Altitudes and Liquid Fuel Rocket Development", May 1, 1945

Data to be Expected from New Type of Rocket n.d.

Miscellaneous Notes, n.d.

- BOX 8-3                   Manuscript: The Ultimate in Jet Propulsion, 1943
- BOX 8-4                   Completed "The Ultimate in Jet Propulsion" (2 copies)
- BOX 8-5                   **Publications, November, 1907-April 1, 1938, & Instruction Manual for the  
Goddard A-1 Jet Propulsion Motor Unit, January, 1943**  
 RHG Publications, November, 1907-1909  
 RHG Publications, November 20, 1909-June 6, 1912  
 RHG Publications, August 16, 1912-February 6, 1920  
 RHG Publications, February 6, 1920-March, 1924  
 RHG Publications, June 21, 1924-February, 1930  
 RHG Publications, September 1931-April, 1938  
 Instruction Manual for the Goddard A-1 Jet Propulsion Motor Unit,  
 January, 1943
- SERIES 9                   **MISCELLANEOUS**
- BOX 9-1                   Ephemera Removed from RHG's Diaries (removed by conservator during  
 restoration of the diaries), 1898-1944.  
 RHG Correspondence with C.N. Hickman (formerly bound; originals have been  
 removed & filed under appropriate year in "General Correspondence"  
 files), February 22, 1917-March 21, 1941  
 RHG & ECG Correspondence with C.N. Hickman (formerly bound; originals  
 have been removed & filed under appropriate year in "General  
 Correspondence" files), April 5, 1941-December 6, 1946  
 Reports by G.D. Heigi's (WPI) to Smithsonian Institution or RHG, 1917  
 George Bode Cartoons with RHG Notations, Roswell, NM & Annapolis, MD,  
 1842-1944; untitled, January 30 - July 26, 1943 & undated  
 George Bode Cartoons with RHG Notations, Annapolis, MD, 1944  
 Emory Lakatos, Manuscripts: "Internal Ballistics of Powder Driven Rockets",  
 August 21, 1940; "The Pure Reaction Radial Gas Turbine", November 6  
 & 22, 1940  
 Suggestions Regarding Looms for George Crompton, June, 1927  
 Newspaper Clippings (1904-1938)  
 Papers of RG, Legal and Financial Matters  
 RHG Personal File For Roswell Work  
 RHG Publicity
- SERIES 10                   **ARTICLES AND CLIPPINGS ABOUT RHG**
- SUBSERIES 1               **MICROFILM COPIES OF NEWSCLIPPINGS**

- BOX 10-1-1            Microfilm copies of newsclippings (6 boxes)
- SUBSERIES 2            NEWSPAPER AND MAGAZINE CLIPPINGS**
- BOX 10-2-1            **Newsclippings: Volume I, Volume II, Volume III,  
June 24, 1904-March 25, 1925**  
Volume I, June 24, 1904-January 25, 1920  
Volume I, January 25, 1920-March 28..., 1920  
Volume II, April 4, 1920-October 22, 1920  
Volume II, October 5, 1920-December 31, 1923  
Volume III, December 30, 1923-May 28, 1924  
Volume III, May 31, 1924-March 25, 1925
- BOX 10-2-2            **Newsclippings: Volume IV, Volume V, Volume VI,  
March 21, 1925-August 27, 1930**  
Volume IV, March 21, 1925-January 16, 1927  
Volume IV, June 24, 1927-July 26, 1929  
Volume V, July 27, 1928-July 26, 1929  
Volume V, July 25, 1929-October 18, 1929  
Volume VI, October 12, 1929-June 14, 1930  
Volume VI, May 13, 1930-August 27, 1930
- BOX 10-2-3            **Newsclippings: Volume VII, Volume VIII, Volume IX,  
August, 1930-September, 1949**  
Volume VII, August, 1930- April 2, 1935  
Volume VIII, September 29, 1935- June 4, 1941  
Volume XI, July 8, 1942-May 9, 1948  
Volume XI, April 21, 1948-September, 1949
- BOX 10-2-4            **Newsclippings: Volume X, "Tributes", 1945**  
"Tributes", August 10, 1945-March 19, 1950,  
Volume X (2 Folders)
- BOX 10-2-5            **Newsclippings: Volume XI, Volume XII  
May, 1948- October, 1958**  
Volume XI, May, 1948- Feb, 1951  
Volume XI, March, 1951- May, 1956  
Volume XII, May., 1956- Nov., 1957  
Volume XII, Nov., 1957- Oct., 1958
- BOX 10-2-6            **Newspaper and Magazine Clippings and Misc. brochures,  
invitations, etc.; November 1958 – October 1961**



Volume XIII, 1958 - 1959  
 Volume XIII, April 1959 - Dec. 1959  
 Volume XIV, 1959 - 1960  
 Volume XIV, Jan. 1961 – Nov. 1961

BOX 10-2-7

**Newsclippings: Volume XV, Volume XVII  
 Jan. 1962 – Mar. 1965**

Volume XV, Jan. 1962 – Aug. 1962  
 Volume XV, Sept. 1962 – Oct. 1963  
 Volume XVI, Nov 1963 – June 1964  
 Volume XVI, July 1964 – Dec. 1964  
 Newspaper, Roswell Daily Record Oct. 5, 1964  
 Volume XVII, Jan. 1965 – Mar. 1965

BOX 10-2-8 **Publications, Newspaper Clippings and Misc. brochures,  
 invitations, etc.; 1920 - 1964**

Publications About Robert H. Goddard, 1920  
 Publications About Robert H. Goddard, 1924  
 Goddard Interview (1924?) - “A Through Express to the Moon”  
 by Margaret Brandenburg  
 Publications About Robert H. Goddard, 1929  
 Publications About Robert H. Goddard, 1930  
 Publications About Robert H. Goddard, 1931  
 Publications About Robert H. Goddard, 1935  
 Publications About Robert H. Goddard, 1936  
 Publications About Robert H. Goddard, 1937  
 Publications About Robert H. Goddard, 1938  
 Publications About Robert H. Goddard, 1939  
 Publications About Robert H. Goddard, 1940  
 Publications About Robert H. Goddard, 1943  
 Publications About Robert H. Goddard, 1944  
 Publications About Robert H. Goddard, 1945  
 Publications About Robert H. Goddard, 1946  
 Publications About Robert H. Goddard, 1947  
 Publications About Robert H. Goddard, 1948  
 Publications About Robert H. Goddard, 1949  
 Publications About Robert H. Goddard, 1950  
 Publications About Robert H. Goddard, 1951  
 Publications About Robert H. Goddard, 1953  
 Publications About Robert H. Goddard, 1955  
 Publications About Robert H. Goddard, 1956  
 Publications About Robert H. Goddard, 1957  
 Publications About Robert H. Goddard, 1958  
 Publications About Robert H. Goddard, 1959

Publications About Robert H. Goddard, 1960  
 Clippings re: Patent Settlement, Aug. - Sept. 1960  
 Publications About Robert H. Goddard, 1961  
 Publications About Robert H. Goddard, 1962  
 Publications About Robert H. Goddard, 1963  
 Publications About Robert H. Goddard, 1964

BOX 10-2-9      **Publications, Newspaper Clippings and Misc. brochures,  
 invitations, etc.; 1965 - 1966**

RHG Clippings 1965  
 Publications About Robert H. Goddard, 1965  
 RHG Clippings 1966, January - March  
 RHG Clippings 1966, April - December  
 Publications About Robert H. Goddard, 1966

BOX 10-2-10      **Publications, Newspaper Clippings and Misc. brochures,  
 invitations, etc.; 1967 - July, 1969**

RHG Clippings 1967  
 Publications About Robert H. Goddard, 1967  
 RHG Clippings 1968  
 Publications About Robert H. Goddard, 1968  
 RHG Clippings 1969, January - June  
 RHG Clippings 1969, July

BOX 10-2-11      **Publications, Newspaper Clippings and Misc. brochures,  
 invitations, etc.; August, 1969 - 1973**

RHG Clippings 1969, Aug. - Dec.  
 Publications About Robert H. Goddard, 1969  
 RHG Clippings 1970  
 Publications About Robert H. Goddard, 1970  
 RHG Clippings 1971  
 Publications About Robert H. Goddard, 1971  
 RHG Clippings 1972  
 Publications About Robert H. Goddard, 1972  
 RHG Clippings 1973  
 Publications About Robert H. Goddard, 1973

BOX 10-2-12      **Publications, Newspaper Clippings and Misc. brochures,  
 invitations, etc.; 1974 - 1980**

RHG Clippings 1974  
 RHG Clippings 1975  
 Publications About Robert H. Goddard, 1975  
 RHG Clippings 1976

Publications About Robert H. Goddard, 1976  
 RHG Clippings 1977  
 Publications About Robert H. Goddard, 1977  
 RHG Clippings 1978  
 Publications About Robert H. Goddard, 1978  
 RHG Clippings 1979  
 Publications About Robert H. Goddard, 1979  
 Publications About Robert H. Goddard, 1980

BOX 10-2-13

**Publications, Newspaper Clippings and Misc. brochures, invitations, etc.; 1981 - 1999**

RHG Clippings 1981  
 RHG Clippings 1982  
 Publications About Robert H. Goddard, 1982  
 RHG Clippings 1983  
 Publications About Robert H. Goddard, 1984  
 RHG Clippings 1985  
 RHG Clippings 1986  
 Publications About Robert H. Goddard, 1987  
 Publications About Robert H. Goddard, 1988  
 RHG Clippings 1989  
 RHG Clippings 1990  
 Publications About Robert H. Goddard, 1991  
 RHG Clippings 1995  
 RHG Clippings 1997  
 Publications About Robert H. Goddard, 1999

BOX 10-2-14

**Publications, Newspaper Clippings and Misc. brochures, invitations, etc.; 2000 -**

Publications About Robert H. Goddard, 2000  
 Publications About Robert H. Goddard, 2001  
 Publications About Robert H. Goddard, 2002  
 Publications About Robert H. Goddard, 2003  
 Publications About Robert H. Goddard, 2004  
 Publications About Robert H. Goddard, 2005  
 Publications About Robert H. Goddard, 2006  
 Publications About Robert H. Goddard, 2007  
 Publications About Robert H. Goddard, 2008  
 RHG Clippings, n.d.  
 Publications About Robert H. Goddard, n.d

**SERIES 11**

**LISTS**

BOX 11-1

Important Affidavits by R.H. Goddard



**SUBSERIES 3 PHOTO ALBUMS**

3 photo albums created by ECG entitled "The Goddard Rocket Researches :  
A Photographic Record"  
1 photo album created by ECG entitled "The Goddard Rocket Research"

**SUBSERIES 4 GYROSCOPES**

BOX 14-4-1 1 Gyroscope  
BOX 14-4-2 1 Gyroscope in a wooden box

**SUBSERIES 5 ROCKET PARTS**

BOX 14-5-1 Parts from a rocket launched Dec. 26, 1928 in Auburn, MA. Presented to  
Goddard Library in 1965 by Mr. Alanson W. Parkes, Jr. who had  
been given them by ECG in 1962.

**Robert H. Goddard Photographs and Oversize Materials****Flat File Drawer 12**

Foam board photograph of Robert H. Goddard with rocket in  
background and people on either side.  
Foam board photograph of Robert H. Goddard as a boy with  
his parents.  
Robert H. Goddard exhibition room statement.  
Robert H. Goddard memorial dedication – October 19, 1978  
Framed Photograph of Robert H. Goddard working on a rocket.  
Packet of Robert H. Goddard newspaper articles.  
Pennant and patch from the Goddard Space Flight Center,  
Greenbelt, MD.  
Portrait of Robert H. Goddard by Emily Burling Haite  
presented to Mrs. Goddard – Print.  
Award to Robert H. Goddard from the Aviation Hall of Fame  
December 15, 1966.  
Portrait of Robert H. Goddard – Print.  
Foam Board Picture of Robert H. Goddard with instruments.

Photograph of Robert H. Goddard with rocket apparatus.  
 Photograph at White House March 5, 1968 during the Goddard Memorial Trophy Ceremonies. Left to Right: Esther C. Goddard, Congressman George Miller of California, and President Lyndon B. Johnson.  
 Photograph of Robert H. Goddard as a small boy.  
 Print of a portrait of Robert H. Goddard working on a rocket while another rocket launches in the background. Peter Stevens, 1971.  
 First Flight of Liquid Propelled Rocket, March 16, 1926. Dr. Robert H. Goddard.  
 Board Photograph of a print from John Hancock Mutual Insurance Company showing a representation of the first launch.  
 An original 1959 Robert H. Goddard Illustration from John Hancock Mutual Insurance Company.  
 Photograph of various Robert H. Goddard papers and Photographs.  
 Certificate of the award of the Daniel Guggenheim Medal to Robert H. Goddard, 1964.  
 Plan for plaque "Dr. Goddard's Rocket." 1926.  
 Certificate from USAF Flight Test Center commemorating Robert H. Goddard for his contributions to America's future.  
 Map of Robert H. Goddard's neighborhood in Roxbury, MA.  
 Negative Map of Robert H. Goddard's neighborhood in Roxbury, MA.  
 Large print of Robert H. Goddard working on a rocket while another one launches in the background.  
 Packet with Robert H. Goddard commemorations.  
 Original drawing of RHG used in U.S. Post Office brochure about Apollo 11 moon landing  
 Two paintings of Goddard in his robes  
 Photo of a portrait of RHG  
 Aerial photo of Pakachoag Golf Course, site of first launch  
 Photo of Goddard Memorial tower at Fort Devens  
 Five photos of presentation of Goddard bust to President Lyndon B. Johnson in Oval Office  
 Two portraits of ECG at her desk with typewriter  
 One formal portrait of ECG by Melkor  
 Dedication of Goddard Wing of Roswell Museum, May 1959  
 High pressure tank unit #16, tested by Roswell, NM, May 19, 1942  
 Two photos of Variable thrust pump unit #12 tested April 25, 1942  
 Photos of two portraits of RHG  
 Original diagram of a rocket

**Flat File Drawer 8**

Dr. Robert Goddard's shop prior to expansion, September 20, 1965.  
Mr. N.D. Goddard's residence second floor plan. 1909.  
Mr. N.D. Goddard's residence roof plan 1909.  
Mr. N.D. Goddard's residence side elevation. 1909.  
Mr. N.D. Goddard's residence rear elevation. 1909.  
Mr. N.D. Goddard's residence side elevation. 1909.  
Mr. N.D. Goddard's residence attic plan. 1909.  
Mr. N.D. Goddard's residence cross section, North and  
South. 1909.  
Mr. N.D. Goddard's residence front elevation. 1909.  
Mr. N.D. Goddard's residence first floor plan. 1909.  
Mr. N.D. Goddard's residence longitudinal section east  
and west. 1909.  
Margaret's Solar Greenhouse – 5 Bishop Ave. – Formerly  
N.D. Goddard's house. Plan 1980 (2 copies).  
Addition to the Roswell Museum Building – Plan 3 sheets 1958.

**ESTHER CHRISTINE (KISK) GODDARD**  
**Biographical Note**

|                |   |
|----------------|---|
| 1901, March 31 | Born at Worcester, MA   |
| 1917           | Student, South High School, Worcester, MA   |
| 1918-1920      | Secretary to President Edmund C. Sanford, Clark College   |
| 1920-1922      | Student, Bates College  |
| 1922-1924      | Secretary to President Wallace W. Atwood, Clark University  |
| 1924, June 21  | Married Robert Hutchings Goddard  |
| 1945           | Johns Hopkins University (B.S.)   |
| 1947           | Member, Worcester Branch, National League of American Pen Women   |
| 1948           | Editor, with G. Edward Pendray, of <u>Rocket Development</u> , condensation of Dr. Goddard's notes on his experiments, Prentice-Hall Co., reissued 1961 |
| 1951           | Clark University (A.M.)   |
| 1958           | Citation by the Trustees of Worcester Polytechnic Institute   |
| 1958           | "Woman of the Year" of the Worcester Business & Professional Women's Club   |
| 1961-          | Goddard Educational Award, given annually at Women's Space Symposium, Los Angeles, CA   |
| 1963-1970      | Member, Board of Directors, Age Center of Worcester Area, Inc.  |
| 1964-1970      | Trustee, Clark University   |
| 1962-          | Honorary Member, Chamber of Commerce of Auburn, MA  |



- 1964- Member, Executive Board of Mass. Chapter,  
Arthritis Foundation
- 1965-1970 Member, Board of Trustees, Medical  
Research Institute of Worcester
- 1965 Honorary Alumna, Worcester Polytechnic Institute
- 1965-1973 Director, Worcester Federal Savings &  
Loan Association
- 1966-1972 Member, Advisory Board, Anna Maria  
College, Paxton, MA
- 1966-1970 Member, Advisory Historic Landmark  
Committee for the City of Worcester, MA
- 1966, March Named "First Missile-Tracking Photographer" by Point  
Mugu, California Chapter of the Photo-optical  
Instrumentation Engineers)
- 1967 Fellow, American Astronautical Society
- 1967, May Citation for meritorious public service from the  
Massachusetts Federation of Business &  
Professional Women's Clubs
- 1967 Honorary Member, Soroptimist Club of Worcester, MA
- 1969 Worcester Polytechnic Institute (Honorary Sc.D.)
- 1970 Honorary Member, Directors Council, Worcester Science  
Center
- 1970 Editor with G. Edward Pendray, The Papers of Robert H.  
Goddard, 3 volumes, McGraw-Hill Book Co.
- 1970 Honorary Member, American Institute of  
Aeronautics & Astronautics, New York City
- 1970 Member, Board of Governors, National Space Club,  
Washington, D.C.

- 1970 Honorary Member, Air Force Association,  
Vandenberg Air Force Base, CA
- 1970 Honorary Citizen, Roswell, NM
- 1970 Trustee, Cathedral of the Pines, Rindge, NH
- 1970 Outstanding Member, American Association  
of University Women
- 1972 Named "Pen Woman of the Year", National  
League of American Pen Women
- 1972 Clark University (Honorary Degree, L.H.D.)
- 1982, June 4 Died at Worcester, Massachusetts

**ESTHER C. GODDARD PAPERS**

**SERIES 1    PRINT MATERIAL**

**SUBSERIES 1        CORRESPONDENCE**

- Box 1-1-1    **Aarseth, Cloyd (Hearst Metrotone News) - American Rocket Society**  
 Aarseth, Cloyd (Hearst Metrotone News), Re: Documentary films about RHG,  
 1953-1976  
 Africano, Alfred, 1946  
 Age Center of Worcester Area, 1969-1970  
 Air Force Outstanding Cadet in Mathematics Award (presented in memory  
 of Robert H. Goddard  
 Alabama Space and Rocket Club, Huntsville, 1968-1975  
 Allward, Maurice (and Col. Edwin E. Aldrin and Achille J. St. Onge), 1971-1972,  
 Re: Use of miniature book for sale  
 All Women New England Air Race, 1973  
 American Business Women's Association, 1974  
 American Institute of Aeronautics and Astronautics (AIAA), 1965-1975  
 American Astronautical Society, 1967-1975  
 American Institute of Physics- Dr. Charles Weiner, Dir., 1966  
 American Institute of Aeronautics and Astronautics, 1961-1976  
 American Rocket Society, 1947-1954  
 American Rocket Society, 1955-1960
- Box 1-1-2    **American Rocket Society - Arthritis Foundation (Massachusetts Chapter,  
 executive board)**  
 American Rocket Society, 1961 (2 folders)  
 Anderson, Arvid E. (Re: Patent No. 1, 159, 209) Oscillator-Radio Tube used by  
 Collins Radio Co. 1975  
 Anderson, Arvid E. (Re: Patent No. 1, 159, 209) Oscillator-Radio Tube used by  
 Collins Radio Co. 1974  
 Anderson, Arvid E. (Re: Patent No. 1, 159, 209) Oscillator-Radio Tube used by  
 Collins Radio Co. 1969-1973  
 Anderson, Arvid E., 1976, RHG: original inventor- patent of the High Frequency  
 Vacuum Tube (also correspondence 1977)  
 Andrews-Goddard High School Physics Textbook  
 Anna Marie College (Advisory Board), 1965-1975  
 Arthritis Foundation, Mass. Chapter, Executive Board, 1972-1978

- Box 1-1-3     **Bates College - Beauregard, Henry G.**  
 Bates College- ECG Class of 1924  
 Beauregard, Henry G., 1953-1954  
 Beauregard, Henry G., Feb. 1955- Dec.1955  
 Beauregard, Henry G., July 1956- 1957  
 Beauregard, Henry G., 1958- 1959  
 Beauregard, Henry G., Jan. 1956- June 1956
- Box 1-1-4     **Beauregard, Henry G. - Biographical Sketches of Robert H. Goddard**  
 Beauregard, Henry G., 1960 (3 folders)  
 Beauregard, Henry G., 1961  
 Biographers (Prospective) of RHG, 1958-1961  
 Biographers (Prospective) of RHG, 1962-1963  
 Biographical Sketches of RHG, 1945-1959  
 Biographical Sketches of RHG, 1960-1976  
 Biographical Items Re: ECG and Reminiscences of Friends of ECG  
 Biographical Notes  
 ECG Papers- Biographical Information
- Box 1-1-5     **Boston Museum of Science - Bush, George F.**  
 Boston Museum of Science, April 4, 1970- April 3, 1971  
 Boushey Jr. Homer A., 1946-1959  
 Boushey Jr. Homer A., 1960-1963, 1969, 1970  
 Bush, George F., April 12, 1958, 1965, 1967-1970, updated papers
- Box 1-1-6     **Cape Canaveral (Cape Kennedy) - Clark University**  
 Cape Canaveral and Visit of ECG to Coco Beach, FL.  
 Cathedral of Pines, Rindge, New Hampshire  
 Clark University, 1949-1962  
 Clark University, 1963-1964  
 Clark University, 1964-1965
- Box 1-1-7     **Clark University - Clarke, Arthur C.**  
 Clark University, 1965-1966 (undated)  
 Clark University, 1967-1968  
 Clark University, 1969-1970 (undated)  
 Clark University, Dec. 26, 1970- Nov. 18, 1972 (undated)  
 Clark University, Oct. 1972- Dec. 1974  
 Clark University, Jan. 1975- March 1976  
 Clark University, June 1964, 1966-1969, 1976, 1978 (undated)  
 Clarke, Arthur C., 1970 and 1973 (undated)
- Box 1-1-8     **Columbia University, Oral History Research Office - Natural History Museum,**

**N.Y.C.**

Columbia University, Oral History Research Office, 1960  
 Crompton, George Jr., 1947- 1956  
 Dunlop Photo Laboratory Services (Stevens Portrait of RHG)  
 Curtis-Wright Co., Caldwell, NJ, Bill X-2 Material, 1945- 1946  
 Curtis-Wright Co., Caldwell, NJ, Bill X-2 Material, Sept. 1947- 1956  
 ECG Educational Award, LA Chamber of Commerce, 1964-1969  
 Employees-Correspondence, 1945-1963  
 Esnault-Pelterie, Robert, correspondence  
 Exhibit at NY Natural History Museum, 1947-1953

Box 1-1-9 **Farrar, Straus & Cudahy, Publishers Inc. - Goddard Space Flight Center,  
 Greenbelt, MD**

Farrar, Straus, and Cudahy Publishers Inc., 1955- Nov. 1964  
 First Federal Savings and Loan Association and Worcester, 1957-1975  
 Fisher, Clarence M., Aug. 1945- 1953  
 Fischer, C. Fink 1956  
 Foreign Correspondence, 1946-1960  
 Fritz, Herhawn (German Artist), Sketches for ECG, 1975  
 Goddard Association of America- Correspondence and Newsletter, 1957-1978  
 Goddard Power Plant (Dedicated June 25, 1957)  
 Goddard Space Flight Center, 1959-1961  
 Goddard Memorial Dinner  
 Goddard Space Flight Center, 1961-1963 (Goett, Emme, Vaccaro)  
 Goddard Space Flight Center, 1964-1966  
 Goddard Space Flight Center, NASA, 1968- Oct. 1973  
 Goddard Space Flight Center, NASA, Oct. 1973- April 1976  
 NASA Goddard Space Flight Center

Box 1-1-10 **Guggenheim, Harry F., August, 1945-1957**

Guggenheim, Harry F., Aug. 1945- Dec. 1947  
 Guggenheim, Harry F., Dec. 1947- 1948  
 Guggenheim, Harry F., 1949-1950  
 Guggenheim, Harry F., 1951- May 1952  
 Guggenheim, Harry F., 1952-1955  
 Guggenheim, Harry F., 1956-1957

Box 1-1-11 **Guggenheim, Harry F., 1959-1962**

Guggenheim, Harry F., 1958  
 Guggenheim, Harry F., Jan.- June 1959  
 Guggenheim, Harry F., July- Dec. 1959  
 Guggenheim, Harry F., Jan.- June 1960  
 Guggenheim, Harry F., July- Dec. 1960  
 Guggenheim, Harry F., 1961

Guggenheim, Harry F., 1962

Box 1-1-12 **Guggenheim, Harry F., 1963-1976 (also Daniel and Florence)**

Guggenheim, Harry F., 1963

Guggenheim, Harry F., 1964

Guggenheim, Harry F., 1965

Guggenheim, Harry F., 1966

Guggenheim, Harry F., 1967- 1969

Guggenheim, Harry F., 1970

Guggenheim Foundation, Daniel and Florence, 1971

Guggenheim Foundation, Daniel and Florence, 1972- 1973

Guggenheim Foundation, Daniel and Florence, 1974- 1976

Box 1-1-13 **Hawley, Charles T. - International Astronautical Federation**

Hastings, R.B., Nov. 1961

Hawley, Charles T., Aug. 1945- Aug. 1952

Hawley, Charles T. Aug. 1952- Sept. 1960

Henderson, Marion, 1959

Herrick, Samuel, Oct. 1966- Dec. 1966

Hickman, Clarence N., 1945- 1967 (including Clark Memorial)

Hill, Draper (editorial artist), April 1969- April 1971

Sketches by Draper Hill (autographed by ECG), 1974

Hoelscher, Clifford and Jean (film enterprises), 1972- 1975

Honors, Miscellaneous, 1964 - 1974

Inertial Guidance (Notes), 1933, 1934, 1962

Ionized Rocket; Inquires, Re. 1960- 1961

Institute of the Aerospace Sciences, April 1950- Oct. 1955

Institute of the Aerospace Sciences, Nov. 1953- Dec. 1958

Institute of the Aerospace Sciences, June 1950- Sept. 1962

International Astronautics Federation Congress at Stockholm, 1959- 1961

Box 1-1-14 **John Hancock Mutual Life Insurance Co. - Lecture Notes**

John Hancock Mutual Life Insurance Co., 1959 and 1965 (May, June)

Lawrence, Lovell Jr. and RMJ, 1945- 1952, patents

Lecture Notes (6 folders)

Lecture Materials (2 folders)

Box 1-1-15 **Lehman, Milton, 1954-1958**

Lehman, Milton Correspondence, March 1954- Dec. 1954

Lehman, Milton Correspondence, Feb. 1955- Dec. 1955

Lehman, Milton Correspondence, Jan. 1956- Sept. 1956

Lehman, Milton Correspondence, Oct. 1956- Dec. 1956

Lehman, Milton Correspondence, Jan. 1957- May 1957

Lehman, Milton Correspondence, June 1957- Dec. 1957

Lehman, Milton Correspondence, Jan. 1958- July 1958  
 Lehman, Milton Correspondence, Aug. 1958- Dec. 1958  
 Lehman, Milton Research Inquires, 1956  
 Lehman, Milton Research Inquires, 1957

Box 1-1-16 **Lehman, Milton, 1958-1965 - This High Man Manuscript**

Lehman, Milton, 1959  
 Lehman, Milton, 1960  
 Lehman, Milton, 1961- 1962  
 Lehman, Milton, 1962- Nov. 1963 (book publication)  
 Excerpts from Vols. 1-18 of Rocket Experiments  
 Lehman Collateral Materials, 1953- 1957  
 Lehman Biography Chapters 1-4

Box 1-1-17 **This High Man Manuscript - Mrs. Goddard's Comments on Manuscript**

Lehman Biography, Ch. 5-9  
 Lehman Biography, Ch. 10 (1960 undated)  
 Lehman Biography, Ch. 10 (April 1960)  
 Lehman Biography, Ch. 11  
 Lehman "Final" Biography, Ch. 1-7 (copy)  
 Lehman "Final" Biography, Ch. 8- end (copy)  
 Lehman, Milton, Biography, ECG Comments, 1961-1962  
 Lehman, Milton, 1963- 1965  
 Library of Congress, Nov. 1954- Dec. 1960  
 Lindbergh, Charles A., Aug. 1950- Sept. 1974

Box 1-1-18 **Lists of Goddard Materials Used by Lehman for This High Man - McCarthy Donald F.**

Lists of Goddard Materials Used by Milton Lehman for This High Man  
 Lists, Misc.- Invitations, RHG Books, Diary, Etc.  
 Little, Brown Co. (Anne Dewey) March 1959- Jan. 1963  
 Lovelace II, W. Randolph, 1929- 1959  
 Mansur, Charles W. Award, White Sands Missile Range (esp. 25<sup>th</sup> Anniversary)  
 McCarthy, Donal F., Selected US Patents Covering Inventions of RHG relating to  
 rockets and jet propulsion  
 McCarthy, Donal F. and Oliver, Robert Early Patent Claims

Box 1-1-19 **McCarthy, Donal F. - Memorial: American Rocket Society, Auburn, MA**

McCarthy, Donal and Oliver, Robert, correspondence and notes, clippings,  
 Aug. 1947- Nov. 1950  
 Medal, congressional, correspondence and pamphlet, Oct. 1958- July 1960  
 Medal, congressional, correspondence and brochure, April 1961- April 1972  
 Medal, Franklin Mint, correspondence and printed material, April 1968- Aug. 1971  
 Medal, Guggenheim, correspondence, Aug. 1964- Aug. 1971

Medal, Langley, correspondence and printed material, Sept. 1959- Feb. 1972  
 Medical Research Institute of Worcester, Inc., Dr. Rosenberg fertility studies at  
 City Hospital, Correspondence and program, Aug. 1970- Jan. 1972  
 Melik, Efram (portrait printer), correspondence, Dec. 1969- Jan. 1970  
 Memorial, RHG Achievement Award, Civil Air Patrol, National Headquarters,  
 Ellington Air Force Base, Texas, correspondence and circular, March 1963  
 Memorial, "Goddard Ave.," Mahlmstrom Air Force Base, Montana, correspondence,  
 June 1962- July 1962  
 Memorial, Painting of RHG, Air Force Academy, Colorado, correspondence and  
 printed material, Oct. 1959- July 1973  
 Memorial, Goddard Squadron, Airforce Association, Vandenberg, CA.,  
 correspondence and printed material, May 1961- Nov. 1964  
 Memorial, VIP Guest House, army and missile command, Redstone Arsenal, Al.,  
 Correspondence, Sept. 1964- Oct. 1965  
 Memorial, "Goddard Hall" (cancelled), Army, Fort Bliss, NM., correspondence,  
 April 1957-Feb. 1958  
 Memorial, American Rocket Social, Auburn, MA., correspondence and printed  
 material, July 1948- Oct. 1959

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**Memorial: American Rocket Society - Memorial: Ft. Devens, MA**

Memorial, American Rocket Society at Auburn, MA., correspondence and printed  
 material, Jun 1960- Oct. 1962  
 Memorial, Auburn, MA., correspondence and printed material, Jan. 1975- Nov. 1975  
 Memorial, Auburn National Park, correspondence and printed material,  
 June 1974- July 1975  
 Memorial, Auburn Rotary Club, correspondence, April 1966- June 1970  
 Memorial, Auburn, MA., correspondence and printed material, Nov. 1963-Feb. 1975  
 Goddard Ave., Halstrom AFB, Montana  
 Memorial, Aviation Hall of Fame, Dayton Ohio, correspondence and printed material,  
 July 1966-Jan. 1969  
 Memorial, petrified wood, Cathedral of Pines, Rindge, NH, correspondence,  
 Oct. 1947-June 1955  
 Memorial, sculpture at Clark, correspondence and printed material, Dec. 1963-  
 Oct. 1965  
 Memorial, launching tower, Fort Devens, MA., correspondence and printed material,  
 Jan. 1962- March 1974

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**Memorial: Goddard Commemorative Stamp**

Memorial, commemorative stamp, correspondence, July 1960- Sept. 1961  
 Memorial, commemorative stamp, correspondence and printed material,  
 Jan. 1962-Nov. 1963  
 Memorial, commemorative stamp, correspondence and printed material,  
 Jan. 1964-Sept. 1964  
 Memorial, commemorative stamp, correspondence and printed material,



Oct.-Dec. 1964

Memorial, commemorative stamp, correspondence and printed material,  
Jan.-May 1965

Memorial, commemorative stamp, correspondence and printed material,  
June-Dec. 1965

Memorial, commemorative stamp, correspondence, Jan.-Dec. 1966

Memorial, commemorative stamp, correspondence, March 1967-Dec. 1971

Memorial, commemorative stamp, correspondence, March 1972-Aug. 1978

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**Memorial: National Aerospace Education Council – Congressional Recognition**

Memorial, “Goddard Day,” National Aerospace Education Council, correspondence  
and printed material, Jan. 1965-Nov. 1967

Memorial, International Aerospace Hall of Fame, San Diego, CA., correspondence and  
Brochures, Aug. 1968- Oct. 1968

Memorial, Industrial Center, Worcester Area Chamber of Commerce, correspondence  
and clippings, Oct. 1960-July 1961

Memorial, Jet Propulsion Lab, Pasadena, CA., correspondence, March-Sept. 1972

Memorial, Jr. and Sr. High Schools, Glendora, CA. Ozone Park, NYC. Roswell, NM.  
Lanham, MD. Correspondence and printed material, May 1963-Nov. 1970

Memorial, dining room, Navy, Marine, Engineering Lab, Annapolis, MD.,  
Correspondence, April-July 1966

Memorial, power plant, Navy, US Naval Powder Factory, Indian Head, MD.,  
Correspondence, Aug. 1956- Oct. 1957

Memorial, Hall of Fame, NYU, NYC, correspondence and printed material, May  
1967-Dec. 1970

Memorial, Hall of Fame, NYU, NYC, correspondence and printed material,  
Jan. 1971-June 1974

Memorial, National Space Hall of Fame, Albert Thomas Convention and Exhibit  
Center, correspondence and printed material, Houston, TX., Dec. 1968-  
Jan. 1970

Memorial, lunar craters, located at earth’s surface, correspondence, Oct.-Nov. 1969

Memorial, citation, Rochester Museum and Science Center, Rochester, NY,  
correspondence and brochure, Dec. 1969-Feb. 1970

Memorial, congressional recognition of Goddard Rocket and Space Museum, Roswell,  
NM, correspondence and circular, Nov. 1965-July 1970

Box 1-1-23

**Memorial: Goddard Exhibition, Roswell- Dedication Ceremonies for Goddard  
Hall, WPI**

Memorial, Goddard Rocket Tower, Roswell Museum, Roswell, NM., correspondence  
and printed material, June 1948-Dec. 1952

Memorial, Goddard Exhibition, Roswell Museum, Roswell, NM., correspondence and  
printed material, Jan. 1953-Dec. 1956

Memorial, Goddard Exhibition, Roswell Museum, Roswell, NM., correspondence and  
printed material, Jan. 1957-Dec. 1958

Memorial, Goddard Exhibition, Roswell Museum, Roswell, NM., correspondence and printed material, Jan. 1959-May 1961

Memorial, Goddard Workshop, Roswell Museum, Roswell, NM., correspondence and printed material, July 1964-Jan. 1970

Memorial, portraits of RHG, gift from ECG to Boston Museum of Science, WPI, Alabama Space and Rocket Center, correspondence, April 1974-June 1974

Memorial, portrait of RHG, located in hearing room of the House Committee on Science and Astronautics, Rayburn House Office Building, Washington, DC, correspondence, Sept.- Dec. 1971

Memorial, Goddard Field, White Sands Proving Ground, New Mexico, correspondence, Aug. 8, 1955

Memorial, sculptures of RHG, correspondence, March 1961-July 1963

Memorial, Dedication ceremonies for Goddard Hall, WPI, correspondence and printed material, Oct. 1964-May 1965

Box 1-1-24 **Murchison, Charles H. - National Geographic Society**

Murchison, Charles H., correspondence and brochure, April 1951-May 1959

Nasson College, Springvale, ME., correspondence and printed material, June 1960-Aug. 1963

NASA, Audiovisual Branch, Les Gaver, Margaret Ware, correspondence, July 1974-Oct. 1975

NASA, general administration, Houston manned space flight center, correspondence and printed material, Sept. 1967-Oct. 1975

National Aerospace Education Association, "Goddard Day," correspondence and printed material, Feb. 1965-June 1975

National Association of Rocketry, correspondence and printed material, April 1961-April 1963

National Geographic Society (photographers), correspondence and clippings, Nov. 1969-Feb. 1971

National Inventors Hall of Fame, Feb. 11, 1979

National League of American Pen Women, 1979

Box 1-1-25 **National Rocket Club [became National Space Club in 1963]**

National Rocket Club, correspondence and printed material, April 1957-Jan. 1961

National Rocket Club, correspondence and printed material, Jan. 1960-Nov. 1962

National Rocket Club, correspondence and printed material, Feb. 1962-Nov. 1964

National Space Club, correspondence, Dec. 1962, Dec. 1965-Mach 1966

National Space Club, correspondence and printed material, Nov. 1965-Dec. 1967

National Space Club, correspondence and printed material, Feb. 1968-Dec. 1971

Box 1-1-26 **National Space Club - Patent Settlement**

National Space Club, correspondence and printed material, Jan. 1972-Nov. 1973

National Space Club, correspondence and printed material, Jan. 1974-March. 1976

National Space Club, RHG Historical Essay Award Winners, printed material essays,

1963-1979 (1967, 68, 70, 75, 76, 78)  
 US Navy, 1)settlement and RHG Contracts (1945-1946) 2)obtaining photos  
 (1948-1956) 3) Copy made of HB movie films by photo center (1958),  
 correspondence and printed material  
 Numeroff, William J., correspondence, Oct. 1971-Sept. 1975  
 Ordway, Frederick I,III, Rocket Milestones, correspondence and printed material,  
 April 1959- Nov.1960  
 Oscillator Patent (Collins Radio Co.)  
 Paintings of RHG (gifts of), correspondence, May 1961-July 1961  
 Patent Royalties, Clark University and Others, correspondence, May 1933-April 1943  
 Patent Settlement, news clippings, US patents, July-Sept. 1960 and July 1914-  
 Nov. 1956

Box 1-1-27 **The Papers of Robert H. Goddard (correspondence with McGraw, Hill & Pendray)**

The Papers, McGraw-Hill Correspondence, Oct. 1958-Dec. 1962  
The Papers, McGraw-Hill Correspondence, Jan. 1963-Dec. 1965  
The Papers, McGraw-Hill-Sperka-Pendray Correspondence and printed material,  
 March-Dec. 1966  
The Papers, McGraw-Hill-Sperka-Pendray Correspondence, Feb. 1967-Sept. 1967  
The Papers, McGraw-Hill-Sperka-Pendray Correspondence, Oct. 1967-Dec. 1967  
The Papers, McGraw-Hill-Sperka-Pendray Correspondence, Jan. 1968-July 1968  
The Papers, McGraw-Hill-Sperka-Pendray Correspondence, Aug. 1968-Dec.1968  
The Papers, McGraw-Hill-Sperka-Pendray Correspondence, Jan. 1969-Dec. 1969  
The Papers, McGraw-Hill-Sperka-Pendray Correspondence and Brochure, March-  
 Sept. 1970

Box 1-1-28 **The Papers of Robert H. Goddard (research files - diary entries used in The Papers)**

The Papers, RHG Diary Entries considered for inclusion in April 1902-July 1907,  
 Jan. 1920, Dec. 1931  
The Papers, RHG Diary Entries considered for inclusion in Jan. 1932-Dec. 1939  
The Papers, RHG Diary Entries considered for inclusion in Jan. 1940-June 1945  
The Papers, Diary Entries used in (no permission required), Feb. 1898-Nov. 1929  
The Papers, Diary Entries used in (no permission required), Nov. 23, 1929-  
 Aug.31, 1938  
The Papers, Diary Entries used in (no permission required), Sept.7, 1938-  
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The Papers, Research re: missing Goddard manuscripts, not located

Box 1-1-29 **The Papers of Robert H. Goddard (permission to publish requests outstanding/granted)**

The Papers, Quotations from diary used in (use approved by Mr. Jehle of McGraw-Hill)

The Papers, permission grants pending  
The Papers, permission requests granted (4 folders)

- Box 1-1-30 **The Papers of Robert H. Goddard (Smithsonian Institution list #2)**  
The Papers, permissions granted, Clark University  
The Papers, The Daniel and Florence Guggenheim Foundation, List #1-Reports by RHG to D and FG Foundation, 1935-1941  
The Papers, The Daniel and Florence Guggenheim Foundation, List #2-correspondence from Foundation to RHG, 1930-1945  
The Papers, The Daniel and Florence Guggenheim Foundation, List #3-correspondence from RHG to the Foundation, 1930-1945  
The Papers, Smithsonian Institution, List #1-covering “reports and correspondence describing the Goddard research for the US Army Signal Corps.” Work also done under the Smithsonian  
The Papers, Smithsonian Institution, List #2-Formal Progress Reports from RHG, 1918-1938 (2 folders)  
The Papers, Smithsonian Institution, List #1-Covering “Reports and correspondence describing The Goddard research for the US Army Signal Corps” work also done for the Smithsonian
- Box 1-1-31 **The Papers of Robert H. Goddard (Smithsonian Institution list #2)**  
The Papers, Smithsonian Institution, List #3-Correspondence from Smithsonian to RHG, 1902-1944 (omitting military items in 1918)  
The Papers, Smithsonian Institution, List #4-Correspondence from RHG to Smithsonian, 1919-1945  
The Papers, US Army (Signal Corps) permissions granted for all 1918 defense work; Smithsonian Institution also granted permission  
The Papers, US Army permissions granted by various offices excluding 1918 work, 1902-1965  
The Papers, US Army (Signal Corps) permissions granted for all 1918 defense work; Smithsonian Institution also granted permission  
The Papers, US Navy, Bureau ordinance, Aeronautics, supplies and accounts, etc. (1914, 1920-1923, 1928, 1933, especially 1940-1943, 1965 reports) (2 folders)
- Box 1-1-32 **The Papers of Robert H. Goddard (Bureau of Ordnance, U.S. Navy List)**  
The Papers, US Navy, Bureau Ordinance, Aeronautics, supplies and accounts, etc. 1921-1923, 1933, especially 1940-1945 reports (8 folders, 7 unlabeled)
- Box 1-1-33 **The Papers of Robert H. Goddard (page proof of Volume III – acknowledgements A-D)**  
Page Proof of Papers of RHG, vol. III, 1938-1945 (4 folders)  
The Papers, Distribution Lists for Primary, March 1970, Secondary, July 1973 also July 1, 1975  
Acknowledgment of Papers, 1970-1973 (A-D)

- Box 1-1-34 **The Papers of Robert H. Goddard (acknowledgements E-Z, 1973-1974)**  
 Acknowledgment of Papers, 1973-1974 (E-L)  
 Acknowledgment of Papers, 1970-1974 (M-Z)  
 The Papers-Review of 1970-1973  
 Copy #8 of Manuscript of Papers of RHG as originally typed, 1901-1915  
 Copy #8 of Manuscript of Papers of RHG as originally typed, 1916  
 Copy #8 of Manuscript of Papers of RHG as originally typed, 1917
- Box 1-1-35 **The Papers of Robert H. Goddard (copy #8 of manuscript)**  
 Copy # 8 of manuscript of Papers of RHG as originally typed, 1918  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Jan.-Feb. 1918  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Feb.-May 1918  
 Copy # 8 of manuscript of Papers of RHG as originally typed, May-June 1918  
 Copy # 8 of manuscript of Papers of RHG as originally typed, July-Aug. 1918  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Aug.-Nov. 1918  
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- Box 1-1-36 **The Papers of Robert H. Goddard (copy #8 of manuscript)**  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Jan.-May 1920  
 Copy # 8 of manuscript of Papers of RHG as originally typed, May-Dec. 1920  
 Copy # 8 of manuscript of Papers of RHG as originally typed, 1921  
 Copy # 8 of manuscript of Papers of RHG as originally typed, 1922  
 Copy # 8 of manuscript of Papers of RHG as originally typed, 1923  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Jan.-Aug. 1924  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Sept. 1924-May 1925  
 Copy # 8 of manuscript of Papers of RHG as originally typed, June 1925-June 1926  
 Copy # 8 of manuscript of Papers of RHG as originally typed, July 1926-July 1927  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Aug. 1927-1928  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Jan.- July 1929
- Box 1-1-37 **The Papers of Robert H. Goddard (copy #8 of manuscript)**  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Aug.-Dec. 1929  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Jan.-June 1930  
 Copy # 8 of manuscript of Papers of RHG as originally typed, July 1930-Jan. 1931  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Feb.-Dec. 1931  
 Copy # 8 of manuscript of Papers of RHG as originally typed, 1932  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Jan. 1933-Jan. 1934  
 Copy # 8 of manuscript of Papers of RHG as originally typed, March 1934-Feb. 1935  
 Copy # 8 of manuscript of Papers of RHG as originally typed, March-Oct. 1935  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Nov. 1935-March 1936
- Box 1-1-38 **The Papers of Robert H. Goddard (copy #8 of manuscript)**

Copy # 8 of manuscript of Papers of RHG as originally typed, April-Sept. 1936  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Oct. 1936-May 1937  
 Copy # 8 of manuscript of Papers of RHG as originally typed, June-Dec. 1937  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Jan.-April 1938  
 Copy # 8 of manuscript of Papers of RHG as originally typed, May-Sept. 1938  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Oct. 1938-Feb. 1939  
 Copy # 8 of manuscript of Papers of RHG as originally typed, March-Sept. 1939  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Oct. 1939-Feb. 1940

Box 1-1-39 **The Papers of Robert H. Goddard (copy #8 of manuscript)**

Copy # 8 of manuscript of Papers of RHG as originally typed, March-June 1940  
 Copy # 8 of manuscript of Papers of RHG as originally typed, July-Sept. 1940  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Oct. 1940-Feb. 1941  
 Copy # 8 of manuscript of Papers of RHG as originally typed, March-July 1941  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Aug. 1941-Feb. 1942  
 Copy # 8 of manuscript of Papers of RHG as originally typed, March-Aug. 1942  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Sept. 1942-Feb. 1943  
 Copy # 8 of manuscript of Papers of RHG as originally typed, March-July 1943

Box 1-1-40 **The Papers of Robert H. Goddard (copy #8 of manuscript)**

Copy # 8 of manuscript of Papers of RHG as originally typed, July-Dec. 1943  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Nov. 1, 1943  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Jan.-April 1944  
 Copy # 8 of manuscript of Papers of RHG as originally typed, May-Oct. 1944  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Nov. 1944-Jan. 1945  
 Copy # 8 of manuscript of Papers of RHG as originally typed, Feb.-May 1945  
 Copy # 8 of manuscript of Papers of RHG as originally typed, June 1945-March 1949

Box 1-1-41 **Pendray, G. Edward, 1945-1975**

Pendray, G. Edward, correspondence, March 1945-Dec. 1947  
 Pendray, G. Edward, correspondence and booklet, Jan. 1948-Dec. 1949  
 Pendray, G. Edward, correspondence and printed material, Jan. 1950-Nov. 1955  
 Pendray, G. Edward, correspondence, Jan. 1956-Dec. 1958  
 Pendray, G. Edward, correspondence, Jan. 1959- Dec. 1960  
 Pendray, G. Edward, correspondence, Jan. 1961- Nov. 1963  
 Pendray, G. Edward, correspondence and printed material, Jan. 1964-Dec. 1966  
 Pendray, G. Edward, correspondence, March, 1968-July 1975

Box 1-1-42 **Personal Correspondence, 1945-1963**

Letter from ECG to parents, July 26, 1930  
 Letters to/from ECG and friends in Roswell, NM  
 ECG papers, personal-correspondence and booklet, 1945-1948  
 ECG papers, personal-correspondence and printed material, 1950-1959  
 ECG papers, personal-correspondence and clippings, 1960-1961

ECG papers, personal-correspondence and printed material, 1962 (2 folders)  
 ECG papers, personal-correspondence, 1963  
 ECG papers, personal-correspondence and printed material, 1963  
 Greeting Cards, 1959-1974

Box 1-1-43 **Personal Correspondence, 1964-1965**

ECG papers, personal-correspondence and printed material, 1964 (2 folders)  
 ECG papers, personal-correspondence and printed material, 1965 (4 folders)

Box 1-1-44 **Personal Correspondence, 1966-1978**

ECG papers, personal-correspondence, 1966  
 ECG papers, personal-correspondence and booklet, 1967  
 ECG papers, personal-correspondence and program, 1968-1969  
 ECG papers, personal-correspondence and printed material, 1970  
 ECG papers, personal-correspondence, 1971 and 1973-1974  
 ECG papers, personal-correspondence and printed material, 1975-1978

Box 1-1-45 **Price, Wesley - Publicity, 1947-1958**

Price, Wesley-correspondence and magazine article, March 1953-Feb. 1957  
 (succeeded by Milton Lehman)  
 ECG Papers, correspondence to Wesley Price  
 Publicity Contracts for Movie and TV Programs, Sept. 1957, Aug. 1959,  
 June 1962, Sept.- Dec. 1967  
 Publicity, Rocket TV Programs, correspondence, 1956-1960  
 Publicity, correspondence, 1942  
 Publicity, correspondence and printed material, 1947-1953  
 Publicity, correspondence and printed material, 1954-1955  
 Publicity, correspondence, 1956  
 Publicity for RHG, photos, articles, correspondence and printed material, 1957  
 Publicity, correspondence and printed material, 1958

Box 1-1-46 **Publicity, 1959-1961**

Publicity for RHG, photos, articles, correspondence and printed materials, 1959  
 (2 folders)  
 Publicity for RHG, photos, articles, correspondence and printed materials, 1960  
 (2 folders)  
 Publicity for RHG, photos, articles, correspondence and printed materials, 1961  
 (2 folders)

Box 1-1-47 **Publicity, 1962-1963**

Publicity, correspondence, 1962  
 Publicity, correspondence and program, 1962  
 Publicity, correspondence and printed material, 1962  
 Publicity, correspondence and printed material, 1963 (3 folders)

Publicity for RHG, photos, articles, correspondence and printed material, 1962

Box 1-1-48 **Publicity, 1964-1965**

Publicity, correspondence, 1964

Publicity, correspondence and printed material, 1964 (2 folders)

Publicity, correspondence and printed material, 1965 (3 folders)

Box 1-1-49 **Publicity, 1966-1968**

Publicity, correspondence, 1966

Publicity, correspondence and printed material, 1966 (2 folders)

Publicity, correspondence and printed material, 1967

Publicity, correspondence and printed material, 1968

Box 1-1-50 **Publicity, 1969-1974**

ECG Papers, publicity, no date

Publicity, correspondence, 1970

Publicity, correspondence and printed material, 1969

Publicity, correspondence and printed material, 1970

Publicity, correspondence and printed material, 1971

Publicity, correspondence and printed material, 1972

Publicity, correspondence and printed material, 1973

Publicity, correspondence and printed material, 1974

Publicity, correspondence and printed material, 1975

Publicity, correspondence and printed material, 1976-1977

Box 1-1-51 **Robillard, George - Roswell Museum, NM**

Robillard, Captain George, patents, correspondence and printed material,  
May-June 1951

Roswell, NM, Real Estate, Inventories Etc., correspondence and printed material,  
May 1937-March 1947

Rocket Development, Prentice Hall, correspondence, Dec, 1945-Dec. 1951

Rocket Exhibition, Roswell, NM – brochure

Rocket Industry, correspondence and printed material, Mar. 1948-June 1964

Rocket Development (re-issue), Prentice Hall correspondence, Jan 1960-Jun. 1965

Rocket Queries, Misc. correspondence, May 1944-Feb. 1952

ECG Papers, Percy Roope Correspondence, 1965-1976

Box 1-1-52 **Roswell Museum, NM - Smith College**

Roswell Museum (Aston, Vanderwart, etc.), correspondence and photograph,  
April 1959-Dec.1962

Roswell Museum, correspondence, Jan.-Dec. 1963

Roswell Museum, correspondence and brochure, Jan.-Dec. 1964

Roswell Museum, correspondence and printed material, Jan.-Dec.1965

Roswell Museum, correspondence and printed material, Oct. 1968-Dec. 1974



Roswell Museum, correspondence, Jan.-Oct. 1975  
 Rotary Club, Worcester, correspondence, April-May 1975  
 Rotary Club, Auburn, correspondence, 1976  
 Ruttiman, Alfred, correspondence and printed material, April 1950-March 1961  
 Samarkand, Santa Barbara Retirement Residence, correspondence and printed material,  
 Dec.1972-June 1975  
 School Department (general employment), correspondence and printed material,  
 Aug. 1944-May 1959  
 Smith College, correspondence, March 1973-Oct. 1975

Box 1-1-53 **Smithsonian Institution, 1945-1969**

Smithsonian Institution, correspondence, Oct. 1945-Dec. 1958  
 Smithsonian Institution, correspondence and clipping, Jan. 1959-Dec. 1960  
 Smithsonian Institution, correspondence and printed material, Jan. 1961-Dec. 1963  
 Smithsonian Institution, correspondence and printed material, March 1964-Dec. 1965  
 Smithsonian Institution, correspondence and printed material, Jan. 1966-Dec. 1969

Box 1-1-54 **Smithsonian Institution, 1970-1974 - Stuhlinger, Ernst**

Smithsonian Institution, correspondence and printed material, Jan. 1970-Dec. 1971  
 Smithsonian Institution, correspondence and printed material, Jan.-Dec. 1972  
 Smithsonian Institution, correspondence and printed material, Jan.-Dec. 1973  
 Smithsonian Institution, correspondence and printed material, Jan.-Dec. 1974  
 Smithsonian Institution, correspondence, Jan.1975-Feb. 1976  
 Typings, 1945-1959 (ECG activities)  
 Solar energy, correspondence and printed material, March-July 1974  
 Space Journal, Ralph E. Jennings, correspondence  
 Stine, G. Harry (Model Missile Assn.), correspondence and article, Aug. 1953-  
 March 1958  
 Students, Former (Dow, Parkes, Hastings, Castaldi, Berner), correspondence and  
 brochure, Oct. 1945-Sept. 1960  
 Students, former, correspondence, June 1961-Dec. 1971  
 Stuhlinger, Ernst, Huntsville, Ala., Re: workshops in orbit, for new products, metals,  
 etc., correspondence and photographs, Oct. 1973-July 1974

Box 1-1-55 **Speeches, 1949-1963 - Summary of Foreign Rocket Literature**

ECG, papers and speeches, 1949-1963 (I)  
 ECG, papers and speeches, 1964-1966 (II)  
 ECG, papers and speeches, 1967-1973 (III)  
 Summary of US, British, French and Russian Rocket Literature, printed material,  
 1924-1957  
 Summary of German Rocket Literature, printed material, 1923-1929  
 Summary of German Rocket Literature, printed material, 1930-1933  
 Summary of German Rocket Literature, printed material, 1934-1956

- Box 1-1-56    **Thompson, L.T.E., 1946-1960 - White Sands Missile Range**  
 Thompson, L.T.E., correspondence and printed material, Feb. 1946-Sept. 1960  
 Travel, brochures, correspondence, printed material, itineraries, notes, 1953-1964  
 Travel, brochures, correspondence, passport and printed material, 1966-1973  
 Travel, USSR and Balkans, printed material, Aug.-Sept. 1970  
 Universe Astronautics Foundation, Inc., correspondence and printed material,  
     Nov. 1971-March 1973  
 USSR, correspondence and printed material, Feb. 1969-Sept. 1974  
 U-2, comment, correspondence and printed material, June 1956-April 1958  
 Vandenburg Air Force Base and Point Arguello (Navy) correspondence, Oct. 1961-  
     April 1962  
 Viskovska, Mme. Nin, Mileteceva 100, Belackva, Bonat, Yugoslavia,  
     correspondence, July 1971-Sept. 1974  
 White Sands Proving Grounds, correspondence, Jan. 1948-Aug. 1955  
 White Sands Missile Range, correspondence and map, Aug.-Nov.1965  
 White Sands Missile Range (re: German Maul Rocket 1907), correspondence and  
     printed material, July 1973-June 1975
- Box 1-1-57    **Wolper, David L. - Worcester Science Center**  
 Wolper, David L., correspondence and contract for TV interview, "The Race For  
     Space," printed material, July 1959-Nov. 1973  
 Worcester Area Chamber of Commerce, correspondence and printed material,  
     Feb.-Dec.1963  
 Worcester House and Land, correspondence and printed material,  
     March 1931-Dec.1955  
 Worcester Polytechnic Institute, correspondence and printed material, Jan. 1957-  
     Nov. 1960  
 Worcester Polytechnic Institute, correspondence and printed material, Feb. 1961-  
     Dec. 1964  
 Worcester Polytechnic Institute, correspondence and printed material, Jan.-Sept. 1965  
 Worcester Polytechnic Institute, correspondence and printed material, Jan. 1966-  
     Dec. 1970  
 Worcester Polytechnic Institute, correspondence and printed material, Jan. 1971-  
     April 1976  
 Worcester Science Center, correspondence, May 1962-Dec. 1971

**SUBSERIES 2            CARBON COPIES OF MRS. GODDARD'S CORRESPONDENCE**

- BOX 1-2-1    ECG Carbons - 1945  
                   ECG Carbons - 1950 - 1959  
                   ECG Carbons - 1960 - 1969

**SUBSERIES 3      DEGREES AND CERTIFICATES**

- Box 1-3-1      **Esther Goddard's Degrees and Certificates**  
 Nasson College  
 Anna Maria College  
 Clark University  
 Worcester Polytechnic Institute  
 Paul Harris Fellow  
 National Rocket Club Certificate of Appreciation (2)  
 Arthritis Foundation Distinguished Service Award  
 Massachusetts Federation of Business and Professional Women's Clubs Meritorious  
     Public Service Citation  
 National Space Club Certificate of Membership  
 American Astronautical Society Certificate of Fellowship  
 Johns Hopkins University Bachelor of Science Degree  
 The Two Thousand Women of Achievement Diploma for Distinguished Achievement  
 National League of American Pen Women, Inc., Honorary Membership  
 The Marquis Who's Who Publications Board Certificates  
 Mohegan Council Boy Scouts Eagle Scout Sponsor Recognition  
 Chaves County Historical Society Proclamation

**SUBSERIES 4      MISCELLANEOUS DOCUMENTS**

- BOX 1-4-1      Diary - January 1, 1931 - June 10, 1931.  
 ECG Pension & Annuity Papers  
 Goddard-Curtiss Wright Agreements  
 Patent Assignments to D. & F. Guggenheim Foundation by RHG & ECG, 1934 - 1954  
 Settlement of Patent Claim by U.S. Government  
 Crompton-Goddard Agreements and Cancellations, together with correspondence

**SUBSERIES 5      EARLY WORK FOR BIOGRAPHY OF RHG ENTITLED "HIGH  
 LONESOME" BY ECG**

- BOX 1-5-1      High Lonesome Chapter 1  
 High Lonesome Chapter 2  
 High Lonesome Chapter 3  
 High Lonesome Chapter 4  
 High Lonesome Chapter 5  
 High Lonesome Chapter 6  
 High Lonesome Chapter 7

High Lonesome Chapter 8  
High Lonesome Chapter 9  
High Lonesome Chapter 10  
High Lonesome Chapter 11  
High Lonesome Chapter 12  
High Lonesome Chapter 13  
High Lonesome Chapter 14  
High Lonesome Chapter 15  
High Lonesome Chapter 16  
High Lonesome Chapter 1 - 7  
High Lonesome Chapter 8 - 16

**SERIES 2    NONPRINT MATERIAL**

Box 2-1    **Clark University Degree Items**  
Honorary degree from Clark University  
Gown belonging to Mrs. Robert H. Goddard (Given to Clark University by  
Mrs. Albert Kisk)

Box 2-2    **Clark University Degree Items**  
CAP and COWLS belonging to Mrs. Robert H. Goddard (Given to Clark University  
by Mrs. Albert Kisk)

**MATERIAL RELATED TO GODDARD**

**SERIES 1    AWARDS AND MEDALS**

Box 1-1    Congressional Medals awarded 1959 (5)  
 Langley Medal presented by the Smithsonian Institution, 1960  
 Daniel Guggenheim Award (3), 1964  
 The Goddard Medal, sponsored by the American Institute of Aeronautics and  
 Astronautics annually. Gift to ECG, March 1967  
 10<sup>th</sup> Anniversary Explorer 1 Coin, Jan. 31, 1968, "A tribute to Robert H.  
 Goddard, a pioneer of the space age"  
 10<sup>th</sup> Anniversary Explorer 1 Coin, Jan. 31, 1968, "A tribute to Mrs. Robert H.  
 Goddard, a pioneer of the space age"  
 Paul Harris Fellow awarded to ECG, April 1975  
 D.A.R. Award in History given to ECG, April 1968

Oversize/framed (stored in the downstairs cabinet)

(RHG) A painting of the Goddard family crest  
 Air Force Association Annual Air Power Award, September 14, 1957  
 Eisenhower's Message to be read at R.H.G. Memorial, April  
 25, 1959  
 USA Office of Scientific Research and Development  
 Louis W. Hill Space Transportation Award, 1958  
 South High School Proclamation of R.H.G. Day, March 16, 1976  
 City of Roswell, Resolution no.1003, April 7, 1959  
 Roswell Rotary Club, "In Appreciation", no date  
 Rotary Club, Auburn, MA, flag, October 25, 1969  
 Proclamation by Worcester Mayor, Thomas J. Early, for March 16,  
 1976 as "Dr. Goddard Day"  
 Photo of Rocket Stand, signed by Fort Devens Colonel, May 28,  
 1976  
 Proclamation by Massachusetts Governor Michael Dukakis, for Dr.  
 Robert H. Goddard Week, Oct. 16-21, 1978  
 Proclamation from Ronald Regan declaring "Dr. Robert  
 H. Goddard Day." October 5, 1982.  
 Framed Picture of Robert H. Goddard Library Dedication on May  
 19, 1969, also Scissors and Ribbon

(ECG) Honorary Citizen Certificate from Roswell, N. M., February 22,  
 1962

Air Force Association Charter, March 23, 1962  
 Business and Professional Women's Club of Worcester, October 9  
 1958  
 The Hundred Club of Massachusetts  
 WPI Board of Trustees, June 6, 1958  
 WPI Honorary Alumna Award, March 16, 1965  
 Framed Letter of Thanks from Mrs. Goddard to International Rotary  
 Club, April 5, 1975  
 Soroptimist Club of Worcester, Honorary Membership, January 15,  
 1967

## **SERIES 2 COINS AND MEDALLIONS**

Box 2-1 America in Space Album, proof set of 24 silver coins, first of which  
 Shows RGH and first successful rocket  
 Collection of 60 Coins Displaying America's Space Progress, first  
 Shows RGH and first rocket  
 "First Man on the Moon" Commemorative Medallion (3)  
 2<sup>nd</sup> Anniversary of First Moon Landing Commemorative  
 50<sup>th</sup> Anniversary of first flight, American Institute of Aeronautics and  
 Astronautics, given to ECG, 1981  
 60th Anniversary of Dr. Goddard's first rocket flight coins made by  
 New England Numismatic Assoc., 1986 (3)  
 1992 silver dollar from the Seville Expo with Robert Goddard quote

## **SERIES 3 EVENTS**

Box 3-1 Subseries 1 GODDARD CENTENNIAL AND EXPOSITION,  
 1982

Correspondence  
 "Dr. Robert H. Goddard Day", October 1982  
 Esther C. Goddard Memorial Service  
 Memorabilia  
 Photos  
 Poster from the Oregon Museum of Science and  
 Industry  
 Press Releases/Publications

Subseries 2 GODDARD ROCKET LAUNCH SITE  
 REDEDICATION, 2001

## Subseries 3 GODDARD ROCKET REPLICA PROJECT, 2003

**SERIES 4 PLAQUES** (stored in the downstairs cabinet)

American Institute of Aeronautics and Astronautics, 4<sup>th</sup> Sounding Rocket Conference to Robert Goddard "In recognition of his Outstanding contribution to rocketry." June 23-25, 1976  
 Goddard Industrial Center plaque presented June 19, 1961 to ECG  
 Macalester College plaque, June, 1965  
 Robert H. Goddard Plaque (with rock from Roswell, NM monument to RHG)  
 Rocket Industry Aerospace Plaque (from Thiokol Chemical Corporation)  
 Roswell, NM plaque making ECG honorary citizen, with key, June 2, 1969  
 U.S. Patent Office Plaque with RHG diagram from patent filed 10/1/1913, presented to Clark University by NASA, October 19, 1978

**SERIES 5 STAMPS**

Box 5-1 Artwork for first-day cover for Robert H. Goddard stamp  
 A sheet of Robert H. Goddard stamps  
 Framed Post Office bulletin about the Goddard stamp (currently in a display case on the second floor of the Goddard Library)  
 Elliott Rich Notebook of Goddard and space stamps  
 6 envelopes with first day of issue Goddard stamps  
 Wooden plaque to the Robert H. Goddard Library from the Citizens Of Roswell, NM with sheet of Robert H. Goddard stamps  
 Mounted first day issue stamps and envelope

**SERIES 6 MISCELLANEOUS**

Box 6-1 Auburn Rotary Club flag, gift to ECG 11/16/1966  
 Boy Scout Goddard neckerchief  
 Goddard Space Flight Center banner  
 Massachusetts History Day T-shirt

Box 6-2 Goddard Space Flight Center pass for ECG  
 Pin of the National Honor Society presented to ECG, February 1969

Pin of membership to the American Business Women's Association,  
(ECG joined in 1974)  
Silver "G" pendant given to ECG at dedication of the Goddard  
Memorial Park, Auburn, MA, May 25, 1970  
Wooden box with key to open sealed capsule at General  
Dynamics/Astronautics, San Diego, CA, 2063.  
Plate by Worcester Telegram for publicity for patent of RHG  
(7/24/69)  
Plate from Goddard Space Flight Center for 10<sup>th</sup> anniversary (3/16/71)  
Plate of 50<sup>th</sup> anniversary of liquid propelled rocket (Auburn, MA.  
3/16/26)  
Plate designed by Alexander for Convair Division of General  
Dynamics  
Piece of glazed soil from Trinity, NM after explosion of first atomic  
bomb  
Piece of ash in Lucite from explosion of first atomic bomb

- Box 6-3      Auburn Christmas tree ornament  
Golden Trowel from the dedication of Goddard Hall at WPI, 5/8/65,  
Gift of the Olin Foundation  
Goddard Boulevard Dedication at General Electric Co., Valley Forge,  
PA, October 12, 1962  
ECG Funeral Book  
Golden Cross  
Two Lichtenberg Figures (Nuclear Effects Branch) given to ECG by  
White Sands Missile Range in 1965 and 1971  
Recording from Roswell Elementary School, May 1964
- Box 6-4      Goddard book that accompanied Apollo 11 to the Moon, gift to ECG  
from the crew of Apollo 11, March 18, 1970

Oversize material (stored in downstairs cabinet)

ECG's jewelry box, includes:  
Daguerreotype of a man and baby, in case  
Diary "My Trip Abroad", August - September, 1938  
Diary, July 26, 1960 - August 5, 1960  
2 programs from cruise to Spitsbergen, 8/8 and 8/9/60  
Envelope of dried flowers from ECG's wedding bouquet  
Folded map of the world  
A pair of ECG's glasses  
Ring with initials R.G.  
Small frame with picture of RHG



2 space-related pins  
Leather framed portrait of RHG (belonging to ECG)  
Small painted portrait of ECG in case, unknown date  
Goddard Blow Torch  
Hard hat from the Rocket Research Institute, Inc. "Mrs. Robert H.  
Goddard, October 5, 1964  
Scale model of Goddard's first launch frame  
Silver bowl given to ECG by Presidents of the National Space Club  
(3/17/70)  
"The Shepherds' Christmas, New Mexico" by artist Peter Hurd, gift  
to Dr. and Mrs. Goddard

Oversize material (stored on top of Goddard shelves)

Painting of a launch given to ECG by the Roswell, NM postal  
employees  
2 reproductions of a painting of Goddard's first launch, gift to the  
Robert H. Goddard Library by the John Hancock Mutual Life  
Insurance Co.

## MATERIAL RELATED TO SPACE

### SERIES 1

### ARTICLES, MAPS, POSTERS

Box 1-1

Articles - General  
 Articles - Apollo 11  
 Maps of the Moon  
 Posters

### SERIES 2

### COINS

Box 2-1

Apollo Coin, "Earth, Moon, Earth"  
 Apollo 8 Medallion made with aluminum carried in orbit around Moon  
 Apollo 11, silver, Commemorative Medal  
 Apollo 11, silver, "Mission Accomplished"  
 Apollo 11, silver (2), "First Lunar Landing"  
 Apollo 11 (2), "That's one small step..."  
 Apollo 11, silver, "First manned landing on the Moon"  
 Medal carried by Aldrin on Apollo 11 given to ECG at Goddard  
     Dinner, March 18, 1970  
 Apollo 11, bronze, "Man's First Lunar Landing"  
 Apollo 12, bronze (2)  
 Apollo 12, "Yankee Clipper"  
 Apollo 13, bronze  
 Apollo 14, silver  
 Apollo 14, silver from Franklin Mint  
 Apollo 14, bronze  
 Apollo 15, bronze  
 Apollo 16, bronze  
 Apollo 17, bronze  
 Apollo 17, silver, Eyewitness Medal  
 Gemini 12 coin  
 Roswell's Centennial Coin, 1973  
 White Sands Missile Range 25<sup>th</sup> Anniversary, 1970  
 Wright Brothers coin, bronze, Hall of Fame for Great Americans at  
     New York University  
 Wright Brothers, Pioneers of Flight, Lindbergh Coin, bronze  
 Framed photo of back of Wright Brothers, Pioneers of Flight coin  
     with "Tribute to Apollo"  
 10<sup>th</sup> Anniversary of Americans in Space by Franklin Mint, silver bar  
 "They Came in Peace" Coin

**SERIES 3****STAMPS**

Box 3-1

Notebook of Space Covers, stamped envelopes with Signatures  
 Signature Album presented to ECG by William J. Numeroff  
 Framed First Day Cover honoring John H. Glenn  
 Treaty on Principles Governing the Activities of States In the Exploration and Use of Outer Space, Including the Moon and Other Celestial Bodies (3 copies) with first day of issue stamps  
 Agreement on the Rescue of Astronauts, the Return of Astronauts and the Return of Objects Launched Into Outer Space, with first day of issue stamp  
 25 space envelopes collected by Fred Zaugg

**SERIES 4****MISCELLANEOUS**

Box 4-1

Copy of plaque left on the Moon, July 1969  
 Index cards autographed by 6 astronauts: Conrad, Cooper, Grissom, McDivitt, Young, White  
 The Men from Planet Earth coaster  
 Space Stickers and Badges  
 Star of Space City charm  
 Audio highlights of the Apollo 11 Lunar Landing record  
 Hamond Talking Series, Trip to the Moon record  
 1<sup>st</sup> Moon Landing, July 1969 plate  
 Apollo VII - XVII plate  
 "That's one small step for a man,..." plastic plate  
 Victoria Spatii, 1969 plate  
 Office of Systems Safety and Mission Assurance metal  
 Badge with image of Goddard's first rocket, sent to Clark by Goddard Space Flight Center visitor

Oversize materials

Lunar Module Model (kept in downstairs cabinet)  
 Saturn 1 Rocket model (kept in downstairs cabinet)  
 Framed "Special Collectors Series" of Apollo  
 Astronauts Patches (kept on top of shelves)

Updated August 29, 2012