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Footprints in the Dust
Reinventing NASA
Inventing the American Astronaut
Flight
Failure Is Not an Option
One Giant Leap

CAMERON AUGUSTUS

Gemini 5 Random House

This third book of the Gemini mission series focuses on the flight that simulated in Earth orbit the duration of an eight-day Apollo mission to the Moon. After the proof-of-concept test flights Gemini 1, 2 and 3 (as described in GEMINI FLIES!) and the success of the first American EVA as well as the four-day U.S. mission (GEMINI 4), NASA gained the confidence to gradually increase mission time spent in orbit. This is the first known book to focus solely on the Gemini 5 mission and its challenges with equipment failures and difficult living conditions. The mission was targeted to double the endurance of the previous one, and as such was an integral stepping stone for an even more audacious mission four months later. Attempting the eight- and then fourteen-day durations would be an opportunity for America to gain the lead in space exploration over the Soviets. This mission pioneered the duration of a flight to the Moon and back three years before Apollo 8 made that journey, without a lunar landing, for the first time.

Apollo Pilot Open Road Media

In October 1968 Donn Eisele flew with fellow astronauts Walt Cunningham and Wally Schirra into Earth orbit in Apollo 7. The first manned mission in the Apollo program and the first manned flight after a fire during a launch pad test killed three astronauts in early 1967, Apollo 7 helped restart NASA's manned-spaceflight program. Known to many as a goofy, lighthearted prankster, Eisele worked his way from the U.S. Naval Academy to test pilot school and then

into the select ranks of America's prestigious astronaut corps. He was originally on the crew of Apollo 1 before being replaced due to injury. After that crew died in a horrific fire, Eisele was on the crew selected to return Americans to space. Despite the success of Apollo 7, Eisele never flew in space again, as divorce and a testy crew commander led to the three astronauts being labeled as troublemakers. Unbeknownst to everyone, after his retirement as a technical assistant for manned spaceflight at NASA's Langley Research Center in 1972, Eisele wrote in detail about his years in the air force and his time in the Apollo program. Long after his death, Francis French discovered Eisele's unpublished memoir, and Susie Eisele Black (Donn's widow) allowed French access to her late husband's NASA files and personal effects. Readers can now experience an Apollo story they assumed would never be written as well as the story behind its discovery.

Rocket Men Macmillan + ORM

The definitive biography of Alan Shepard, America's first man in space, with a new Foreword by Chris Kraft "One of the finest books ever written about the space program."—Homer Hickam, author of *Rocket Boys* "A wonderful and gripping biography . . . meticulously reported in the best tradition of David Halberstam."—Buzz Bissinger, *New York Times* bestselling author of *Friday Night Lights* Alan Shepard was the brashest, cockiest, and most flamboyant of America's original Mercury Seven, but he was also regarded as the best. Intense, colorful, and dramatic, he was among the most private of America's public figures and, until his death in 1998, he guarded the story of his life zealously. *Light This Candle*, based on Neal Thompson's exclusive access to private

papers and interviews with Shepard's family and closest friends—including John Glenn, Wally Schirra, and Gordon Cooper—offers a riveting, action-packed account of Shepard's life.

Rocket Men U of Nebraska Press

The astronauts tell the story of their individual experiences and achievements.

American Moonshot Scholastic Inc.

A history of early space flight focuses on the careers of both American astronauts and Soviet cosmonauts and includes coverage of other persons who worked in support roles.

Forever Young Penguin

Fifty years after the Moon landing, a new history of the space race explores the lives of both Soviet and American engineers. At the dawn of the space age, technological breakthroughs in Earth orbit flight were both breathtaking feats of ingenuity and disturbances to a delicate global balance of power. In this short book, aerospace historian Roger D. Launius concisely and engagingly explores the driving force of this era: the race to the Moon. Beginning with the launch of Sputnik 1 in October 1957 and closing with the end of the Apollo program in 1972, Launius examines how early space exploration blurred the lines between military and civilian activities, and how key actions led to space firsts as well as crushing failures. Launius places American and Soviet programs on equal footing—following American aerospace engineers Wernher von Braun and Robert Gilruth, their Soviet counterparts Sergei Korolev and Valentin Glushko, and astronaut Buzz Aldrin and cosmonaut Alexei Leonov—to highlight key actions that led to various successes, failures, and ultimately the American Moon landing.

The Greatest Adventure MIT Press

Following the fortieth anniversary of Apollo 11, as NASA prepares to return astronauts to the moon, *Footprints in the Dust* offers a thorough, engrossing, and multifaceted account of the Apollo missions. The flight of Apollo 11 was a triumph of human endeavor, persistence, and technology, one of the greatest achievements in human history. This book begins with the mission that sent Neil Armstrong and Edwin "Buzz" Aldrin to the moon, then follows American spaceflight through the harrowing rescue of Apollo 13 before moving on to the successful joint Apollo-Soyuz mission in 1975. Drawing on extensive research and interviews with key figures in the space program, the authors convey the human drama and chart the technological marvels that went into the Apollo missions. They also put the accomplishments of American spaceflight into historical context, examining the competitive space race with the Soviet Union, the roles of politics and personality in launching the mission, and the consequences, practical and profound, of this giant leap for mankind.

Apollo Remastered Simon & Schuster

Who were the men who led America's first expeditions into space? Soldiers? Daredevils? The public sometimes imagined them that way: heroic military men and hot-shot pilots without the capacity for doubt, fear, or worry. However, early astronauts were hard-working and determined professionals - 'organization men' - who were calm, calculating, and highly attuned to the politics and celebrity of the Space Race. Many would have been at home in corporate America - and until the first rockets carried humans into space, some seemed to be headed there. Instead, they strapped themselves to missiles

and blasted skyward, returning with a smile and an inspiring word for the press. From the early days of Project Mercury to the last moon landing, this lively history demystifies the American astronaut while revealing the warring personalities, raw ambition, and complex motives of the men who were the public face of the space program.

To Fly Among the Stars: The Hidden Story of the Fight for Women Astronauts (Scholastic Focus) National Academies Press

Deke! Macmillan + ORM

We Seven HarperCollins

A riveting history of the epic orbital flight that put America back into the space race. If the United States couldn't catch up to the Soviets in space, how could it compete with them on Earth? That was the question facing John F. Kennedy at the height of the Cold War—a perilous time when the Soviet Union built the wall in Berlin, tested nuclear bombs more destructive than any in history, and beat the United States to every major milestone in space. The race to the heavens seemed a race for survival—and America was losing. On February 20, 1962, when John Glenn blasted into orbit aboard Friendship 7, his mission was not only to circle the planet; it was to calm the fears of the free world and renew America's sense of self-belief. *Mercury Rising* re-creates the tension and excitement of a flight that shifted the momentum of the space race and put the United States on the path to the moon. Drawing on new archival sources, personal interviews, and previously unpublished notes by Glenn himself, *Mercury Rising* reveals how the astronaut's heroics lifted the nation's hopes in what Kennedy called the "hour of maximum danger."

Into That Silent Sea Springer Nature

Unlike other American astronauts, Virgil I. "Gus" Grissom never had the chance to publish his memoirs—save for an account of his role in the Gemini program—before the tragic launch pad fire on January 27, 1967, which took his life and those of Edward White and Roger Chaffee. The international prestige of winning the Moon Race cannot be understated, and Grissom played a pivotal and enduring role in securing that legacy for the United States. Indeed, Grissom was first and foremost a Cold Warrior, a member of the first group of Mercury astronauts whose goal it was to beat the Soviet Union to the moon. Drawing on extensive interviews with fellow astronauts, NASA engineers, family members, and friends of Gus Grissom, George Leopold delivers a comprehensive survey of Grissom's life that places his career in the context of the Cold War and the history of human spaceflight. *Calculated Risk: The Supersonic Life and Times of Gus Grissom* adds significantly to our understanding of that tumultuous period in American history. --Publisher Calculated Risk U of Nebraska Press Here, Dave Shayler examines the hurdles faced by space crews as they prepare and embark on space missions. Divided into six parts, the text opens with the fateful, tragic mission of the Challenger crew in 1986. This is followed by a review of the risks that accompany every space trip and the unique environment in which the space explorer lives and works. The next four sections cover the four parts of any space flight (training, launch, in-flight and recovery) and present major historical incidents in each case. The final section looks at the next forty years beyond the Earth's atmosphere, beginning with the

International Space Station and moving on to the difficulties inherent in a manned exploration of Mars.

Moon Bound Deke!

A searing look at the birth of America's space program, and the men and women aviators who set its course. In the 1960s, locked in a heated race to launch the first human into space, the United States selected seven superstar test pilots and former military air fighters to NASA's astronaut class -- the Mercury 7. The men endured grueling training and constant media attention for the honor of becoming America's first space heroes. But a group of 13 women -- accomplished air racers, test pilots, and flight instructors -- were enduring those same astronaut tests in secret, hoping to defy social norms and earn a spot among the stars. With thrilling stories of aviation feats, frustrating tales of the fight against sexism, and historical photos, *To Fly Among the Stars* recounts an incredible era of US innovation, and the audacious hope of the women who took their fight for space flight all the way to Washington, DC.

Deke! Springer Science & Business Media

Tom Wolfe at his very best" (The New York Times Book Review), *The Right Stuff* is the basis for the 1983 Oscar Award-winning film of the same name and the 8-part Disney+ TV mini-series. From "America's nerviest journalist" (Newsweek)--a breath-taking epic, a magnificent adventure story, and an investigation into the true heroism and courage of the first Americans to conquer space. " Millions of words have poured forth about man's trip to the moon, but until now few people have had a sense of the most engrossing side of the adventure; namely, what went on in the minds of the astronauts

themselves - in space, on the moon, and even during certain odysseys on earth. It is this, the inner life of the astronauts, that Tom Wolfe describes with his almost uncanny empathetic powers, that made *The Right Stuff* a classic.

Astronaut Maker U of Nebraska Press

This is the story of the work of the original NASA space pioneers; men and women who were suddenly organized in 1958 from the then National Advisory Committee on Aeronautics (NACA) into the Space Task Group. A relatively small group, they developed the initial mission concept plans and procedures for the U. S. space program. Then they boldly built hardware and facilities to accomplish those missions. The group existed only three years before they were transferred to the Manned Spacecraft Center in Houston, Texas, in 1962, but their organization left a large mark on what would follow. Von Ehrenfried's personal experience with the STG at Langley uniquely positions him to describe the way the group was structured and how it reacted to the new demands of a post-Sputnik era. He artfully analyzes how the growing space program was managed and what techniques enabled it to develop so quickly from an operations perspective. The result is a fascinating window into history, amply backed up by first person documentation and interviews.

Wonders All Around Crown

NASA—the National Aeronautics and Space Administration created in the wake of the Space Act—has and continues to accomplish those precepts every day. With many hundreds of satellites launched into space and close to 200 human spaceflights, NASA is a proven leader in space exploration. Most of the US space exploration efforts have been led by NASA, including the Apollo

moon-landing missions, the Skylab space station, and later the Space Shuttle. Currently, NASA is supporting the International Space Station and is overseeing the development of the Orion Multi-Purpose Crew Vehicle, the Space Launch System and Commercial Crew vehicles. NASA is also responsible for the Launch Services Program which provides oversight of launch operations and countdown management for unmanned NASA launches. The Historical Guide to NASA and the Space Program contains a chronology, an introduction, appendixes, and an extensive bibliography. The dictionary section has over 500 cross-referenced entries on space missions, astronauts, technical terms, space shuttles, satellites and the international space station. This book is an excellent access point for students, researchers, and anyone wanting to know more about NASA and space exploration.

Light This Candle Farrar, Straus and Giroux

What an amazing career. Tom Stafford attained the highest speed ever reached by a test pilot (28,547 mph), carried a cosmonaut's coffin with Soviet Secretary Leonid Brezhnev, led the team that designed the sequence of missions leading to the original lunar landing, and drafted the original specifications for the B-2 stealth bomber on a piece of hotel stationery. But his crowning achievement was surely his role as America's unofficial space ambassador to the Soviet Union during the darkest days of the Cold War. In this lively memoir written with Michael Cassutt, Stafford begins by recounting his early successes as a test pilot, Gemini and Apollo astronaut, and USAF general. As President Nixon's stand-in at the 1971 Soviet funeral for three cosmonauts, he opened the door to the possibility of

cooperation in space between Russians and Americans. Stafford's Apollo-Soyuz team was the first group of Americans to work at the cosmonaut training center, and also the first to visit Baikonur, the top-secret Soviet launch center, in 1974. His 17 July 1975 "handshake in space" with Soviet commander Alexei Leonov (who became a lifelong friend) proved to the world that the two opposing countries could indeed work successfully together. Stafford has continued in this leadership role right up to the present, participating in designing and evaluating the Space Shuttle, Mir, and the International Space Station. He is truly an American hero who personifies the broadest spirit of exploration and cooperation.

Mercury Rising: John Glenn, John Kennedy, and the New Battleground of the Cold War Forge Books

AN INSTANT SUNDAY TIMES BESTSELLER
Discover space as you've never seen it before, with these awe-inspiring, breathtakingly restored images of our first missions to the Moon 'The next best thing to being there' Charlie Duke, Apollo 16 astronaut 'One of the best records of Apollo history ever produced' David R. Scott, Apollo 15 Commander In a frozen vault in Houston sits the original NASA photographic film of the Apollo missions. For half a century, almost every image of the Moon landings publicly available was produced from a lower-quality copy of these originals. Now we can view them as never before. Expert image restorer Andy Saunders has taken newly available digital scans and, applying painstaking care and cutting-edge enhancement techniques, he has created the highest quality Apollo photographs ever produced. Never-before-seen spacewalks and crystal-clear portraits of astronauts in their

spacecraft, along with startling new visions of the Earth and the Moon, offer astounding new insight into one of our greatest endeavours. This is the definitive record of the Apollo missions and a mesmerizing, high definition journey into the unknown.

The Right Stuff U of Nebraska Press
The New York Times bestselling, “meticulously researched and absorbingly written” (The Washington Post) story of the trailblazers and the ordinary Americans on the front lines of the epic Apollo 11 moon mission. President John F. Kennedy astonished the world on May 25, 1961, when he announced to Congress that the United States should land a man on the Moon by 1970. No group was more surprised than the scientists and engineers at NASA, who suddenly had less than a decade to invent space travel. When Kennedy announced that goal, no one knew how to navigate to the Moon. No one knew how to build a rocket big enough to reach the Moon, or how to build a computer small enough (and powerful enough) to fly a spaceship there. No one knew what the surface of the Moon was like, or what astronauts could eat as they flew there. On the day of Kennedy’s historic speech, America had a total of fifteen minutes of spaceflight experience—with just five of those minutes outside the atmosphere. Russian dogs had more time in space than US astronauts. Over the next decade, more than 400,000 scientists, engineers, and factory workers would send twenty-four astronauts to the Moon. Each hour of space flight would require one million hours of work back on Earth to get America to the Moon on July 20, 1969. “A veteran space reporter with a vibrant touch—nearly every sentence has a fact, an insight, a colorful

quote or part of a piquant anecdote” (The Wall Street Journal) and in *One Giant Leap*, Fishman has written the sweeping, definitive behind-the-scenes account of the furious race to complete one of mankind’s greatest achievements. It’s a story filled with surprises—from the item the astronauts almost forgot to take with them (the American flag), to the extraordinary impact Apollo would have back on Earth, and on the way we live today. From the research labs of MIT, where the eccentric and legendary pioneer Charles Draper created the tools to fly the Apollo spaceships, to the factories where dozens of women sewed spacesuits, parachutes, and even computer hardware by hand, Fishman captures the exceptional feats of these ordinary Americans. “It’s been 50 years since Neil Armstrong took that one small step. Fishman explains in dazzling form just how unbelievable it actually was” (Newsweek).

Deke! Yale University Press
Near the end of the Apollo 15 mission, David Scott and fellow moonwalker James Irwin conducted a secret ceremony unsanctioned by NASA: they placed on the lunar soil a small tin figurine called The Fallen Astronaut, along with a plaque bearing a list of names. By telling the stories of those sixteen astronauts and cosmonauts who died in the quest to reach the moon between 1962 and 1972, this book enriches the saga of humankind’s greatest scientific undertaking, Project Apollo, and conveys the human cost of the space race. Many people are aware of the first manned Apollo mission, in which Gus Grissom, Ed White, and Roger Chaffee lost their lives in a fire during a ground test, but few know of the other five fallen astronauts whose stories this

book tells as well, including Ted Freeman and C.C. Williams, who died in the crashes of their T-38 jets; the "Gemini Twins," Charlie Bassett and Elliot See, killed when their jet slammed into the building where their Gemini capsule was undergoing final construction; and Ed Givens, whose fatal car crash has until now been obscured by rumors. Supported by extensive interviews and archival material, the extraordinary lives

and accomplishments of these and other fallen astronauts--including eight Russian cosmonauts who lost their lives during training--unfold here in intimate and compelling detail. Their stories return us to a stirring time in the history of our nation and remind us of the cost of fulfilling our dreams. This revised edition includes expanded and revised biographies and additional photographs.

Best Sellers - Books :

- [Chicka Chicka Boom Boom \(board Book\)](#)
- [Our Class Is A Family \(our Class Is A Family & Our School Is A Family\) By Shannon Olsen](#)
- [How To Win Friends & Influence People \(dale Carnegie Books\)](#)
- [If Animals Kissed Good Night](#)
- [Think And Grow Rich: The Landmark Bestseller Now Revised And Updated For The 21st Century \(think And Grow Rich Series\)](#)
- [Kindergarten, Here I Come!](#)
- [Never Lie: An Addictive Psychological Thriller By Freida Mcfadden](#)
- [How To Catch A Leprechaun By Adam Wallace](#)
- [The Inmate: A Gripping Psychological Thriller By Freida Mcfadden](#)
- [Twisted Lies \(twisted, 4\) By Ana Huang](#)