



# FALLEN ASTRONAUTS

*Heroes Who Died Reaching for the Moon*

REVISED EDITION

— Colin Burgess & Kate Doolan —

*with Bert Vis*

FOREWORD BY EUGENE A. CERNAN

# Fallen Astronauts Heroes Who Died Reaching For The Moon

**IM Harris**



## **Fallen Astronauts Heroes Who Died Reaching For The Moon:**

*Fallen Astronauts* Colin Burgess, Kate Doolan, 2003-12-01 The author serves up a touching long overdue tribute to the astronauts who died while pursuing their very difficult jobs including the victims of the Apollo fire and the two Gemini astronauts killed in a plane wreck as well as others

**Simultaneous History** *The First Soviet Cosmonaut Team* Colin Burgess, Rex Hall, 2009-03-27 The First Soviet Cosmonaut Team will relate who these men were and offer far more extensive background stories in addition to those of the more familiar names of early Soviet space explorers from that group Many previously unpublished photographs of these missing candidates will also be included for the first time in this book It will be a detailed but highly readable and balanced account of the history training and experiences of the first group of twenty cosmonauts of the USSR A covert recruitment and selection process was set in motion throughout the Soviet military in August 1959 just prior to the naming of America's Mercury astronauts Those selected were ordered to report for training at a special camp outside of Moscow in the spring of 1960 Just a year later Senior Lieutenant Yuri Gagarin of the Soviet Air Force promoted in flight to the rank of major was launched aboard a Vostok spacecraft and became the first person ever to achieve space flight and orbit the Earth

*Fallen Astronauts* Colin Burgess, Kate Doolan, Bert Vis, 2016 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

**Reaching for the Moon** Roger D Launius, 2019-06-25 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

*Liberty Bell 7* Colin Burgess, 2014-03-19 NASA's Mercury astronauts were seven highly skilled professional test pilots Each of them seemed to possess the strength of character and commitment necessary to overcome apparently insurmountable obstacles as the United States entered into a Cold War space race with the Soviet Union This was never more evident than on the epic suborbital MR 4 flight of Liberty Bell 7 with astronaut Virgil Gus Grissom piloting the spacecraft to a successful splashdown followed by the premature blowing of the craft's explosive hatch After a hurried exit and struggling to stay afloat he could only watch helplessly as the recovery helicopter pilot valiantly fought a losing battle to save the sinking capsule That day NASA not only lost a spacecraft but came perilously close to losing one of its Mercury astronauts a decorated Korean fighter pilot from Indiana who might one day have soared to the highest goal of them all as the first person to set foot on the Moon For the first time many of those closest to the flight of Liberty Bell 7 and astronaut Gus Grissom offer their stories and opinions on the dramatic events of July 21 1961 and his later pioneering Gemini mission They also tell of an often controversial life cut tragically and horrifically short in a launch pad fire that shocked the nation

*Gemini Flies!* David J. Shayler, 2018-03-26 In May 1961 President John F Kennedy committed the United States to landing a man on the moon before the end of the decade With just a handful of years to pull it off NASA authorized the Project Gemini space program which gathered vital knowledge needed to achieve the nation's goal This book introduces the crucial three step test program employed by the Gemini system covering The short unmanned orbital flight of Gemini 1 that tested the compatibility of launch vehicle spacecraft and ground systems The unmanned suborbital flight of Gemini 2 to establish the integrity of the reentry system and protective heat shield The three orbit manned evaluation flight of Gemini 3 christened Molly Brown by her crew A mission recalled orbit by orbit using mission transcripts post flight reports and the astronauts own account of their historic journey The missions of Project Gemini was the pivotal steppingstone between Project Mercury and the Apollo Program Following the success of its first two unmanned missions and the exploits of Gus Grissom and John Young on Gemini 3 NASA gained the confidence to plan an even bolder step on its next mission as described in the next book in this series on Gemini 4

**Apollo's Legacy** Roger D. Launius, 2019-05-14 An all encompassing look at the history and enduring impact of the Apollo space program In *Apollo's Legacy* space historian Roger D Launius explores the many faceted stories told about the meaning of the Apollo program and how it forever altered American society The Apollo missions marked the first time human beings left Earth's orbit and visited another world and thus they loom large in our collective memory Many have

detailed the exciting events of the Apollo program but Launius offers unique insight into its legacy as seen through multiple perspectives. He surveys a wide range of viewpoints and narratives both positive and negative surrounding the program. These include the argument that Apollo epitomizes American technological and political progress, technological and scientific advances garnered from the program, critiques from both sides of the political spectrum about the program's expenses and even conspiracy theories and denials of the program's very existence. Throughout the book, Launius weaves in stories from important moments in Apollo's history to draw readers into his analysis. *Apollo's Legacy* is a must read for space buffs interested in new angles on a beloved cultural moment and those seeking a historic perspective on the Apollo program.

**Calculated Risk** George Leopold, 2016-06-15 Unlike other American astronauts, Virgil I. Gus Grissom never had the chance to publish his memoirs. Killed along with his crew in a launch pad fire on January 27, 1967, Grissom also lost his chance to walk on the moon and return to describe his journey. Others went in his place. The stories of the moon walkers are familiar. Less appreciated are Grissom's contributions. 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 into space and eventually to the moon. Drawing on extensive interviews with fellow astronauts, NASA engineers, family members, and friends of Gus Grissom, George Leopold delivers a comprehensive and corrective account 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 and ultimately triumphant period in American history.

**Footprints in the Dust** Colin Burgess, 2010-06-01 Arriving on 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.

*The Last of NASA's Original Pilot Astronauts* David J. Shayler, Colin Burgess, 2017-06-19 Resulting from the authors' deep research into these two pre-Shuttle astronaut groups, many intriguing and untold stories behind the selection process are revealed in the book. The often extraordinary backgrounds and personal ambitions of these skilled pilots, chosen to continue NASA's exploration and knowledge of the space frontier, are also examined. In April 1966, NASA selected 19 pilot

astronauts whose training was specifically targeted to the Apollo lunar landing missions and the Earth orbiting Skylab space station Three years later following the sudden cancellation of the USAF's highly classified Manned Orbiting Laboratory MOL project seven military astronauts were also co-opted into NASA's space program This book represents the final chapter by the authors in the story of American astronaut selections prior to the era of the Space Shuttle Through personal interviews and original NASA documentation readers will also gain a true insight into a remarkable age of space travel as it unfolded in the late 1960s and the men who flew those historic missions

The Feather Detective Chris Sweeney, 2025-07-22 The fascinating and remarkable true story of the world's first forensic ornithologist Roxie Laybourne who broke down barriers for women solved murders and investigated deadly airplane crashes with nothing more than a microscope and a few fragments of feathers Provided by publisher

Selecting the Mercury Seven Colin Burgess, 2011-08-17 The names of the seven Mercury astronauts were announced in April 1959 amid a flurry of publicity and patriotism This work provides biographical details of all thirty-two finalists for the seven coveted places as America's pioneering astronauts All of the candidates were among the nation's elite pilots involved in testing new supersonic aircraft capabilities Most had served as wartime fighter and bomber pilots some were test pilots on top secret and sophisticated aviation projects while others were fleet admirals prisoners of war and proposed pilots for spaceflight programs such as the Dyna Soar X-20 The names of all 32 finalists have been kept secret until very recently Selecting the Mercury Seven also relates the history and difficulties behind the initial choice of candidates The lives motivations military careers and achievements of the unsuccessful twenty-five finalists are explored first in fully authorized biographies Test pilots for the U.S. Navy Air Force and Marine Corps each man has a fascinating and very different story to tell All thirty-two men had to endure meticulous demeaning and brutal week-long medical examinations at the Lovelace Clinic in New Mexico This was followed by another torturous week at the Wright Aeromedical Laboratory in Ohio where they were subjected to extreme fitness and physiological testing the sole purpose of which was to sort out the Supermen from the near supermen The final part of the book examines the accomplishments and spaceflights of the seven successful candidates bringing their amazing stories right up to date

*The Light of Earth* Al Worden, Francis French, 2021-11 Apollo 15 command module pilot Al Worden was one of the highest profile personalities among the Apollo astronauts renowned for his outspokenness and potent views but also recognized as a warm and well-liked person who devoted much of his life after retiring from NASA to sharing his spaceflight experiences Worden had nearly finished writing this book before his passing in 2020 at the age of eighty-eight Coauthored with spaceflight historian Francis French The Light of Earth is Worden's wide-ranging look at the greatest ever scientific undertaking in which he was privileged to be a leading participant Here Worden gives readers his refreshingly candid opinions on the space program flying to the moon and the people involved in the Apollo and later shuttle programs as well as sharing hard-hitting reflections on the space shuttle program the agonies and extraordinary sights and delights of being a NASA Apollo astronaut and the

space program's triumphs and failures Worden delves into areas of personal grief that reveal the noble and truly human side of the space program's earliest years He does not hold back when discussing the shocking deaths of his fellow astronauts in the three major tragedies that struck the space agency nor does he shy away from sharing his personal feelings about fellow Apollo astronauts including Neil Armstrong and Buzz Aldrin Worden was known as a charismatic speaker and one of the most thoughtful Apollo astronauts His candid entertaining and unique perspective in *The Light of Earth* will captivate and surprise

Faith 7 Colin Burgess, 2016-07-17 This book celebrates the final spaceflight in the Mercury series flown by NASA astronaut Gordon Cooper who led an adventurous life in the cockpit of airplanes and spacecraft alike and on his Mercury mission he became the last American ever to rocket into space alone He flew in the Mercury and Gemini programs and served as head of flight crew operations in both the Apollo and Skylab programs Based on extensive research and first person interviews this is a complete history of the Faith 7 flight and its astronaut Cooper later gained notoriety following the release of the movie *The Right Stuff* in which he was depicted by Dennis Quaid but Burgess discovers there was even more drama to his story It completes the *Pioneers in Early Spaceflight* subseries in fitting fashion *Soviets in Space* Colin

Burgess, 2022-08-08 A beautifully illustrated history of the Soviet Union's leading role in the space race In this deeply researched chronology Colin Burgess describes the then Soviet Union's extraordinary success in the pioneering years of space exploration Within a decade the Soviets not only launched the world's first satellite Sputnik in 1957 but they also were the first to send an animal and a human being into Earth orbit In the years that followed their groundbreaking missions sent a woman into space launched a three man spacecraft and included the first person to walk in space Six decades on from the historic spaceflight of cosmonaut Yuri Gagarin Burgess guides us through the amazing achievements of Russia's spaceflight program through to the present day introducing the men and women who have flown the missions that drive us to delve ever deeper into the wonders and complexities of the cosmos **Into the Void** John Youskauskas, Melvin Croft, 2025-05 The

world had been fascinated with astronauts and spaceflight since well before the first crewed launches in 1961 when Yuri Gagarin Alan Shepard and John Glenn became household names But when Alexei Leonov of the Soviet Union exited his spacecraft in March of 1965 a new era in spaceflight began And when Ed White clad in his gleaming space suit with a large American flag on his left shoulder eased himself outside his Gemini spacecraft later that year Americans too had a new space hero They also learned a new acronym EVA short for extravehicular activity more commonly known as spacewalking Though few understood the tremendous risks White was taking in his twenty two minute space walk Americans watched with immense pride and patriotism as White tethered to Gemini 4 propelled himself around the spacecraft with a pressurized oxygen fueled zip gun But White's struggle to fit his space suited body back inside the claustrophobic Gemini spacecraft and close the hatch confirmed what NASA should have known spacewalking wasn't easy More than fifty years and hundreds of space walks later the art of EVA has evolved The first space walks preparation for walking on the moon intended to prove

that humans could function in raw space inside their own miniature spacecraft a space suit After the end of the lunar program both the Americans and Soviets turned their focus to long duration flights on space stations in low Earth orbit and space walks were crucial to the success of these missions The construction of the International Space Station the most sophisticated spacecraft to date required hundreds of hours of work by spacewalkers from many countries In *Into the Void* John Youskauskas and Melvin Croft tell the unique story of those who have ventured outside the spacecraft into the unforgiving vacuum of space as we set our sights on the moon Mars and beyond **Son of Apollo** Christopher A. Roosa,2022-11 A son s story about growing up with a father who was an astronaut and flew on the Apollo 14 mission

**Bold They Rise** David Hitt,Heather R. Smith,2021-11 Bold They Rise recounts the golden age of the Space Shuttle from its first to its twenty fifth launch ending with the tragic flight of the Space Shuttle Challenger *Star Bound* Emily Carney,Bruce McCandless,2025 Star Bound is a satellite s eye view of the history of American space exploration for readers interested in the drama dreams and daring that produced the nation s first ventures into the cosmos *Into That Silent Sea* Francis French,Colin Burgess,2009-09-01 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



Discover tales of courage and bravery in Crafted by is empowering ebook, **Fallen Astronauts Heroes Who Died Reaching For The Moon** . In a downloadable PDF format ( PDF Size: \*), this collection inspires and motivates. Download now to witness the indomitable spirit of those who dared to be brave.

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