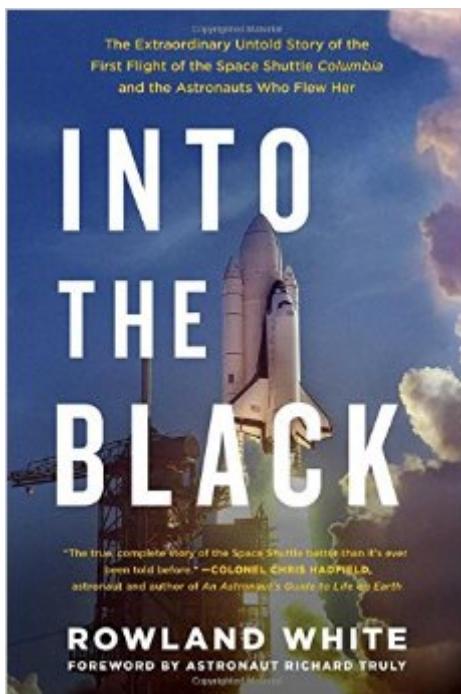


The book was found

Into The Black: The Extraordinary Untold Story Of The First Flight Of The Space Shuttle Columbia And The Astronauts Who Flew Her



Synopsis

The real-life techno-thriller from a bestselling author and aviation expert that recaptures the historic moments leading up to the launch of the space shuttle Columbia and the exciting story of her daring maiden flight. Using interviews, NASA oral histories, and recently declassified material, Into the Black pieces together the dramatic untold story of the Columbia mission and the brave people who dedicated themselves to help the United States succeed in the age of space exploration. On April 12, 1981, NASA's Space Shuttle Columbia blasted off from Cape Canaveral. It was the most advanced, state-of-the-art flying machine ever built, challenging the minds and imagination of America's top engineers and pilots. Columbia was the world's first real spaceship: a winged rocket plane, the size of an airliner, and capable of flying to space and back before preparing to fly again. On board were moonwalker John Young and test pilot Bob Crippen. Less than an hour after Young and Crippen's spectacular departure from the Cape, all was not well. Tiles designed to protect the ship from the blowtorch burn of re-entry were missing from the heat shield. If the damage to Columbia was too great, the astronauts wouldn't be able to return safely to earth. NASA turned to the National Reconnaissance Office, a spy agency hidden deep inside the Pentagon whose very existence was classified. To help the ship, the NRO would attempt something never done before. Success would require skill, perfect timing, and luck. Set against the backdrop of the Cold War, Into the Black is a thrilling race against time and the incredible true story of the first space shuttle mission that celebrates our passion for spaceflight.

Book Information

Hardcover: 464 pages

Publisher: Touchstone (April 19, 2016)

Language: English

ISBN-10: 1501123629

ISBN-13: 978-1501123627

Product Dimensions: 6 x 1.5 x 9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 starsÂ See all reviewsÂ (46 customer reviews)

Best Sellers Rank: #73,426 in Books (See Top 100 in Books) #39 in Books > Engineering & Transportation > Engineering > Aerospace > Astronautics & Space Flight #80 in Books > Science & Math > Astronomy & Space Science > Aeronautics & Astronautics #92 in Books > Engineering & Transportation > Engineering > Reference > History

Customer Reviews

I've been enthralled with space since learning about the planets in second grade, so I was eager to read the new book *Into the Black: The Extraordinary Untold Story of the First Flight of the Space Shuttle Columbia and the Men Who Flew Her* by Rowland White. Based on interviews, NASA oral histories, and recently declassified material, *Into the Black* charts the saga of the Columbia's first mission and the people who dedicated themselves to help the United States succeed in the age of space exploration. Among the things I found particularly interesting: The Air Force began planning its own Manned Orbiting Laboratory in 1963. Many military test pilots opted for the MOL, believing they'd have a better chance to fly with the Air Force than NASA. When the MOL program was cancelled in 1969, the MOL astronauts were restricted in where and what they could do next because of the classified intel they'd learned. Serving in Vietnam was out of the question, should they be shot down. Someone suggested calling NASA, but they didn't need more astronauts. They already had a lot. And if they did join NASA, no flights would be available for a decade, at least. NASA required Air Force support to get the shuttle. The Air Force was happy using reliable, relatively affordable, expendable Titan rockets launched at Vandenberg Air Force Base in California. They didn't need a shuttle to carry their payloads into orbit. Both the Air Force and the CIA offered no more than reluctant commitment to the shuttle. Their satellites weren't compatible with the shuttle. Since 1959, an Air Force test group in Hawaii had been retrieving film recovery capsules ejected from orbiting US reconnaissance satellites as they descended by parachute to the Pacific.

[Download to continue reading...](#)

Into the Black: The Extraordinary Untold Story of the First Flight of the Space Shuttle Columbia and the Astronauts Who Flew Her *Akiane: Her Life, Her Art, Her Poetry: Her Life, Her Art, Her Poetry* *The Student Pilot's Flight Manual: From First Flight to Private Certificate (The Flight Manuals Series)* *What's It Like in Space?: Stories from Astronauts Who've Been There Buried in the Sky: The Extraordinary Story of the Sherpa Climbers on K2's Deadliest Day: The Extraordinary Story of the Sherpa Climbers on K2's Deadliest Day* *January First: A Child's Descent into Madness and Her Father's Struggle to Save Her* *Chief Joseph & the Flight of the Nez Perce: The Untold Story of an American Tragedy* *Miracle on the Hudson: The Extraordinary Real-Life Story Behind Flight 1549, by the Survivors* *Countrymen: The Untold Story of How Denmark's Jews Escaped the Nazis, of the Courage of Their Fellow Danes--and of the Extraordinary Role of the SS* *Akiane: Her Life, Her Art, Her Poetry Under The Maple Leaf: The Remarkable Story of Four Canadian Volunteers who Flew*

with Bomber Command During the Second World War Geologic History of the Columbia River Gorge, As Interpreted from the Historic Columbia River Scenic Highway (Jack Murdock Publication Series on the) Black & Decker The Complete Guide to Northwest Coast Gardening: Techniques for Growing Landscape & Garden Plants in northern California, western ... Columbia (Black & Decker Complete Guide) Creating Sacred Space With Feng Shui: Learn the Art of Space Clearing and Bring New Energy into Your Life Certified Flight Instructor Test Prep 2012: For the Ground, Flight, Military Competency and Sport Instructor: Airplane, Helicopter, Glider, ... FAA Knowledge Exams (Test Prep series) Road to Mach 10: Lessons Learned from the X-43a Flight Research Program (Library of Flight Series) Flight Lessons 2: Advanced Flight: How Eddie Learned the Best Way to Learn They Called Her Reckless -- A True Story of War, Love And One Extraordinary Horse Black Hawk: The Story of a World Class Helicopter (Library of Flight) Black & Decker The Complete Guide to Garden Walls & Fences: *Improve Backyard Environments *Enhance Privacy & Enjoyment *Define Space & Borders (Black & Decker Complete Guide)

[Dmca](#)