



Guide to the NACA Langley Memorial Aeronautical Laboratory and NASA Langley Research Center Records at NARA Philadelphia, 1918-1996 Record Group 255

National Archives and Records Administration

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Descriptive Summary

Title:

NACA Langley Memorial Aeronautical Laboratory and NASA Langley Research Center Records at NARA Philadelphia, 1918-1996

Collection Number:

Record Group 255: Records of the National Aeronautics and Space Administration

Creator:

NACA Langley Memorial Aeronautical Laboratory and NASA Langley Research Center

Dates:

Inclusive: 1918-1996

Extent:

Volume: Approximately 716 linear feet (1,687 containers)

Repository:

National Archives and Records Administration 900 Market Street Philadelphia, Pennsylvania 19107-4292

Abstract:

The records of the National Aeronautics and Space Administration (NASA) and its precursor, the National Advisory Committee for Aeronautics (NACA), comprise Record Group 255 of the National Archives and Records Administration (NARA). The bulk of the records pertaining to Langley are held at the Philadelphia facility of NARA. Records pertaining to the Scout satellite launch vehicle system are held at the Georgia facility of NARA. Both sets are described in this guide. The collection contains records pertaining to all aspects of Langley's administration and aerospace research and development activities, including design and testing; accident investigations; reporting; correspondence, memoranda, and other communications; operations; and collaboration with other government agencies and private industry.

Administrative Information

Access:

Collection is open for research. Access to some records may be restricted due to their national security classification status.

Publication Rights:

Copyright does not apply to United States government records. For non-governmental material, researcher must contact the original creator.

Preferred Citation:

[Identification of record item]; [File unit]; [Series]; [Subgroup]; Record Group 255. National Archives and Records Administration, Philadelphia, Pennsylvania.

Acquisition Information:

Transferred from NACA Langley Memorial Aeronautical Laboratory and NASA Langley Research Center.

Administrative History

The National Advisory Committee for Aeronautics (NACA), the precursor organization to the National Aeronautics and Space Administration (NASA), was created by an act of Congress on March 3, 1915 "to supervise and direct the scientific study of the problems of flight with a view to their practical solution, and to determine the problems which should be experimentally attacked, and to discuss their solution and their application to practical questions" (Public Law 271, 1915). The principal activities of the Committee were the scientific study of flight and aeronautical research and experimentation. Committee membership included the Chairman of the Research and Development Board of the Department of Defense and representatives from the Departments of the Air Force and Navy, the Civil Aeronautics Authority, the Smithsonian Institution, the U.S. Weather Bureau, and the National Bureau of Standards.

The NACA selected Langley Field, a U.S. Army airfield in the Tidewater region of Virginia (now Hampton, Virginia) as the site of its first laboratory, the Langley Memorial Aeronautical Laboratory (also referred to as Langley Aeronautical Laboratory, Langley Laboratory, and Langley). Construction began on July 17, 1917, but completion was slowed by the nation's mobilization for World War I and the difficulty of construction on the site's marshy terrain. When formal dedication of the laboratory took place on June 11, 1920, Langley consisted of just four facilities: an administration building, a warehouse, a dynamometer lab, and an atmospheric wind tunnel called NACA Wind Tunnel No. 1. During this decade, the laboratory grew and added research facilities, including the Variable Density Tunnel (called NACA Wind Tunnel No. 2, the world's first pressurized wind tunnel, 1922), the Propeller Research Tunnel (1927), the 7 x 10-foot Atmospheric Wind Tunnel (1930), the 5-foot Vertical Wind Tunnel (1931), and the 30 x 60-foot Full Scale Tunnel (the world's first full-scale tunnel, 1931). By the early 1930s, Langley was considered to be the world's premier aeronautics research facility (Bilstein, 1989). The laboratory focused on solving aircraft design problems using empirical research. By performing systematic tests of airfoils, tails, body shapes, propulsion systems, and other aircraft characteristics in its impressive collection of wind tunnels and in flight, the laboratory steadily advanced aircraft performance and high-speed research. Research at Langley "established many of the basic building blocks of aeronautics, changed the shape of aircraft and helped allow jets to fly at supersonic speeds" (Langley Research Center, 2011).

As the NACA expanded in the following decade, the organization drew from Langley's technical and management expertise. Langley personnel were sent to staff Ames Aeronautical Laboratory near Sunnyvale, California, which broke ground in 1939, as well as the Aircraft Engine Research Laboratory in Cleveland, Ohio, which was dedicated in 1940 (renamed Flight Propulsion Research Laboratory in 1947, then Lewis Research Center in 1948 in honor of former NACA Director of Aeronautical research George Lewis, and ultimately renamed John H. Glenn Research Center in 1999 after the astronaut). In 1943, Langley embarked on rocket research, which led to the establishment in 1945 of a specialized rocket research facility nearby, called the Wallops Flight Center. From 1946 through 1954 Langley managed an outpost for flight testing and research in Muroc, California, first called

NACA Muroc Flight Test Unit, then renamed the NACA High Speed Flight Research Station in 1949, and ultimately called NASA Dryden Flight Research Center in honor of distinguished aeronautical engineer Hugh L. Dryden.

Throughout Langley's NACA days the center was directed by two men, called engineers-incharge: Leigh M. Griffith (1923-1925) and Henry J. E. Reid (1926-1958). Reid's tenure directing the center spanned the NACA and NASA eras, ending in 1960.

With the passage of the National Aeronautics and Space Act of 1958, the NACA was terminated and its functions and records transferred to NASA. As part of NASA, the center was renamed NASA Langley Research Center (LaRC). While aeronautics remained a focus, Langley research efforts turned toward spaceflight and facilitating human and robotic exploration of space. The Space Task Group, which formed at Langley in 1958, supervised the country's early manned spaceflight efforts until 1961, when responsibility for those efforts moved to the newly-constructed Manned Spacecraft Center in Houston. In 1959, the center launched and managed Project Mercury, the country's initial human spaceflight program, which put the first American into Earth's orbit. As the nation's space program matured, Langley employed its collection of wind tunnels to study launch configurations and spacecraft, trained early astronauts, and conceived of the lunar-orbit rendezvous concept to land the first men on the moon. The center managed the Viking missions to Mars in the 1970s, which produced the first high-resolution images of the planet and greatly advanced our knowledge of the structure and composition of its surface and atmosphere. Following Alfred J. Eggers' conception of lifting bodies in 1957, the center participated in NASA's lifting body research, which advanced the first designs of the wingless, reusable, reentry spacecraft that formed the basis for the Space Shuttle.

As a NASA research center from 1958 to the present, Langley has been headed by ten directors: Henry J. E. Reid (1958-1960), Floyd L. Thompson (1960-1968), Edgar M. Cortright (1968-1975), Donald P. Hearth (1975-1984), Richard H. Petersen (1984-1991), Paul F. Holloway (1991-1996), Jeremiah F. Creedon (1996-2002), Delma C. Freeman, Jr. (Acting, 2002-2003), Roy D. Bridges (2003-2005), and Lesa B. Roe (2005-present).

Sources Consulted

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http://www.centennialofflight.gov/essay/Evolution_of_Technology/NACA/Tech1.htm Dryden Flight Research Center. Lifting bodies. Retrieved June 11, 2012 from

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- H.R. 20975, U.S. Congress, Congressional Record, 63/3, 1915, pp. 4600-26, 4694-716, 5209-16.
- Langley Research Center. 2011. Retrieved June 7, 2012 from http://www.nasa.gov/centers/langley/about/history.html
- Wallops Flight Facility. Wallops history. Retrieved June 11, 2012 from http://www.nasa.gov/centers/wallops/about/history.html

Scope and Content

This collection of records pertaining to the Langley Research Center in Hampton, Virginia (approx. 716 linear feet) documents nearly eight decades of the center's operations, management, and technical activities. The bulk of the material is declassified, although some records remain restricted.

Series I is comprised of project correspondence files spanning from 1944 to 1973. Included are records pertaining to Langley's involvement in aerospace research such as the design, development, and testing (flight and wind tunnel) of jet aircraft, experimental aircraft, rocketry, space capsules, satellites, and lifting bodies.

Series II contains official subject correspondence files spanning sixty years, from 1918 to 1978. The files include the broad variety of information generated, exchanged, and stored by center managers and technical personnel in the course of their research, as well as development, fiscal, administrative, and other business.

Series III contains copies of subject correspondence files found in Series II.

Series IV consists of copies of the center newsletter (appearing under various names over the years), from 1942 through 1996.

Series V consists of management files accumulated by former center directors Richard H. Petersen (1984-1991) and Paul F. Holloway (1991-1996).

Series VI contains nearly four decades of project and other records related to the Scout (Solid Controlled Orbital Utility Test system, or NASA SCOUT) satellite launch vehicle system, from 1956-1995. (These records are housed at NARA's facilities in Atlanta, Georgia.)

Series VII includes personnel files for temporary work performed by skilled contractors such as scholars and engineers from 1989 through 1995.

System of Arrangement

The collection is arranged into seven series:

- I. Project Correspondence Files, 1944-1973
- II. Subject Correspondence Files, 1918-1978
- III. Microfilm Copies of Subject Correspondence Files, 1920-1984
- IV. Newsletters and Publications, 1942-1996

V. Management Files, 1980-1996
VI. Office Records of the Scout Project, 1956-1995
VII. Intergovernmental Personnel Act, 1993-1995 and Personnel Mobility Agreements, 1989-1991

Series I is arranged alphabetically by project name and thereunder in reverse chronological order. Series II is arranged alpha-numerically in reverse chronological order. Series III is in numerical order. Series IV is arranged chronologically by date of publication. Series V is organized by subject. Arrangement of Series VI to VII was not recorded in the original finding aid.

Series Descriptions

Series I: Project Correspondence Files, 1944-1973, 178 LTA-1 containers.

This series contains record files of official correspondence pertaining to specific NASA projects, which were kept by the Langley Research Center. Correspondence records here and in Series II and III reflect the organizational methods regarding the written communications of the NACA Langley Memorial Aeronautical Laboratory and NASA Langley Research Center. During the NACA days, copies of all letters, incoming and outgoing, were made for central files. (All outgoing correspondence was reviewed and revised up through the division level until sanctioned in its final form by the office of the chief of research; then it was signed by the engineer-in-charge. All incoming letters were opened and copied by mail clerks before being routed to addressees.) Copies of correspondence were placed into one or more subject files, which were arranged according to an alphanumeric code unique to Langley (see the Related Material section of this guide for access to a PDF version of the document). Within each subject, papers were arranged by date.

This series provides researchers with an in-depth look at the Langley Research Center when it was the premier aeronautical and aerospace facility in the world. The records in this series cover Langley's valuable contributions, in terms of scientific knowledge and use of Langley facilities, in the fields of supersonic and hypersonic jet flight; satellite development in the commercial and scientific sectors; rocket and missile development for military and civilian use; and NASA's space flight program, to name a few examples.

The largest project files here deal with the D-558 Douglas Skyrocket (and its off shoots, the D-558-I and the D-558-II--the first plane ever to reach Mach 2; the Dyna-Soar (an early precursor to the Space Shuttle); the Mercury and Gemini space programs; and the X-1, X-2, and X-15 experimental flight testing programs which allowed NASA to explore the supersonic, thermal, and hypersonic flight regimes, respectively.

Researchers should note that frequent use of Langley's wind tunnels during the development and pre-flight testing of early missiles, jet planes, and spacecraft are a dominant feature in this series. Another item of interest for researchers is the periodic status reports sent from Edwards Air Force base in California to Langley concerning experimental flight test programs. The official status report of Chuck Yeager's historic first supersonic flight in the X-1 can be found in the X-1 (FCR) file. The accident report of Milburn Apt's fatal X-2 flight where he flew at Mach 3 can be found in the X-2 file. A letter personally autographed by the late NASA astronaut Donald K. "Deke" Slayton can be found in the Skylab project file. The names of many famous pilots and astronauts can be found in this series: Neil Armstrong, Chuck Yeager, and Scott Crossfield, to name a few.

The records in this series are textual, photographic, and graphic in form. Textual records will consist mostly of, but will not be restricted to, status reports on NASA projects, internal memos, proposals for experiments, flight tests, wind tunnel tests, and official papers on NASA programs. Photographic records consist mainly of pictures of various types of aircraft and spacecraft, layouts of airplane cockpits, accident wreckage, displays of new pressure suits and equipment. Graphic records will deal primarily with telemetry data from various NASA flight-test programs dealing with aircraft, rockets, and missiles; wind tunnel charts; and diagrams of aircraft.

The records are arranged alphabetically by project name and thereunder in reverse chronological order. The container list includes project name, date of files, box number, and shelf location of the files.

This series contains both unclassified and formerly classified material. All recently declassified materials in this series will have "F.C.R.," which stands for formerly classified records, written on the folders.

Series II: Subject Correspondence Files, 1918-1978, 869 LTA-S containers.

This series contains the central correspondence files of the Langley Research Center. The scope of these files is much broader than in Series I. Researchers will find a greater variety of information in these files. Series II consists of textual, photographic, and graphic records. The subject correspondence records may feature photographs, telemetry data on rockets and aircraft, routine correspondence, annual reports on flight test programs, research papers on aeronautical phenomena, accident reports on plane crashes at Langley and other NASA facilities, trips taken by Langley's top scientists and directors.

Most files in this series are coded according to the following list. There are other file codes in this series, but those listed here correspond to the vast majority of the records here. (A General Files Numerical Subject Code Book, which lists all of Langley's numerical subject codes, is available as a supplemental finding aid. See the Related Material section of this guide for access to a PDF version of the document.)

File Code "A" concerns aircraft and helicopter development. The files deal with aircraft, engine, and wing designs, aircraft companies, equipment, meteorological problems encountered in flight.

File Code "B" contains correspondence Langley sent to and received from its sister facilities in NASA and other government organizations throughout the United States.

File Code "C" deals with Langley's internal matters such as personnel, hiring policies, budget concerns, construction of new facilities, occupational concerns, employee morale, to name a few.

File Code "E" deals with Langley's managerial structures, processes, and decisionmaking mechanisms; also included are files concerning visits by domestic and foreign dignitaries, as well as individual files kept on Langley's most prominent scientists and directors.

File Code "AA" concerns Langley's relations with private companies.

File Code "H" pertains to Langley's research of Hydrodynamic phenomena, i.e., the study of the dynamics of fluids, especially incompressible fluids in motion.

File Code "P" deals with Langley's research in propulsion systems and power plants in aircraft.

File Code "T" deals with Langley's research in aircraft instrumentation.

The records in this series are arranged alpha numerically in reverse chronological order. The container list includes the file code, subject matter, dates, and box numbers of the files. Full entries of abbreviated subject names are footnoted for most listings.

This series contains both unclassified and formerly classified material. All recently declassified materials in this series will have "F.C.R.," which stands for formerly classified records, written on the folders.

Series III: Microfilm Copies of Subject Correspondence Files, 1920-1984, 388 MIC-B containers.

This series contains microform copies of Langley's subject correspondence files dated from 1920 to 1984. Materials in Boxes 79 and 80 contain classified material. (Note: There are no roll #'s 199-200.)

An index, file codes, numerical codebook, and roll report are available as supplemental finding aids (see the Related Material section of this guide for access to a PDF version of the document).

Series IV: Newsletters and Publications, 1942-1996, 8 LTA-1 containers.

The center's newsletter began as a weekly news bulletin from the Public Affairs Office containing information pertinent to the Langley Research Center employees. Although it remained constant in style, the title changed several times: *LMAL Bulletin*, 11/30/1942-

11/24/1944; *Air Scoop*, 12/01/1944-09/14/1962; *The Langley Researcher*, 09/28/1962-07/03/1987; and *The Researcher News*, 07/17/1987-1996. World War II era publications describe patriotic wartime efforts and bond drives. Issues include articles about Langley Projects, developments in space exploration and aeronautical technology, and training. There are also features (some with photographs) relating to the Mercury and Apollo missions and the Space Shuttle Challenger disaster. The publications sometimes include official memorandums from the Langley Field Director and various government officials, and world news items. Many editions offer sports and entertainment news, engagement and wedding announcements, and bulletins regarding retirements and deaths. With the exception of a few missing issues, the collection is complete.

This series is arranged chronologically by date of publication.

Series V: Management Files, 1980-1996, 29 FRC-S containers.

This series consists of management files kept by Langley center directors Richard H. Petersen and Paul F. Holloway. The files consist of senior staff meeting notes, OAST Management Council records, records of the reorganization of the Langley Research Center in 1994, appointment books, presentations, and monthly senior management meeting records.

Series VI: Office Records of the Scout Project, 1956-1995, 214 containers.

This series consists of reports and other records of the NASA SCOUT Project. The records consist primarily of specifications, design information releases, correspondence, procedures, manuals, reports, investigations, log books, photographs, and various studies and test result papers dealing with rockets and satellites. Many of the reports concern different systems relating to the SCOUT project and there exist a number of preliminary, pre-flight and final flight reports. Most of the work occurred at the Langley Research Center in Hampton, Virginia but there are also financial and operational records relating to the San Marco test site near Malindi, Kenya.

(Note: All NASA Scout records were sent to the National Archives at Atlanta, Georgia).

Series VII: Intergovernmental Personnel Act, 1993-1995 and Personnel Mobility Agreements, 1989-1991, 1 FRC-S container.

This series consists of Intergovernmental Personnel Act (IPA) and Personnel Mobility Agreements (PMA) entered into by the NASA Langley Research Center in Hampton, Virginia. The records were kept for scholars and engineers and other skilled personnel who were hired by the Langley Research Center for temporary duty in affiliation from various colleges and universities in Virginia and other areas. The IPAs and PMAs list the following information: employee's name, address, personal background, positions held, fiscal obligations, any conflicts of interest, letters of recommendation, and how their travel expenses or allowances would be covered (either by NASA or by the affiliated university). Access restrictions apply to records containing personally identifiable information.

Indexing Terms

The following terms may be used to index this collection.

<u>Corporate Name</u> Langley Aeronautical Laboratory Langley Research Center United States. National Advisory Committee for Aeronautics United States. National Aeronautics and Space Administration

<u>Geographic Name</u> Langley Field (Va.)

<u>Subjects</u> Aerospace engineering Aeronautical engineering

Related Material

Historical Archives at NASA Dryden Flight Research Facility History Office

Historical Archives at NASA Langley Research Center

Original NARA Finding Aid for This Collection (rg255_langley_ORIG.pdf, 438 KB)

Supplemental Finding Aids

Aircraft Numbers (rg255_langley_aircraftnumbers.pdf, 823 KB)

Langley File Codes (rg255_langley_series2_filecodes.pdf, 2.2 MB)

Langley General Files Numerical Subject Code Book (rg255_langley_series2_filecodes_numericalsubj.pdf, 4.9 MB)

Roll Report for Series III: Microfilm Copies of Subject Correspondence Files, 1920-1984 (Rolls 001-01 to 191-05) (rg255_langley_series3_microfilm_10f2.pdf, 7.1 MB)

Roll Report for Series III: Microfilm Copies of Subject Correspondence Files, 1920-1984 (Rolls 191-06 to 390-15) (rg255_langley_series3_microfilm_2of2.pdf, 7.1 MB)

Container List

Project Name	Date	Box	Location	
Able	1958-1966	1	N-01-01-01-01	
Aerobee-Hi Missile	1954-1962	1	N-01-01-01-01	
Aerobee	1954	1	N-01-01-01-01	
Agena	1961-1968	1	N-01-01-01-01	
Agena	1962-1966	1	N-01-01-01-01	
Arbalist	1962	1	N-01-01-01-01	
Arcon Rockets	06/58-1959	1	N-01-01-01-01	
Arcon	1958	1	N-01-01-01-01	
Asroc Missile	1958-1959	1	N-01-01-01-01	
Asroc	1958-1959	1	N-01-01-01-01	
Asset Project	1961-12/65	1	N-01-01-01-01	
		177A	D-09-05-07-3 to I	D-09-05-07-3
Asset Project	1963-1965	2	N-01-01-01-02	
Atlas	1953-1959	2	N-01-01-01-02	
Atlas	1951-1959	2	N-01-01-01-02	
B-45 Airplane	1952	2-3	N-01-01-01-02 to	N-01-01-01-03
Bazooka Missile	1951-1952	3	D-08-04-01-1	D-08-04-01-1
Beacon	1960-1963	3	D-08-04-01-1	D-08-04-01-1
Beacon	1961	3	D-08-04-01-1	D-08-04-01-1
Big Joe	1959-1961	3	D-08-04-01-1	D-08-04-01-1
Big Shot	1960	4	D-08-04-01-2	D-08-04-01-2
Big Shot	1960	4	D-08-04-01-2	D-08-04-01-2
(Project) Bios	1962	4	D-08-04-01-2	D-08-04-01-2
Blue Scout	1961-1962	4	D-08-04-01-2	D-08-04-01-2
Blue Scout	1962	4	D-08-04-01-2	D-08-04-01-2
Bomarc Missile	07/54-1959	4	D-08-04-01-2	D-08-04-01-2
Bomarc Missile	1954-06/59	4	D-08-04-01-2	D-08-04-01-2
Brass Bell	1956-1957	4	D-08-04-01-2	D-08-04-01-2
Bullpup	1954-1955	4	D-08-04-01-2	D-08-04-01-2
Bullpup	1954-1959	4-5	D-08-04-01-2	D-08-04-01-2
Cajun Rocket	1957-1964	5	D-08-04-01-2	D-08-04-01-2
Cajun	1957-1958	5	D-08-04-01-2	D-08-04-01-2
Carrier Missile Project	12/1951	5	D-08-04-01-2	D-08-04-01-2
Cherokee	1959-1960	5	D-08-04-01-2	D-08-04-01-2
Cherokee Rocket	1959	5	D-08-04-01-2	D-08-04-01-2
(Project) Cluster	1962	5	D-08-04-01-2	D-08-04-01-2
Condor	1964	5	D-08-04-01-2	D-08-04-01-2
Condor	1964	5	D-08-04-01-2	D-08-04-01-2
Corvus	1957-1960	5	D-08-04-01-2	D-08-04-01-2
Corvus	1957-1960	6	D-08-04-01-2	D-08-04-01-2
CV-240	1953-1956	6	D-08-04-01-2	D-08-04-01-2
D-7 Missile	1957	6	D-08-04-01-2	D-08-04-01-2
D-21	1967	6	D-08-04-01-2	D-08-04-01-2

Series I: Project Correspondence Files, 1944-1973, 178 LTA-1 containers.

D-61 Rocket	1959-1967	7	D-08-04-01-3	D-08-04-01-3
D-558	1944-1958	7-12	D-08-04-01-3	D-08-04-01-5
D-558-I	1948-01/53	12	D-08-04-01-5	D-08-04-01-5
D-558-II	1948-04/56	12-13	D-08-04-01-5	D-08-04-01-5
Dart Missile	1954	14	D-08-04-01-5	D-08-04-01-5
Davy Crockett	04/58-1962	14	D-08-04-01-5	D-08-04-01-5
Davy Crockett	1958-1961	14	D-08-04-01-5	D-08-04-01-5
Deacon	1951-1957	14	D-08-04-01-5	D-08-04-01-5
Deacon Rocket Missile	1951-1955	14	D-08-04-01-5	D-08-04-01-5
Dove Missile Project	1951-1954	14	D-08-04-01-5	D-08-04-01-5
Drone Missile	1958	14	D-08-04-01-5	D-08-04-01-5
Dyna-Soar Project	11/56-1973	14-19	D-08-04-01-5	D-08-04-02-1
Dyna-Soar	11/60-1962	19-23	D-08-04-02-1	D-08-04-02-3
Echo	1959-1969	23-26	D-08-04-02-3	D-08-04-02-4
Echo	1959-1960	27	D-08-04-02-4	D-08-04-02-4
Edwards Project	1948-1954	27	D-08-04-02-4	D-08-04-02-4
(Project) Excelsior	1960	27	D-08-04-02-4	D-08-04-02-4
Exos Rocket	1958-1959	27	D-08-04-02-4	D-08-04-02-4
F-12	02/44-1955	27	D-08-04-02-4	D-08-04-02-4
F-29 Missile	01/1952	27	D-08-04-02-4	D-08-04-02-4
F-84	10/53-12/53	27	D-08-04-02-4	D-08-04-02-4
F-100	01/61-12/64	28	D-08-04-02-5	D-08-04-02-5
F-111	08/63-1965	28	D-08-04-02-5	D-08-04-02-5
F-111	08/63-1965	29	D-08-04-02-5	D-08-04-02-5
Falcon	1948-1962	29	D-08-04-02-5	D-08-04-02-5
Falcon	1948-1962	30-31	D-08-04-02-5	D-08-04-02-6
Fire	1961-06/65	31-36	D-08-04-02-5	D-08-04-03-2
Fire	1961-1969	37	D-08-04-03-2	D-08-04-03-2
(Project) Fleep	1968	37	D-08-04-03-2	D-08-04-03-2
(Project) Forecast	1964-1965	37	D-08-04-03-2	D-08-04-03-2
Forecast	1964-1965	37	D-08-04-03-2	D-08-04-03-2
Gemini	01/62-08/69	37-44	D-08-04-03-2	D-08-04-03-5
Gemini	1962-1967	44-47	D-08-04-03-5	D-08-04-03-6
Genesis Project	1964	47	D-08-04-03-6	D-08-04-03-6
Geos Satellite	1966-1968	47	D-08-04-03-6	D-08-04-03-6
Gimlet Missile	1957-1958	47	D-08-04-03-6	D-08-04-03-6
Gorgan Missile	1951-1955	47	D-08-04-03-6	D-08-04-03-6
Hasp Project	12/59-04/65	47	D-08-04-03-6	D-08-04-03-6
Hermes Project	1950-1956	47-48	D-08-04-03-6	D-08-04-03-6
High Range	1956-1958	49	D-08-04-04-1	D-08-04-01-1
(Project) High Range	1956	49	D-08-04-04-1	D-08-04-04-1
(Project) High Water	1962	50	D-08-04-04-1	D-08-04-04-1
(Project) Hitchhike	1962	50	D-08-04-04-1	D-08-04-04-1
Homing Missile	07/51-1954	50	D-08-04-04-1	D-08-04-04-1
Hugo Project	1958-1960	50	D-08-04-04-1	D-08-04-04-1
(Project) Imp	10/67-1972	50	D-08-04-04-1	D-08-04-04-1
Iris Missile	07/58-1959	50 50	D-08-04-04-1	D-08-04-04-1
Jason Project	1958-1962	50 50	D-08-04-04-1	D-08-04-04-1
Jason	1958-1962	50 50	D-08-04-04-1	D-08-04-04-1
505011	1750-1702	50	D-00-0 -1 -1	D-00-0 - -0 - -1

Jato Missile	08/51-04/60	50	D-08-04-04-1	D-08-04-04-1
Jato Missile	06/51-04/60	51	D-08-04-04-1	D-08-04-04-1
Journeyman Rocket	1959-1963	51	D-08-04-04-1	D-08-04-04-1
Juno Missile	1959-1961	51	D-08-04-04-1	D-08-04-04-1
Juno	1959-1961	51	D-08-04-04-1	D-08-04-04-1
Jupiter	1956-1957	51	D-08-04-04-1	D-08-04-04-1
Jupiter Missile	1956-1967	52	D-08-04-04-2	D-08-04-04-2
La Crosse	1957-1960	52	D-08-04-04-2	D-08-04-04-2
La Crosse Missile	06/57-1960	52	D-08-04-04-2	D-08-04-04-2
(Project) Lapdog	1962	52	D-08-04-04-2	D-08-04-04-2
Lark Missile	1954	52	D-08-04-04-2	D-08-04-04-2
Lark	1954	52	D-08-04-04-2	D-08-04-04-2
(Project) Light	1966	52	D-08-04-04-2	D-08-04-04-2
(Project) Lightening	1960-1962	52	D-08-04-04-2	D-08-04-04-2
Little Boom Project	1960	52	D-08-04-04-2	D-08-04-04-2
Little Boom	1960	52	D-08-04-04-2	D-08-04-04-2
(Project) Little Hickory	1956-1959	52	D-08-04-04-2	D-08-04-04-2
Little Joe	09/59-12/67	52-54	D-08-04-04-2	D-08-04-02-2
Little Joe	1959-1965	54	D-08-04-04-2	D-08-04-04-2
Little John	1960	55	D-08-04-04-3	D-08-04-04-3
(Project) Live	1960	55	D-08-04-04-3	D-08-04-04-3
(Project) Loft	1969	55	D-08-04-04-3	D-08-04-04-3
Loki	1959	55	D-08-04-04-3	D-08-04-04-3
LRC Projects	55-59	D-08-04-0		
Lunar Orbiter	n.d.	177A	D-09-05-07-3	D-09-05-07-3
M-199B	1958-1959	59	D-08-04-04-4	D-08-04-04-4
M-199B	1959	59	D-08-04-04-4	D-08-04-04-4
MX-1179	1952	59	D-08-04-04-4	D-08-04-04-4
MX-1554	1952	59	D-08-04-04-4	D-08-04-04-4
MX-1626	n.d.	59	D-08-04-04-4	D-08-04-04-4
MX-1965	1952-1954	59	D-08-04-04-4	D-08-08-04-4
(Project) Mailbuoy	1962	59	D-08-04-04-4	D-08-04-04-4
(Project) Mainstory	1962	59 59	D-08-04-04-4	D-08-04-04-4
Mark Missile	1954-1962	59	D-08-04-04-4	D-08-04-04-4
Mark Missile	1954-1962	60	D-08-04-04-4	D-08-04-04-4
Matador Missile	1952-1958	60 60	D-08-04-04-5	D-08-04-04-5
Matador Missile		60 60	D-08-04-04-5	D-08-04-04-5
	1952-1959			
Mauler Missile	1958-1959	60 60 (7	D-08-04-04-5	D-08-04-04-5
Mercury	1958-1968	60-67	D-08-04-04-5	D-08-04-05-1
Mercury	1958-1963	67-69	D-08-04-05-1	D-08-04-05-2
Meters	1953-12/63	69-71	D-08-04-05-2	D-08-04-05-3
Meters	1953-1964	71	D-08-04-05-3	D-08-04-05-3
Meters Explorer	01/64-12/65	72	D-08-04-05-3	D-08-04-05-3
Miros Project	1963	72	D-08-04-05-3	D-08-04-05-3
(Project) Mohole	07/1960	72	D-08-04-05-3	D-08-04-05-3
Moby Dick	1966-1967	72	D-08-04-05-3	D-08-04-05-3
Navaho Missile	09/51-1958	72	D-08-04-05-3	D-08-04-05-3
Needles Project	1959-1960	72	D-08-04-05-3	D-08-04-05-3
(Project) Nerv	1960-1965	73	D-08-04-05-4	D-08-04-05-4

Nike Ajax	1961-1964	73	D-08-04-05-4	D-08-04-05-4
Nike Cajun	1956-1969	73	D-08-04-05-4	D-08-04-05-4
Nike Hercules	1958-1959	73	D-08-04-05-4	D-08-04-05-4
Nike Hercules	1958-1962	73	D-08-04-05-4	D-08-04-05-4
Nike Zeus	1958-1964	73	D-08-04-05-4	D-08-04-05-4
Nike Zeus	1958-1961	73	D-08-04-05-4	D-08-04-05-4
Nimbus	1961-12/73	74	D-08-04-05-4	D-08-04-05-4
Nimbus	1960-1969	74	D-08-04-05-4	D-08-04-05-4
Nova	1961-1964	74	D-08-04-05-4	D-08-04-05-4
Nova	1961-1963	74	D-08-04-05-4	D-08-04-05-4
Ogo Project	1964-1969	75	D-08-04-05-4	D-08-04-05-4
Omar Missile	n.d.	75	D-08-04-05-4	D-08-04-05-4
Oriole	1958-1959	75	D-08-04-05-4	D-08-04-05-4
Oriole Missile	1954-1958	75	D-08-04-05-4	D-08-04-05-4
(Project) Orion	07/1961	75	D-08-04-05-4	D-08-04-05-4
(Project) Owl	02/65-1968	75	D-08-04-05-4	D-08-04-05-4
Owl	1965	75	D-08-04-05-4	D-08-04-05-4
P-21	1962	75	D-08-04-05-4	D-08-04-05-4
Pacemaker	1965-1971	75	D-08-04-05-4	D-08-04-05-4
Pegasus	1964-1969	76	D-08-04-05-5	D-08-04-05-5
Pentomic	1958-1959	76	D-08-04-05-5	D-08-04-05-5
Pentomic	1958-1959	76	D-08-04-05-5	D-08-04-05-5
Pershing Missile	1958-1965	77	D-08-04-05-5	D-08-04-05-5
Pershing	1958-1960	77	D-08-04-05-5	D-08-04-05-5
Pet R.	1958	77	D-08-04-05-5	D-08-04-05-5
Phoenix Missile	1963-1964	77	D-08-04-05-5	D-08-04-05-5
Pilgrim Project	1965	77	D-08-04-05-5	D-08-04-05-5
Pioneer	01/59-12/67	77	D-08-04-05-5	D-08-04-05-5
Pioneer	1965	77	D-08-04-05-5	D-08-04-05-5
Plato Missile	1956	77	D-08-04-05-5	D-08-04-05-5
Pluto	1961-1962	77	D-08-04-05-5	D-08-04-05-5
Pluto	01/61-1962	77	D-08-04-05-5	D-08-04-05-5
Polaris	1957-1969	77-78	D-08-04-05-5	D-08-04-05-5
Polaris	1957-1963	78-79	D-08-04-05-5	D-08-04-05-6
Polcat Missile	1961-1962	79	D-08-04-05-6	D-08-04-05-6
(Project) Prestage	1966	80	D-08-04-05-6	D-08-04-05-6
Prestage	1966	80	D-08-04-05-6	D-08-04-05-6
Project 60	1962-1964	80	D-08-04-05-6	D-08-04-05-6
Project 70	1965	80	D-08-04-05-6	D-08-04-05-6
(Project) Quickturn	1968	80	D-08-04-05-6	D-08-04-05-6
(Project) Race	1962-1963	80	D-08-04-05-6	D-08-04-05-6
Rascal Missile	1948-1959	80	D-08-04-05-6	D-08-04-05-6
Rascal	1950-1955	80	D-08-04-05-6	D-08-04-05-6
(Project) Rebound	1961-12/62	80	D-08-04-05-6	D-08-04-05-6
Recruit Missile	1960-1963	80	D-08-04-05-6	D-08-04-05-6
Recruit	1956-1962	80	D-08-04-05-6	D-08-04-05-6
Redhead Roadrunner	1950-1962	80 80	D-08-04-05-6	D-08-04-05-6
Redstone Missile	1958-1959	80 80	D-08-04-05-6	D-08-04-05-6
Regulus Missile	1958-1959	80 80	D-08-04-05-6	D-08-04-05-6
regulus milolie	1757-1750	00	D-00-0 - -0 <i>J</i> -0	D-00-07-0J-0

Regulus Missile	1953-12/58	81	D-08-04-06-1	D-08-04-06-1
(Project) Relay	1963-1965	81	D-08-04-06-1	D-08-04-06-1
Rigel Missile	01/1954	81	D-08-04-06-1	D-08-04-06-1
Rigel Missile	01/51-12/54	82	D-08-04-06-1	D-08-04-06-1
Rise Project	1958	82	D-08-04-06-1	D-08-04-06-1
Robo	1956-1957	82	D-08-04-06-1	D-08-04-06-1
(Project) Roe	1962	82	D-08-04-06-1	D-08-04-06-1
Rover	1960-1965	82	D-08-04-06-1	D-08-04-06-1
RVX-2	1961-1964	82	D-08-04-06-1	D-08-04-06-1
RVX-2	1961-1964	82	D-08-04-06-1	D-08-04-06-1
S-16	1962	82	D-08-04-06-1	D-08-04-06-1
S-17	1962	82	D-08-04-06-1	D-08-04-06-1
S-50	1962-1963	82	D-08-04-06-1	D-08-04-06-1
S-51	01/1960	82	D-08-04-06-1	D-08-04-06-1
S-52	01/61-1964	82	D-08-04-06-1	D-08-04-06-1
S-52	07/1961	82	D-08-04-06-1	D-08-04-06-1
S-57	1963	83	D-08-04-06-1	D-08-04-06-1
S-66	1962-1965	83	D-08-04-06-1	D-08-04-06-1
S-66	1962-1965	83	D-08-04-06-1	D-08-04-06-1
(Project) Sail	1962	83	D-08-04-06-1	D-08-04-06-1
Saint	1960	83	D-08-04-06-1	D-08-04-06-1
Samos	1960-1963	83	D-08-04-06-1	D-08-04-06-1
Samos	1960-1961	83	D-08-04-06-1	D-08-04-06-1
(Project) Scanner	1963-1968	83	D-08-04-06-1	D-08-04-06-1
(Project) Scout	1958-1963	84-91	D-08-04-06-2	D-08-04-06-4
Scout	1959-1964	91	D-08-04-06-4	D-08-04-06-4
Sergeant	1958-01/62	92	D-08-04-06-5	D-08-04-06-5
Sergeant Missile	1957-1961	92	D-08-04-06-5	D-08-04-06-5
SGM Missile	03/1958	92	D-08-04-06-5	D-08-04-06-5
Shotput	03/60-1965	92-93	D-08-04-06-5	D-08-04-06-5
Shotput	1960-1962	93	D-08-04-06-5	D-08-04-06-5
Sidewinder	1954-1971	93	D-08-04-06-5	D-08-04-06-5
Sidewinder	1952-1963	93-94	D-08-04-06-5	D-08-04-06-5
Silent Joe	1968	94	D-08-04-06-5	D-08-04-06-5
Sky Bolt	1960-1962	94	D-08-04-06-5	D-08-04-06-5
Skybolt	01/60-1961	94	D-08-04-06-5	D-08-04-06-5
Skylab	01/65-12/67	94-95	D-08-04-06-5	D-08-04-06-6
(Project) Slam	01/61-1964	95	D-08-04-06-6	D-08-04-06-6
Slam	1961-1964	95 95	D-08-04-06-6	D-08-04-06-6
SLV-1B	1965	96	D-08-04-06-6	D-08-04-06-6
Snark Missile	1952-1960	96	D-08-04-06-6	D-08-04-06-6
SOCS Project	1963-1965	96	D-08-04-06-6	D-08-04-06-6
Space Shuttle	05/69-12/70	96-98	D-08-04-06-6	D-08-04-07-1
Space Shuttle Sparrow Missile	01/57-02/59	90-98 98	D-08-04-07-1	D-08-04-07-1
Sparrow Missile	07/51-1959	98-99	D-08-04-07-1	D-08-04-07-1
	1964-1968	98-99 99	D-08-04-07-1 D-08-04-07-1	D-08-04-07-1 D-08-04-07-1
Sprint Sprint Missile	1964-1968	99 99	D-08-04-07-1 D-08-04-07-1	D-08-04-07-1 D-08-04-07-1
SR-126	1904-1908	99 99	D-08-04-07-1 D-08-04-07-1	D-08-04-07-1 D-08-04-07-1
SR-120 SR-149	1959	99 99	D-08-04-07-1 D-08-04-07-1	D-08-04-07-1 D-08-04-07-1
511+7	1750	<u>,,,</u>	D-00-04-0/-1	D-00-04-0/-1

SR-170	1958-1959	99	D-08-04-07-1	D-08-04-07-1
SR-175	1959	99	D-08-04-07-1	D-08-04-07-1
SR-178	1961	99	D-08-04-07-1	D-08-04-07-1
SR 79814	1961	99	D-08-04-07-1	D-08-04-07-1
SR-79821	1961	99	D-08-04-07-1	D-08-04-07-1
SR-79825	1964	99	D-08-04-07-1	D-08-04-07-1
Start Project	1964-1965	99	D-08-04-07-1	D-08-04-07-1
Start Project	1964-1965	100	D-08-04-07-2	D-08-04-07-2
Strongarm Project	1961	100	D-08-04-07-2	D-08-04-07-2
Sunblazer	1965-1969	100	D-08-04-07-2	D-08-04-07-2
Sunflower Project	01/60-1965	100	D-08-04-07-2	D-08-04-07-2
Sunflower	1960	100	D-08-04-07-2	D-08-04-07-2
(Project) Super	1967	100	D-08-04-07-2	D-08-04-07-2
SV-5	1964-1967	101	D-08-04-07-2	D-08-04-07-2
SV-5	1964-1967	101	D-08-04-07-2	D-08-04-07-2
Swallow	1958-1966	101	D-08-04-07-2	D-08-04-07-2
Swallow	01/58-1966	101	D-08-04-07-2	D-08-04-07-2
Syncom	1962-1964	102	D-08-04-07-2	D-08-04-07-2
T-238	1959-1960	102	D-08-04-07-2	D-08-04-07-2
T-238	1959-1960	102	D-08-04-07-2	D-08-04-07-2
Talos	1959-1960	102	D-08-04-07-2	D-08-04-07-2
Talos Missile	1958-1960	102	D-08-04-07-2	D-08-04-07-2
Taper Project	1964	102	D-08-04-07-2	D-08-04-07-2
Tart Missile	01/57-1959	102	D-08-04-07-2	D-08-04-07-2
(Project) Telstar	1962	102	D-08-04-07-2	D-08-04-07-2
Terrapin Missile	1956-1957	102	D-08-04-07-2	D-08-04-07-2
Terrier Missile	1952	102	D-08-04-07-2	D-08-04-07-2
TFX (now F-111)	1961-1963	103	D-08-04-07-3	D-08-04-07-3
TFX (now F-111)	04/62-08/63	103	D-08-04-07-3	D-08-04-07-3
(Project) Tom	12/68-1969	103	D-08-04-07-3	D-08-04-07-3
Titan	1956-1964	103	D-08-04-07-3	D-08-04-07-3
Titan	1956-1964	104	D-08-04-07-3	D-08-04-07-3
Trailblazer	1958-1971	104-106	D-08-04-07-3	D-08-04-07-4
Trailblazer	1958-1964	106	D-08-04-07-4	D-08-04-07-4
(Project) Transit	1961	106	D-08-04-07-4	D-08-04-07-4
Triton Missile	1957	106	D-08-04-07-4	D-08-04-07-4
Truax	1959	106	D-08-04-07-4	D-08-04-07-4
Typhon	1960-1964	106	D-08-04-07-4	D-08-04-07-4
Vanguard Missile	1957-1964	106	D-08-04-07-4	D-08-04-07-4
Vanguard	1957-1958	106	D-08-04-07-4	D-08-04-07-4
(Project) Vector	1966-1967	106-107	D-08-04-07-4	D-08-04-07-4
Viking Missile	11/68-10/69	107-108	D-08-04-07-4	D-08-04-07-5
Viking	1953	108	D-08-04-07-5	D-08-04-07-5
Voyager	01/65-01/68	108-111	D-08-04-07-5	D-08-04-07-6
WCV Missile	1959	112	D-08-04-07-6	D-08-04-07-6
WS-107	1956-1959	112	D-08-04-07-6	D-08-04-07-6
WS-110	1956-1959	112	D-08-04-07-6	D-08-04-07-6
WS-125	1956-1957	112	D-08-04-07-6	D-08-04-07-6
WS-125 WS-126	1956	112	D-08-04-07-6	D-08-04-07-6
110-120	1750	114	D-00-07-0/-0	D-00-0 1 -0/-0

WS-138	1959	112	D-08-04-07-6	D-08-04-07-6
WS-302A	1956	112	D-08-04-07-6	D-08-04-07-6
Wallops Projects	n.d.	112-114	D-08-04-07-6	D-08-04-08-1
Wizzard II	09/1957	114	D-08-04-08-1	D-08-04-08-1
XS-1 Project	10/46-1949	114-115	D-08-04-08-1	D-08-04-08-1
XS-1 Project	03/45-1949	115-116	D-08-04-08-1	D-08-04-08-2
X-1	1950-1962	116-117	D-08-04-08-2	D-08-04-08-2
X-1	10/47-1958	117-119	D-08-04-08-2	D-08-04-08-3
X-1 (Thin Wing)	1951-11/52	119	D-08-04-08-3	D-08-04-08-3
X-1-1	1948-1950	119	D-08-04-08-3	D-08-04-08-3
X-1-2	02/48-12/52	119	D-08-04-08-3	D-08-04-08-3
X-1-3	1951-1953	120	D-08-04-08-3	D-08-04-08-3
X-1-3	1948-01/51	120	D-08-04-08-3	D-08-04-08-3
X-1E	1954-1959	120	D-08-04-08-3	D-08-04-08-3
X-1E	1951-03/59	121-122	D-08-04-08-4	D-08-04-08-4
XS-2	09/47-02/48	122	D-08-04-08-4	D-08-04-08-4
XS-2	01/46-03/51	122-123	D-08-04-08-4	D-08-04-08-4
X-2	1948-1956	123-124	D-08-04-08-4	D-08-04-08-5
X-2	1948-04/58	124-126	D-08-04-08-5	D-08-04-08-5
XS-3	06/45-09/48	126	D-08-04-08-5	D-08-04-08-5
X-3	08/45-01/57	126-131	D-08-04-08-5	D-08-04-09-1
X-4	1947-1954	131	D-08-04-09-1	D-08-04-09-1
X-4	1946-1954	131-132	D-08-04-09-1	D-08-04-09-2
X-5	1948-1956	132	D-08-04-09-2	D-08-04-09-2
X-5	1948-1960	133-135	D-08-04-09-2	D-08-04-09-3
X-7	1958	135	D-08-04-09-3	D-08-04-09-3
X-7	1957-1958	135	D-08-04-09-3	D-08-04-09-3
X-10 Missile	1957	135	D-08-04-09-3	D-08-04-09-3
X-13	1956-1958	135	D-08-04-09-3	D-08-04-09-3
X-13	1954-1957	135	D-08-04-09-3	D-08-04-09-3
X-15	1951-12/63	135-171	D-08-04-09-3	D-08-05-02-4
X-15	01/52-1962	172-177	D-08-05-02-5	D-08-05-03-1
X-16	1955-1956	177	D-08-05-02-5	D-08-05-03-1

Series II: Subject Correspondence Files, 1918-1978, 869 LTA-S containers.

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Republic	1961-1965	200
Republic	1961-1965	200
Rohr	1963-1965	200
Ryan	01/61-12/65	200
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Stanley	01/61-12/62	201
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³ Chance Vought Corp.

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⁴ Privately owned, personal or light aircraft

⁵ Atomic Energy Commission (Terminated 01/20/1975)

⁶ Atomic Energy and Nuclear Physics (Nucleonics, Atomic Physics and Nuclear Energy)

⁷ Airplanes-Disposition

⁸ Windshields and Cockpits Visibility Problems (Vision or visibility devices, rain repellant, coatings, etc.)

⁹ Convertiplanes (Vertically Rising Aircraft, all except helicopters)

¹⁰ Quarterly Status Report-Langley and Ames, Lewis and HSFS--Projects relating to Research Airplanes

- ¹¹ Ground Cushion Phenomena and Vehicles
- ¹² Use of Center Airplanes
- ¹³ Integrated Programs for Aerospace Vehicle Design (IPAD)
- ¹⁴ Radio Equipment (Antennas, Sondes)
- ¹⁵ Rotating Wing Problems (Excluding Helicopters)
- ¹⁶ Radio Controlled Aircraft

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A179-8B	Propulsion System ²⁸	1958-06/65	290
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111/ UL	rigpersonie Runger	01/05/01/15	<i>2)5 2)</i> 1

¹⁷ Compressibility-Mach number effects

¹⁸ Flow-internal, external, jet flow, subsonic, sonic, transonic, supersonic, hypersonic

- ¹⁹ Air flow visualization
- ²⁰ Controls and Control Systems (Automatic Stabilization)
 ²¹ Stability and Control (Control surfaces and ailerons, elevon, rudders, elevators, stabilizers, fins, tabs, wing spoilers)
- ²² Ceramics-Plastic materials, Ceramals and High Temperature Materials
- ²³ Cockpits and Canopies, Cabins and Cockpit Tops

- ²⁴ Loads, Aerodynamics
- ²⁵ Structural Loads (Compression, Bending Shear, Torison, Tension, etc.)
- ²⁶ Propulsion Systems-General Engines (Atomic, nuclear, Jet, reciprocating, afterburners)
- ²⁷ Propulsion System-Rocket Motors Liquid and Solid Propellant Systems
- ²⁸ Propulsion System-Nuclear Propulsion (space flight)
- ²⁹ Auxiliary Power Plants and Units (APP & U)

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³⁰ Hypersonic Ramjet Experiment Project

³¹ Compressors-Turbines, Blowers, Impellers, Fans (General Correspondence)

³² Wallops Island Station

³³ Wallops Island-Land Allotments

³⁴ Longitudinal Stability and Control of Airplanes (including data on pitching moments)

³⁵ Tail Surfaces, General

³⁶ Instruments, Miscellaneous

³⁷ Accerlerometers-General

³⁸ Pressure and Flow Measuring Devices

³⁹ Instruments-Strain Gages

⁴⁰ Instruments-Angle of Attack Meters

⁴¹ Instruments-Anemometers, Hot Wire, etc.

⁴² VG & VGH Recorders HFR Records also

⁴³ Instrument, Altimeter

⁴⁴ High-Speed Research (General)

⁴⁵ Inductions Systems (Inlets, ducts, scoops, exits)

⁴⁶ Jet Propelled Aircraft

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⁴⁷ Rocket Propelled Aircraft
 ⁴⁸ Gases, excluding freon (including air, (Ozones) Standard Atmosphere)

⁴⁹ Undercarriages--Landing Gears, Wheels, Tires, Shock Absorbers, Struts

⁵⁰ Tire Hydroplaning and Hydroplaning (Tires)

⁵¹ Space Flight-Reentry Problems

⁵² Space Flight-Recovery Problems

⁵³ Meterology-everything except hail (turbulence, thunderstorm, precipitation, gusts)

⁵⁴ Mathematical Machines, Computing, etc. and Equipment

⁵⁵ Inter-Center Committee on ADP

⁵⁶ Medical Problems of Flight--Bioastronautical effects of space flight

⁵⁷ Manned Spacecraft Center

⁵⁸ Goddard Space Flight Center (GSFC)

⁵⁹ George C. Marshall Space Flight Center (MSFC)

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⁶⁰ Launch Operations Center--Cape Canaveral, later Cape Kennedy
 ⁶¹ Reports, Outside-Interrogation Reports

⁶² Research-Proposed (By outside sources or LAL Lab)

⁶³ Spinning and Tumbling

⁶⁴ Missiles-General Information

⁶⁵ Satellites and Space Flight

⁶⁶ Lunar Explorations in Space (Lunar probes, manned and Unmanned Vehicles)

⁶⁷ Solar System Explorations-Space Flight (Planetary probes, asteroid vehicles)

⁶⁸ Manned Space Stations

⁶⁹ Sections, Langley-Supersonic Wind tunnel (General Correspondence)

⁷⁰ Supersonic Phenomena

⁷¹ Wind Tunnels-Slotted Test Sections

⁷² Wind Tunnel Tests-Southern California Cooperative Wind Tunnel

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A317-1B	Flexikite Concept	1961	459
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⁷³ Wind Tunnel Balances

⁷⁴ Use of Langley Facilities

⁷⁵ Institutional Base Study (IBS)

⁷⁶ Stability and Control-Directional (Yawing Moment)

- ⁷⁷ Rocket Fuels (Propellants)
- ⁷⁸ Ice Formation and Ice Prevention
- ⁷⁹ Airplane Configurations (All Wing, Tailless, Vee-Tail, etc.) Spacecraft Configurations
 ⁸⁰ Materials-Metals, Wood, Glass (Including Porous) and Beryllium, Silver and Gold Recovery Program
- ⁸¹ Vibration and Flutter (Flutter, Vibration, Oscillations, Unsteady Lift)
- ⁸² Communications (i.e. radio)
- ⁸³ Structural Specimens (Webbs, extruded Shapes, Plates, Stress Skin Stiffness, Beams, Bending, Columns, Monocoque Construction, Shells (Not Gun Shells), Stressed Skin, Double Wall Const.
- ⁸⁴ Aluminum and Aluminum Alloys Alcoa and Alclad
- ⁸⁵ Sound and Noise Problems

⁸⁶ Flexikite Concept-Paragliders-Sailplanes

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	(NRC-NAS) ¹⁰¹	01/67-12/69	472-473

⁸⁷ Mathematics-Theory and Experiment

⁸⁸ Heating Transfer, Heating Aerodynamic, Heat Exchange

⁸⁹ Airports (Peninsula or Patrick Henry Runways)

⁹⁰ Buffeting and Downwash, Vortices

⁹¹ Bodies (Bodies of Revolutions, Spheres, Ellipsoid balls, hemispheres, Cylinders, etc.)

⁹² Stores-External (Fuel Tanks, Bomb Bays, Bomb Racks, etc.)

⁹³ Pilot Escape Techniques, Devices and Problems (Hatches, Cabin Jettisoning, Ejection Seats, Cockpit Ejection Devices)

⁹⁴ Surface Conditions and Roughness

⁹⁵ Interference of Airplanes Bodies and Parts

⁹⁶ Aircraft-Crash Program (Fire, etc.)

- ⁹⁷ Underwater Location System (Oil Spills)
- ⁹⁸ Arnold Engineering Development Center (AEDC)
- ⁹⁹ Department of Defense (DOD)
- ¹⁰⁰ Department of Transportation (DOT)
- ¹⁰¹ Government Organizations-National Research Council-National Academy of Sciences (NRC-NAS)

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¹⁰² Government Organizations-War Department U.S. Air Force (AF)

¹⁰³ Government Organization-Wright Patterson Air Force Base, Dayton, OH

¹⁰⁴ Aberdeen Proving Grounds-Government Organ. (American) Ballistic Research Lab.

¹⁰⁵ U.S. Naval Ordnance Labs.

¹⁰⁶ Navy-White Sands Test Facility-New Mexico

¹⁰⁷ NASA Headquarters

¹⁰⁸ Ames Research Center

¹⁰⁹ Flight Research Center-Edwards (FRC)

¹¹⁰ Electronics Research Center (ERC)

¹¹¹ Goddard Space Flight Center (GSFC)

¹¹² Manned Spacecraft Center (MSC) later known as Johnson Space Center (JSC)

¹¹³ Kennedy Space Center (KSC)

¹¹⁴ Lewis Research Center, Cleveland, OH (LRC)

¹¹⁵ Manned Spacecraft Center

¹¹⁶ George C. Marshall Space Flight Center (MSFC)

¹¹⁷ Plum Tree Island (Langley)

¹¹⁸ Wallops Station

¹¹⁹ Divisions, Langley-Administrative Div. (General Correspondence)

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C52-8E ¹²⁵	1945-1951	557	
C52-8F ¹²⁶	12/45-12/54	557-558	
C53-2	Construction ¹²⁷	1942-1956	558
C54-6	Correspondence ¹²⁸	11/22-12/75	558-561
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C54-15	Fiscal Laboratory ¹³⁰	10/40-08/44	563
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C94-1	Procurement ¹³⁹	1938-1943	584

¹²⁰ Fiscal-Laboratory Plant, Proposed Addition and Improvements

¹²¹ Policy and Procedure (United Fund Council)

- ¹²² Fiscal-Bonds, War Saving
- ¹²³ Books Published by Committee Members, Books or Chapters for Books
- ¹²⁴ Recreation-Recreational Activities Morale Activities Association
- ¹²⁵ Combined with C52-8
- ¹²⁶ Combined with C52-8
- ¹²⁷ Construction-General Correspondence
- ¹²⁸ Correspondence Procedure
- ¹²⁹ Correspondence Disposal-National Archives
- ¹³⁰ Fiscal Laboratory Costs
- ¹³¹ Fiscal-Plant Costs, Reports
- ¹³² Procurement, Laboratory Property
- ¹³³ Personnel--Employees= Compensation Commission
- ¹³⁴ Procurement--General Accounting Office
- ¹³⁵ Government Printing Office
- ¹³⁶ General Services Administration
- ¹³⁷ Government Organizations, Navy Dept.-Navy Yards
- ¹³⁸ Fiscal--Bureau of Budget
- ¹³⁹ Procurement-Site-Langley

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¹⁴⁰ Langley Memorial Aeronautical Laboratory Terrain Layouts

- ¹⁴¹ Procurement--Oyster Leases
- ¹⁴² Main--General Correspondence
- ¹⁴³ Maps--Official Langley Activities-Langley Field
- ¹⁴⁴ National Advisory Committee for Aeronautics Exchange--Regulations and Minutes
- ¹⁴⁵ National Advisory Committee for Aeronautics Exchange Audits
- ¹⁴⁶ NACA Exchange (Sanitary Reports)
- ¹⁴⁷ Organizations--Outsides (Local) (Explorer Program--Career Exploration Program)
- ¹⁴⁸ Security--Passes-Identification Card
- ¹⁴⁹ Personnel--Civil Service Commission (General Correspondence) Included-CSC Inspection Reports
- ¹⁵⁰ Public Laws, House Reports and Congressional Hearings
- ¹⁵¹ Federal Executive Association (FEA)
- ¹⁵² ASEE-NASA Faculty Summer Fellowship Program
- ¹⁵³ Personnel--Employees, General Official Register
- ¹⁵⁴ Personnel--Employees, Training
- ¹⁵⁵ Personnel--United States Employment Service
- ¹⁵⁶ Fair Employment Policy
- ¹⁵⁷ Manpower Utilization Program
- ¹⁵⁸ Fiscal--Personnel, Leave Procedure & Policy
- ¹⁵⁹ Military Service Employees

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¹⁶⁰ Personnel-Deferment of Reserve Officers only Angus-NACA Program

- ¹⁶¹ Personnel-Deferment Of
- ¹⁶² Ames Aeronautics Laboratory--Estimates
- ¹⁶³ Ames Aeronautical Laboratory--Wind Tunnels-6 by 6 Foot Supersonic Wind Tunnel
- ¹⁶⁴ Ames Construction--Work performed by LAL for Ames
- ¹⁶⁵ Ames Aeronautical Laboratory--8 inch Low-Density Wind Tunnel
- ¹⁶⁶ Life Sciences Laboratory
- ¹⁶⁷ Electronic Research Center (ERC)
- ¹⁶⁸ Fiscal--Payroll, Procedure
- ¹⁶⁹ Fiscal--Procedure and Policy
- ¹⁷⁰ Fiscal Conference and Adm.
- ¹⁷¹ Fiscal--Payrolls (Held in Payroll Office)
- ¹⁷² Conferences--Personnel Officers of Research & Development Agencies
- ¹⁷³ Fiscal--Pension Bureau (Retirement Act)
- ¹⁷⁴ Personnel--Reduction in Force
- ¹⁷⁵ Personnel--Reinstatement Procedure
- ¹⁷⁶ Personnel--Separations--Procedure
- ¹⁷⁷ Personnel--Procedure, Transfer Between Laboratory & other Departments
- ¹⁷⁸ Personnel--Political Activity Employees
- ¹⁷⁹ Safety and Health-Public Health Service (Includes Sewage Disposal)
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¹⁸¹ Publicity & Community Relations

¹⁸² Press Releases (ONLY)

¹⁸³ Manufacturers (STIF-Scientific Technical & Information Facility)

¹⁸⁴ Aro, Inc., subsidiary of Sverdup and Parcel, Inc.

- ¹⁸⁵ Union Carbide & Chemical Company
- ¹⁸⁶ Space Technology Laboratories (STL)
- ¹⁸⁷ Southern Interstate Nuclear Board (SINB)
- ¹⁸⁸ Security (General Correspondence)
- ¹⁸⁹ Sensitive Positions-Designation of
- ¹⁹⁰ Operations Safety Committee (OSC)
- ¹⁹¹ Sections, Langley-Library (General Corres.)
- ¹⁹² Sections Langley-Electrical Section (General Correspondence)
- ¹⁹³ Procurement-Procedure, Shipment
- ¹⁹⁴ Personnel-Recruiting or Recruitment
- ¹⁹⁵ Solicitation of Personnel Correspondence with Colleges

¹⁹⁶ Thefts of Committee Property

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¹⁹⁷ Security-Thefts of Employee=s Property

¹⁹⁸ Transportation (General)

¹⁹⁹ Travel, Regulations and Procedure

²⁰⁰ Virginia Public Service Company

²⁰¹ Electrical Consumption Monthly Statements (Contract-Sale of Power)

²⁰² Procurement-Virginia Electrical and Power Company

²⁰³ Procurement-Electrical Power (Monthly Report on Electrical Power Costs)

²⁰⁴ Electronics Research-General

²⁰⁵ Procurement-Virginia State Highway

²⁰⁶ Fiscal-Vouchers, Certification (Certifying Officers)

²⁰⁷ Personnel-Wage Scale

²⁰⁸ Personnel-War Manpower Commission

²⁰⁹ Procurement-War Production Board

²¹⁰ Personnel-Working Hours and Holidays

²¹¹ Procurement-Works Project Administration

²¹² Construction Progress Reports

²¹³ AERL-Preliminary Data List

²¹⁴ Aircraft Engine Research Laboratory Work Performed by LAL for Lewis (AERL)

²¹⁵ Aircraft Engine Research Laboratory Supersonic Wind Tunnel (AERL)

²¹⁶ Works Project Administration Files-Ft. Eustis

E1-2	NASA-Hdq. ²¹⁷	1936-12/65	703-714
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²¹⁷ NASA Headquarters

²¹⁸ Reliability & Quality Assurance

²²⁰ National Advisory Committee for Aeronautics Washington Office-Organization

- ²²¹ Incentive Awards Program-Langley Committee on Incentive Awards
- ²²² Management Control Information System (RA=s)
- ²²³ Management Improvement Program
- ²²⁴ Management Improvement Program Instructions
- ²²⁵ Management Improvement Program Projects
- ²²⁶ Management Improvement Program Reports

²²⁷ Reports, Committee-NACA (Annual) Annual Volume Semi Annual Report to Congress

- ²²⁸ Index of NACA Publications
- ²²⁹ Langley Letters of Appreciation written by Staff Members
- ²³⁰ Program Management Plans
- ²³¹ Sequenced Milestone System (SMS) also NASA--PERT System
- ²³² Accidents (Non-Committee)-Aircraft
- ²³³ Committees, Langley-Accidents Investigation Board
- ²³⁴ Aeronautical Symbols, Standard
- ²³⁵ Government Organizations (American) The Aeronautical Board

²¹⁹ National Advisory Committee for Aeronautics Letters of Commendation (Covering NACA or any of its laboratories or activities)

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E6-2	Conference ²⁵⁴	1939-1944	809

²³⁶ Individual-Ames, Dr. Joseph S.

²³⁷ Foreign--British--General

 ²³⁸ Advisory Group Aeronautical Research and Development (AGARD)---NATO--North Atlantic Treaty Organization

²³⁹ Individual-Bush, Vannevar

²⁴⁰ Charts used at Sixth Annual Aircraft Engineering Research Conference, May 27, 1931

²⁴¹ Committees, Non-NACA-General

²⁴² Government Organization (American)-Army-Navy Commerce

²⁴³ International Committee on Aeronautical Fatigue (ICAF)

²⁴⁴ Joint Research and Development Board of Army and Navy

²⁴⁵ Advisory Board on Simulation

²⁴⁶ Committee--Executive Committee--NACA

²⁴⁷ Committees, NACA-High Speed Aerodynamic (Subcommittee)

²⁴⁸ NASA Committee-Design Criteria Steering Committee

²⁴⁹ Committees, Langley-Editorial

²⁵⁰ Committee, Subcommittee-Langley-General

²⁵¹ Committees, Langley-Library Committee

²⁵² Committees, LAL-Personnel Training (Committee)

²⁵³ Applications Review Committee

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E6-15	NACA Conference ²⁶⁵	1947-1948	811
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E6-16B	Supersonic ²⁶⁸	06/51-09/51	812
E6-17	Aircraft Loads ²⁰⁹	1948	813
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²⁵⁴ Conference-Stability Research Conference-Join NACA-LAL Ames Conference on Stability and Control Problems

²⁵⁵ NACA Conference Automatic Stability & Control of Aircraft

²⁵⁶ Conference-Joint Fighter Conference-Patuxent

- ²⁵⁷ NACA Conference and Supesonic Aerodynamic Conference-Supersonic
- ²⁵⁸ Conference-Compressor-NACA-Compressor Conference
- ²⁵⁹ Aircraft Gas Turbine Conference
- ²⁶⁰ Aircraft Industry Association (General)
- ²⁶¹ Conference-Army and Navy Standardization
- ²⁶² Conference-Instrument Research-NACA Interlaboratory Instrument Conference
- ²⁶³ Conference-Aviation Writers Association
- ²⁶⁴ Conference on High Temperature Materials Research-Lewis
- ²⁶⁵ NACA Conference Boundary Layer Conference
- ²⁶⁶ Ames Transonic Conference NACA Conference on Aerodynamic Problems of Transonic Airplane Design
- ²⁶⁷ Conferences-Transonic Conference-Langley Conference on Aerodynamic Problems of Transonic Airplane Design
- ²⁶⁸ Supersonic Missile Conference-Ames NACA Conference on Aerodynamic Design Problems of Transonic Guided Missiles
- ²⁶⁹ Aircraft Loads Conference-Langley-1948

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E6-20	NACA University	1954	813
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E6-21	Conference	1951	813-814
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E6-23	Seventh	1952	814
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E6-27	Annual Conf. ²⁷⁶	1952-1954	814
E6-28	Conference ²⁷⁷	1941-1942	814
E6-29	Conference ²⁷⁸	01/47-02/47	814
E6-30	Ice Prevention ²⁷⁹	06/1947	814
E6-31	Ice Prevention	1948	814
E6-32	Conferences ²⁸⁰	1948-1954	814
E6-33	Conference ²⁸¹	1949	814
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E6-38	High Speed	09/51-01/55	816-818
E6-39	Supersonic ²⁸⁷	03/1952	819

²⁷⁰ Conference-Optical Visualization of High-Speed Flow-Ames-Feb. 1948

²⁷¹ NACA Conference on Aircraft Structures Langley

- ²⁷³ Conference-NACA Aircraft Loads and Structures
- ²⁷⁴ Seventh Underwater Ballistics Conference Also Eighth and Ninth

²⁷⁵ Conference-US National Congress of Applied Mechanics (General)-5th and 6th International Congress for Applied Mechanics, International Congress on Theoretical and Applied Mechanics-2nd US National Congress of Applied Mech.

- ²⁷⁶ Annual Conference on Heat Transfer and Fluid Mechanics Institute
- ²⁷⁷ Conference-Liquid-Cooled Aircraft Engine Installation-Langley August 26, 1941.
- ²⁷⁸ Conference-High-Speed Aerodynamic Theory Langley-February 3, 1947
- ²⁷⁹ Ice Prevention Conference-Lewis June 26, 1947
- ²⁸⁰ Conferences Aircraft Power Plants Controls-Lewis NACA Conference on Aerodynamics of Power Plant Installation-Lewis June 1955
- ²⁸¹ Conference on Propellers--Sept. 29, 1949
- ²⁸² NACA Conference on Results of Flight Investigation with Research Airplanes, Sept. 22, 1949
- ²⁸³ Conferences-Crash Loads--Conference with Lewis and LAL Personnel on the study of airplane structures during a crash Langley August 30, 1950
- ²⁸⁴ Conference-Problems of Aircraft Operation--Held at Lewis 10-9 & 10-50--November 17 & 18, 1954 Lewis
- ²⁸⁵ NACA Turbine Materials and Cooling Conference Lewis March 15, 1951
- ²⁸⁶ High Speed Airplane Aerodynamics Conference Loads, Flutter and Structures Conference 1953

²⁷² NACA University Conference on Aerodynamic, NACA University Conference on Aerodynamics-Langley, NACA University Conference on Aerodynamics, Structures and Propulsion

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E8-5	Individual ²⁹²	1926	820
E8-10	Individual ²⁹³	1920-1943	820
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E10-2A	$(JPL)^{295}$	06/58-12/64	821
E12-5	General Budget ²⁹⁶	1919-01/72	821-827
E12-5	General Budget	1943-1953	827
E12-6	Government Org. ²⁹⁷	1946	828
E12-18	Exhibits-Models	1930-12/71	828-829
E12-19	World's Fair ²⁹⁸	01/62-1963	830
E12-19A	World's Fair ²⁹⁹	1963-1965	830
E13-20	Films-Committee	07/56-12/70	830-837
E14-D	Aberdeen ³⁰⁰	1946-1952	837
E16-2	$(FAA)^{301}$	1926-12/70	838-845
E16-3	Government Org. ³⁰²	01/50-06/65	845
E16-4	NAS-Patuxent ³⁰³	1945-1950	846
E16-4	NAS-Patuxent	1945-1949	846
E17-1	Navy Department	01/46-07/57	846
E17-1A	Government Org. ³⁰⁴	1941-1947	846

²⁸⁷ Supersonic Missile Propulsion Conference to be held at Lewis, March 13, 1952

²⁸⁸ Conferences--50th Anniversary of Powered Flight

- ²⁸⁹ NACA Helicopter Conference to be held at LAL May 12-13, 1954
- ²⁹⁰ Reports, Committee-NACA-Memorandum for Coordinator of Research-West Coast Visits-Western Support Office
- ²⁹¹ Individual-DeBathezat, Dr. George
- ²⁹² Individual-Dickinson, Dr. H.C.
- ²⁹³ Individual-Durand, Dr. Wm. F.
- ²⁹⁴ Research Grants and Contracts----Young Researchers Program
- ²⁹⁵ Jet Propulsion Laboratory
- ²⁹⁶ General Budget-Estimates and Appropriations Proposed Construction Program Construction and Equipment (C&E)
- ²⁹⁷ Government Organization (American) Mead Committee
- ²⁹⁸ World's Fair--Seattle, Washington 1962
- ²⁹⁹ World's Fair--New York 1964
- ³⁰⁰ Aberdeen Proving Grounds
- ³⁰¹ Federal Aviation Administration-Government Org. Civil Aeronautics Authority and ICAO (International Civil Aviation Organization)-CAA
- ³⁰² Government Organizations-American Bureau of Standards
- ³⁰³ NAS 9 (Naval Air Station)-Patuxent
- ³⁰⁴ Government Organizations, Navy Department-Bureau of Ships

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³⁰⁵ Government Organizations, Navy Department-Aircraft Bulletins

- ³⁰⁷ Bureau of Ordnance-Navy Department
- ³⁰⁸ U.S. Naval Gun Factory-Washington 25, DC
- ³⁰⁹ David Taylor Model Basin (DTMB)
- ³¹⁰ Nuclear Energy Propulsion for Aircraft (NEPA) Project
- ³¹¹ Individual-Gray, George W.
- ³¹² Individual-Hunsaker, J.C.
- ³¹³ Inventions, Procedure
- ³¹⁴ Inventions, Outside
- ³¹⁵ Inventions, Laboratory
- ³¹⁶ Inventions--Washington Office
- ³¹⁷ Individual--Jenkins, C. Francis
- ³¹⁸ Individual--Jones, Robert T.
- ³¹⁹ Individual-Kemble, Edwin C.
- ³²⁰ Suggestions by Staff Members on Non-Research Projects
- ³²¹ Organization--Langley

³⁰⁶ Naval Air Material Center--Philadelphia, PA; Naval Air Experimental Station--Philadelphia; Naval Air Development Center--Johnsville, PA.

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E29-4	Panels	1946-1961	901
E29-5	Panels ³³⁶	1946-1948	902
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E29-12	Panel ³⁴²	12/52-04/56	902

³²² Laboratory-Changes in NASA Organization

³²³ Laboratory, Designation of Authority

- ³²⁴ Laboratory--Regulations
- ³²⁵ Lectures by NACA Members
- ³²⁶ Memorandum for Staff, Langley
- ³²⁷ Government Organization (America)-National Inventors Council
- ³²⁸ National Aeronautic Association
- ³²⁹ Government Organizations-Foreign-National Physical Laboratory
- ³³⁰ Government Organizations (American)-National Defense Research Council
- ³³¹ Project Z-Unitary Wind Tunnel Division
- ³³² Nomenclatures--Aeronautics
- ³³³ Panels, NACA-High Speed
- ³³⁴ Panels-Guided Missile Panel also Guided Missile of RDB--Panel on Guidance and Control of the Committee on Guided Missiles
- ³³⁵ Panels, NACA--Upper Atmosphere Rocket Research
- ³³⁶ Panels, NACA--Nomenclature and Definitions
- ³³⁷ Panels--NACA--Fatigue Testing
- ³³⁸ Panels for Supersonic Facilities
- ³³⁹ Panels, NACA--NACA Sponsored University Research
- ³⁴⁰ Panels--Design Advisory Panel-Air Engineering Development Center
- ³⁴¹ Ad Hoc Group to Review Airborne Fire Control Systems for Fighter Aircraft

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E29-15	Jet Exit Panel ³⁴⁴	1955	902
E29-16	Joint Army-Navy ³⁴⁵	01/58-12/67	902-904
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E29-23	Ad Hoc Group ³⁵¹	1955-1956	905
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E29-28	Panel ³⁵⁵	08/1957	905
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E29-33	NASA ³⁵⁸	1959-12/60	905
E29-35	Collision ³⁵⁹	01/59-12/63	905
E29-36	Ad Hoc Group ³⁶⁰	1959-1961	905
E29-39	Panels ³⁶¹	1961	905
E29-42	USAF/NASA ³⁶²	1961-12/63	905
E29-44	Ad Hoc ³⁶³	08/1961	905

³⁴² Panel on Aircraft Accident Survival

³⁴³ Guided Missile Panel of the Minerals and Metals Advisory Board--Guided Missile Materials Panel of the Materials Advisory Board

- ³⁴⁴ Jet Exit Panel--Lewis Panel
- ³⁴⁵ Joint Army-Navy-Air Force Solid Propellant Group Solid Propellant Rocket Static Test Panel--Mr. Thibodaux member-1955
- ³⁴⁶ Technical Panel on Rocketry--of the U.S. National Committee
- ³⁴⁷ Working Group on Internal Instrumentation of the Technical Panel on the Earth Satellite (TPES) of the U.S. National Committee for IGY
- ³⁴⁸ Working Group on the Jet Transport Weather Problems
- ³⁴⁹ Panel--Ad Hoc Panel on Propellers and Rotor Problems of VTOL and STOL Aircraft
- ³⁵⁰ Ad Hoc Group on Seaplane Capabilities
- ³⁵¹ Ad Hoc Group on High Temperature Facilities
- ³⁵² Ad Hoc Evaluation Committee of ABMA-Panel
- ³⁵³ NA-39 Ad Hoc Group of the Mutual Weapons Development Program
- ³⁵⁴ Naval Air Advisory Council (NAAC)
- ³⁵⁵ Panel-Turbulence Information formed 05/21/57, Mr. Harry Press-Chairman
- ³⁵⁶ Advisory Panel for Aeronautics Department of Defense
- ³⁵⁷ NASA-DOD Space Flight Ground Facilities Board
- ³⁵⁸ NASA Intercommittee Fatigue Panel
- ³⁵⁹ Collision Prevention Advisory Group
- ³⁶⁰ Ad Hoc Group on Supersonic Aircraft
- ³⁶¹ Panels-Army Transportation Corps Technical Advisory Panel
- ³⁶² USAF/NASA Working Group on Launch Vehicle Structures

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E30-1B	Panel ³⁶⁷	1954-1955	906
E30-2	Panel ³⁶⁸	1948-1949	906
E30-3	Bumblebee ³⁶⁹	1948-1971	906
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E30-5	Panel ³⁷¹	1948-1954	906
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E30-11	Panels ³⁷⁷	1950	910
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³⁶³ Ad Hoc Working Group on Spacecraft Structures Materials and Mechanical Subsystems

³⁶⁴ Ad Hoc Working Group on Tracking and Data Acquisition Subsystems

- ³⁶⁵ National Air Transport Coordination Committee
- ³⁶⁶ Panel on Aerodynamics and Structures of the Research and Development Board-Guided Missiles Committee
- ³⁶⁷ Panel on High Temperature Structures
- ³⁶⁸ Panel on Internal Flow
- ³⁶⁹ Bumblebee Aerodynamic Panel
- ³⁷⁰ Panel Stability and Control
- ³⁷¹ Panel on Automatic Control
- ³⁷² Panel on Research Airplane Projects NACA Panel & Steering Committee for New Research
 Vehicle System NASA Inter-Center Research Airplane Technical Study Group
- ³⁷³ Panel--Physics of Solids-Research Development Board
- ³⁷⁴ Panels--Inter-Laboratory Computing Machine Panel
- ³⁷⁵ Inter-Laboratory Panel on Aircraft Loads
- ³⁷⁶ ANC-2 Panel on Ground Loads--AND-3 Panel on Water Loads ANC-Panel on Flight Loading Conditions--ANC-16 Panel on Controls
- ³⁷⁷ Panels--Air Traffic Control
- ³⁷⁸ Policy--Researcg Policy and Procedure
- ³⁷⁹ Conference--Executive (NACA)
- ³⁸⁰ Policy Administrative and Procedure
- ³⁸¹ President Air Policy Commission
- ³⁸² Administrator=s Progress Report (Monthly)

E30-18	Research ³⁸³	01/47-12/63	924-925
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E32-7	NACA	1950-1953	930
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E32-10B	Reports ³⁹⁰	1946-12/51	940-941
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E32-12C	Travel	1944	963
E32-12D	Travel ³⁹³	1944-1946	963
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E32-13	Clearances ³⁹⁶	1958-11/59	964
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E32-16	Research ³⁹⁸	1922-1947	964
E32-16	Research	1941-1945	964
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E32-17	Suggestions	1944-1947	965
E32-18	Reclassification ⁴⁰⁰	1945-07/65	965-966

³⁸³ Research Consultants

- ³⁸⁴ Dr. T. Keith Glennan--Director--NASA
- ³⁸⁵ Relief Association-Langley
- ³⁸⁶ National Advisory Committee for Aeronautics-Relation to National Defense in Time of War (includes Westover Report)-NACA Hdq. Records
- ³⁸⁷ Individual--Reid, H.J.E.-(Personal)
- ³⁸⁸ Frank Muni--as of 02/19/52 sent Lee Dickinson 06/08/54
- ³⁸⁹ Reports, Langley--Mechanical Preparation of
- ³⁹⁰ Reports, Langley-Wartime (General Correspondence)
- ³⁹¹ Travel (Visits to Europe)
- ³⁹² Travel (Reid=s trips to Europe)
- ³⁹³ Travel (Ebert, J.W., Trip to Europe)
- ³⁹⁴ Travel (Stack, J. Trip to Europe)
- ³⁹⁵ Travel to Europe (C. Kemper=s Trip)
- ³⁹⁶ Clearances granted by Langley for Companies to visit test sites
- ³⁹⁷ Reports submitted to Committee on Publications and Intelligence
- ³⁹⁸ Research--Authorizations (Langley) (General Correspondence)
- ³⁹⁹ Suggestions by Staff Members on Research Project All Correspondence changed to

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⁴⁰⁰ Reclassification (Upgrading or downgrading)

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E32-20	Research Status	1945-1948	967
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E33-1	Committees ⁴⁰³	1943-1958	967
E33-1A	Committee ⁴⁰⁴	10/54-1968	967-968
E33-1B	Subcommittee ⁴⁰⁵	1955-1956	968
E33-1D	Subcommittee ⁴⁰⁶	1957-1960	968
E33-2	Supervisor's ⁴⁰⁷	02/53-12/65	968-969
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E34-13	Security ⁴¹¹	09/1936	969
E34-14	Individual ⁴¹²	1926-1931	969
E34-16	Contracts ⁴¹³	1938	969
E34-19	Brooking Institute	1960-12/65	969
E34-24	(IES) ⁴¹⁴	1963-12/66	970-971
E35-4	IndividualTaylor ⁴¹⁵	1925-1931	971
E35-5	Individual ⁴¹⁶	05/1945	971
E35-60	IndividualTice ⁴¹⁷	1920-1921	971
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E37-3C	VisitorsRegister	1944-1959	973
E37-4	Visitors	1960-12/75	973-1001

⁴⁰¹ Research Status (NACA)

⁴⁰² Research--Status-Foreign

⁴⁰³ Committees, Langley--Executive Safety (Committee)

⁴⁰⁴ Committee on Pressure Vessels--Appointed by Executive Safety Committee

⁴⁰⁵ Subcommittee on Procedures for Design, Testing and Operations of High-Voltage Experimental Research Equipment Appointed by Executive Safety Committee--Subcommittee abolished by memo of 08/20/56

⁴⁰⁶ Subcommittee-LAL-on procedures for safe handling and operation of Cyanogen and Potassium

⁴⁰⁷ Supervisor=s Safety Committee-(Safety Coordinating Committee-Name changed October 1964)-West Area I--West Area II--Wallops Island

- ⁴⁰⁸ Personnel--Selective Service
- 409 Individual--Stack, John
- ⁴¹⁰ Security--Storm Damage to Laboratory, August 23, September 11, 1933
- ⁴¹¹ Security--Storm Damage to Laboratory, September 18, 1936
- ⁴¹² Individual--Stratton, Dr. S.W.
- ⁴¹³ Contracts--Complaints or Suits--Suits and U.S. Statement of Langley
- ⁴¹⁴ Institute of Environmental Sciences
- ⁴¹⁵ Individual--Taylor, Adm. David W.
- ⁴¹⁶ Individual--Theodorsen, Theodore
- ⁴¹⁷ Individual--Tice, P.S.
- ⁴¹⁸ Visitors-Procedure-Annual Report on Visitors (For daily report see E37-3A)

E37-4	Visitors	1966	1001
E37-4E	Visitors ⁴¹⁹	1946-07/57	1001-1002
E37-4G	Visitors ⁴²⁰	1936	1002
E37-5	IndividualFerri ⁴²¹	1944-1952	1002
E37-5	IndividualFerri	1946	1002
E37-5A	Individuals ⁴²²	1949	1003
E37-5B	Individuals ⁴²³	1949-1961	1003
E37-6	Visitors ⁴²⁴	1945-1946	1003
E38-4	Individual ⁴²⁵	1003	
E38-5	Individual ⁴²⁶	1948-1953	1003-1004
E38-6	Societies ⁴²⁷	1934-1935	1004
E38-8	Individual ⁴²⁸	1919-1927	1004
E38-8	Individual	1935-1943	1004
E42-1	Work for Private ⁴²⁹	1931-1946	1004
E42-1	Work for Private	1946	1004
AA214-1	Sections	1918-1954	1004-1005
AA220-1	Pioneer Instrument ⁴³⁰	1932-1935	1005
AA220-26	$(A.W.T.)^{431}$	1936	1005
AA220-31	Friez & Sons ⁴³²	1940	1006
AA220-34	$(A.W.T.)^{433}$	1936	1006
AA220-34A	Glenn L. Martin Co.	1937	1006
AA220-34B	Glenn L. Martin Co.	1937	1006
AA220-34B	G.L. Martin Co.	1937	1006
AA220-34C	Glenn L. Martin Co.	1937	1006
AA220-34C	G.L. Martin Co.	1937	1006
AA220-34D	Glenn L. Martin Co.	1938	1006
AA220-34D	G.L. Martin Co.	1938	1006
AA220-34E	Glenn L. Martin Co.	1938	1006
AA220-34E	G.L. Martin Co.	1938	1006
AA220-34F	Glenn L. Martin Co.	1938	1007

⁴¹⁹ Visitors--U.S. Naval Academy

⁴²⁰ Visitors--Visit of Aviation Experts from the Americas

⁴²¹ Individual--Ferri, Antonio

⁴²² Individuals--Clotaire Wood

⁴²³ Individuals--John F. Victory

⁴²⁴ Visitors--Wright Field

⁴²⁵ Individual--Walcott, Dr. Charles D.

⁴²⁶ Individual--Buseman, Adolph (Folder)--Policy and Procedure on Paperclip Specialists

⁴²⁷ Societies--Washington Academy of Science, Journal of

⁴²⁸ Individual--Warner, Hon. Edward P.

⁴²⁹ Work for Private Parties--Regulation and Fees

⁴³⁰ Pioneer Instrument Company
⁴³¹ (A.W.T.) Sales Job Orders, Boeing Aircraft Corp.

⁴³² Julien P. Friez & Sons

⁴³³ (A.W.T.) Sales Job Orders, Martin Company, G.L. (A to N)

AA220-34G	Glenn L. Martin Co.	1938	1007
AA220-34G	G.L. Martin Co.	1937-1939	1007
AA220-34H	Glenn L. Martin Co.	1938	1007
AA220-34H	G.L. Martin Co.	1938	1007
AA220-34I	Glenn L. Martin Co.	1938	1007
AA220-34I	G.L. Martin Co.	1938	1007
AA220-34J	Glenn L. Martin Co.	1938	1007
AA220-34K	G. L. Martin Co.	1937-1939	1007
AA220-34L	Glenn L. Martin Co.	1939	1007
AA220-34M	Glenn L. Martin Co.	1939	1007
AA220-34N	Glenn L. Martin Co.	1939	1007
AA248-2	Research Auth. ⁴³⁴	1926-1941	1007
AB600-1	Sections ⁴³⁵	01/40-1958	1007-1008
AB610-1	Model ⁴³⁶	1940-1948	1008
AB660-1	Research Auth. ⁴³⁷	1943	1008
AF250-1	Divisions ⁴³⁸	1921-1944	1008-1010
AF252-1	Accidents ⁴³⁹	1923-1942	1010
AF252-1	Accidents	1926	1010
AF253-1	Airplanes (Flight)	1923-1929	1010
AF257-15	IndividualCarroll ⁴⁴⁰	1927-1929	1010
AF260-1	Airplanes ⁴⁴¹	1927-1938	1010
AF260-1	Airplanes	1940	1010
AF283-26	Starters, Engine	1922-1924	1010
AF284-0	Sections ⁴⁴²	10/1948	1010
AF284-2	Pressure Distrib. ⁴⁴³	1942	1010-1011
AH321-1	Sections ⁴⁴⁴	08/34-1942	1011
AH321-1	Sections	1938-1942	1011
AH321-18	Hughes Aircraft Co.	1940-1942	1012
AH321-38	Construction ⁴⁴⁵	01/34-07/34	1012
AP322-1	Sections ⁴⁴⁶	1925-1946	1012-1013
AP322-1	Sections	1944-1945	1013
AP325-1	Sales Job Orders ⁴⁴⁷	1932-1936	1013

⁴³⁴ Research Authorization

⁴³⁵ Sections, Langley-Impact Basin (General Correspondence)

⁴³⁶ Model, Float-Impact Basin

⁴³⁷ Research Authorizations

⁴³⁸ Divisions, Langley-Flight Research Division (General Correspondence)

⁴³⁹ Accidents-Airplane (Langley)

⁴⁴⁰ Individual-Carroll, Thomas-Articles by

⁴⁴¹ Airplanes and Seaplanes-Flight Tests

⁴⁴² Sections, Langley-Flight Research Maneuvers (General Correspondence)

⁴⁴³ The Pressure Distribution over the wings and tail surfaces of a PW-9 Pursuit Airplane in flight

⁴⁴⁴ Sections, Langley 8' High-Speed Wind Tunnel Section (General Correspondence)

⁴⁴⁵ Construction Full-Speed Tunnel

⁴⁴⁶ Sections, Langley-Propeller Research Tunnel (General Correspondence)

⁴⁴⁷ Sales Job Orders, Propeller Research Tunnel (General Correspondence)

AP325-40A	Sales Job Orders ⁴⁴⁸	1937	1014
AP325-40A	Sales Job Orders	1936	1014
AP325-40B	Glenn L. Martin Co.	1937	1014
AP325-40C	Glenn L. Martin Co.	1937	1014
AP325-40C	G.L. Martin Co.	1937	1014
AP325-40D	Glenn L. Martin Co.	1937	1014
AP325-40D	G.L. Martin Co.	1939	1014
AP334-1	Propellers, General	1918-09/51	1015-1017
AP334-1	Propellers, General	1944-08/51	1017
AP356-2	Discussion ⁴⁴⁹	1946	1017
AR500-1	Divisions ⁴⁵⁰	1939-1946	1017-1019
AR520-1	Structures ⁴⁵¹	03/25-1948	1019
AR520-1	Structures	1945	1019
AS286-1	Sections ⁴⁵²	1933-1944	1020-1021
AS318-1	Refrigerated W.T. ⁴⁵³	1932-1934	1021
AT285-1	Divisions ⁴⁵⁴	1935-1945	1021-1022
AT285-1	Divisions	1939-1945	1022
AT285-15	Spin Tests ⁴⁵⁵	08/39-1948	1022
AT285-30	Spin T. ⁴⁵⁶	01/1938	1022
AT285-36	(Ŝpin Tunnel) ⁴⁵⁷	1937	1022
AT285-42	(Spin Tunnel) ⁴⁵⁸	1936-1939	1022
AT285-44	(Spin Tunnel) ⁴⁵⁹	1939-1940	1022
AT285-46	(Spin Tunnel) ⁴⁶⁰	1937	1022
AT285-54	Sections ⁴⁶¹	02/38-01/44	1022
AU321-70	19 Foot ⁴⁶²	1936-12/48	1023-1024
AU321-72	19 Foot P.T. ⁴⁶³	1940-1941	1024
AU321-72	19 Foot P.T.	1940	1024
AU321-74	19 Foot ⁴⁶⁴	1940-1943	1024

⁴⁴⁸ (A to D) (PRT) Sales Job Orders, Martin Company, G.L.

⁴⁴⁹ Discussion of Methods of Testing Fans

⁴⁵⁰ Divisions, Langley-Structures Research (General Correspondence)

⁴⁵¹ Structures (Army Tests)

⁴⁵² Sections, LAL-Full-Scale Wind Tunnel Section (General Correspondence)

- ⁴⁵³ Refrigerated Wind Tunnel
- ⁴⁵⁴ Divisions, Langley-Stability Research (General Correspondence)
- ⁴⁵⁵ Spin Tests, Full Scale
- ⁴⁵⁶ (Spin T.) Sales Job Orders, Spin Tunnel (General Correspondence)
- ⁴⁵⁷ (Spin Tunnel) Sales Job Orders, Chance Vought Corp.
- ⁴⁵⁸ (Spin Tunnel) Sales Job Orders, Martin Company, G.L.
- ⁴⁵⁹ (Spin Tunnel) Sales Job Orders, Lockheed Aircraft Company
- ⁴⁶⁰ (Spin Tunnel) Sales Job Orders, Seversky Aircraft Corp.

⁴⁶¹ Sections, Langley-Free-Flight Wind Tunnel (General Correspondence)

- ⁴⁶² 19 Foot Pressure Tunnel
- ⁴⁶³ (19' P.T.) Sales Job Orders, B.F. Goodrich Company
- ⁴⁶⁴ (19') Sales Job Orders, Lockheed Aircraft Co. Com. Tests

AU321-74	19 Foot	1940	1024
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H790-10A	Consolidated	1938	1032
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H790-10B	Consolidated	1940-1943	1033
H790-12	Hydrodynamics ⁴⁷⁹	1931-1932	1033
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⁴⁶⁵ Sections, Langley-Low-Turbulence Tunnel (General Correspondence)

⁴⁶⁶ (VDT) Sales Job Orders, Pioneer Instrument Company

- ⁴⁶⁷ (VDT) Sales Job Orders, Seversky Aircraft Corp.
- ⁴⁶⁸ Induction Aero. Lab.

⁴⁶⁹ Division, Langley-Hydrodynamics Division (General Correspondence)

- ⁴⁷⁰ Instruments, Hydrodynamics
- ⁴⁷¹ Research Problems-Suggested
- ⁴⁷² Seaplanes-Hydro-skis-Hulls, Hydrodynamics
- ⁴⁷³ Sales Job Orders, Hydrodynamics (General Correspondence)
- ⁴⁷⁴ (H790-4A to B) Hydrodynamics Sales Job Orders, Boeing Aircraft Corp.
- ⁴⁷⁵ Hydrodynamics Sales Job Orders, Burgess W. Starling
- ⁴⁷⁶ (H790-10A to B) Hydrodynamics Sales Job Orders, Consolidated Aircraft Corp.
- ⁴⁷⁷ Consolidated Aircraft Corporation
- ⁴⁷⁸ Consolidated Aircraft Corporation

⁴⁷⁹ (H790-12A to F) Hydrodynamics Sales Job Orders, Edo Aircraft Corp.

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⁴⁸⁰ Hydrodynamics Sales Job Orders, Kreider-Reisner Aircraft Co.

⁴⁸¹ (H790-68A to C) (Hydro) Sales Job Orders, Martin Co., G.L.
 ⁴⁸² Hydrodynamics Sales Job Order, Cl. Ofenstein

⁴⁸³ Hydrodyanmics Sales Job Orders, Sundstedt Aircraft Corp.

- ⁴⁸⁴ Power Plants--General Correspondence
- ⁴⁸⁵ Chromium Plating Aluminum Alloys
- ⁴⁸⁶ Fuel Injection-Sperry Engine
- ⁴⁸⁷ Nomenclature, Power Plants
- ⁴⁸⁸ Problems Referred to Power Plants Committee
- ⁴⁸⁹ Research Problems, Suggested
- ⁴⁹⁰ Research Authorizations-General
- ⁴⁹¹ Oil Engine Power Conferences Pennsylvania State College
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⁵⁰⁸ Sections, LAL-Electronic Aircraft Instrument Lab. (General Correspondence)

⁴⁹⁴ Superchargers, Roots

 ⁴⁹⁵ Divisions, Langley-Theoretical Aerodynamics Division AT286-1 Physical Research Division (General Correspondence) Theoretical Research Division (General Correspondence)

⁴⁹⁶ Instruments, Physical Research

⁴⁹⁷ Research-Proposed (Langley)-Physical Research now Theoretical Mechanical Div.

⁴⁹⁸ Divisions, Langley-Technical Service Division (General Correspondence)

⁴⁹⁹ Instruments, Technical Service

⁵⁰⁰ Radar Equipment and Problems-Telemetering and Space Flight Tracking

⁵⁰¹ Sections, Langley-Metallurgical Unit (General Correspondence)

⁵⁰² Instruments-Performance and Flight Results, Summary of

⁵⁰³ Sections, Langley-Carpenter Shop (General Correspondence)

⁵⁰⁴ Sections, Langley-Drafting Room (General Correspondence)

⁵⁰⁵ Sections, Langley-Instrument Service Section (General Correspondence)

⁵⁰⁶ Sections, Langley-Machine Shop (General Correspondence)

⁵⁰⁷ Sections, Langley-Instrument Calibration Laboratory (General Correspondence)

Series III: Microfilm Copies of Subject Correspondence Files, 1920-1984, 388 MIC-B containers.

Room H, Microfilm Cabinet 23, Drawers 1-5:					
Roll #'s 1-88	Drawer 1	(MIC-B)			
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Series V: Management Files, 1980-1996, 29 FRC-S containers.

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	N-01-08-04-02 to N-01-08-04-06	255-98-0009

Series VI: Office Records of the Scout Project, 1956-1995, 214 containers.

133 FRC-O containers61 LTA-S containers19 FRC-H containers1 MIC-O container

Location: All NASA Scout records were sent to the National Archives at Atlanta, Georgia. 5780 Jonesboro Road Morrow, Georgia 30260 Phone: 770-968-2100 Email: atlanta.archives@nara.gov URL: http://www.archives.gov/southeast/

Series VII: Intergovernmental Personnel Act, 1993-1995 and Personnel Mobility Agreements, 1989-1991, 1 FRC-S container.

Location: N-01-08-04-01