



Smithsonian
National Air and Space Museum

Homer E. Newell, Jr., Speech Transcripts

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Collection Overview

Repository:	National Air and Space Museum Archives
Title:	Homer Edward Newell, Jr. Speech Transcripts
Identifier:	NASM.XXXX.0150
Date:	1960-1973
Extent:	1 Cubic foot (2 boxes)
Creator:	Newell, Homer Edward, 1915-1983
Language:	English
Summary:	This collection consists of articles and transcripts of speeches by Newell during his tenure with NASA.

Administrative Information

Acquisition Information

No donor information., 1986, XXXX-0150, Unknown, gift

Preferred Citation

Homer E. Newell, Jr., Speech Transcripts, Acc. XXXX-0150, National Air and Space Museum, Smithsonian Institution.

Restrictions

No restrictions on access

Conditions Governing Use

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Biographical Note

Dr. Homer Edward Newell, Jr. (1915 --1983), mathematician and administrator, was the principal organizer of the American space program during the early years of the National Aeronautics and Space Administration (NASA). He attended Harvard College (AB, 1936; AMT, 1937) and the University of Wisconsin (Ph.D, 1940). He taught mathematics at the University of Maryland (1940 --1944) before joining the Naval Research Laboratory (NRL) as a mathematician and theoretical physicist (1944 --1947). Dr. Newell became head of the Rocket Sonde Branch of the NRL (1947 --1955) and later Acting Superintendent of the Atmosphere and Astrophysics Division (1955 --1958). During this time he coordinated the Navy's development of Project Vanguard, which placed the first American satellite in Earth orbit (1958). With the creation of NASA in 1958 Dr. Newell transferred from NRL to become Assistant Director of Space Science (1958 --1960) at NASA. He later served as Deputy Director of Space Flight

Programs (1960 --1963) and Director of the Office of Space Science (1963 --1967) before being named Associate Director of NASA (1967 --1973), where he served until he retired in 1973.

Scope and Content Note

This collection consists of articles and transcripts of speeches by Dr. Newell from 1960 --1973 covering a broad range of space program and space science related topics.

Arrangement

Chronological.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Astronautics

Names:

Newell, Homer Edward, 1915-1983

Container Listing

- Box 1, Folder 1 "The U.S. NASA Space Research Program" presented to the International Symposium on Rocket and Astronautics, sponsored by the Japanese Rocket Society, Tokyo, Japan, May 24, 1960
- Box 1, Folder 2 "Why Space?" presented to the AMVETS, Washington, D.C., June 18, 1961
- Box 1, Folder 3 "Space - Science Activities in the United States Programme" presented to the American Physical Society, New Mexico City, Mexico, June 24, 1961
- Box 1, Folder 4 "NASA Program in the Space Sciences" presented to the Science Advisory Board, Chandler, Arizona, November 8, 1961
- Box 1, Folder 5 "Space Science Program" presented to the Space Science Board, November 13, 1961
- Box 1, Folder 6 "Space Science Progress Report" presented at the Frontiers of Science Session of the American Geophysical Union Meeting, Washington, D.C., April 27, 1962
- Box 1, Folder 7 "Space Science-Earth, Sun, and Stars" presented at the Second National Conference on the Peaceful Uses of Space, Seattle, Washington, May 8, 1962
- Box 1, Folder 8 "Statement before the Subcommittee No. 3 of the Committee on Science and Astronautics" of the US House of Representatives, May 15, 1962
(two copies)
- Box 1, Folder 9 "Opening remarks of the U.S. Delegate" presented to the Technical and Scientific Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space, Geneva, Switzerland, May 28, 1962
- Box 1, Folder 10 "Statement by the U.S. Delegate" in response to Soviet statement on high altitude nuclear testing presented at the sixth meeting of the Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space, Geneva, Switzerland, June 4, 1962
- Box 1, Folder 11 "Space In Geophysics" prepared for publication in September 1962 issue of the TRANSACTIONS of the American Geophysical Union, September 1962
- Box 1, Folder 12 "Opportunities for Universities in the Field of Space Science" presented at the Dedication Ceremonies of the Physics-Chemistry Building at Oregon State University, Corvallis, Oregon, October 26, 1962
- Box 1, Folder 13 "What We Have Learned and Hope to Learn from Space Exploration" presented at the NASA-University Conference on the Science and Technology of Space Exploration, Chicago, Illinois, November 1, 1962

- Box 1, Folder 14 "Remarks" presented on Delta Day, Cape Canaveral, Florida, March 1, 1963
- Box 1, Folder 15 "International Cooperation in Space" presented at the American Nobel Memorial Foundation Dinner, New York, April 21, 1963
- Box 1, Folder 16 "After Now, What Then In Space?" presented at the Virginia Polytechnic Institute on Artificial Satellites, Blacksburg, Virginia, August 12, 1963
- Box 1, Folder 17 "Some Opportunities and Challenges In Science" presented at the Dedication of the Stedman Hall of Science, Central Methodist College, Fayette, Missouri, September 6, 1963
- Box 1, Folder 18 "The Mission Of Man In Space", National Aeronautics & Space Administration publication, US Government Printing Office, 1963
- Box 1, Folder 19 "The Purpose and Timing of the U.S. Space Program" read by John Nicolaidis, Special Assistant to the Associate Administrator for Space Science & Applications, NASA, to the Princeton University Space Conference, Princeton, New Jersey, February 20, 1964
- Box 1, Folder 20 "Government and Universities" read by Dr. John Holloway, Deputy Director, Grants and Research Contracts Division, Office of Space Science and Applications to the Fourth National Conference on the Peaceful Uses of Space, Boston, Massachusetts, May 1, 1964
- Box 1, Folder 21 "Remarks on the Dedication of the Space Flight Operations Facility Jet Propulsion Laboratory", Pasadena, California, May 14, 1964
- Box 1, Folder 22 "Leading From Strength" presented to the luncheon meeting of the Institute of Electrical & Electronic Engineers - Professional Technical Group on Nuclear Science, Philadelphia, Pennsylvania, October 28, 1964
- Box 1, Folder 23 "Spadework for Exploration of the Solar System" presented at the Symposium on Unmanned Exploration of the Solar System, American Astronautical Society, Denver, Colorado, February 10, 1965
- Box 1, Folder 24 "NASA Space Science and Applications Program" presented at the NASA-University Program Review Conference, Kansas City, Missouri, March 2, 1965
- Box 1, Folder 25 "Practical Results from the NASA Space Science and Application Program" presented before the Subcommittee on Space Science and Astronautics of the US House of Representatives, March, 1965
- Box 1, Folder 26 "NASA Space Science and Applications Program" presented at the Lunar Exploration Symposium, Marshal Space Flight Center, Huntsville, Alabama, April 27, 1965

- Box 1, Folder 27 "A New Laboratory - How To Work In It" presented at the Spring Meeting of the American Physical Society, Washington, D.C., April 29, 1965
- Box 1, Folder 28 "Basic Research -- The Benefactor and Beneficiary" presented at the Dedication Ceremonies of the new Research Institute for Advance Studies, Relay, Maryland, July 22, 1965
- Box 1, Folder 29 "Panel Discussion - Future Space Programs" presented before IEEE 1965 International Space Electronics Symposium, Miami Beach, Florida, November 3, 1965
- Box 1, Folder 30 "The Role and Responsibility of NASA" presented to The National Conference on Spacecraft Sterilization Technology, Pasadena, California, November 16, 1965
- Box 1, Folder 31 "NASA Program In Space Astronomy" presented at the 121st Meeting of the American Astronomical Society, Hampton, Virginia, March 30, 1966
- Box 1, Folder 32 "Surveyor I: A Preliminary Report", National Aeronautics & Space Administration, Washington, D.C., June 17, 1966
- Box 1, Folder 33 "New Horizons for Geosciences" presented at the Vetlesen Award Dinner, Columbia University, New York, New York, October 18, 1966 October 18
- Box 1, Folder 34 "Surveyor: Candid Camera on the Moon", reprint from NATIONAL GEOGRAPHIC, October, 1966
(three copies)
- Box 1, Folder 35 "A Recommended National Program In Weather Modification: A Report to the Interdepartmental Committee for Atmospheric Sciences", Washington, D.C., November, 1966
- Box 1, Folder 36 "Rocket-Sonde" presented at the AIAA Sounding Rocket Vehicle Technology Specialist Conference, Williamsburg, Virginia, February 28, 1967
- Box 2, Folder 1 "Impact of Space Research on Science and Technology", reprint from SCIENCE, Vol. 157, No. 3784, pp. 29-39, July 7, 1967
- Box 2, Folder 2 "What Is Science" presented before the Committee on Science and Astronautics of the US House of Representatives during the Hearings on the NASA Authorization for FY 1968, 1968
- Box 2, Folder 3 "Space Plans and Possibilities" presented at the American Institute of Aeronautics and Astronautics Sixth Aerospace Sciences Meetings Honors Night Banquet, New York, New York, January 3, 1968

- Box 2, Folder 4 "Some Thoughts on the Space Program and Education" presented at the Seventh General Session of the National Association of Secondary School Principals, Atlantic City, New Jersey, February 13, 1968
(two copies)
- Box 2, Folder 5 "Currant Program and Considerations of the Future For Earth Resources Survey" presented at the Fifth Symposium on Remote Sensing of Environment, at the Institute of Science and Technology, University of Michigan, Ann Arbor, Michigan, April 16, 1968
- Box 2, Folder 6 "Contributions and Results of Space Science Programs" presented at the United Nations Conference on the Exploration and Peaceful Uses of Outer Space, Vienna, Austria, August 14 - 27, 1968
(three copies)
- Box 2, Folder 7 "A Space View of Space" presented to the Society of Medical Consultants to the Armed Forces, Bethesda, Maryland, November 17, 1968
- Box 2, Folder 8 "Science, Technology, and Society" presented at the Annual Convention of the National Council for the Social Studies, Goddard Space Flight Center, Greenbelt, Maryland, November 26, 1968
- Box 2, Folder 9 "Remarks For Space Application Panel" presented at the Annual Meeting of American Association for the Advancement of Science, Dallas Texas, December 26, 1968
- Box 2, Folder 10 "Man and Science and Technology (Our Future in Space--The Promise and the Responsibility)" presented at the University of Cincinnati, Cincinnati, Ohio, March 21, 1968
- Box 2, Folder 11 "Space--Matters For Decision" presented to the National Space Club, April 16, 1969
- Box 2, Folder 12 "Planning Space Technology For the 1970's" presented to the National Security Industrial Association, June 11, 1969
(two copies)
- Box 2, Folder 13 "Space-- What's Ahead for the USA" written for the BALTIMORE SUN, July, 1969
- Box 2, Folder 14 "Management Requirements For Large Field Programs" presented at the US GARP Conference, Boulder, Colorado, October 17, 1969
- Box 2, Folder 15 "Our Future In Retrospect" presented at the dedication of the Space Science Building, University of Rochester, Rochester, New York, October 28, 1969

- Box 2, Folder 16 "Introductory Remarks" presented at the Space Station Utilization Conference, Moffett Field, California , September 9 - 10, 1970
- Box 2, Folder 17 "Welcoming Remarks" presented at the Frontiers of Geophysical Sessions of the fall meeting of the American Geophysics Union, San Francisco, California, December 7 - 10, 1970
- Box 2, Folder 18 "Science and Our Future" presented at the Symposium on Science and the Federal Government--1970, of the American Association for the Advancement of Science, Chicago, Illinois, December 30, 1970
- Box 2, Folder 19 "Introductory Remarks: The Apollo 14 Mission" present at the International Astronomical Union Symposium No. 47, March 22 -- 26, 1971 reprint from THE MOON, D. Reidel Publishing Co., Dordrecht, Holland, 1972
- Box 2, Folder 20 "Role of the American Geophysical Union on the American Geophysical Scene" presented at the First European Earth and Planetary Physics Colloquium, Reading, England, March 29 - April 3, 1971
- Box 2, Folder 21 "NASA Program For The Exploration Of The Moon And Planets" presented at the First European Earth and Planetary Physics Colloquium, Reading, England, March 29 - April 3, 1971
- Box 2, Folder 22 "A Matter of Perspective", reprinted from SCIENCE, Vol. 172, (April 23, 1971): 133, April 23, 1971
- Box 2, Folder 23 "Commentary and Summary" presented at the Working Group on Philosophy, Science and Technology, Massachusetts Institute of Technology, Cambridge, Massachusetts, May 7 - 8, 1971
(2 copies)
- Box 2, Folder 24 "Review and Assessment of the US Space Program" presented at the Working Group on Philosophy, Science and Technology, Massachusetts Institute of Technology, Cambridge, Massachusetts, May 7 - 8, 1971
- Box 2, Folder 25 "The Space Program and the National Interest" reprinted from FOREIGN AFFAIRS, April, 1972
- Box 2, Folder 26 "Space Mission Symposium Theme" presented at the NASA Space Mission Symposium, Hampton, Virginia, May 3, 1972
- Box 2, Folder 27 "A Letter Washington", NASA ACTIVITIES, Vol. 3, No. 7, (Washington, D.C., 1972): 136-137, 1972
- Box 2, Folder 28 "What The Space Program Has Told Us About the Moon", 1972

- Box 2, Folder 29 "Notes for the Keynote Address" presented to the Ninth Annual Meeting, Space Applications Program, Earth Observations Session, Washington, D.C., January 8, 1973
- Box 2, Folder 30 "Statement" before the Subcommittee on Space Science and Applications and the Subcommittee on Energy of the Committee on Science and Astronautics of the US House of Representatives, May, 1973
(three copies)
- Box 2, Folder 31 "Significant Policy Statements", NASA ACTIVITIES Vol.4, No. 6, (Washington D.C., June 15, 1973): 98-99, June 15, 1973
- Box 2, Folder 33 "Harold Urey and the Moon" reprinted from THE MOON, (Dordrecht, Holland: D. Reidel Co., 1973): 1-5, 1973
- Box 2, Folder 32 "Notes for Luncheon Talk" presented at the Annual Meeting of the National Council of University Research Administrators, November 9, 1973
- Box 2, Folder 34 "Potential Contributions of the United States Space Program to Exploration of the Solar System" reprinted from NOBEL SYMPOSIUM 21 "FROM PLASMA TO PLANET", (New York: John Wiley & Sons, Inc., (no date): 285-314, undated