

SERIES DETAILS and FOLDER TITLE LIST

Administrative Histories (Johnson Administration), 5/1968 - 1/1969 [NAID 1544867]
Series: National Aeronautics and Space Administration [NAID 22782068]

ADMINISTRATIVE HISTORIES: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Digitization note:

This series has been digitized in full and is available on DiscoverLBJ.org.

Scope and content note:

This series contains the narrative history and supporting documentation prepared by the National Aeronautics and Space Administration (NASA) for President Lyndon B. Johnson's Departmental History Project. The narrative and supporting documents cover NASA's background, projects, operations, budget, and impact on society and include materials on the space race, international relations, space science, aeronautics, space flight, government-business partnerships, government reorganization, space programs, and manned space flight to the moon.

- Date range of series: 1968-1969 (coverage dates: 3/26/1958-1/17/1969)
- 2 linear feet, 8 linear inches
- Available for research

FOLDER TITLE LIST

Box Number	Folder Title
1	1969 Final Edition – Volume I – Foreward-Chapter I
1	1969 Final Edition – Volume I – Chapters II-III
1	1969 Final Edition – Volume II – Chapters IV-V
1	1969 Final Edition – Volume II – Chapters VI-VII
1	1969 Final Edition – Volume II – Appendix B-I-3 Replacement
2	Vol. I – Foreward-Chapter I [Removed from Binder #1]
2	Vol. I – Chapter II-III [Removed from Binder #1]
2	Vol. I – Chapter IV-V [Removed from Binder #2]
2	Vol. I – Chapter VI-VII [Removed from Binder #2]
2	Vol. II – Documentary Supplement, A-III [Removed from Binder #3]
2	Vol. II – Documentary Supplement, A-IV [Removed from Binder #3]

SERIES DETAILS and FOLDER TITLE LIST

Administrative Histories (Johnson Administration), 5/1968 - 1/1969 [NAID 1544867] Series: National Aeronautics and Space Administration [NAID 22782068]

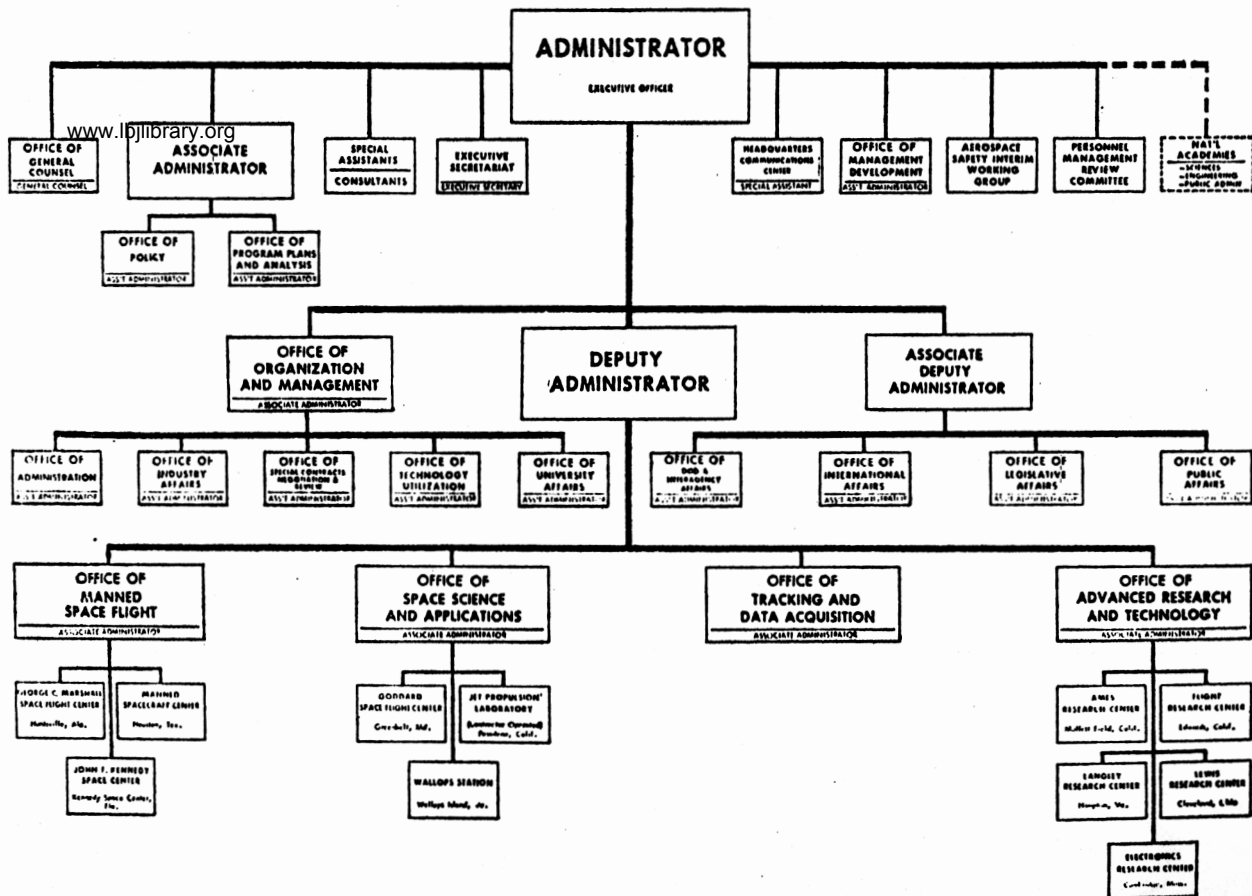
Box Number	Folder Title
3	Vol. II – Documentary Supplement, A-V [Removed from Binder #4]
3	Vol. II – Documentary Supplement, A-VI [Removed from Binder #4]
3	Vol. II – Documentary Supplement Part B Table of Contents, B-I [Removed from Binder #5]
3	Vol. II – Documentary Supplement B-II – B-III [Removed from Binder #5]
3	Vol. II – Documentary Supplement B-IV – B-V [Removed from Binder #5]
3	Vol. II – Documentary Supplement B-VI [Removed from Binder #6] [1of2]
3	Vol. II – Documentary Supplement B-VI [Removed from Binder #6] [1of2]
4	Vol. II – Documentary Supplement B-VII [Removed from Binder #6] [1of2]
4	Vol. II – Documentary Supplement B-VII [Removed from Binder #6] [2of2]
4	History of Aeronautics and Astronautics – A Preliminary Bibliography [1of5]
4	History of Aeronautics and Astronautics – A Preliminary Bibliography [2of5]
4	History of Aeronautics and Astronautics – A Preliminary Bibliography [3of5]
4	History of Aeronautics and Astronautics – A Preliminary Bibliography [4of5]
4	History of Aeronautics and Astronautics – A Preliminary Bibliography [5of5]
5	Supplement, 10/7/1968-1/20/1969, Copy #1, Preface-VI [Removed from Binder #8]
5	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes A-1 – A-4 [Removed from Binder #8]
5	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes A-5 – A-10 [Removed from Binder #8]
5	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes B-1 – B-6 [Removed from Binder #9]
5	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes B-7 – B-9 [Removed from Binder #9]
5	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes B-10 – B-13 [Removed from Binder #9]
5	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes C-1 – C-3 [Removed from Binder #9]
5	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes C-4 [Removed from Binder #9]
6	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes D-1 [Removed from Binder #10]

SERIES DETAILS and FOLDER TITLE LIST

Administrative Histories (Johnson Administration), 5/1968 - 1/1969 [NAID 1544867] Series: National Aeronautics and Space Administration [NAID 22782068]

Box Number	Folder Title
6	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes E-1 [Removed from Binder #10] [1of3]
6	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes E-1 [Removed from Binder #10] [2of3]
6	Supplement, 10/7/1968-1/20/1969, Copy #1, Appendixes E-1 [Removed from Binder #10] [3of3]
7	A Chronology on Science, Technology and Policy – 1967, Foreward-January
7	A Chronology on Science, Technology and Policy – 1967, February-March
7	A Chronology on Science, Technology and Policy – 1967, April-May
7	A Chronology on Science, Technology and Policy – 1967, June-August
7	A Chronology on Science, Technology and Policy – 1967, September-October
7	A Chronology on Science, Technology and Policy – 1967, November-December

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION



Volume I-Narrative History
TABLE OF CONTENTS

VOLUME ONE

	<u>Page</u>
PREFACE BY ACTING ADMINISTRATOR T. O. PAINE.	i
FOREWORD BY FORMER ADMINISTRATOR JAMES E. WEBB	vi

Chapter

I.	CHALLENGE AND RESPONSE (1947-1963).	I -1
	Decisions and Implementation.	2
	The IGY Satellite Decision.	3
	The National Aeronautics and Space Act of 1958	6
	The Early Years of NASA	15
	Expansion and Acceleration.	24
	Confrontations.	41
	Beginning the Final Phase	56
	Notes to Chapter 1.	66
II.	THE CONGRESS AND THE PUBLIC DIALOGUE (1964-1968)	II-1
	1964--The Issue of Pre-eminence	2
	1965--Pre-eminence and the Issue of Follow On Programs.	12
	1966--New Programs Deferred	14
	1967--New Programs Urged in President's Budget.	17
	1968--NASA Caught in the Fiscal Crunch.	20
	The Public Dialogue on NASA	24
	Notes to Chapter II	58
III.	MANNED SPACE FLIGHT (1964-1968)	III-1
	Gemini Development and Operations 1964-1966	5
	Apollo Development, Manufacture, Assembly, and Test 1964-1966.	19

The Apollo 204 Accident.	25
Toward the Manned Lunar Landing 1967-1968.	27
Manned Space Flight Facilities	29
International Relations.	33
Post-Apollo Manned Space Flight 1965-1968.	33
A Broader Perspective.	37
Notes to Chapter III	39

IV. SPACE SCIENCE AND APPLICATIONS

(1963-1968).	IV-1
The Setting.	4
OSSA Approach.	7
Management of Space Science and Applications	14
Programs, Operations, and Results.	23
Notes to Chapter IV.	56

V. RESEARCH AND TECHNOLOGY:

AERONAUTICS AND SPACE (1963-1968).	V -1
Organization and Mission	2
Basic Research	8
Aeronautical Research and Technology	11
Space Research and Technology.	26
Supporting Research and Technology Programs of Other NASA Program Offices.	42
Supporting Research and Technology for Other Government Agencies.	45
Technology Utilization	46
Future Frontiers	46
Notes to Chapter V	49

VI. ORGANIZATION AND MANAGEMENT. VI-1

Program Implementation by Government- Industry-University Team	5
The NASA In-House Capability	6
Manpower and Personnel Management.	19
Contracting with Industry.	25

Chapter

Page

University Relationships.	30
Continuing Adjustments in Organization and Management	34
A Time of Transition.	42
Notes to Chapter VI	44
 VII. THE IMPACT OF NASA ON SOCIETY	 VII-1
A Maze of Effects	2
A Triple Impact on Science.	4
A Catalyst for Education.	9
The First Economic Effects.	15
An Impact on Economic Aspirations	22
An Impact on International Relations.	30
The Impact on the Future.	36
Notes to Chapter VII.	42

VOLUME TWO

DOCUMENTARY SUPPLEMENT

1. APPENDICES:

PART A -- GENERAL APPENDICES

- A-I NASA Organizational Charts
- A-II NASA Institutional Offices and Field Center
Organizational Charts
- A-III NASA Personal Data
- A-IV Selected Biographies of Key NASA Management
Personnel
- A-V NASA Financial Data
- A-VI NASA Space and Aeronautical Mission Logs and
Chronologies

PART B -- SUPPORTING APPENDICES

- B-I Appendix to Chapter I -- Challenge and
Response (1947-1963)
- B-II Appendix to Chapter II -- The Congress and the
Public Dialogue (1964-1968)
- B-III Appendix to Chapter III -- Manned Space
Flight (1964-1968)
- B-IV Appendix to Chapter IV -- Space Science and
Applications (1963-1968)
- B-V Appendix to Chapter V -- Research and
Technology: Aeronautics and Space
(1963-1968)
- B-VI Appendix to Chapter VI -- Management and
Organization
- B-VII Appendix to Chapter VII -- The Impact of NASA

2. BIBLIOGRAPHICAL NOTES

3. ABBREVIATIONS AND ACRONYMS

National Aeronautics and Space Administration
1968 Edition
Volume I-Narrative History
T A B L E O F C O N T E N T S

www.lbjlibrary.org

Box 2

V O L U M E O N E

	<u>Page</u>
PREFACE BY ACTING ADMINISTRATOR T. O. PAINE	ii
FOREWORD BY FORMER ADMINISTRATOR JAMES E. WEBB.	ix
<u>Chapter</u>	
I. CHALLENGE AND RESPONSE (1947-63)	I - 1
Decisions and Implementation	2
The IGY Satellite Decision	3
The National Aeronautics and Space Act of 1958	6
The Early Years of NASA.	14
Beginning the Space Program.	17
Planning for a Decade.	21
Expansion and Acceleration	23
Confrontations	40
Beginning the Final Phase.	55
Notes to Chapter I	65
II. THE CONGRESS AND THE PUBLIC DIALOGUE (1964-68) II - 1	II - 1
1964--The Issue of Preeminence	2
1965--Preeminence and the Issue of Follow-on Programs	9
1966--New Programs Deferred.	11
1967--New Programs Urged in President's Budget	14
1968--NASA Caught in the Fiscal Crunch	16
The Public Dialogue on NASA.	19
Notes to Chapter II.	35
III. MANNED SPACE FLIGHT (1964-68).	III- 1
Apollo Moves to Development and Operations Phase (October 1963-March 1964).	4
Apollo Development, Manufacture, Assembly, and Test (1964-66)	8
Gemini Development and Operations (1964-66).	20
Toward the Manned Lunar Landing (1967-68).	31
Post-Apollo Manned Space Flight (1965-68).	35
Epilogue, Apollo Manned Flights Begin.	38
Notes to Chapter III	39

<u>Chapter</u>	<u>Page</u>
IV. SPACE SCIENCE AND APPLICATIONS (1963-68)	IV- 1
The Setting.	6
OSSA Philosophy.	9
Programs, Operations, and Results.	13
Summary.	44
Notes to Chapter IV.	45
V. RESEARCH AND TECHNOLOGY: AERONAUTICS AND SPACE (1963-68).	V- 1
Organization and Mission	1
Basic Research	6
Aeronautical Research and Technology	9
Space Research and Technology.	23
Supporting Research and Technology Programs of Other NASA Program Offices.	33
Supporting Research and Technology for Other Government Agencies.	40
Technology Utilization	40
Future Frontiers	43
Notes to Chapter V	46

National Aeronautics and Space Administration
1968 Edition

Volume II-Narrative History

www.lbjlibrary.org

Box 2

VI.	ORGANIZATION AND MANAGEMENT.	VI- 1
	Program Implementation by Government-	
	Industry-University Team	3
	Manpower and Personnel Management.	13
	Reorganization of 1965	17
	A Time of Transition	23
	Notes to Chapter VI.	25
VII.	THE IMPACT OF NASA	VII- 1
	A Maze of Effects.	2
	A Triple Impact on Science	4
	A Catalyst for Education	9
	The First Economic Effects	13
	An Impact on Economic Aspirations.	20
	An Impact on International Relations	26
	The Impact on the Future	32
	Notes to Chapter VII	36

National Aeronautics and Space Administration
1968 Edition

www.lbjlibrary.org

Volume III-Documentary Supplement

DOCUMENTARY SUPPLEMENT

TABLE OF CONTENTS

Box 2
1. APPENDICES

PART A -- GENERAL APPENDICES

- A-I NASA Organizational Charts
- A-II NASA Institutional Offices and
Field Center Organizational Charts
- A-III NASA Personnel Data
- A-IV Selected Biographies of Key
NASA Management Personnel

National Aeronautics and Space Administration
1968 Edition

Volume IV-Documentary Supplement

1. APPENDICES

PART A -- GENERAL APPENDICES (cont'd.)

A-V NASA Financial Data

A-VI NASA Space and Aeronautical
Mission Logs and Chronologies

Box 3 /

National Aeronautics and Space Administration
1968 Edition

Volume V-Documentary Supplement

PART B -- SUPPORTING APPENDICES

Box 3

- B-I Appendix to Chapter I -- Challenge
and Response, 1947-1963
- B-II Appendix to Chapter II -- The Congress
and the Public Dialogue
- B-III Appendix to Chapter III -- Manned Space
Flight: Gemini and Apollo
- B-IV Appendix to Chapter IV -- Space Science
and Applications
- B-V Appendix to Chapter V -- Research and
Technology: Aeronautics and Space

National Aeronautics and Space Administration
1968 Edition

Volume VI-Documentary Supplement

PART B -- SUPPORTING APPENDICES (cont'd.)

- Box 3* — B-VI Appendix to Chapter VI -- Management and Organization
- Box 4* — B-VII Appendix to Chapter VII -- The Impact of NASA

National Aeronautics and Space Administration
1968 Edition

Volume VII-Documentary Supplement

www.lbjlibrary.org

Box 4

2. BIBLIOGRAPHICAL NOTES
3. ABBREVIATIONS AND ACRONYMS

Supplemental Material
October 7, 1968-January 20, 1969

www.lbjlibrary.org

Volume VIII-Narrative and
Documentary Supplement

Contents

Box 5 ↓

PREFACE by Acting Administrator, T. O. Paine	
I. INTRODUCTION	I-1
II. CHRONOLOGICAL OVERVIEW OF NASA:	
October 7, 1968f	II-1
November 1968	II-6
December 1968	II-13
January 1969	II-21
III. ADMINISTRATIVE FOCUS ON THE FUNDING CRISIS:	
Interim Operating Plan for FY 1969	III-2
Budget Request for FY 1970	III-4
IV. MANNED APOLLO FLIGHTS BEGIN:	
Program Management and Schedule	IV-2
<u>Apollo 7 Mission</u>	IV-7
<u>Decision on Apollo 8</u>	IV-10
<u>Apollo 8 Mission</u>	IV-11
Apollo Applications Program	IV-18
Continued Competition	IV-19
V. SPACE SCIENCE AND TECHNOLOGICAL PROGRESS:	
Space Science and Applications	V-2
Advanced Research and Technology	V-8
VI. TRANSITIONS:	
Preparations for the New Administration	VI-1
Planning for the 1970's	VI-6
A Time for Honors	VI-11
Final Reflections	VI-20
APPENDICES:	
A. Documents	

APPENDIX A

DOCUMENTS

- Box 5 ↓
- A-1 Administrator J. E. Webb, memo to the White House enclosing a copy of letter to the father of Astronaut Edwin Aldrin, October 7, 1968.
 - A-2 NASA FY 1970 Budget Estimates, Summary of Program Category, December 1, 1968.
 - A-3 NASA, Summary Program and Financial Data: Structure of NASA Appropriations, December 23, 1968.
 - A-4 NASA Background Briefing: FY 1970 Budget, January 15, 1969.
 - A-5 Deputy Administrator T. O. Paine, Memorandum to Associate Administrators, "Development of the FY 1970 Agency Budget Plan," September 13, 1968.
 - A-6 Deputy Administrator T. O. Paine, Testimony on the NASA Operating Plan for FY 1969, before the Senate Committee on Aeronautical and Space Sciences, October 3, 1968.
 - A-7 Acting Administrator T. O. Paine, letter to Director of the Bureau of the Budget, October 14, 1968.
 - A-8 Acting Administrator T. O. Paine, letter to Director of the Bureau of the Budget, November 18, 1968.
 - A-9 Acting Administrator T. O. Paine, memo to Associate Administrator H. B. Finger on Potential Contributions of Aerospace Technology to the Solution of National Problems, November 5, 1968. Reply of Assistant Administrator for Technology Utilization, R. L. Leshar, December 11, 1968.
 - A-10 Apollo 8: Excerpt from Log.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
October 7, 1968-January 20, 1969

Supplemental Material

Volume IX-Documentary Supplement

APPENDIX B

www.lbjlibrary.org

PUBLIC STATEMENTS OF
KEY PERSONNEL

Box 5 ↓

- B-1 Text, White House Press Conference, James E. Webb, September 16, 1968.
- B-2 Acting Administrator T. O. Paine, "The Year 2000," Address to the Young President's Association, Bermuda, October 4, 1968.
- B-3 Acting Administrator T. O. Paine, Address to the Aerospace Industry Association, Phoenix, Arizona, November 20, 1968.
- B-4 Associate Administrator H. E. Newell, "Science, Technology, and Society," Address to the Annual Convention, National Council for the Social Studies, Goddard Space Flight Center, November 26, 1968.
- B-5 Associate Administrator for Manned Space Flight, G. E. Mueller, Address to the Ninth National Conference of United Press International Editors and Publishers, Washington, D.C., October 8, 1968.
- B-6 Associate Administrator for Manned Space Flight, G. E. Mueller, Address to the National Space Club, Washington, D.C., November 26, 1968.
- B-7 Associate Administrator for Advanced Research and Technology, J. M. Beggs, "Research and Technology for the Future," Address to the American Nuclear Society, Washington, D.C., November 13, 1968.
- B-8 Associate Administrator for Advanced Research and Technology, J. M. Beggs, "Advanced Research and Technology," Address to the Aerospace Industries Association Fall Conference, Phoenix, Arizona, November 20, 1968.
- B-9 Associate Administrator for Space Science and Applications, J. E. Naugle, "The Outlook for the Space Program," Address at the NASA Pasadena Office, Third Annual Awards Ceremony, October 4, 1968.
- B-10 Associate Administrator for Space Science and Applications, J. E. Naugle, Address to the American Nuclear Society, Washington, D.C., November 13, 1968.
- B-11 Deputy Associate Administrator for Space Science and Application, O. W. Nicks, "Applying Surveyor and Lunar Orbiter Techniques to Mars," Address to American Institute of Aeronautics and Astronautics, Washington, D.C., December 5, 1968.

APPENDIX B - (Continued)

Box 5 ↓

B-12 Assistant Administrator for DOD and Interagency Affairs,
General J. E. Smart, "NASA/Interagency Coordination,"
Address to the Armed Forces Management Association, December
3, 1968.

B-13 Director, Marshall Space Flight Center, Wernher von Braun,
interviewed by U.S. News and World Report, October 14, 1968,
pages 74-76.

APPENDIX C

SUPPORTING PAPERS

Box 5 ↓

- C-1 Objectives and Goals in Space Science and Applications-1968
(NASA SP-162).
- C-2 Transition Notebooks, Index, Volumes I, II, and III.
- C-3 Background material pertaining to NASA Transition.
- C-4 Astronautics and Aeronautics: Chronology on Science,
Technology, and Policy, October-December 1968, January 1969
(monthly drafts).

National Aeronautics and Space Administration

Supplemental Material
October 7, 1968-January 20, 1969

www.lbjlibrary.org

Volume X-Documentary Supplement

Contents

Box 86 | APPENDIX D: Space Cartoons, October 7, 1968-January 20, 1969
(NASA HHN-92)

APPENDIX E: The Impact of Apollo 8

National Aeronautics and Space Administration

Additional volume containing copies of monthly chronologies and indexes concerning space and aeronautical activities, drafted by the Science and Technology Division of the Library of Congress utilizing open source materials and inputs collected by the NASA Historical Staff.

January-December, 1967

Box #7