# CENTER SERIES
# OWEN G. MORRIS PAPERS

Owen G. Morris began his career at the National Advisory Committee for Aeronautics (NACA) in 1948 when he joined a group that was responsible for the design, construction, and operation of a large supersonic wind tunnel, the Langley Unitary Plan Wind Tunnel, at the NASA Langley Memorial Aeronautical Laboratory in Hampton, Virginia. Morris became a branch head of a group of 10 professionals who worked in supersonic aerodynamic research. In 1962, Morris moved to the Apollo Spacecraft Program Office at the Manned Spacecraft Center in Houston, Texas. Between 1962 and 1966, he held several management positions, including Manager of Reliability and Quality Assurance (R&QA). In this position, Morris developed and implemented the R&QA program for the Apollo spacecraft. He started with a staff of 10 employees and developed a program with 300 civil service and support contractor employees. During this period, Morris became Director of Operations of the Apollo Abort System Development Program at the White Sands Missile Range in New Mexico. He organized the government-industry operations team during the “Little Joe II” flight. From 1966 to 1969, Morris became the Chief of the Lunar Module Project Engineerring Officer, Apollo Spacecraft Program at the NASA Manned Spacecraft Center. In this position, he provided the engineering direction for the design, development, and flight of the Lunar Module Project through the first lunar landing (Apollo 11). . In 1969, Morris became the Manager of the Lunar Module Project, Apollo Spacecraft Program, Houston, Texas. He managed all aspects of the design, production, operational support and business administration of the Lunar Module Project during the preparations for and conduct of Apollo 12 to 16. During this time, the Lunar Module was redesigned to increase lunar stay time and payload capability by 50 percent. This was accomplished on time, on schedule, and within budget. From 1972 to 1973, Morris served as Manager of the Apollo Spacecraft Program at the NASA Johnson Space Center at Houston, Texas. In this capacity, he directed the 4,000-person government-industry team for the Apollo spacecraft and experiments during the preparation for and conduct of the Apollo 17 mission. From 1973 to 1979, Morris was Manager for Systems Integration at Space Shuttle Program Office at the Johnson Space Center in Houston, Texas. During this period, he formulated, organized, and directed the government-industry system integration, which totaled more than 1,000 professionals in five geographic locations. Following his retirement from NASA in 1979, Morris served as the first Chairman of the Board, President, and Chief Executive Officer of Eagle Engineering, Inc. In 1993, Morris retired. He is married, has two daughters, and is an elder in the Clear Lake Presbyterian Church. Boxes 1 to 7 consist of flight plans, mission operation reports, mission reports, and status reports for Apollo 7 to 17. Box 6 contains the Technical Crew Debriefing and the Lunar Module Voice Transcription for Apollo 16, and Box 7 contains Volumes 1 and 3 of the Apollo Lunar Landing Symposium. Boxes 8 to 11 contain miscellaneous material that relates to the Apollo program in particular and the space program in general. Among these are a draft of Volume 1 of the Apollo program chronology, the postlaunch memorandum report for Apollo Pad Launch Abort 1, two copies of the Apollo Program Summary Report, publications on the Apollo program, and documents on various problems and procedures. Box 11 is an oversize box that contains two copies of a National Geographic publication on the Apollo program.

## Inventory

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|---|---|---|
| **SubHeading:** | **Box Number: 01** | |
| | Apollo 9 Mission Report | May 1969 |
| | Apollo 9 Postlaunch Report #1 | May 1969 |
| | Apollo 7 Mission Report | December 1968 |
| | Apollo 8 Mission Report | February 1969 |
| | Apollo 9 Flight Plan | February 1969 |
| **SubHeading:** | **Box Number: 02** | |
| | Lunar and aeronautical charts | April 1969 |
| | Lunar surface photos Apollo 10 lunar orbit with lunar module ( LM ) booklet Apollo 10 information display and mission analyzer | April 1969 |
| | Apollo 10 Flight Plan | April 1969 |
| | Apollo 10 Mission Report | August 1969 |
| | Apollo 10 Five day report | May 1969 |
| | Apollo 10 questions, anomalies, and engineering memorandum | May 1969 |
| | Apollo 10 Status Reports | May 1969 |
| | Apollo 10 Mission Operations Report | May 1969 |

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| | Apollo 11 Status Reports | July 1969 |
| **SubHeading:** | **Box Number: 03** | |
| | Apollo 12 Status Reports | November 1969 |
| | Apollo 13 Lunar Charts | April 1970 |
| | Apollo 13 Flight Plan | March 1970 |
| | Apollo 12 lunar charts, mission information display and documents | November 1969 |
| | Apollo 12 Flight Plan | October 1969 |
| | Apollo 12 Operation Photographs | October 1969 |
| **SubHeading:** | **Box Number: 04** | |
| | Apollo 15 Lunar Charts | June-July 1971 |
| | Apollo 15 Flight Plan | July 1971 |
| | Apollo 15 Daily Status Reports | July-August 1971 |
| | Apollo 13 Status Reports | April 1970 |
| | Apollo 14 Lunar Charts | Not Dated |
| | Apollo 14 Flight Plan | January 1971 |
| | Apollo 14 Daily Status Reports | Jan-Feb 1971 |
| | Apollo 14 Status Reports | Jan-Feb 1971 |
| **SubHeading:** | **Box Number: 05** | |
| | Apollo 16 Status Reports | April 1972 |
| | Apollo 16 Daily Reports | April 1972 |
| | Apollo 16 Mission Review | March 1972 |
| | Apollo 15 Status Reports | July-August 1971 |
| | Apollo 15 Status Reports | July 1971 |
| | Apollo 16 Flight Plan | April 1972 |
| | Final Consumables for the Apollo 16 Spacecraft Operational Trajectory | April 1972 |
| **SubHeading:** | **Box Number: 06** | |
| | Apollo 16 Technical Crew Debriefing (U) | May 1972 |
| | Apollo 16 Lunar Module Voice Transcription (U) | May 1972 |
| | Apollo 17 Flight Plan | November 1972 |
| | Apollo 17 Technical Crew Debriefing | January 1973 |
| | Apollo Lunar Landing Mission Symposium ( Volume I ) | June 1966 |
| **SubHeading:** | **Box Number: 07** | |
| | Postlaunch Memorandum Report for Apollo Pad Abort I | November 1963 |
| | Apollo Program Summary Report ( 2 copies ) | April 1975 |
| | Apollo Lunar Landing Mission Symposium ( Volume III ) | June 1966 |
| | Comment Draft of Apollo Spacecraft A Chronology Volumne I | Not Dated |
| **SubHeading:** | **Box Number: 08** | |
| | Apollo Lunar Landing Mission Symposium ( Volume II ) | June 25-27, 1966 |
| | Various Publications - American Heritage * Astronautics & Aeronautics * Bendix Technical Journal * Petersens Book of Man in Space | 1965-1994 |
| | LDX Transmission of Hose Memo, Predicted Values - First LM Manning | July 1969 |

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| | CET - Notes on Procedure in the event no Auto Fire and Propulsion Data | |
| | This Island Earth ( one copy ) | October 1970 |
| | 90 Day Thermodynamics Report LTA-8 G Mission Simulation | May 1969 |
| **SubHeading:** | **Box Number: 08 *** | |
| | LM-2 ( Lunar Module 2 ) Lunar Landing Simulation Test Series * This 32 page document has been scanned | May 1969 |
| **SubHeading:** | **Box Number: 09** | |
| | Apollo Program magazine - oversize item | Not Dated |