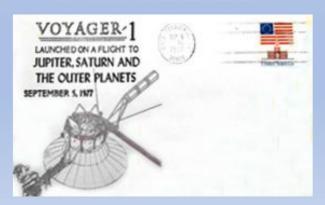
My Space Philatelic Collection















Years: 1500 - 1975

By Barry Zack

What are "Space" Stamps?

"Usual" Categories

- Rockets and Spaceships
- Robotic, Animal, and Human Exploration
- Astronomy, Astronomers, & Rocket Scientists
- Satellites
- Planets, Moons, Earth, and the Cosmos
- Future/Fantasy Space Events
- Historical Events
- US Eagle (with moon)

My Extensions

- Books, Movies, and TV Shows
- Earth as a Planet
- Rocket Mail
- Significant Air Flight Events
- Physicists andScience/Engineering
- US Presidents (key ones)
- Levity

About the Collection

General Theme Collection

Organized by Timeline Event (sort of)

- US focused
- Additional material: USSR/Russia, other Foreign

Materials include:

 Stamps, Bulletins, Souvenir Pages, Commemorative Panels, Ceremony Programs, FDC, Event Covers, PCS pages, Maxi Cards, Golden Replicas, Special Commemorative Material

Legend of Wan Hu



Copernicus



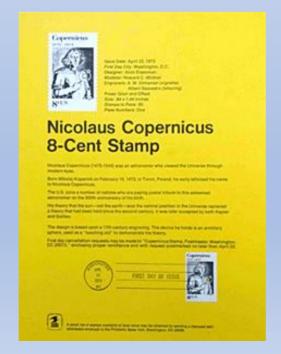






US 1488







Copernicus



First Day Issue Ceremony of the

NICOLAUS COPERNICUS

(1473-1973)

commemorative stamp celebrating the quincentennial of his birth

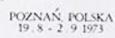
in conjunction with an international symposium. "The Nature of Scientific Discovery" co-sponsored by the National Academy of Sciences and the Smithsonian Institution in cooperation with UNESCO and the Copernicus Society of America.

April 23, 1973. The National Muneum of History and Technology Smithsonian Institution, City of Washington



ŚWIATOWA WYSTAWA FILATELISTYCZNA POLSKA 73



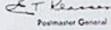


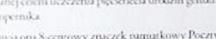




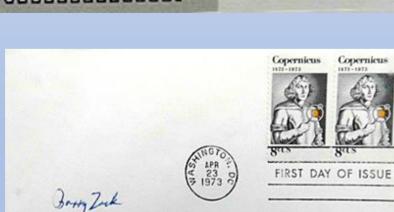
Karta nimejsza została wydana z okazji Światowej Wystawy Filatelistycznej w Poznaniu zwęgania zwanej celem uczeżenia pięcierketa urodzin genulnego zeronoma epoki Odrodzenu. Mikolaja Kopernika

Przedstawa ona 8-centowy znaczek pamiątkowy Poczty Stanów Zjednoczonych wydany 23 kwierma 1973 roku oraz dwa pamiarkowe znaczki Kopernikowskie Poczty Pobkiej

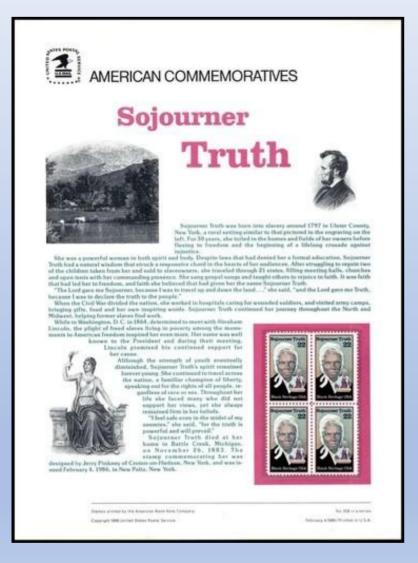








Sojourner Truth





Sojourner Truth

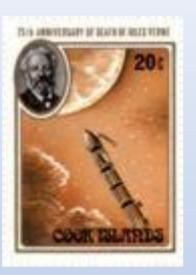
Abolitionist

Won first lawsuit to get her son back from slavery

Sojourner Truth Mars Rover landed July 4, 1997

From the Earth to the Moon









CK 557a, 557b, 558a, 558b



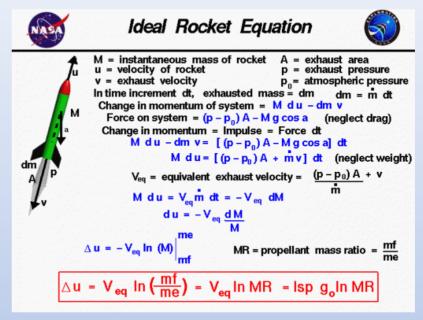
Rocket Scientists - Tsiolkovsky Equation



Konstantin Tsiolkovsky Equation: 1903 SU 1582



Hermann Oberth Multi-Rockets: 1923 PY 945



[Internet Picture Only]



Dr. Robert Goddard Equation: 1912 US C69

Henrietta Leavitt



American Astronomer

Discovered way to measure distances to stars up to 60 million light years away (1912)

Work was used by Edwin Hubble to measure Distances to other galaxies



HENRIETTA SWAN LEAVITT

Born: July 4, 1868 Died: December 12, 1921 Place of birth: United States

- O NASA
- Graduated from Radcliffe College in 1892
- · Became deaf after college and before beginning her important work
- Worked at the Harvard College Observatory
- . Discovered 2,400 variable stars
- Her work led to better ways of measuring the distance to far-off stars and galaxies
- · Was nominated for a Nobel Prize in 1925

Wright Brothers



US 649, 1928





Cancelled in 1929



11

Rocket Mail



Rocket Mail Attempt September 22, 1935 Greenwood Lake, NY



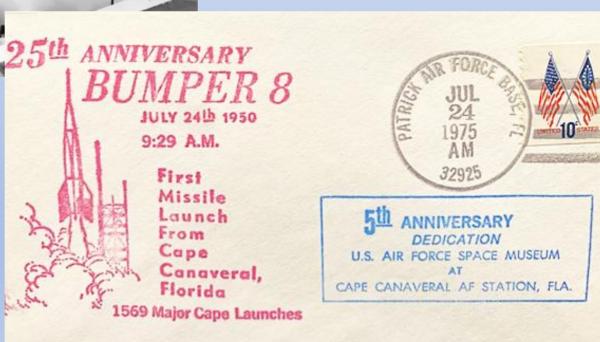


First US Inter-State Rocket Mail flight, Greenwood Lake, NY, February 23,1936

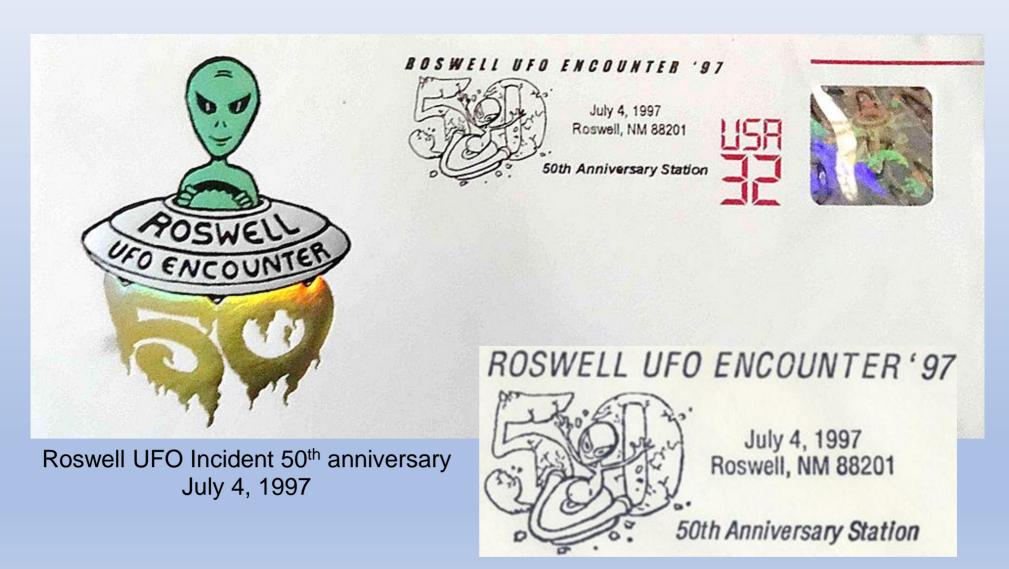
Bumper Program



Bumper Test Flight



The Roswell New Mexico Incident



The Space Age Begins



Sputnik 1 October 4,1957 SU 1992

Explorer 1 January 31,1958

First Sputniks SU 2883





Soviet Space Dogs



Laika - Sputnik 2 January 3, 1957 RO 1200

Zverzdochka - Sputnik 10 March 25, 1961 SU 2491



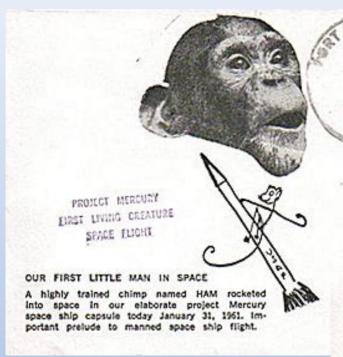
Belka and Strelka - Sputnik 5 August 19, 1960 SU 7247



US - Monkeys in Space

A.M.

1961



HAM
Sub-orbital flight
January 31, 1961
Paved way for
Alan Shepard

ENOS
Orbital flight
November 29, 1961
Dress rehearsal for
John Glenn

U. S. ORBITS OUR FIRST CHIMPANAUT



CHIMPANZEE ENOS
FIRED TWICE AROUND THE EARTH
IN MERCURY CAPSULE AT 17,500 MILES AN HOUR.



CLYDE J. SARZIN PORT WASHINGTON, L. I. NEW YORK, U. S. A.

USSR Cosmonauts



Yuri Gargarin Vostok 1 4/12/1961 SU 2463 4/13/1961



Valentina Tereshkova Vostok 6, 6/16/1963 SU 2749 5/20/1963



SU 2753



Yuri Gargarin SU 2889



Alexei Leonov Voshod 2, March 18,1965 First Spacewalk SU 3015

Project Mercury



US 1193



Alan Shepard First US Sub-orbital Flight May 5, 1961



Captains Cover for MA8 - Schirra Flight October 3, 1962



John Glenn - First US Orbital Flight ₁₉ February 2, 1962

PACE CITY COVER SOCIETY - HOUSTON, TEXAS

Mercury 13





The Blue Origin New Shepard spacecraft was launched on July 20, 2021 in West Texas. On board was Wally Funk, Jeff Bezos his brother Mark Bezos and Oliver Daemen.



Wally Funk, original Mercury 13 member, Blue Origin Flight

Project Gemini



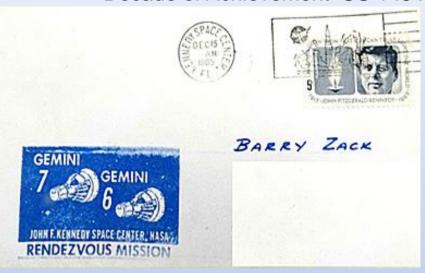
Decade of Achievement US 1434-1435



Gemini 4 - First US Spacewalk McDivitt and White June 3, 1965



USS Boxer - Primary Recovery Ship Gemini 8 Mission

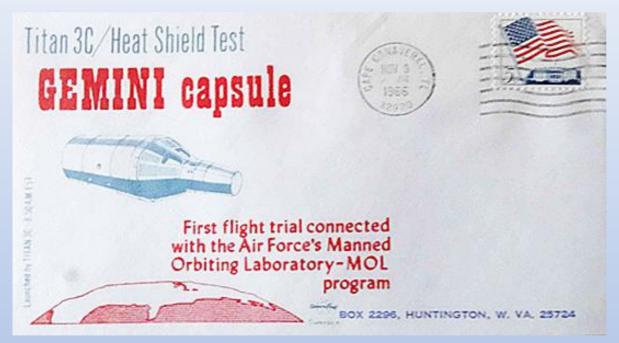


Gemini 7 and 6A - First Spacecraft Rendezvous December 15,1965



USS Leonard Mason - Actual Recovery Ship Ended March 17, 1966

Project MOL



Test Flight November 3, 1966

- . USAF Test Pilot
- . PhD in Physical Chemistry
- . Selected as MOL Astronaut in 1967

Manned Orbital Laboratory

Demonstrate the utility of putting people in space for military missions



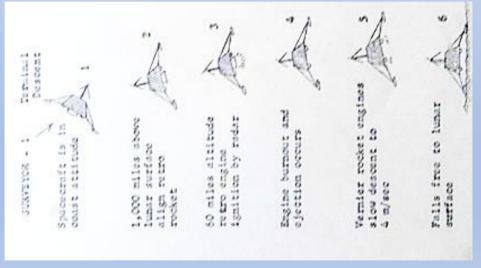
Major Robert Lawerence, Jr. 22 [Internet Photo Only]

Moon Robotic Explorers

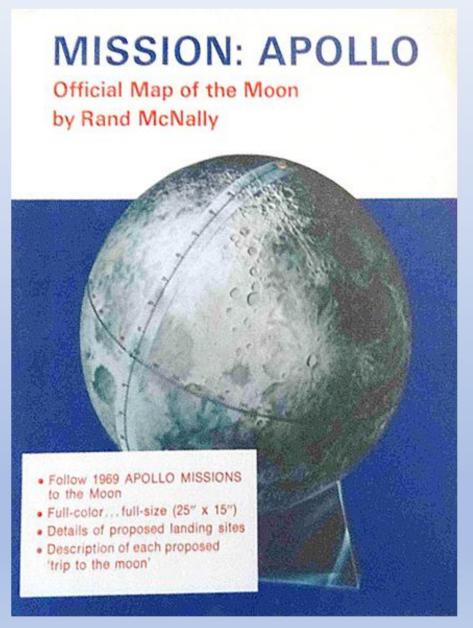


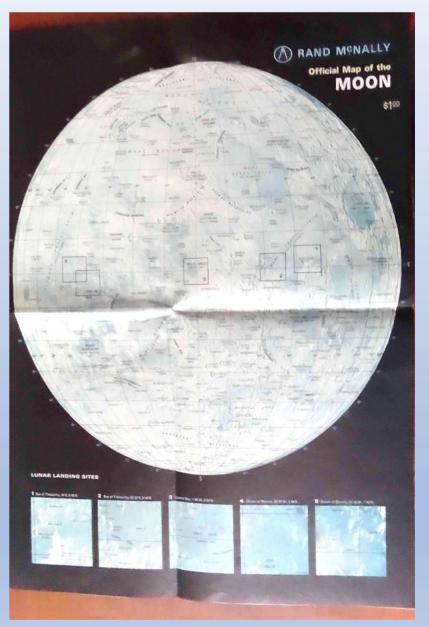
Ranger Program: Take first close up images of the surface of the Moon



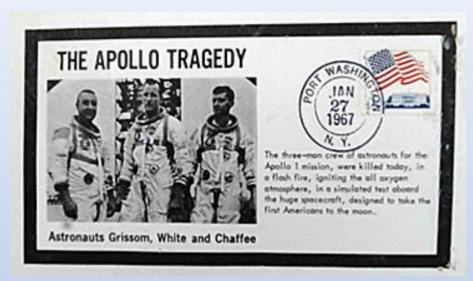


Project Apollo - Moon Map





Project Apollo



Apollo 1 Tragedy January 27, 1967 Honoring Gus Grissom, Ed White, & Roger Chaffee



Apollo 8 – December, 1968

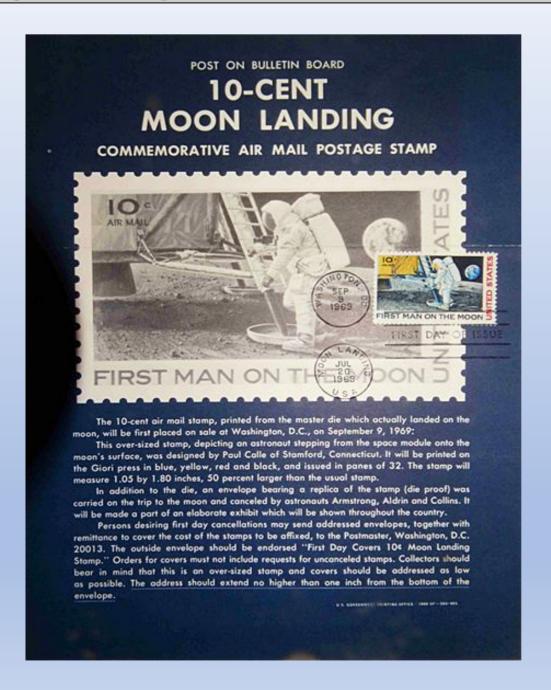


Apollo 13 - "Moon Landing" Cover



Apollo 13 - Vatican Cover

Project Apollo





US 1371



US C76



US 3188c

Satellite Names









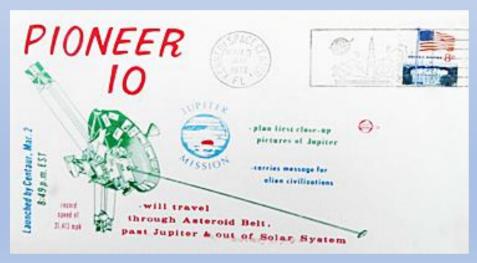


Pioneer Program





Pioneer Program: 1962 - 1997





Launched March 3, 1972 First Probe to Jupiter Launched April 5, 1973 First Probe to Saturn

Mariner Program



US 1557





Mariner 10 Launched November 3, 1973 First spacecraft to use a gravity assist trajectory



Skylab



US 1529



Skylab Launch May 14, 1973







Apollo - Soyuz



US 1569-1570

Spacecrafts Docked July 17, 1975



SU 4339-4340





Movies, Comics, and TV



Devis
Tower
US 1084,
1956
UFO
location for
"Close
Encounters
of the Third
Kind",
11/16/1977



Flash Gordon - 1934 US 3000p



Superman - 1938 US 3185f



Star Trek - 1966 US 3188e