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Aerospace Accomplishments 1965-1966 Fiscal Calendar

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Aerospace Accomplishments

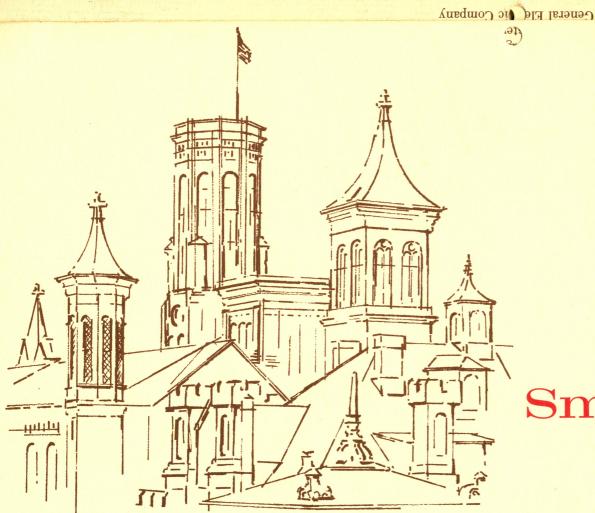
Displayed By The Smithsonian Institution

National Air and Space Museum

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A Department of The Missile and Space Division



The Smithsonian Institution

In 1846, an English scientist, James Smithson, bequeathed to the United States one half million dollars "to found at Washington, under the name of the Smithsonian Institution an establishment for the increase and diffusion of knowledge among men."

Through the years this Institution has grown to include: the United States National Museum • the Smithsonian Astrophysical Observatory • the National Zoological Park • the National Collection of Fine Arts • the Smithsonian International Exchange Service • the Smithsonian Canal Zone Biological Area • the Freer Gallery of Art • the National Gallery of Art • the John F. Kennedy Center for the Performing Arts • the United States National Portrait Gallery • and the United States National Air and Space Museum.

The national import of the Smithsonian's broad and inspiring charter has never been more obvious than it is today when great modern achievements in science and technology call for the widest and most liberal basis of understanding. A great responsibility rests upon those institutions and individuals into whose hands has been placed the preservation of our cultural and scientific heritage to provide in every effectual way those sources of intellectual power that every citizen must have to understand this complex modern world.

S Du Rycey

S. Dillon Ripley Secretary Smithsonian Institution

The National Air and Space Museum

As a part of the growing Smithsonian complex on Washington's Mall, 1969 is expected to see the opening of a new National Air and Space Museum designed to give the American public the first comprehensive view of where we have been, where we are, and where we are going in aerospace science and technology. This magnificent building has been designed specifically to house the Museum's collections of historic air and spacecraft, plus documentation and other research materials tracing the evolution of our air and space achievements. The exhibition areas of the building are designed to properly display objects ranging in size from sub-miniaturized instruments to large, complete aircraft, space vehicles, and rocket boosters. Extensive library, documentary research, conference, and other facilities will be housed on the entire top floor of the building.

More than five million persons are expected to visit the new Museum annually. During the period when the new facility will be under construction, the present air and space exhibits will be continuously expanded and improved.

S. Paul Jolustin -

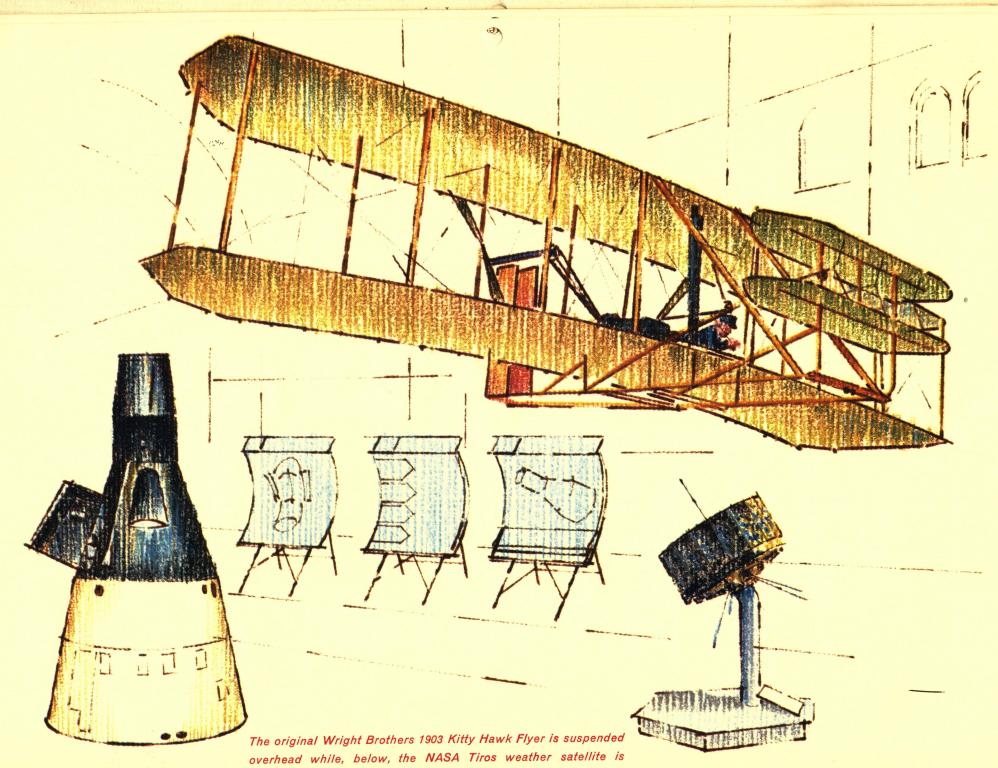
S. Paul Johnston Director National Air and Space Museum

Four of the Nation's historic launch vehicles are displayed in front of the Arts and Industries Building — the USAF Atlas, with the first operational re-entry system, the Mark 2 (1959); the Navy Polaris; and the Navy/NASA Vanguard and Army Jupiter C.

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displayed with the two-man Gemini spacecraft.



The 1896 steam-powered model "aerodromes" Nos. 5 & 6 designed by Samuel P. Langley, the third Secretary of the Smithsonian, are displayed near the recovered camera which took the first motion pictures of earth from a stabilized space vehicle (1959).

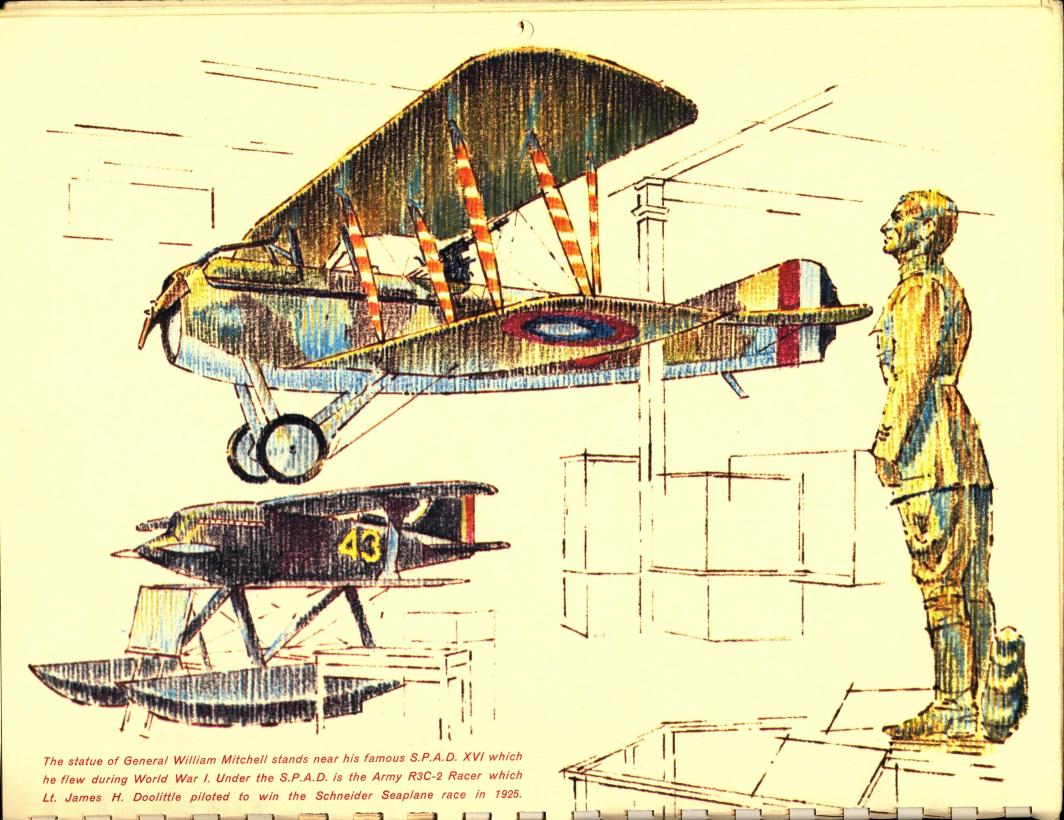
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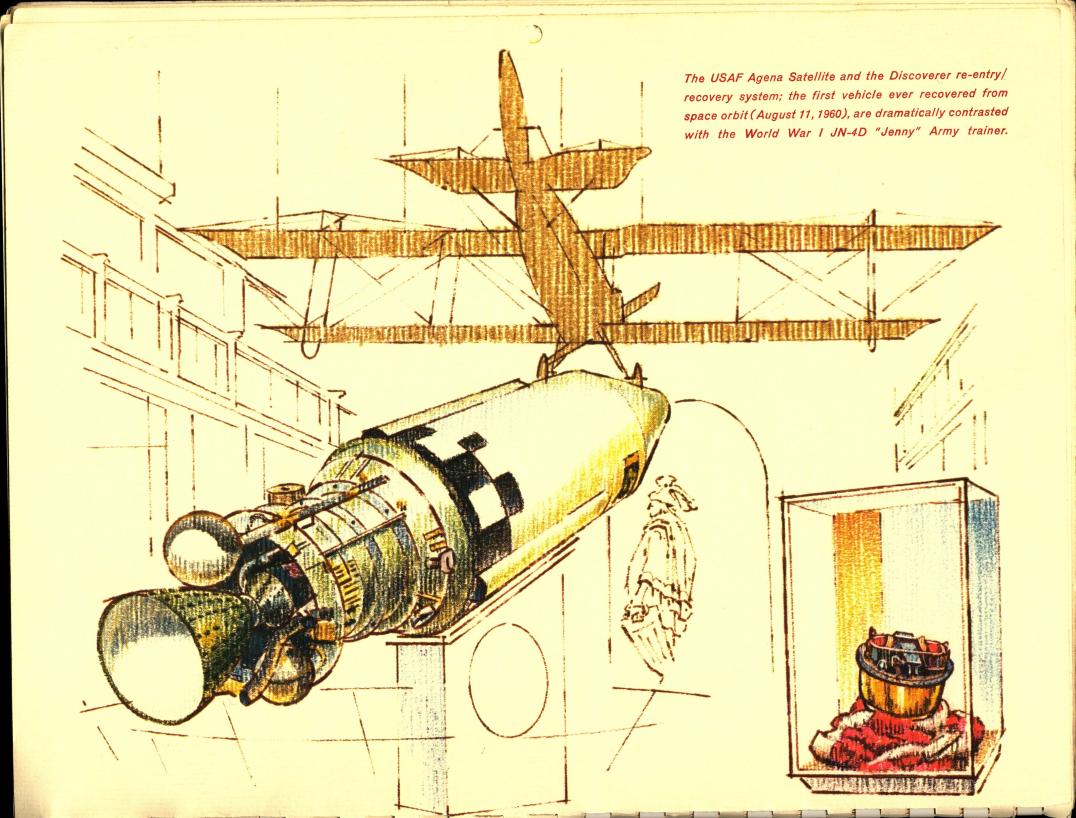
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RE-ENTRY SYSTEMS DEPARTMENT

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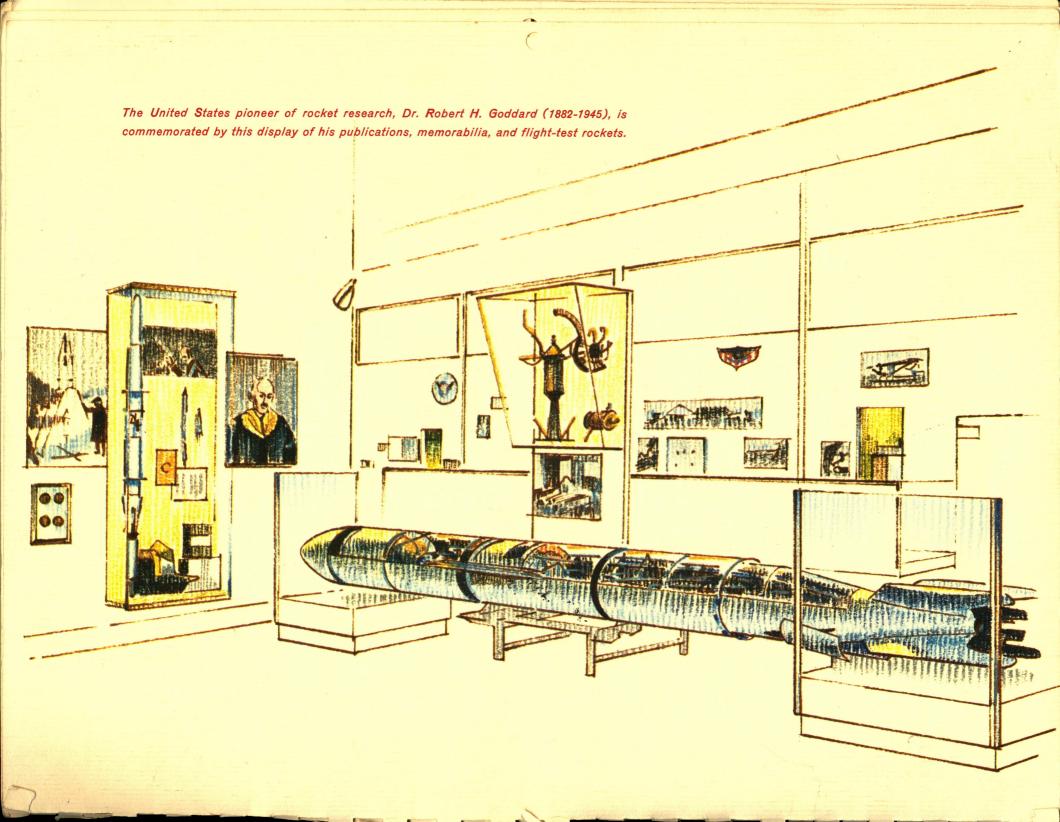


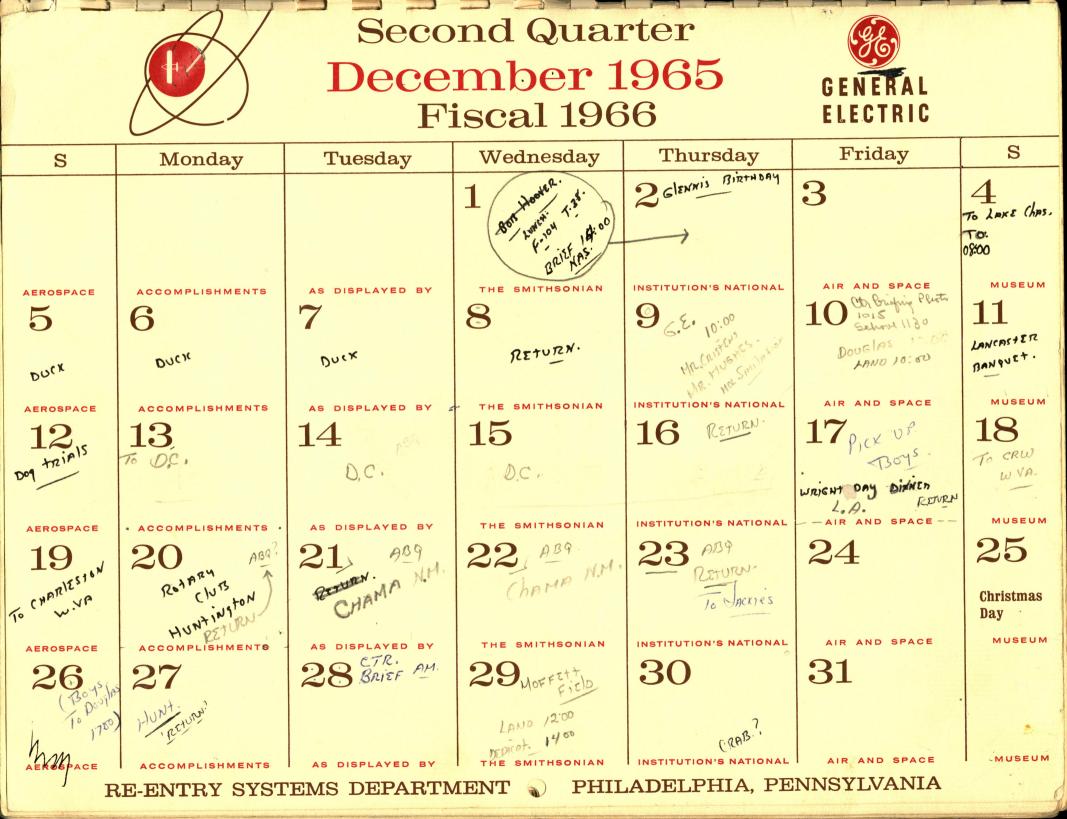


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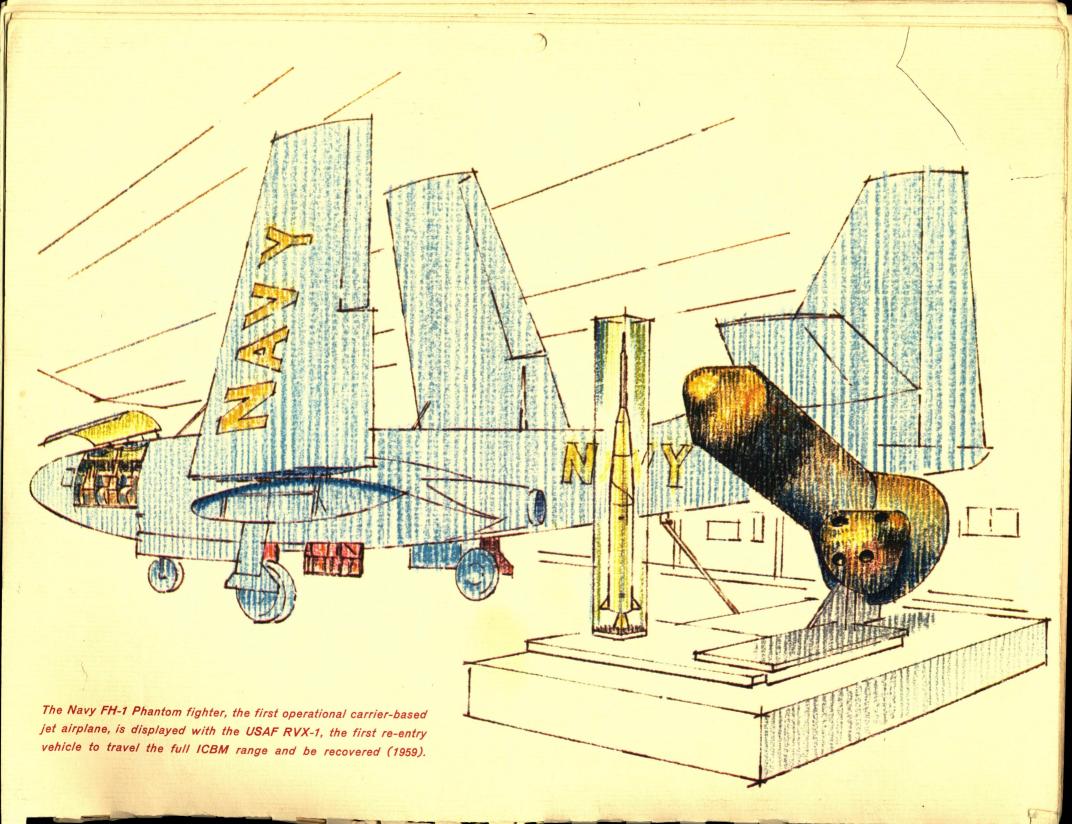
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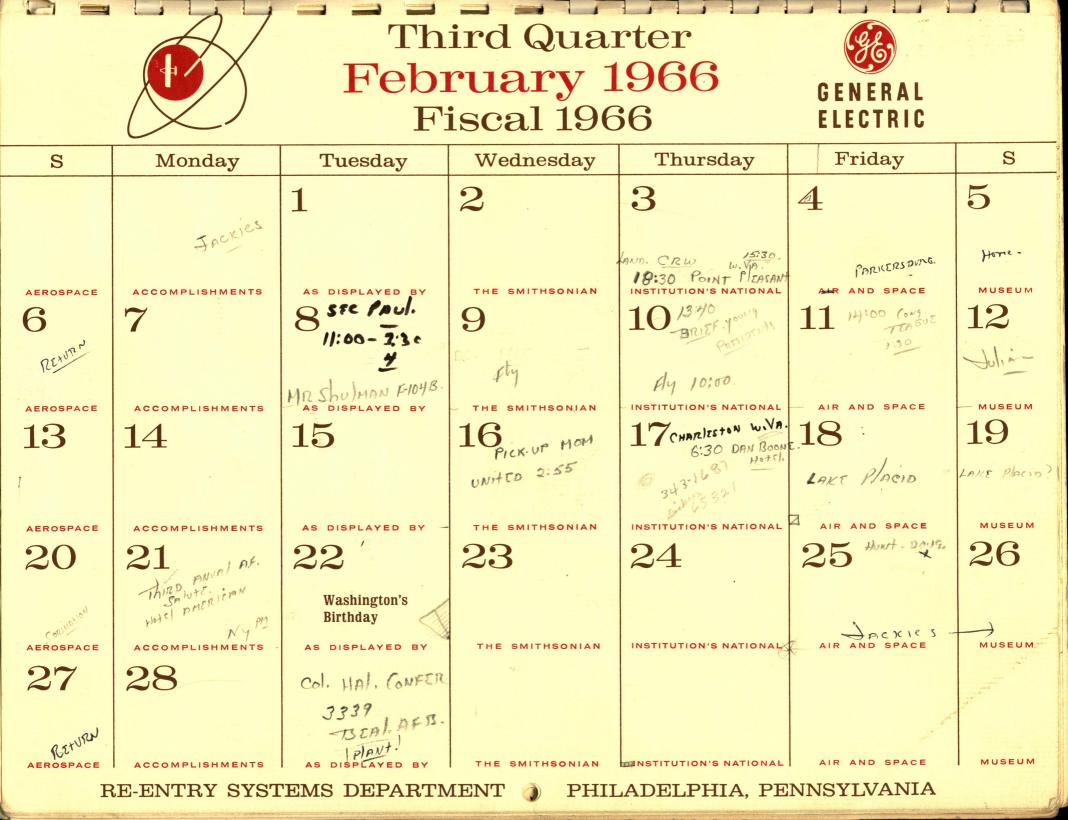


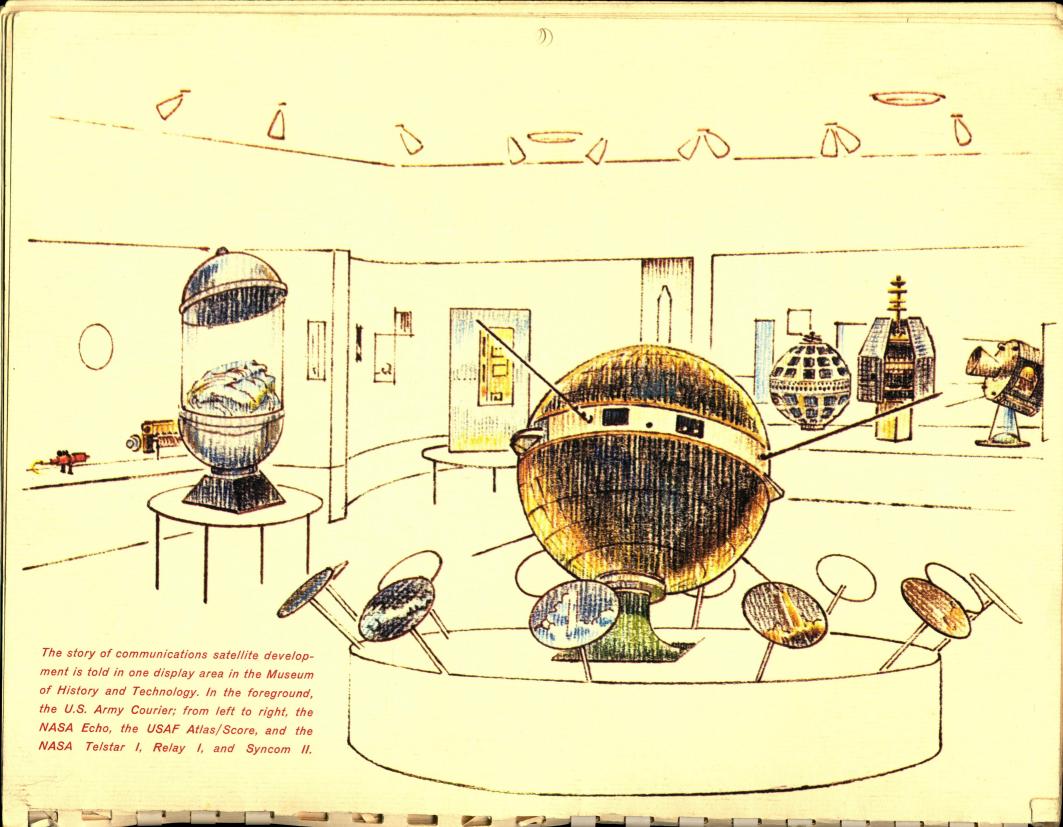


A Palas The "Spirit of St. Louis," the aircraft which Charles A. Lindbergh flew on the first non-stop flight from New York to Paris in 1927, is displayed with a model of the U.S.S. Missouri, the "Big Moe," where the formal surrender of Japan was signed on September 2, 1945.







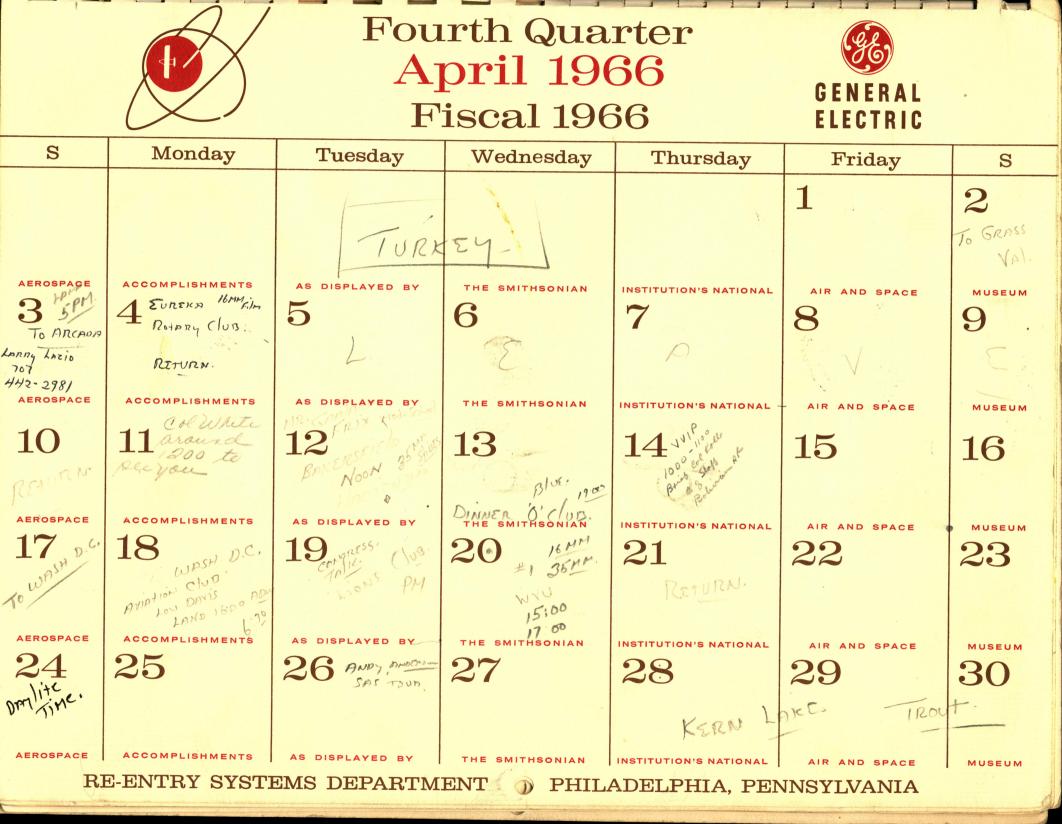




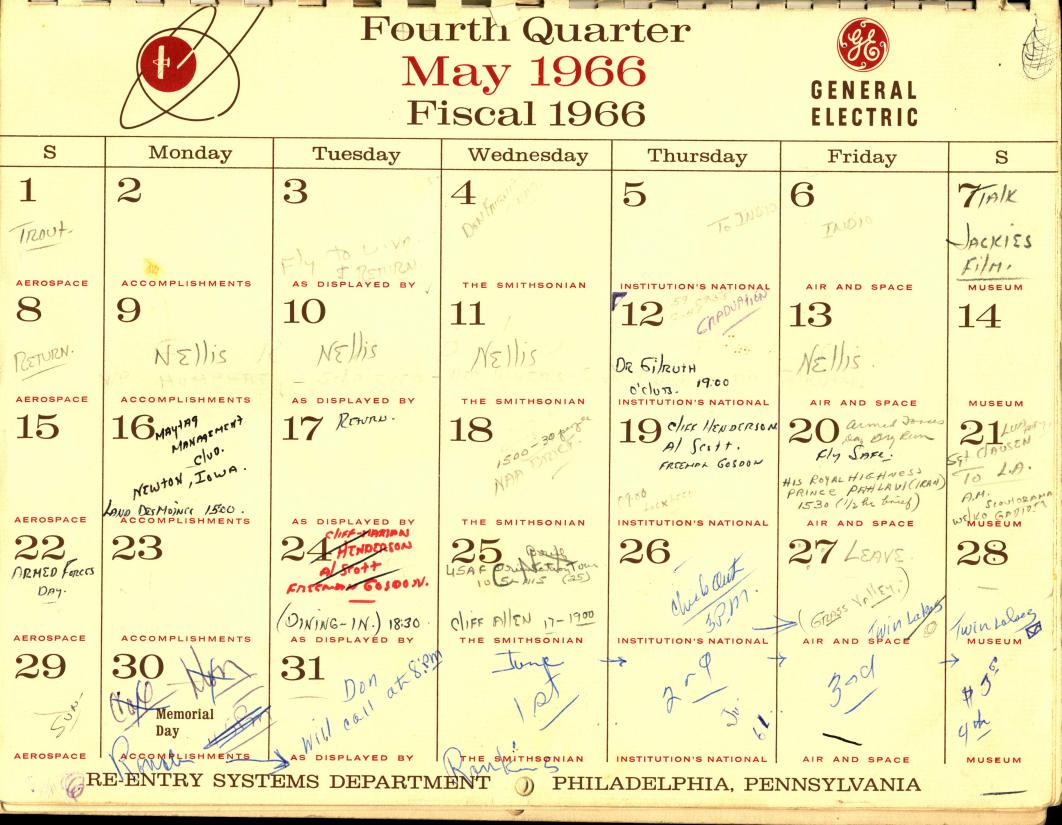
The 1917 experimental Liberty Engine, the basic power plant utilized by many United States aircraft from 1917 to 1930; the USAF Experimental X-1 jet aircraft, the first to break the sonic barrier (1947); and the data sphere, the first scientific payload capsule to be recovered from space (1958); are displayed together.

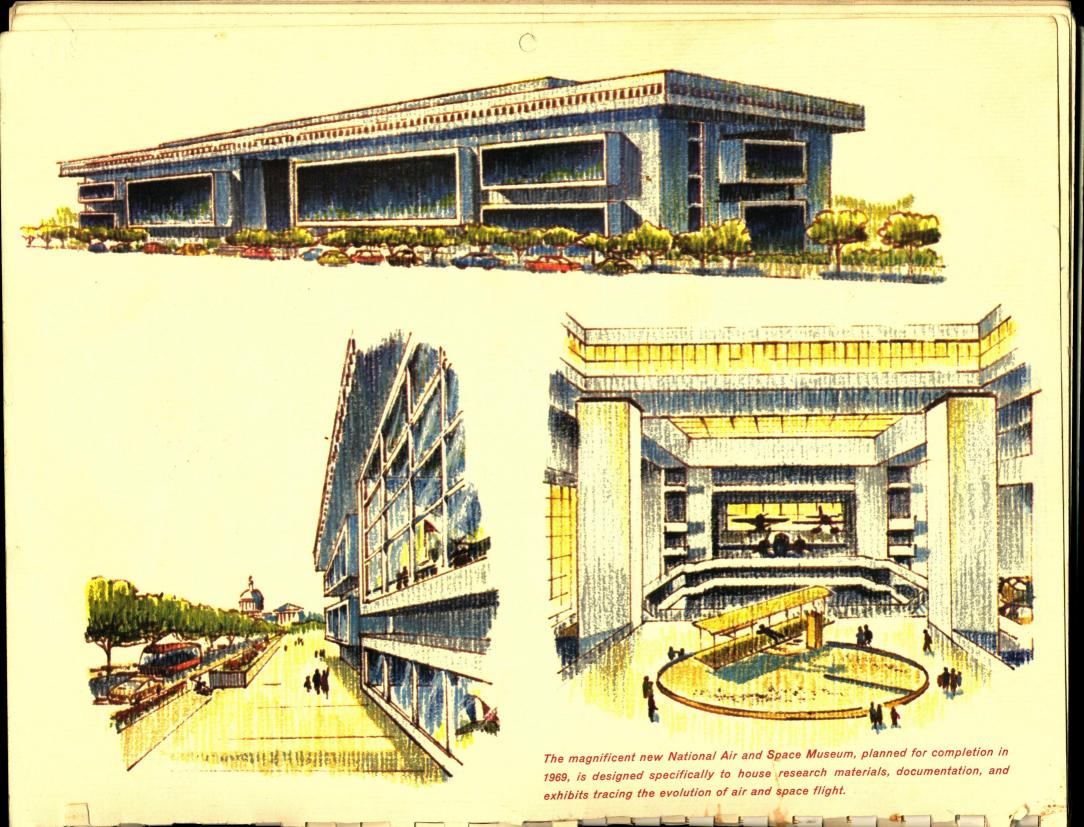
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The NASA Mercury spacecraft "Friendship 7" is displayed in its orbital flight attitude. To the left is the Robert J. Collier Trophy, awarded to the seven United States Astronauts for 1962's "Greatest Achievement in Aeronautics in America."







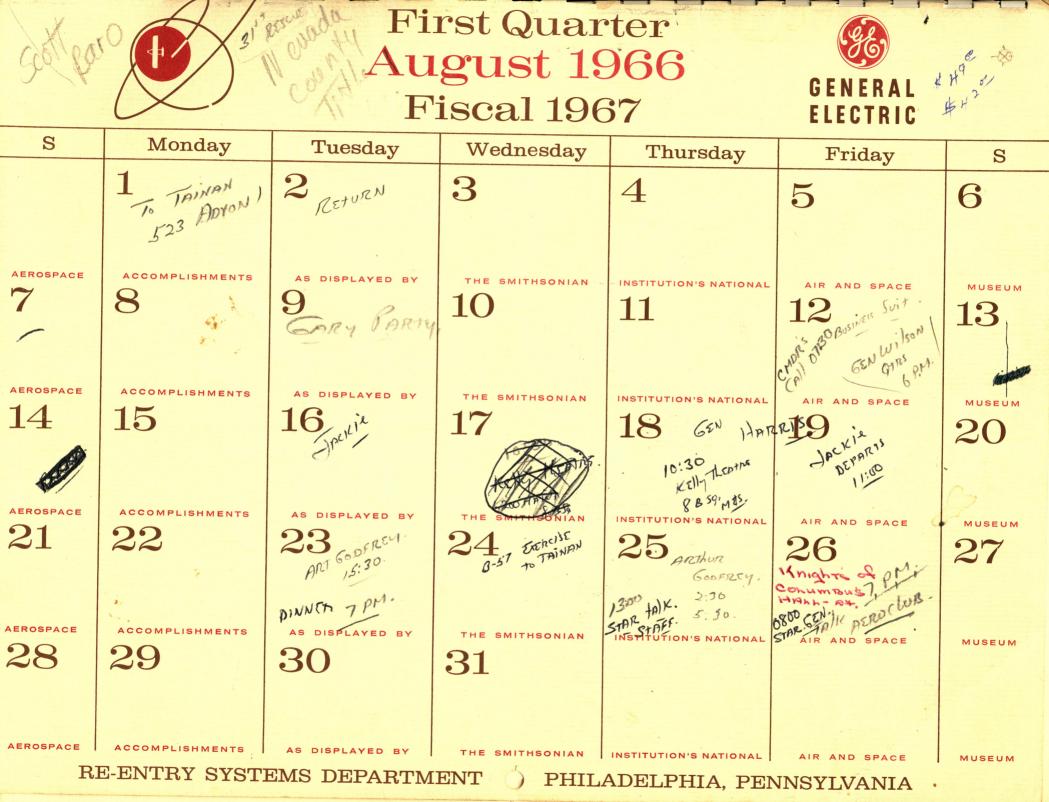


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First Quarter July 1966 Fiscal 1967



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In 1946, one-hundred years after the founding of the Smithsonian Institution, Congress established the National Air Museum to "memorialize the National Development of aviation." As we entered the space age, the objective of the museum was broadened to include space. By 1969, when the magnificent new museum building is expected to be completed, the vast collections of both air and spacecraft will be on permanent display to tell—and continue to tell—of man's conquest and exploration of the world above him.

USAF

We at the General Electric Re-entry Systems Department are proud to have five aerospace items on display in the National Air and Space Museum. The items—the first operational military re-entry system, used on the Thor IRBM and Atlas ICBM; the first data capsule recovered from space; the first space camera to take planetary pictures from a stabilized space vehicle; the first re-entry vehicle to travel the full ICBM range and be recovered; and Discoverer, the first re-entry system ever recovered from space orbit—are representative of the many aerospace accomplishments achieved by the Nation's government, industry, and scientific communities.

This Fiscal Calendar depicts some of the many aerospace exhibits displayed in the Smithsonian Institution's National Air and Space Museum. It is intended to be a tribute to the innumerable dedicated individuals, both civilian and military, who have made and are making our Nation master of air and space. It also represents a salute to the Smithsonian, the first of our great National scientific and cultural institutions.

Mark Morton General Manager Re-entry Systems Department General Ele ic Company