

Kraft, Christopher C., Papers

Christopher C. Kraft Papers

1941-1998



Title Statement

Kraft, Christopher C., Papers Christopher C. Kraft Papers, 1941-1998 (Bulk 1941-1982) Ms.1985.001

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Profile Description

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Descriptive Summary

Unit ID

Ms.1985.001

Unit Date

1941-1998

Unit Date

1941-1982

Language

The materials in the collection are in English.

Abstract

The Christopher C. Kraft Papers consists of approximately 28 cu. ft. of manuscripts, particularly NACA and NASA reports and documents, meeting notes and agendas, and research materials. A later donation contains the manuscript for 2001 Kraft's autobiography. Kraft (1924-2019) graduated from Virginia Polytechnic Institute (Virginia Tech) in 1944 and went on to become NASA's first flight director and the director of the Johnson Space Center.

Creator

Kraft, Christopher C. (Christopher Columbus), 1924-2019

Extent

28 Cubic Feet 27 boxes; 6 folders [plus 2 boxes of duplicate materials]

Physical Location

Please note: The majority of this collection is in off-site storage and requires 2-3 days notice for retrieval. Oversize materials are on-site. Please contact Special Collections and University Archives for more information.

Repository

Special Collections and University Archives, Virginia Tech

Administrative Information

Conditions Governing Access

The collection is open for research.

Conditions Governing Reproduction and Use

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Source of Acquisition

The majority of the collection was given to Newman Library in November 1985 and formally donated in April 1986. 14 Apollo photographs were donated in March 1971 and merged with the rest of the collection after its donation in 1985/1986. Additional materials were donated to Special Collections in December 2002 and January 2003.

Processing Information

Initial processing, arrangement, and description of the Christopher C. Kraft Papers was completed in the late 1980s. During 2010 and 2011, materials were re-folded and oversize items were removed from boxes. The existing folder list was revised against the collection contents, and a new finding aid was created.

Preferred Citation

Researchers wishing to cite this collection should include the following information: [identification of item], [box], [folder], Christopher C. Kraft Papers, Ms1985-001, Special Collections and University Archives, Virginia Tech, Blacksburg, Va.

Biographical Note

Christopher Columbus Kraft, Jr. was born on February 28, 1924, in Phoebus, Virginia. He received his BS degree in aeronautical engineering from Virginia Polytechnic Institute (Virginia Tech) in December 1944.

Kraft joined the Langley Aeronautical Laboratory of the National Advisory Committee for Aeronautics (NACA) in 1945 as a flight engineer. In October 1958, he was selected as one of the original members of the National Aeronautics and Space Administration (NASA) Space Task Group, which had been established to manage Project Mercury, the nation's first project to put a man in space. In the early phases of Project Mercury, Kraft was a prime contributor to the development of many of the basic mission and flight control techniques used in manned space flight. He personally served as Flight Director for all the Mercury missions and many of the Gemini missions. During the latter phase of Project Mercury, he directed the design and implementation of the Mission Control Center at the Johnson Space Center (originally the Manned Spacecraft Center) in Houston, from which all of NASA's manned space flights have been conducted. Kraft was named deputy director of the Manned Spacecraft Center in 1970, and later director in 1972. He retired from NASA in 1982 and subsequently served as a consultant for various corporations. In 2001, Kraft's autobiography, *Flight: My Life in Mission Control* was published.

Kraft has been the recipient of a number of awards and honors, including three honorary doctorates (Indiana Institute of Technology, 1966; St. Louis University, 1967; and Villanova University, 1979); the NASA Outstanding Leadership Medal, 1963; the NASA Distinguished Service Medal, 1969; the American Astronautical Society's Space Flight Award, 1970; and the Ambassador of Exploration Award, 2006. In 2011, the Johnson Space Center renamed its Mission Control Center the Christopher C. Kraft Jr. Mission Control Center in his honor.

Kraft died on July 22, 2019, at the age of 95.

Recent News:

- [NASA Names Mission Control for Legendary Flight Director Christopher Kraft, April 14, 2011](#)
- [Air & Space Magazine Interview, March 17, 2010](#)
- [Johnson Space Center Oral History Project](#)

Scope and Content

The Christopher C. Kraft Papers consists of approximately 28 cu. ft. of manuscripts, particularly NACA and NASA reports and documents, meeting notes and agendas, and research materials. A later donation contains the manuscript for Kraft's autobiography.

From Kraft's early years at Langley Flight Research Division, the collection includes notes, calculations, and drawings for many projects (testing the stability and control of the X-1, P-47 Thunderbolt, and P-51 H Mustang airplanes, for example). It also includes calculations and draft reports on the gust-alleviation system designed by Kraft and then-division head, William Hewitt Phillips.

The collection contains heavily-annotated editions of "Mission Rules" for Project Mercury, extensive files of post-launch reports and astronaut debriefing transcripts from Kraft's early NASA years (1958-1970), as well as correspondence, notes, and memoranda. Materials from Kraft's later years at NASA (1970-1982) include professional notes, detailing meetings and telephone conversations, plus meeting agendas, memos, and other work documents.

Related Archival Materials

There are also collections from several individuals with whom Kraft worked or knew available at Special Collections and University Archives:

Ms2024-064, Christopher Kraft and Neil Armstrong Collection

Ms2024-065, Christopher Kraft Letter to Elizabeth Plank

Ms1987-057, Melvin N. Gough Papers

Ms1990-053, Robert R. Gilruth Papers

Ms2005-019, William Hewitt Phillips Papers

There is an oral history with Christopher C. Kraft, available online, in the VT Stories Oral History Collection, Ms2016-015.

Keywords

Archives of American Aerospace Exploration (AAAE)

Science and Technology

Aeronautical engineers

United States -- National Advisory Committee for Aeronautics -- Officials and employees

United States -- National Aeronautics and Space Administration -- Officials and employees

Students and alumni

University History

Kraft, Christopher C. (Christopher Columbus), 1924-2019

Lyndon B. Johnson Space Center (1973-)

Project Mercury (U.S.)

Langley Aeronautical Laboratory

Manned Spacecraft Center (1961-1973) (U.S.)

Project Apollo (U.S.)

Project Gemini (U.S.)

United States. National Advisory Committee for Aeronautics

United States. National Aeronautics and Space Administration

Virginia Polytechnic Institute (1944-1970)

Virginia Polytechnic Institute and State University (1970-)

Rights Statement for Archival Description

Arrangement

For the most part, the collection is arranged in chronological order. Whenever the exact date is unknown, materials are filed at the end of the known month or year. Oversize drawings, sketches, blueprints, calculations, graphs, and charts were removed from the collection and are arranged in their original order in folders. Oversize newspaper clippings, for preservation purposes, are in a separate oversize folder.

Description of Subordinate Components

1941

Handbook of Mathematical Tables and Formulas

Unit Date 1941

box-folder 1 (box)

Container 1 (folder)

U.S. War Department Manual on Physiological Aspects of Flying

Unit Date 1941

box-folder 1 (box)

Container 2 (folder)

1942

U.S. War Department Publication on Strength of Aircraft Elements

Unit Date 1942

box-folder 1 (box)

Container 3 (folder)

1944

VPI Aeronautical Engineering Department: Lab Reports

Unit Date 1944

box-folder 1 (box)

Container 4 (folder)

1945

Course Notes: Appreciation and Prediction of Flying Qualities

Unit Date 1945

box-folder 1 (box)

Container 5 (folder)

Notes on NACA Symbols, Definitions, and Airplane Axes

Unit Date c. 1945

box-folder 1 (box)

Container 6 (folder)

P47-D: Airspeed Calibrations

Unit Date 1945

box-folder 1 (box)

Container 7 (folder)

P47-D: Photographs

Unit Date 1945

box-folder 1 (box)

Container 8 (folder)

P47-D: Reports and Calculations

Unit Date 1945

box-folder 1 (box)

Container 9 (folder)

P47-D: Reports and Calculations

Unit Date 1945

box-folder 1 (box)

Container 10 (folder)

P47-D: Reports and Calculations

Unit Date 1945

box-folder 1 (box)

Container 11 (folder)

P51-H: Airspeed Calibrations

Unit Date 1945

box-folder 1 (box)

Container 12 (folder)

1946**P51-H: Photographs**

Unit Date 1946

box-folder 1 (box)

Container 14 (folder)

P51-H: Memoranda

Unit Date 1946

box-folder 1 (box)

Container 13 (folder)

P51-H: Reports

Unit Date 1946

box-folder 1 (box)

Container 15 (folder)

P51-H: Reports

Unit Date 1946

box-folder 1 (box)

Container 16 (folder)

1947

Index of NACA Technical Publications

Unit Date 1915-1947

box-folder 1 (box)

Container 17 (folder)

Research Memorandum on the Stability and Control of the P51-H

Unit Date 1947

box-folder 1 (box)

Container 18 (folder)

X-51 Auto Pilot: Photographs

Unit Date c. 1947

box-folder 1 (box)

Container 19 (folder)

Miscellaneous Papers on Roll Stability

Unit Date 1947-1958

box-folder 1 (box)

Container 20 (folder)

Langley Golf League Records

Unit Date 1947-1958

box-folder 1 (box)

Container 21 (folder)

X-51 Drop Model: Notes

Unit Date 1947

box-folder 1 (box)

Container 22 (folder)

1948

Bench Set-Up Gust Alleviator: Drawings

Unit Date 1948

box-folder 1 (box)

Container 23 (folder)

Free-fall Test of Bell XS-1 Airplane: Report

Unit Date 1948

box-folder 1 (box)

Container 24 (folder)

NACA Public Relations Brochure: The Organization-Research Activities and Facilities of the NACA

Unit Date 1948

box-folder 1 (box)

Container 25 (folder)

NAVAER SR-119B: Specification for Flying Qualities of Piloted Airplanes

Unit Date 1948

box-folder 1 (box)

Container 26 (folder)

1949

Bench Set-Up Gust Alleviator: Data

Unit Date 1949

box-folder 1 (box)

Container 27 (folder)

Calculations of the Wave Drag at Supersonic Speeds of Non-Lifting Wings with Arbitrary Sweepback and Aspect Ratio

Unit Date 1949

box-folder 1 (box)

Container 28 (folder)

Canard Drop Model: Notes

Unit Date 1949

box-folder 1 (box)

Container 29 (folder)

Canard Drop Model: Report and Calculations

Unit Date 1949

box-folder 1 (box)

Container 30 (folder)

Canard Drop Model: Report on Free-fall Characteristics

Unit Date c. 1949

box-folder 1 (box)

Container 31 (folder)

Canard Drop Model: Talk for Transonic Conference

Unit Date 1949

box-folder 1 (box)

Container 32 (folder)

Canard Drop Model Report: Data

Unit Date 1949

box-folder 1 (box)

Container 33 (folder)

Canard Drop Model Report: Miscellaneous

Unit Date 1949

box-folder 1 (box)

Container 34 (folder)

Canard Drop Model Report: Miscellaneous**Unit Date** 1949**box-folder** 1 (box)**Container** 35 (folder)**Canard Drop Model Report: Rough Draft****Unit Date** 1949**box-folder** 1 (box)**Container** 36 (folder)**Canard Drop Model Report: Speech****Unit Date** 1949**box-folder** 1 (box)**Container** 37 (folder)**Caricature of Christopher Kraft****Unit Date** c. 1949**box-folder** 1 (box)**Container** 38 (folder)**FrD Drop Model NO.1: Photographs****Unit Date** c. 1949**box-folder** 2 (box)**Container** 1 (folder)**FRD Drop Model No.3****Unit Date** 1949**box-folder** 2 (box)**Container** 2 (folder)**REAC: Operation, Basic Concepts, Phillips Problem****Unit Date** c. 1949**box-folder** 2 (box)**Container** 3 (folder)**Transparencies "For Kraft from Brown"****Unit Date** c. 1949**box-folder** 2 (box)**Container** 4 (folder)**Loads Committee: Work on F-80 Tail loads during gunnery runs****Unit Date** 1949-1952**box-folder** 2 (box)**Container** 5 (folder)**Notebook (disbound) containing Reports on Flight Stability and Control, Flying Qualities, etc.****Unit Date** 1949-1956**box-folder** 2 (box)**Container** 6 (folder)

Notebook (disbound) containing Memos on Flight Stability and control, Flying Qualities, etc.

Unit Date 1949-1956

box-folder 2 (box)

Container 7 (folder)

Notebook (disbound) containing Notes on Flight Stability and Control, Flying Qualities, etc.

Unit Date 1949-1956

box-folder 2 (box)

Container 8 (folder)

NASA Safety Guide

Unit Date c. 1949

box-folder 3 (box)

Container 33 (folder)

1950

NACA Report: Drag and Longitudinal Stability and Control Characteristics of a Concord Model at Transonic Speeds

Unit Date 1950

box-folder 2 (box)

Container 9 (folder)

Proceedings, NACA Conference on "Some Problems of Aircraft Operation"

Unit Date 1950

box-folder 2 (box)

Container 10 (folder)

Tables and Charts on Air Speed and Air Speed Indication

Unit Date c. 1950

box-folder 2 (box)

Container 11 (folder)

XF-91 Drag Calculations

Unit Date 1950

box-folder 2 (box)

Container 12 (folder)

1951

Technical Note 2416: Methods of Increasing the Smoothness of Flight Through Rough Air

Unit Date 1951

box-folder 2 (box)

Container 14 (folder)

Notes for Servo Course Lectures - IRD

Unit Date 1951

box-folder 2 (box)

Container 15 (folder)

Miscellaneous Clipped Articles on Automatic Flight Control

Unit Date 1951
box-folder 2 (box)
Container 16 (folder)

NACA Technical Notes: No. 2238, No. 2275, No. 2311, No.2415

Unit Date 1951
box-folder 2 (box)
Container 17 (folder)

NACA Technical Note 2415: Experimental Study of Angle of Attack Vane Mounted Ahead of the Nose of an Airplane for use as a sensing device for and Acceleration Alleviator

Unit Date 1951
box-folder 2 (box)
Container 13 (folder)

1952

SAE Controls Committee

Unit Date 1952-1957
box-folder 3 (box)
Container 20 (folder)

NACA Technical Notes: No. 1101, No.2675, No. 3313

Unit Date 1952
box-folder 2 (box)
Container 18 (folder)

Hirsch, Rene - Correspondence Regarding Gust Alleviation

Unit Date 1952
box-folder 2 (box)
Container 19 (folder)

Calculations for Nike and Sparrow Rockets

Unit Date 1952
box-folder 2 (box)
Container 20 (folder)

1953

NACA: Security Regulations

Unit Date 1953
box-folder 2 (box)
Container 21 (folder)

Analysis of a Vane Controlled Gust Alleviation System

Unit Date 1953
box-folder 2 (box)
Container 22 (folder)

NACA Technical Note: No 28599, No.3243

Unit Date 1953

box-folder 2 (box)

Container 23 (folder)

Miscellaneous Suppliers' Literature

Unit Date 1953

box-folder 2 (box)

Container 24 (folder)

Vortices: Speech for Department Meeting at Cleveland

Unit Date 1953

box-folder 2 (box)

Container 25 (folder)

1954

Talk at VPI on Gust Alleviation

Unit Date 1954

box-folder 2 (box)

Container 26 (folder)

Proceedings,NACA Conference on some Problems of Aircraft Operation

Unit Date 1954

box-folder 2 (box)

Container 28 (folder)

Notes and Drafts of Speech of Gust Alleviation

Unit Date 1954

box-folder 2 (box)

Container 27 (folder)

Trailing Vortices: Notes for Presentation

Unit Date 1954

box-folder 2 (box)

Container 29 (folder)

Trailing Vortices: Report on Strength and Persistence

Unit Date 1954

box-folder 2 (box)

Container 30 (folder)

Trailing Vortices: Photographs

Unit Date 1954

box-folder 2 (box)

Container 31 (folder)

NACA Technical Note NO. 3377

Unit Date 1954

box-folder 2 (box)

Container 32 (folder)

1955

NACA Proceedings: Conference on Automatic Stability and Control of Aircraft

Unit Date 1955

box-folder 2 (box)

Container 33 (folder)

C-45 Speech for Conference on Automatic Control

Unit Date 1955

box-folder 2 (box)

Container 34 (folder)

Talk on Gust Alleviation System: Automatic Control of Gust Response

Unit Date 1955

box-folder 3 (box)

Container 35 (folder)

Talk of Gust Alleviation System for Patuxent Test Pilots

Unit Date 1955

box-folder 2 (box)

Container 36 (folder)

XB-51: Preliminary Calculations

Unit Date 1955

box-folder 2 (box)

Container 37 (folder)

Notes on Analysis of Vibration Absorber

Unit Date 1955

box-folder 2 (box)

Container 38 (folder)

1956

Cornell University Report: Mechanically Implemented Normal Acceleration Limiting System

Unit Date June 1956

box-folder 3 (box)

Container 1 (folder)

Memorandum: Airplane Motions and Vertical-Tail Loads when Passing Another Plane at Low Supersonic Speeds

Unit Date October 1, 1956

box-folder 3 (box)

Container 2 (folder)

Presentations: Piloting Problems Incurred on Ballistic Re-Entry, October-November

Unit Date 1956

box-folder 3 (box)

Container 3 (folder)

Douglas Aircraft Company Paper: Gust Alleviation

Unit Date November 14, 1956

box-folder 3 (box)

Container 4 (folder)

ARDC Regulation Regarding Development Testing of Guided Missiles

Unit Date November 20, 1956

box-folder 3 (box)

Container 5 (folder)

Forty Years of Aeronautical Research

Unit Date 1956

box-folder 3 (box)

Container 6 (folder)

NACA Technical Note No. 3635, No. 3702

Unit Date 1956

box-folder 3 (box)

Container 7 (folder)

Index of NACA Technical Publications

Unit Date 1956-1957

box-folder 3 (box)

Container 10 (folder)

1957**NACA Technical Note No. 3954, No. 4046, No. 4047, No. 4171**

Unit Date 1957

box-folder 3 (box)

Container 8 (folder)

Speech for Loads Conference: Gust Alleviation

Unit Date 1957

box-folder 3 (box)

Container 11 (folder)

Range Recovery Materials

Unit Date 1957-1958

box-folder 3 (box)

Container 12 (folder)

Personnel Memos

Unit Date 1957-1961

box-folder 3 (box)

Container 13 (folder)

Miscellaneous Personnel Records

Unit Date 1957-1961

box-folder 3 (box)

Container 14 (folder)

1958

NACA Technical Note No. 4196, No. 4276, D-173

Unit Date 1958-1959

box-folder 3 (box)

Container 9 (folder)

Talk to Patuxent Test Pilots: F80-1 Navy Airplane

Unit Date May 21, 1958

box-folder 3 (box)

Container 15 (folder)

Air Force Ballistic Missile Division Memo: Flight Test Procedures

Unit Date May 1958

box-folder 3 (box)

Container 16 (folder)

Aeronautics Committee of the SAE Technical Board

Unit Date July 1958

box-folder 3 (box)

Container 17 (folder)

RCA Report: Downrange Antiballistic Measurement Program

Unit Date c . 1958

box-folder 3 (box)

Container 18 (folder)

Pressure Switch Test Results

Unit Date 1958-1959

box-folder 3 (box)

Container 19 (folder)

SAE Controls Committee

Unit Date 1958

box-folder 3 (box)

Container 21 (folder)

C-45 Gust Alleviation Report

Unit Date c. 1958

box-folder 4 (box)

Container 18 (folder)

Miscellaneous photos, certificates, etc.

Unit Date 1958-?

box-folder 26 (box)

Container 1 (folder)

1959

Draft: NASA Modus Operandi on Atlantic Missile Range

Unit Date January 1959

box-folder 3 (box)

Container 22 (folder)

Convair-Astronautics Report: Preliminary Passenger Insertion Study: Project Mercury

Unit Date April 24, 1959

box-folder 3 (box)

Container 23 (folder)

Launching of a Manned Missile

Unit Date June 3, 1959

box-folder 3 (box)

Container 24 (folder)

Proposal: Inflight Abort-Control System

Unit Date June 1959

box-folder 3 (box)

Container 25 (folder)

Convair-Astronautics Report: Test Equipment Program for Abort Sensing and Implementation System for MA Flights

Unit Date July 17, 1959

box-folder 3 (box)

Container 26 (folder)

Project Mercury Mission Document: Mercury-Atlas Mission No.1

Unit Date October 1, 1959

box-folder 3 (box)

Container 27 (folder)

Talk to Society of Experimental Test Pilots: Mercury Program

Unit Date October 9, 1959

box-folder 3 (box)

Container 28 (folder)

Notes and Materials Related to Talk to Society of Experimental Test Pilots: Mercury Program

Unit Date October 9, 1959

box-folder 3 (box)

Container 29 (folder)

Project Mercury: Documentation/Communication Plans

Unit Date November 2, 1959

box-folder 3 (box)

Container 30 (folder)

Senate Report: Project Mercury Man-in-Space Program

Unit Date December 1, 1959

box-folder 3 (box)

Container 31 (folder)

Project Mercury Mission Document for Mercury-Redstone No.1

Unit Date December 15, 1959

box-folder 3 (box)

Container 32 (folder)

Liquid Oxygen Valve Installation

Unit Date 1959-1960

box-folder 3 (box)

Container 34 (folder)

Personal Correspondence

Unit Date 1959-1960

box-folder 3 (box)

Container 35 (folder)

1960

Review of Operational Plans for Mercury Orbital Mission

Unit Date January 1960

box-folder 4 (box)

Container 1 (folder)

Programs for Contractors' Briefing at WADC on Mercury Program

Unit Date February 3, 1960

box-folder 4 (box)

Container 2 (folder)

Program: Project Mercury Aeromedical Flight Controller Briefing

Unit Date May 23-27, 1960

box-folder 4 (box)

Container 3 (folder)

NASA Technical Note D-253

Unit Date May 1960

box-folder 4 (box)

Container 4 (folder)

Project Mercury Discussion

Unit Date June 20, 1960

box-folder 4 (box)

Container 5 (folder)

Agenda: Briefing for Nigerian Visitors on Project Mercury

Unit Date July 13, 1960

box-folder 4 (box)

Container 6 (folder)

Post-Launch Report: Mercury-Atlas No. 1

Unit Date August 2, 1960

box-folder 4 (box)

Container 7 (folder)

Draft Memorandum: Abort Control Power Circuits

Unit Date September 2, 1960

box-folder 4 (box)

Container 8 (folder)

Project Mercury: Florida Test Procedure for MR-1, Section V

Unit Date September 10, 1960

box-folder 4 (box)

Container 9 (folder)

Project Mercury: Florida Test Procedure for MR-1, Section V

Unit Date September 10, 1960

box-folder 4 (box)

Container 10 (folder)

Project Mercury: Florida Test Procedure for MR-1, Section II

Unit Date September 15, 1960

box-folder 4 (box)

Container 11 (folder)

Convair-Astronautics Report: Flight Test Directive Mercury/Atlas Vehicle 77D

Unit Date November 4, 1960

box-folder 4 (box)

Container 12 (folder)

Project Mercury Flight Test Report: Mercury/ Atlas Mission No.1

Unit Date November 4, 1960

box-folder 4 (box)

Container 13 (folder)

Launch Procedure, Mercury MA-2

Unit Date November 16, 1960

box-folder 4 (box)

Container 14 (folder)

Post-Launch Report: Mercury-Redstone No. 1A

Unit Date December 22, 1960

box-folder 4 (box)

Container 15 (folder)

Project Mercury Flight Test Report: Little Joe Mission No.5

Unit Date December 23, 1960

box-folder 4 (box)

Container 16 (folder)

1961

NASA Technical Note D-532

Unit Date January 1961

box-folder 4 (box)

Container 17 (folder)

Post-Launch Report: Mercury-Redstone No.2

Unit Date February 13, 1961

box-folder 4 (box)

Container 19 (folder)

Project Mercury Operational Discussion

Unit Date February 13, 1961

box-folder 4 (box)

Container 20 (folder)

President's Ad Hoc Panel on Project Mercury

Unit Date March 1-5, 1961

box-folder 4 (box)

Container 21 (folder)

Notes: Speech to Presidential Commision

Unit Date March 3, 1961

box-folder 4 (box)

Container 22 (folder)

Post-Launch Report: Mercury Atlas No. 2

Unit Date March 13, 1961

box-folder 4 (box)

Container 23 (folder)

Post-Launch report: Mercury-Little Joe No.5A

Unit Date April 11, 1961

box-folder 4 (box)

Container 24 (folder)

Memorandum Report for the Project Director

Unit Date April 28, 1961

box-folder 4 (box)

Container 25 (folder)

Flight Plan for the MR-3 Manned Flight: Paper Presented at Conference on Medical Results of the First U.S. Manned Suborbital Space Flight

Unit Date June 6, 1961

box-folder 4 (box)

Container 26 (folder)

Post-Launch Report: Mercury-Little Joe Mission 5B

Unit Date June 12, 1961

box-folder 4 (box)

Container 27 (folder)

Post-Launch Report: Mercury-Redstone No.3

Unit Date June 16, 1961

box-folder 4 (box)

Container 28 (folder)

MR-4 Post Flight Debriefing of Virgil I. Grissom

Unit Date July 21, 1961

box-folder 4 (box)

Container 31 (folder)

Post Launch Memorandum Report: Mercury Redstone No.4

Unit Date August 6, 1961

box-folder 4 (box)

Container 32 (folder)

MR-3 Post-Flight Debriefing of Alan B. Shepard, Jr.

Unit Date August 22, 1961

box-folder 4 (box)

Container 33 (folder)

Post-Launch Report: Mercury-Redstone Mission 4

Unit Date September 22, 1961

box-folder 4 (box)

Container 34 (folder)

Post Launch Memorandum Report: Mercury-Atlas No.4

Unit Date October 7, 1961

box-folder 4 (box)

Container 35 (folder)

Post Launch Report: Mercury-Atlas Mission No.4

Unit Date November 10, 1961

box-folder 4 (box)

Container 36 (folder)

Post Launch Memorandum Report: Mercury-Atlas No.5

Unit Date December 6, 1961

box-folder 4 (box)

Container 37 (folder)

Personal Correspondence

Unit Date 1961-1962

box-folder 5 (box)

Container 22 (folder)

1962

Mission Rules: Ma-6/13

Unit Date June 1961- January 1962

box-folder 4 (box)

Container 29 (folder)

Miscellaneous Material: Ma-6/13

Unit Date June 1961- January 1962

box-folder 4 (box)

Container 30 (folder)

Post-Launch Memorandum for Mercury-Atlas No.6

Unit Date March 5, 1962

box-folder 5 (box)

Container 1 (folder)

Notes: Gemini Briefing

Unit Date March 7, 1962

box-folder 5 (box)

Container 2 (folder)

Notes: Apollo Briefing

Unit Date March 7, 1962

box-folder 5 (box)

Container 3 (folder)

Project Mercury Post-Launch Report: Mercury-Atlas Mission 5: Part 1 Mission Analysis

Unit Date March 9, 1962

box-folder 5 (box)

Container 4 (folder)

Project Mercury Post Launch Report: Mercury-Atlas Mission 5: Part II Data

Unit Date March 9, 1962

box-folder 5 (box)

Container 5 (folder)

MA-6 Communications: Text with Time Correlation

Unit Date March 15, 1962

box-folder 5 (box)

Container 6 (folder)

Mercury Operational Experience: Paper Presented at the Institute of Aerospace Sciences Conference

Unit Date April 30, 1962-May 2, 1962

box-folder 5 (box)

Container 7 (folder)

Flight Controller Handbook Spacecraft 18

Unit Date April 26, 1962

box-folder 5 (box)

Container 8 (folder)

Mercury Operational Experience: Paper Presented at the Institute of Aerospace Sciences Conference

Unit Date April 30, 1962-May 2, 1962

box-folder 5 (box)

Container 9 (folder)

MA-7/18: Mission Rules and Other Material

Unit Date April 1962-May 1962

box-folder 5 (box)

Container 10 (folder)

Results of the Second United States Manned Orbital Space Flight

Unit Date May 24, 1962

box-folder 5 (box)

Container 11 (folder)

MA-6 Communications: Text with Time Correlation

Unit Date March 15, 1962

box-folder 5 (box)

Container 12 (folder)

MA-7: Report to Flight Director, Flight Plan, and Mission Briefing Agenda, etc.

Unit Date May 1962-June 1962

box-folder 5 (box)

Container 13 (folder)

Post-Launch Memorandum Report: Mercury-Atlas No.7

Unit Date June 15, 1962

box-folder 5 (box)

Container 14 (folder)

Second United States Manned Orbital Space Flight Conference

Unit Date August 1962

box-folder 5 (box)

Container 15 (folder)

Presentation to President John F. Kennedy on Mission Control Operations during Future Lunar Landings

Unit Date September 10-12, 1962

box-folder 5 (box)

Container 16 (folder)

MA-8/16: Mission Rules, Notes, and Memos

Unit Date September 1962-October 1962

box-folder 5 (box)

Container 17 (folder)

Results of the Third United States Manned Orbital Space Flight

Unit Date October 3, 1962

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Container 18 (folder)

Post-Launch Memorandum Report for Mercury-Atlas No.8

Unit Date October 23, 1962

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Container 19 (folder)

Apollo Project: Memoranda and Correspondence

Unit Date 1962-1963

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Container 20 (folder)

Virginia Tech: Correspondence

Unit Date 1962-1963

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Container 21 (folder)

1963

Briefing to Presidential Scientific Advisory Committee

Unit Date March 3, 1963

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NASA-USAF Gemini Briefing

Unit Date March 14, 1963

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Container 24 (folder)

Audio Tape Segment on Re-entry (Retrofire/Gym)Enos

Unit Date March 1963

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Container 25 (folder)

Management Advisory Committee for Manned Space Flight

Unit Date April 3, 1963

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Container 1 (folder)

Mission Control for Manned Space Flight: Presentation to American Institute of Aeronautics Conference

Unit Date April 22-24, 1963

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Container 2 (folder)

Proceedings: AIAA Second Manned Space Flight Meeting

Unit Date April 22-24, 1963

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Container 3 (folder)

Mercury Project Summary: Results of the Fourth Manned Orbital Flight

Unit Date May 15-16, 1963

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Container 4 (folder)

A Review of the Knowledge Acquired from the First Manned Satellite Program: Presentation at the Virginia Tech Conference on Artificial Satellites

Unit Date August 16, 1963

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Conference on Artificial Satellites

Unit Date August 16, 1963

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Container 6 (folder)

Seminar on Engineering Design and Operation of Manned Spacecraft: Mission Planning and Philosophy

Unit Date August 1963

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VPI Alumni Association Presentation

Unit Date September 20, 1963

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Container 8 (folder)

Briefing Materials Prepared for Dr. Robert G. Seamans and Dr. George E. Mueller

Unit Date September 20-21, 1963

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Container 9 (folder)

"What We Learned from Project Mercury": Article in Think Magazine

Unit Date October 1963-December 1963

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Container 10 (folder)

Post Launch Memorandum Report: Apollo Pad Abort I

Unit Date November 13, 1963

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Container 11 (folder)

President's Scientific Advisory Commission Presentation

Unit Date November 15, 1963

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Container 12 (folder)

Apollo Contractor Executive Briefing

Unit Date December 4, 1963

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Container 13 (folder)

Review of Knowledge Acquired from the First Manned Satellite Program: Typescript

Unit Date c. 1963

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Container 14 (folder)

Arthur S. Flemming Award, District of Columbia Jaycees

Unit Date December 1963-March 1964

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Container 15 (folder)

Personal Correspondence

Unit Date 1963

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Container 16 (folder)

Results of the Project Mercury Ballistic and Orbital Chimpanzee Flights

Unit Date 1963

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Container 17 (folder)

1964**Review of Proposed Apollo Spacecraft Development Program: Memorandum**

Unit Date January 20, 1964

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Container 18 (folder)

Presentation to 92nd Strategic Aerospace Wing

Unit Date February 7, 1964

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Container 19 (folder)

Apollo Flight Operations: Paper Presented to the American Astronautical Society Annual Meeting

Unit Date May 4-7, 1964

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Container 20 (folder)

VPI Alumni Association Presentation

Unit Date May 18, 1964

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Container 21 (folder)

Post-Launch Report for Apollo mission A-001

Unit Date May 28, 1964

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Post-Launch Report for Apollo Mission A-101

Unit Date June 18, 1964

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Container 23 (folder)

Presentations: Science and Technology Advisory Committee for Manned Space Flight

Unit Date June 30, 1964

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Container 24 (folder)

Manned Spacecraft Center's Briefing and Tour for Dr. Seamans and Dr. Mueller

Unit Date August 27, 1964

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Container 25 (folder)

Mueller Presentation to Manned Spacecraft Center Senior Staff

Unit Date October 5, 1964

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Container 26 (folder)

AIAA/NASA Third Manned Space Flight Meeting

Unit Date November 4-6, 1964

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Container 27 (folder)

Materials for Speech at AIAA/NASA Third Manned Space Flight Meeting

Unit Date November 4-6, 1964

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Container 28 (folder)

GT-2 Gemini/Titan Mission Rules: 4th/5th Revision

Unit Date December 25, 1964

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Container 29 (folder)

Personal Correspondence

Unit Date 1964

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Container 30 (folder)

VPI Correspondence

Unit Date 1964-1965

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Container 31 (folder)

Apollo Project memoranda and Correspondence

Unit Date 1964-1966

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1965**Post-Launch Report: Apollo Mission A-002**

Unit Date January 22, 1965

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Post Launch Report: Apollo Mission A-003

Unit Date June 28, 1965

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Container 2 (folder)

Post-Launch Report: Apollo Mission PA-2

Unit Date July 29, 1965

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Container 3 (folder)

Gemini Program Mission Report: Gemini IV

Unit Date July 1965

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Container 4 (folder)

Gemini V Technical Debriefing, U: Part I

Unit Date September 1, 1965

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Container 5 (folder)

Gemini Program Mission Report: Gemini VI-A

Unit Date October 1965

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Manned Space Flight Experiments Symposium: Gemini Missions III and IV

Unit Date October 18-19, 1965

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Gemini Program Mission report: Gemini V

Unit Date October 1965

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Container 8 (folder)

City of Hampton Award

Unit Date October 1965-November 1965

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Container 9 (folder)

VPI Distinguished Alumnus Citation

Unit Date November 11, 1965

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Audiotape of Convocation for Kraft

Unit Date November 11, 1965

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Gemini VI Technical Debriefing

Unit Date December 20, 1965

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Container 12 (folder)

Gemini VII Technical Debriefing

Unit Date December 23, 1965

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GT-4 Flight Crew Debriefing Transcript

Unit Date c. 1965

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Personal Correspondence

Unit Date 1965

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Container 15 (folder)

Cigar Institute of America: Cigar Man of the Year Award

Unit Date 1965-1966

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1966**Manned Space Flight Experiments Interim Report: Gemini V Mission**

Unit Date January 6, 1966

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Gemini Program Mission Report: Gemini VI-A

Unit Date January 1966

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Container 18 (folder)

Gemini Program Mission Report: Gemini VII, Cover Through Section 5-102

Unit Date January 1966

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Container 1 (folder)

Gemini Program Mission Report: Gemini VII, Section 6-1 Through End

Unit Date January 1966

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Gemini Midprogram Conference

Unit Date February 23-25, 1966

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Post-Launch Report: Apollo Mission A-004

Unit Date April 15, 1966

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Speech to Southern Gas Association: Some Aspects of Manned Space Flight Operations

Unit Date March 20, 1966

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Gemini Program Mission Report: Gemini VIII

Unit Date April 1966

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Post Launch Report: Mission AS-201

Unit Date May 6, 1966

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Honorary Doctorate: Indiana Institute of Technology

Unit Date May 1966

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Gemini IXA: Technical Debriefing

Unit Date June 11, 1966

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Container 9 (folder)

Interim Report: Manned Spaceflight Experiments: Gemini X Mission

Unit Date July 18-21, 1966

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Gemini X: Technical Debriefing

Unit Date June 11, 1966

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Gemini Program Mission Report: Gemini IX-A

Unit Date July 1966

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Gemini X: Gemini Program Mission Report, Cover Through Section 5-99

Unit Date August 1966

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Gemini X: Gemini Program Mission Report, Section 5-100 Through Section 7-70

Unit Date August 1966

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Gemini X: Gemini Program Mission Report, Section 8-1 Through End

Unit Date August 1966

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Gemini XI: Technical Debriefing

Unit Date September 19, 1966

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Post-Launch Report: Mission AS-202

Unit Date October 12, 1966

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Gemini Program Mission Report: Gemini XI

Unit Date October 1966

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Container 6 (folder)

Manned Space Flight Experiments Interim Report: Gemini IX Mission

Unit Date November 1, 1966

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Manned Space Flight Experiments Interim Report: Gemini XII Mission

Unit Date November 11-15, 1966

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Container 8 (folder)

Presentation at AIAA Meeting: Flight Operations Planning and Preparation for Manned Orbital Missions

Unit Date November 29, 1966-December 2, 1966

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Container 9 (folder)

Apollo News Symposium Presentation

Unit Date December 15, 1966

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Container 10 (folder)

Christopher Kraft, Jr. Biographical Entry in Current Biography

Unit Date 1966

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Container 11 (folder)

Personal Correspondence

Unit Date 1966

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Container 12 (folder)

VPI Correspondence

Unit Date 1966

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Container 13 (folder)

1967**Gemini Program Mission Report: Gemini XII Cover through Section 5-50**

Unit Date January 1967

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Container 14 (folder)

Gemini Program Mission Report: Gemini XII, Section 5-51 through Section 6-44

Unit Date January 1967

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Container 15 (folder)

Gemini Program Mission Report Gemini XII, Section 7-1 Through End

Unit Date January 1967

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Rotary Speech

Unit Date February 1, 1967

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Container 17 (folder)

Apollo 204 Review Board Report: Appendix A, Board Minutes

Unit Date April 5, 1967

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Container 18 (folder)

Apollo 204 Review Board Report: Appendix B, Witness Statements and Releases

Unit Date April 5, 1967

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Container 19 (folder)

Apollo 204 Review Board Report: Appendix C Section 1, Apollo Operations Handbook

Unit Date April 5, 1967

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Apollo 204 Review Board Report: Appendix C Section 2, Apollo Operations Handbook Continued

Unit Date April 5, 1967

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Apollo 204 Review Board Report: Appendix D Panels 1-4

Unit Date April 5, 1967

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Apollo 204 Review Board Report: Appendix D Panel 5

Unit Date April 5, 1967

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Apollo 204 Review Board Report: Appendix D Panels 6-10

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Apollo 204 Review Board Report: Appendix D Panels 12-17

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Apollo 204 Review Board Report: Appendix D Panels 19-21

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Apollo 204 Review Board Report: Appendix E

Unit Date April 5, 1967

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Apollo 204 Review Board Report: Appendix F and Appendix G

Unit Date April 5, 1967

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Gemini TCA Anomalies Investigation

Unit Date April 28, 1967

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Duke University Speech: The Significance of Our Space Program

Unit Date May 9, 1967

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Container 10 (folder)

Virginia Press Association Award

Unit Date June 1967

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Container 11 (folder)

Summary of Gemini Extravehicular Activity

Unit Date June 1967

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Container 12 (folder)

Tape Transcription

Unit Date June 19, 1967

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Container 13 (folder)

Presentation: Science and Technology Advisory Committee

Unit Date July 8, 1967

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Container 14 (folder)

Speech to Cape Canaveral Press Club: Progress in Flight Operations Development

Unit Date July 18, 1967

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ASME Spirit of St. Louis Award

Unit Date July 1967

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Honorary Degree: Parks College of Aeronautical Technology, St. Louis University

Unit Date July 28, 1967

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Speech: Mis-Continent Oil and Gas Association

Unit Date September 12, 1967

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Goddard Engineering Lecture Series

Unit Date September 12, 1967

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Transcript of Interview

Unit Date October 5, 1967

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Personal Correspondence

Unit Date 1967

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Summary Report: Apollo 204 Fire-Related Changes

Unit Date 1967

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Container 22 (folder)

Article for Yale Newspaper

Unit Date c. 1967

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Container 23 (folder)

1968**Apollo 4 Mission Report**

Unit Date January 1968

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Speech: Texas Safety Association

Unit Date March 19, 1968

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Container 25 (folder)

Apollo 5 Mission Report, Cover through Section 6.9-1

Unit Date March 1968

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Container 26 (folder)

Apollo 5 Mission Report, Section 6.10-1 through End

Unit Date March 1968

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Speech to Greensboro College

Unit Date April 18-19, 1968

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Container 28 (folder)

Speech to Dedicate Cullen College of Engineering Building at University of Houston

Unit Date May 3, 1968

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Apollo 6 Mission Report, Cover through Section 5.14-25

Unit Date May 1968

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Container 30 (folder)

Apollo 6 Mission Report, Section 5.14-26 through End

Unit Date May 1968

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Presentation to Aerospace Safety Advisory Panel on Flight Mission Rules

Unit Date June 12, 1968

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Apollo 7 Technical Debriefing: Part 1

Unit Date October 27, 1968

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Appolo 7 Technical Debriefing: Part 2

Unit Date October 27, 1968

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Container 3 (folder)

Apollo 7 Mission Report

Unit Date December 1968

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Container 4 (folder)

Presentation to Boeing/Michoud Employees on Flight Systems Quality in Manned Space Flight

Unit Date December 11, 1968

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Container 5 (folder)

Personal Correspondence

Unit Date 1968

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Virginia Tech Correspondence

Unit Date 1968

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Apollo 8 Technical Debriefing

Unit Date January 2, 1969

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Container 8 (folder)

Presentation to the National Wholesale Furniture Association on Apollo 8 Mission to the Moon

Unit Date January 8, 1969

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Container 9 (folder)

Virginians of Maryland Medallions of Honor Award

Unit Date January 25, 1969

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Container 10 (folder)

Apollo Mission Operation Report: Supplement

Unit Date February 25, 1969

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Container 12 (folder)

Apollo Mission Report

Unit Date February 1969

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Container 12 (folder)

Apollo 9 Mission: AS-504

Unit Date February 1969

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Container 13 (folder)

Bell Aerosystems Report: Lunar Landing Training Vehicle (Vehicle No.1) Flight Test Summary Report

Unit Date March 12, 1969

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Apollo 11: Documents and Memoranda

Unit Date March 1969-April 1969

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Mission Operations Working Group

Unit Date March 25, 1969

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Lunar Landing Training Vehicle (LLTR No.2)

Unit Date March 1969-May 1969

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Apollo 11: DCR Agenda and Exhibits

Unit Date April 8, 1969

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Manned Space Flight Council Meeting

Unit Date April 8-9, 1969

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Configuration Control Board Meeting

Unit Date April 10, 1969

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Press Briefing on Apollo Program

Unit Date April 14, 1969

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Container 21 (folder)

Post-Apollo Program Definition: NASA Management Council

Unit Date April 1969

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Container 22 (folder)

Apollo Article for The New York Times

Unit Date April 1969-June 1969

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Apollo 9 Mission Report

Unit Date May 9, 1969

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Container 24 (folder)

Presentation: Northeast Electronics Research and Engineering Meeting

Unit Date May 1969

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Container 25 (folder)

Apollo 10 Technical Crew Debriefing

Unit Date June 2, 1969

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Presentation to Operations Management Group

Unit Date June 18, 1969

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Container 27 (folder)

Apollo 11 AS-506 Mission

Unit Date June 24, 1969

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Container 28 (folder)

Interview with Kraft

Unit Date June 1969

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Container 29 (folder)

Apollo Lunar Exploration Missions: CSM Modifications

Unit Date July 7, 1969

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NASA/GAEC LMMP Configuration Control Board

Unit Date July 7, 1969

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Container 2 (folder)

Mexican Television Guide with Feature on Neil Armstrong and Apollo 11

Unit Date July 22, 1969

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Apollo 11 Letters of Appreciation

Unit Date July 29-30, 1969

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Shuttle Project: Notes and Report

Unit Date July 30, 1969

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Apollo 11 Technical Crew Debriefing

Unit Date July 31, 1969

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Apollo 11 EVA: Miscellaneous Documents

Unit Date July 1969

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Mission Operation Report: Apollo Supplement

Unit Date July 1969

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Apollo 10 Mission Report

Unit Date August 1969

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Notes on Apollo 11 Extended Mission

Unit Date August 1969

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Gilruth Interview

Unit Date August 26, 1969

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Apollo Lunar Exploration Mission Review

Unit Date September 5, 1969

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Container 12 (folder)

Lunar Samples from Apollo 11

Unit Date September 5, 1969

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Container 13 (folder)

Reference Materials for Demonstration of Lunar Surveying System, Roving Vehicles, and Data Facility Operations

Unit Date September 29-30, 1969

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Report for the Space Task Group

Unit Date September 1969

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AIAA Annual Meeting

Unit Date October 20-24, 1969

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Apollo 13 Landing Site: Fra Mauro

Unit Date October 1969

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Apollo 11 Mission Report

Unit Date November 1969

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Aeromedical Directorate Status Review

Unit Date November 26, 1969

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Apollo 12 Technical Crew Debriefing

Unit Date December 1, 1969

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Photo of Apollo 12 EVA 2 Traverse

Unit Date December 1969

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George Low Interviews

Unit Date 1969

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Apollo Project Memoranda

Unit Date 1969

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Apollo Project Memoranda, Documents, etc.

Unit Date 1969

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Container 24 (folder)

Post-Apollo Mission Definition and Status Report

Unit Date 1969

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Container 25 (folder)

Articles on Mercury, Gemini, and Apollo Flights from 'Aerospace Medicine'

Unit Date 1969-1970

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Container 27 (folder)

Personal Correspondence

Unit Date 1969

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1970**Space Shuttle Overview: McDonnell Douglas Corp.**

Unit Date January 2, 1970

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Interview with Kraft and C. Donlan

Unit Date January 15, 1970

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Speech to University Club, New York

Unit Date January 17, 1970

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Personal Notes

Unit Date January 1970-June 1970

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Shuttle Program, Phase B Study Program Review

Unit Date January 1970

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NASA FY 1971 Budget Briefing

Unit Date February 2, 1970

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Manned Space Flight Studies: First Quarterly Review

Unit Date February 11, 1970

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Space Shuttle Program: Phase B Definition

Unit Date March 13, 1970

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Review of Langley Space Shuttle Activity

Unit Date March 2, 1970

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Space Station Program: Phase B Definition

Unit Date March 13, 1970

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Preliminary Findings of the Lightning Incident During the Apollo 12 Launch

Unit Date 1970

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Apollo 12 Mission Report

Unit Date March 1970

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Article in Astronautics and Aeronautics: Flexible Yet Disciplined Mission Planning

Unit Date March 1970

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Container 13 (folder)

Space Station Second Quarterly Review

Unit Date March 1970

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Honorary Membership: Aerospace Medical Association

Unit Date March 1970-April 1970

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VPI Visiting Scholar Program: Speech

Unit Date April 23-24, 1970

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Apollo 13 Technical Crew Debriefing

Unit Date April 24, 1970

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DC-3 Space Shuttle Study, Vol I

Unit Date April 27, 1970

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Container 18 (folder)

DC-3 Space Shuttle Study, Vol. II

Unit Date April 27, 1970

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Lunar Landing Site Summary Book

Unit Date April 1970

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Proceedings: NASA Conference on Materials for Improved Fire Safety

Unit Date May 6-7, 1970

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Container 21 (folder)

Speech: Aviation/ Space Writers Association

Unit Date May 21, 1970

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Container 22 (folder)

AAS Spaceflight Award

Unit Date May 1970-June 1970

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Container 23 (folder)

Report: Apollo 13 Review Board

Unit Date June 15, 1970

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Container 24 (folder)

Report Apollo 13 Review Board - Appendix A

Unit Date June 15, 1970

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Container 25 (folder)

Report: Apollo 13 Review Board - Appendices B,C,D and E

Unit Date June 15, 1970

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Container 26 (folder)

Report: Apollo 13 Review Board - Appendices F, G, and H

Unit Date June 15, 1970

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Container 27 (folder)

Space Station Program: Phase B Definition, Third Quarterly Progress Report

Unit Date June 19, 1970

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Container 28 (folder)

Space Shuttle System: Statement of Work, Program Definition - Phase B

Unit Date June 1970

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Flight Control Division: Advanced Technology Brief Notebook

Unit Date July 17, 1970

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Press Kit: Apollo 11 Anniversary

Unit Date July 20, 1970

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Container 2 (folder)

Goodyear Aerospace Co.: Geologic Exploration with High-Resolution Radar

Unit Date July 1970

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Personal Notes

Unit Date July 1970-December 1970

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Photo Album: Apollo Cryogenic Gas Storage System Progress Review

Unit Date August 7, 1970

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John Commonsense Design Criteria Manual Memorandum: FCD Task A-15

Unit Date August 6, 1970

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Alternate Shuttle Concepts Study

Unit Date August 1970

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New Apollo Oxygen Tank Design

Unit Date August 1970

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Presentation to Space Station Utilization Conference: Space Station Operations

Unit Date September 9, 1970

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Space Shuttle: Critical Decisions Briefing

Unit Date September 15, 1970

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Tidal Gravimeter

Unit Date September 18, 1970

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Review of Shuttle Status and Issues

Unit Date September 18, 1970

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Space Shuttle Traffic Model: Notes

Unit Date September 18, 1970

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Apollo 13 Mission Report

Unit Date September 1970

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Extravehicular-Activity Experience in Manned Space Operations

Unit Date September 1970

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Container 15 (folder)

Space Shuttle Orbiter Selection Review

Unit Date October 1, 1970

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Container 16 (folder)

Space Shuttle Phase B 90-Day Review and Special Interest Topics Briefing

Unit Date October 13, 1970

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Skylab Preliminary Reference Trajectory

Unit Date October 13, 1970

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Container 18 (folder)

Engineering Memorandum: Study of Materials Selection for Space Shuttle Orbiter Structure and TPS

Unit Date October 20, 1970

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AIAA Fellows Dinner

Unit Date October 21, 1970

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Louis W. Hill Space Transportation Award

Unit Date October 22, 1970

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Major Test Facilities of the Engineering and Development Directorate

Unit Date October 1970

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Space Shuttle Launch Operations Study: First Interim Report

Unit Date November 4, 1970

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Launch Window Scans and Associated Mission Planning Data for 1972

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Space Shuttle Study: Erection, Mating, and Transporting

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Earth Resources Aircraft Project: Aircraft and Sensors

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Speech: Colorado Motor Carriers Association

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USSR/US Docking Study Review

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Five Month Review: Alternate Space Shuttle Concepts Study

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Grumann/Boeing Study: Interim SIC

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Apollo 12 Photographs,

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George Low Interviews

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Photograph of Lunar Surface Sample

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Report of the Committee on Science and Astronautics: For the Benefit of All Mankind, A Survey of the Practical Returns from Space Investment

Unit Date September 14, 1970

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Reference Material for Speeches

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Role of the Shuttle in the National Space Program: Shuttle Notes and Documents

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The Shuttle: Its Meaning to the Nation and Florida

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The Shuttle: Its Meaning to the Nation and California

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Space Shuttle: Legislative and Executive Contact Plan

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1971**Space Shuttle: Phase B, 180 Day Review Summary**

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Space Shuttle Flying Qualities

Unit Date January 20-21, 1971

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Space Shuttle: Baseline Descriptions, Vol. I

Unit Date January 25, 1971

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Space Shuttle: Baseline Descriptions, Vol.II

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Unit Date January 1971

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Terrain Photography from Gemini Spacecraft: Final Geologic Report

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NCAA Theodore Roosevelt Award

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The Shuttle Program: Its Economic Impact on California

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Earth Observation Program at MSC: Proposed Plan

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Apollo 14 Technical Crew Debriefing

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Apollo 14 Post-Launch Mission Operation Report No. 1

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Post-Skylab Missions Study

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Summary Paper: Space Program Benefits

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Shuttle Alternate Concepts Study: 8 Month Review

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Speech: Space Shuttle Development, Testing, and Operations

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IBM Participation in Phase B Shuttle Definition

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External H2 Tank Orbiter Heat-Sink Booster

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Twentieth Texas Conference

Unit Date March 26-28, 1971

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AIAA Louis W. Hill Space Transportation Award

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Skylab A: EREP Users Handbook

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Space Shuttle: The Next Logical Step

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Shuttle Phase B, 270 Day Review and Special Interest Topics

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Shuttle Program Review 270 Day Status and Selected Issues

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Aerospace Medical Association Speech

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Alt. Shuttle contract: External H2 Tank Orbiter Heat Sink Booster, 10th Month

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Post Skylab Mission Review

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Orbital External H2 Tank Study, Mid-Term Review

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Apollo 14 Mission Report

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Drone Aircraft Operational Experience (Jet Transport All-Weather Landing)

Unit Date May 1971

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Speech - Chicago Gynecological Society

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On the Moon with Apollo 15

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Boeing/ Seattle Notes and Graphics (Shuttle Boosters)

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Apollo 15 Technical Crew Debriefing

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Reusable S-1C Block I-Block II Program

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Eval. Of S-1C/ Cradle As Interim Booster

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Alt Shuttle Concepts Study/ Interim Review

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Shuttle Phase B Extension, Mid-Term Review

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Shuttle: OMSF Mid-Term Review

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Alt. Shuttle Contract Study/ Design Requirements Phased Progress Evaluation

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Phase B Shuttle Systems Study/ Interim Report to OMSF

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Board of Directors, Presbyterian Hospital, NM

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Space Rescue Considerations

Unit Date September 20-24, 1971

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Shuttle Avionics Phase B Extension Mid-Term Review

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VPI - Alumni Institute Visit to MSC

Unit Date November 12, 1971

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Plan for the Remote Sensing/ Compliance Determination System for ASCS (soil conserv.)

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Speech - Sports Celebrity Dinner, St. Louis, MI

Unit Date November 18, 1971

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Speech - Blue Ridge Section and Student Group, AIAA

Unit Date November 19, 1971

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MSC Earth Observation Program Review

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Apollo 15 - Mission Report

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Agricultural Stabilization and Conservation SVC (ASCS) Presentation RE Aerial Monitoring

Unit Date 1971

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Apollo 14 Photographs

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Flight Crew Training Aids Etc.

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Logicon, Inc Annual Report

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Lunar Module EVA Return Chart

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Unidentified Aerial (IR) Photos

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USSR Report on Luna 16

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Virginia Tech Correspondence

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S-192 Multispectral Scanner Review

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National VFW Space Award

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On the Moon with Apollo 16

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Unit Date April 1972

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Personal Notes

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Apollo 16 Technical Crew Debriefing

Unit Date May 5, 1972

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National Association of Credit Management

Unit Date May 22, 1972

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Personal Notes

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Colorado College Lecture

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Men of Science Award

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Kraft Interview by Robert Sherrod

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Apollo 16 Mission Report

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Houston Baptist College Speech

Unit Date September 28, 1972

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Personal Notes

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Personal Notes

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Gilruth Interview by Robert Sherrod

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Unit Date November 1972

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Kraft Interview by Henry Still

Unit Date December 16, 1972

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On the Moon with Apollo 17

Unit Date December 1972

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George Low Interview with Robert Sherrod

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Reference Material for CCK Speeches

Unit Date 1972

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Container 41 (folder)

Results of Public Opinion Survey Re Space Program

Unit Date c. 1972

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Unit Date 1972

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Unit Date January 31, 1973

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Unit Date January 1973

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University of Houston, Speech

Unit Date February 10, 1973

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Delaware NSPE Speech, Wilmington, DE

Unit Date February 20, 1973

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Personal Notes

Unit Date February 1973

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Skylab Supplement, Mission Operation Report

Unit Date March 1, 1973

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Goddard Memorial Dinner

Unit Date March 9, 1973

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Apollo 17 Mission Report

Unit Date March 1973

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Personal Notes

Unit Date March 1973

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Unit Date April 1973

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Mannual for 70mm Hand-Held Photography from SkyLab

Unit Date May 1973

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Personal Notes

Unit Date May 1973

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Kraft Interview by Jones

Unit Date June 12, 1973

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Personal Notes

Unit Date June 1973

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Unit Date July 1973

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Kraft Interview by E.M. Emme and Grimwood

Unit Date August 20, 1973

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Meeting with Oil Company Executives

Unit Date August 28, 1973

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Clear Lake Chamber of Commerce Speech

Unit Date August 30, 1973

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SkyLab 3 Debriefing Notes

Unit Date October 3, 1973

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Town Hall Speech, West LA, California

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National Association of Cemeteries Conference

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Earth Observations From Space: Outlook for the Geological Sciences

Unit Date October 1973

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Evolution of the Earth's Crust

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Apollo 17 Technical Debriefing

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National Audio-Visual Association Speech

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1973 ASME Medal Award

Unit Date November 14, 1973

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Houston Chapter of Texas C.P.A's speech

Unit Date November 28, 1973

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Personal Notes

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Reference Material for CCK Speeches

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Virginia Tech Correspondence

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1974**Personal Notes**

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Skylab Mission Report, Second Visit

Unit Date January 1974

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Container 37 (folder)

Engineer of the Year, San Fernando Valley Engineers Council

Unit Date February 23, 1974

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Unit Date February 1974

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Goddard Memorial Dinner

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BOEING 747 Shuttle Carrier Documents

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Founders' Day Speech

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Shuttle Avionics Block Diagram

Unit Date April 30, 1974

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Unit Date June 1974

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3rd International Aviation Conference

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Skylab Mission Report

Unit Date June 1974

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IBM Seminar - Sands Point

Unit Date July 16, 1974

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Grumann [Review for CCK] Bethpage NY

Unit Date July 16, 1974

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SkyLab Mission Report - Third Visit

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Skylab Mission Report Supplement 3, Flight Crew Contributions

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National Agricultural Chemicals Association Speech

Unit Date September 30, 1974

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Interview with Working Group "Outlook for Space" Study

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George Low Interview By Robert Sherrod

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Unit Date February 1975

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Apollo Program Summary Report

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Houston Rotary Club Speech

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ASTP Technical Crew Debriefing

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Unit Date September 1975

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International Association of Hospitality Accountants

Unit Date September 19, 1975

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International Academy of Aviation and Space Medicine

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American Women's Society of CPAs

Unit Date October 10, 1975

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Speech at Valley Forward Association, Phoenix

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Apollo Soyuz Mission Evaluation Report

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Proposed Organization of IMCC Project Office

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List of CCK Speeches

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1976**CCK Article "Computers and the Space Program: An Overview"**

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Space Center Rotary Club, Houston

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Jockey International Speech

Unit Date February 3, 1976

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Gulfway(Houston) Rotary Club

Unit Date February 26, 1976

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Texas A&M College of Engineering

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Downtown Optimist Club, Houston

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Aerojet Booster Club, Sacramento

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National Downtowner Franchise Conference, Charlotte N.C.

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Kraft Interview by Edward Ezell

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Kraft Interview by Edward Ezell

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Airforce Association Symposium, Vandenburg Air Force Base

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Executive Committee of Houston Chamber of Commerce

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W.R.Grace & Co., Amelia Island

Unit Date May 18, 1976

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Informal Discussion with Local Businessmen's Group

Unit Date May 27, 1976

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Listing of Material in NASA Science & Technology Information Facility

Unit Date May 5, 1976

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Material for CCK Story in DuPont Magazine

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Personal Correspondence: Incoming

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Board of Directors, Houston Chamber of Commerce

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KRTH Radio Interviews Frank Haley Show

Unit Date August 17, 1976

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Harris County Association of Mayors and Councilmen

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Breakfast Club at River Oaks Country Club

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Speech at University of St. Thomas, Houston

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French Legion of Honour

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The Conference Board Speech, Houston

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Aviation Week Special Issue on Shuttle

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Career Service Award - National Civil Service League

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Young Presidents Organization, Speech, Dallas

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Personal Correspondence

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Personal Correspondence- Outgoing

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Virginia Tech Correspondence

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CCK's Predictions of Development for the next 100 Years, For the CLC Time Capsule

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CCK Speech Reference Material

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1977**CCK Speech Reference Material**

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