

# GUS GRISSOM

The Tragedy of Apollo 1 Robert Greenberger

# **Gus Grissom The Tragedy Of Apollo 1 The Library Of Astronaut Biographies**

**Robert Greenberger** 

#### **Gus Grissom The Tragedy Of Apollo 1 The Library Of Astronaut Biographies:**

**Gus Grissom** Robert Greenberger, 2003-12-15 Profiles the Air Force test pilot who became one of the first astronauts and describes his participation in the Mercury Gemini and Apollo space programs as well as his death in a tragic fire during a **Apollo 1** Ryan S. Walters, 2021-05-25 On January 27 1967 astronauts Gus pre flight test on the Apollo 1 spacecraft Grissom Ed White and Roger Chaffee climbed into a new spacecraft perched atop a large Saturn rocket at Kennedy Space Center in Florida for a routine dress rehearsal of their upcoming launch into orbit then less than a month away All three astronauts were experienced pilots and had dreams of one day walking on the moon But little did they know nor did anyone else that once they entered the spacecraft that cold winter day they would never leave it alive The Apollo program would be perilously close to failure before it ever got off the ground But rather than dooming the space program this tragedy caused the spacecraft to be completely overhauled creating a stellar flying machine to achieve the program s primary goal putting man on the moon Apollo 1 is a candid portrayal of the astronauts the disaster that killed them and its aftermath In it readers will learn How the Apollo 1 spacecraft was doomed from the start with miles of uninsulated wiring and tons of flammable materials in a pure oxygen atmosphere along with a hatch that wouldn't open How due to political pressure the government contract to build the Apollo 1 craft went to a bidder with an inferior plan How public opinion polls were beginning to turn against the space program before the tragedy and got much worse after Apollo 1 is about America fulfilling its destiny of man setting foot on the moon It s also about the three American heroes who lost their lives in the tragedy but whose lives were School Library Journal, 2004 **Gus Grissom** Carmen Bredeson, 1998 This book details the highlights not lost in vain of astronaut Gus Grissom's career and spaceflights Grissom made history as the second American to travel into space After two successful flights Grissom and two fellow astronauts died in a simulated launch of Apollo 1 Up until the Challenger explosion this was NASA s worst disaster American Book Publishing Record, 2004 Cassette Books Library of Congress. National Library Service for the Blind and Physically Handicapped, 2006 Sally Ride Barbara Kramer, 1998 Sally Ride was the first woman sent into space from the United States The book tells the story of Sally Ride from her youth through her astronaut training As a mission specialist she conducted research on pharmaceuticals and the use of the new shuttle s robot arm The book also discusses her career as a teacher and researcher after retiring from NASA Gus Grissom Ray E. Boomhower, 2004 Selected as one of NASA's original Seven Mercury Astronauts Gus Grissom would go on to become the first man to fly in space twice and later give his life to the NASA space program This book unearths the story of Indiana's first astronaut by offering a more complete picture of Grissom's life and character and the events that led up to his death In the most comprehensive biography on the subject yet Gus Grissom The Lost Astronaut offers a more personal side and fuller picture of Grissom's life and character Hours were spent interviewing Grissom's family and friends who were all more than eager to talk about the astronaut sharing in the belief that this story is one worth telling to a new generation that knows little

about his illustrious career Apollo 1 Ryan S. Walters, 2021-05-25 Everyone knew that the space race was a new front in the Cold War between the United States and the Soviet Union And in the eyes of both competitors it was perhaps the most important competition The legitimacy of each regime was at stake as the Cold War was as much about which system could produce superior technology as it concerned political and economic principles To prevail the United States would need a fresh perspective that would push American technology forward And that would take a new president young energetic and with a vision along with eager military test pilots courageous enough to climb on top of what was essentially a bomb to be launched into space Together the president and those pilots would put the United States on course to make it to the moon Calculated Risk George Leopold, 2016 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 **the Universe: Gus Grissom**, As part of Windows of the Universe the University Corporation for Atmospheric Research UCAR offers a brief biographical sketch about the American astronaut Virgil Ivan Grissom 1926 1967 who was called Gus Grissom This biography is intended for middle school students Grissom became an astronaut in 1959 and was one of the original seven Mercury astronauts He was the second American to make a suborbital flight into space Grissom was killed in the Apollo 1 fire in 1967 **Apollo 1 Tragedy** Paul Brubaker, 2003-01-16 An account of the Apollo 1 fire that claimed the lives of three astronauts in 1967 Starfall Betty Grissom, Henry Still, 1974 The widow of astronaut Virgil Gus Grissom tells the tragic and heroic story of her husband and family caught up in America's race for the moon The Apollo 1 Disaster Charles River Charles River Editors, 2017-01-26 Includes pictures Explains the design of the Apollo program and investigations into what went wrong Includes online resources and a bibliography for further reading Includes a table of contents There s always a possibility that you can have a catastrophic failure of course this can happen on any flight it can happen on the last one as well as the first one So you just plan as best you can to take care of all these eventualities and you get a well trained crew and you go fly Gus Grissom December 1966 The Apollo space program is the most famous and celebrated in American history but the first successful landing of men on the Moon during Apollo 11 had complicated roots dating back over a decade and it also involved one of NASA's most infamous tragedies Landing on the Moon presented an

ideal goal all on its own but the government s urgency in designing the Apollo program was actually brought about by the Soviet Union which spent much of the 1950s leaving the United States in its dust and rocket fuel In 1957 at a time when people were concerned about communism and nuclear war many Americans were dismayed by news that the Soviet Union was successfully launching satellites into orbit Among those concerned was President Dwight D Eisenhower whose space program was clearly lagging a few years behind the Soviets space program From 1959 1963 the United States worked toward putting satellites and humans into orbit via the Mercury program but Eisenhower's administration was already designing plans for the Apollo program by 1960 a year before the first Russian orbited the Earth and two years before John Glenn became the first American to orbit the Earth On May 25 1961 President John F Kennedy addressed Congress and asked the nation to commit itself to achieving the goal before this decade is out of landing a man on the Moon and returning him safely to the Earth Given America's inability to even put a man in orbit yet this seemed like an overly ambitious goal and it isn t even clear that Kennedy himself believed it possible after all he was reluctant to meet NASA Administrator James E Webb s initial funding requests As Apollo 11 s name suggests there were actually a number of Apollo missions that came before many of which included testing the rockets and different orbital and lunar modules in orbit In fact it wasn t until Apollo 8 that a manned vehicle was sent towards the Moon and back and before that mission the most famous Apollo mission was Apollo 1 albeit for all the wrong reasons There were no delusions regarding the dangers of manned space travel but they were brought home on January 27 1967 when all three astronauts were killed by a fire that ignited in the cabin during a launch rehearsal To this day there is still debate over what ignited the fire but the disaster made clear that the modules being used by NASA had a series of fatal flaws After the Apollo 1 tragedy NASA changed its plans by first running a series of unmanned missions to test the Saturn rockets and the different modules throughout 1967 and early 1968 and it would not be until Apollo 7 launched about 20 months after the disaster that NASA dared to conduct another manned mission The Apollo 1 Disaster The History and Legacy of the Controversial Fire analyzes the conception of the Apollo program and the events that brought about the fateful disaster Along with pictures of important people places and events you will learn about Apollo 1 Apollo and America's Moon Landing Program World Spaceflight News, National like never before in no time at all Aeronautics and Space Administration (NASA),2017-10-31 Incorporating a complete reproduction of the final review board report this authoritative compilation of official NASA documents provides unique insights into NASA's first major tragedy the Apollo 1 launch pad fire Contents include detailed biographies of the Apollo 1 crew overview histories of the Apollo 1 tragedy and recovery the complete final report of the Apollo 204 review board and excerpts from the technical appendices covering the review board minutes a detailed narrative description of the sequence of events in the accident witness statements and releases and the report of the medical analysis panel On January 27 1967 tragedy struck the Apollo program when a flash fire occurred in command module 012 during a launch pad test of the Apollo Saturn space vehicle being prepared for the first

piloted flight the AS 204 mission Three astronauts Lt Col Virgil I Grissom a veteran of Mercury and Gemini missions Lt Col Edward H White the astronaut who had performed the first United States extravehicular activity during the Gemini program and Roger B Chaffee an astronaut preparing for his first space flight died in this tragic accident A seven member board under the direction of the NASA Langley Research Center Director Dr Floyd L Thompson conducted a comprehensive investigation to pinpoint the cause of the fire The final report completed in April 1967 was subsequently submitted to the NASA Administrator The report presented the results of the investigation and made specific recommendations that led to major design and engineering modifications and revisions to test planning test discipline manufacturing processes and procedures and quality control With these changes the overall safety of the command and service module and the lunar module was increased substantially The AS 204 mission was redesignated Apollo I in honor of the crew The fire which claimed the lives of Gus Grissom Ed White and Roger Chaffee stunned the nation and rocked the National Aeronautics and Space Administration The disaster had the potential to bring a permanent halt to American efforts in space exploration Rather than bury its head in the sand NASA launched a full scale investigation of the fire and voluntarily put the entire Apollo program including its administration policies and procedures under the scrutiny of a review board Based on the board's findings NASA rolled up its sleeves and went to work to resolve the problems that had been identified A successful failure is a mission which fails to reach its objectives and yet still achieves an element of success Apollo I never left the launch pad However the information gained from this fatal mission paved the way for a totally redesigned Apollo spacecraft eleven Apollo space flights and six lunar landings Although Grissom White and Chaffee never walked on the moon their sacrifice helped to make it possible for us collectively to take one giant leap for mankind It is crucial to remember the hard lessons learned from Apollo I and eulogies are part of that remembering Yet Grissom White and Chaffee may be honored best by continuing the work they began Each of them believed that reaching the moon was not meant to be an end but a beginning Thirty years ago Grissom considered manned missions to Mars and crews assembling living and working on space stations as realistic follow ups to a lunar landing While he recognized the place of ever improving technology White was emphatic about the need for manned missions You ll never satisfy man's curiosity unless a man goes himself Fallen Astronauts Colin Burgess, Kate Doolan, Bert Vis, 2016-05-01 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 Michael Collins, 1998 NASA astronaut Michael Collins was the first man to walk in space and also piloted the first manned craft to land on the moon Growing Up With Spaceflight Wes Oleszewski, 2019-06-18 The true story of what it was like for an average kid to literally grow up with the American space program The book is the first release in a six volume series and follows the author from age nine and the tragic Apollo 1 fire that killed three NASA astronauts to age 12 and the drama of Apollo 13 s near disaster All American Boys, An Insider's Look at the U.S. Space Program (New Ed.) Walter Cunningham, 2010-02-03 The most realistic look yet at astronaut life Chicago Sun Times The best of all the astronaut books Los Angeles Times The All American Boys is a no holds barred candid memoir by a former Marine jet jockey and physicist who became NASA's second civilian astronaut Walter Cunningham presents the astronauts in all their glory in this dramatically revised and updated edition that was considered an instant classic in its first edition over two decades ago From its insider s view of the pervasive astropolitics that guided the functioning of the astronaut corps to its thoughtful discussion of the Columbia tragedy The All American Boys resonates with Cunningham's passion for humanity s destiny in space which endures today This is a story of the triumph of American heroes Cunningham brings us into NASA s training program and reveals what it takes to be an astronaut He poignantly relates the story of the devastating Apollo 1 fire that took the lives of three astronauts and his own later successful flight on Apollo 7 This new edition includes an update of the manned space program and his tell it like it is observation of NASA's successes and failures It also includes commentary on the Shuttle disasters of Challenger and Columbia and his views on what NASA should be doing to get back on track and to regain public Apollo David West Reynolds, 2002 See support

Unveiling the Magic of Words: A Overview of "Gus Grissom The Tragedy Of Apollo 1 The Library Of Astronaut Biographies"

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