THE FINAL FLIGHT of

SHUTTLE COLUMBIA



Michael Cabbage and William Harwood

Michael Cabbage

Comm Check...: The Final Flight of Shuttle Columbia



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On February 1, 2003, the unthinkable happened. Unlike the Challenger disaster 17 years previously, Columbia's destruction remaining the country one failure away from the potential abandonment of human space exploration. The space shuttle Columbia disintegrated 37 kilometers above Texas, seven brave astronauts had been killed and America's space program, always an eyeblink from disaster, suffered its second catastrophic in-flight failure. Media insurance in the immediate aftermath centered on the possible reason behind the disaster, and on the country's grief. Michael Cabbage and William Harwood, two of America's esteemed space journalists, are veterans of all but a handful of NASA's 113 shuttle missions. Comm Check brings that story to life with the human being drama behind the tragedy. It's the story of an area plan pushed to the brink of failure by relentless political pressure, shrinking budgets and flawed decision producing. The independent investigation into the disaster uncovered why Columbia broke aside in the sky above Texas. Predicated on dozens of exclusive interviews, never-beforepublished documents and recordings of major meetings obtained simply by the authors, Comm Verify takes the reader in the conference suites and offices where NASA's best and brightest managed the nation's multi-billion-dollar shuttle program -- and where they failed to recognize the signs of an impending disaster. However the full human story, and the shocking details of NASA's crucial mistakes, have never been told -- until now. Tapping a network of resources and bringing a mixed three decades of knowledge to bear, the authors provide a rare glimpse into NASA's internal circles, chronicling the agency's most devastating failure and the challenges that face NASA as it struggles to come back America to space.



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THE COLUMBIA SPACE SHUTTLE DISASTER-- Human being ERROR AND FATAL NEGLECT Comm Check: The Final Air travel of Shuttle Columbia is a masterful, must-have reserve explaining the re-access disaster of shuttle Columbia on February 1, 2003. To those who viewed the drama unfold, it had been a nightmare which some believe could have been avoided. The book doesn't point blame but often infers blame on a few key managers in Nasa's space program and rightly so. Co-authors Harwood and Cabbage move deeply in the NASA bureaucracy, to the precise people who made life-and-loss of life decisions, based on their beliefs and presumptions at that time. NASA's ambitious program of launching shuttle after shuttle as if on an assembly line created high political objectives and withering demands for success, at almost any price. Shuttles grounded in 2011 !Recalling your choice of NASA program supervisor Linda Ham to cancel a demand to take photos of suspected damage to the shuttle's wing, a single witness to the discussion said Ham wished to cancel simply mainly because there was nothing mission control could perform, even if the shuttle were seriously broken. A book filled up with a whole spectrum of emotions due to clashes of arrogant, egotistical, power starving fools in Objective Control who's decisions doomed Columbia... The author manages to keep carefully the human details interesting without getting macabre."In plainest conditions, Ham rationalized the yawning chance for harm to the shuttle while an abstract and entirely peripheral concern, as the cost of coping with it as a crisis was simply unacceptable. Rather than make certain all of the facts had been known for the security of the astronauts, Ham merely overlooked the looming disaster, shutting down all further checks of reality and condition, gambling that would be well. Excellent As an aerospace professional, this book is an excellent read. Certainly some has changed since this publication and a fresh final chapter might be of some significance because it was apparent the lessons learned in the Challenger disaster were therefore quickly forgotten and resulted in the demise of Columbia. Their co-authored reserve is among the best on the Columbia disaster. A good go through for those not really familiar with the reality. When I turn to a brief history of space air travel book, I turn to see what it includes to expand or extrapolate data that is new. Excellent and unfortunate. The shuttle program and background is very interesting to learn about and this is an ideal addition to anyone's collection. I would have liked to discover more information on what has occurred that has changed the situation at NASA. Expenses Harwood is a veteran CBS reporter on NASA and additional space ventures, and Michael Cabbage is space editor for the Orlando Sentinel. Compiled by Michael Cabbage and William Harwood, two journalists that protected the area Shuttle program, the reserve provides a complete timeline of the occasions that led to the loss of Columbia and the STS-107 crew. Complex details overlay a compelling story I really believe that anyone thinking about safety and industrial tradition should read this book. I came away from this reading with a new appreciation for the issues of space exploration as well as the realization that ventures of the magnitude involve risk, you know, even if there was damage, there is usually nothing we can do about it. Most of all, it becomes apparent that a tragedy of the magnitude can not and should not be simplified to point fingers at an individual individual or group. Though it gets bogged down sometimes in technical details, the reason of what occurred to Columbia and why it happened is thorough and fascinating. A remarkable and thoughtful read. One of four excellent books that I would recommend reading regarding the tragic loss of Columbia and it's really irreplaceable crew... Among four excellent books that I recommend reading regarding the tragic reduction. ".AMC Very informative Anyone who all follows space should browse this book. It's just a very interesting history of an important event and shows how you can lose sight of the trees for the forest. Excellent read, would recommend to any space enthusiast Comm Check.. Good book in the Columbia accident, makes

me wonder wye they built a lot more than the primary, which was Columbia, should not have launched in soaking wet conditions and freezing temps .: THE ULTIMATE Air travel of Shuttle Columbia is an excellent read packed with details that would keep anyone from a casual reader to a historian intrigued. I would suggest this book for those who want for more information about the event and a good starting place to dig deeper in case you are researching the event. I would recommend this book to anyone searching for a read about space or the Shuttle. Obviously, Ham also knew that if photos showed damage, she'd be forced into scrubbing Columbia's mission, in order to stage an emergency recovery. It really is well-written, well-researched, and an excellent insight in to the causation, the actual accident, and the aftermath of the Columbia incident. This is detailed and condensed to meet up my mechanical brain. I also appreciated the excellent background on each of the people involved. Excellent Read Being a space nut, and getting very impacted by the Columbia disaster, this book was exactly what I wanted. The writing style is even and segues between topics and folks almost seamlessly. It addresses the human side as well as the technical nature of the problems that came together to create the incident that caused the loss of the shuttle and her crew. By far the most psychological item for me was reading the detailed break down of what happened in the last a quarter-hour of the objective. Hearing the way the shuttle struggled as hard as it could to provide its crew house, and was simply just get over by the stresses due to the weakened remaining wing. I have browse the entire CAIB record before which publication breaks down the ultimate a few minutes of Columbia in a more very clear and to the point sort of way. If that makes Columbia an acutely painful reminder that not merely experts, but whole companies and their management can be dead wrong, maybe even NASA can salvage enough to avoid such tragedy later on. It is good in case you are not familiar with the facts, but there is little new or previously unreported. Wow. It's technical plenty of to paint a precise picture but not so technical as to bore a lay person. I love stories that record mechanical facts in detail for nerds using what happened here as their top priority. I really enjoyed it. Excellent and sad Reading now. This can be just another compilation of previously published data. Details the Seek out the Shuttle Parts - not the Cause Good Book but information the seek out the Shuttle Parts, not the reason why. The authors find a NASA culture a bit too driven for its own good, one where administrators were sorely tempted to cross lines and risk the safety of even our astronauts.. Frosty Five Stars Excellently written. A very moving book.



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