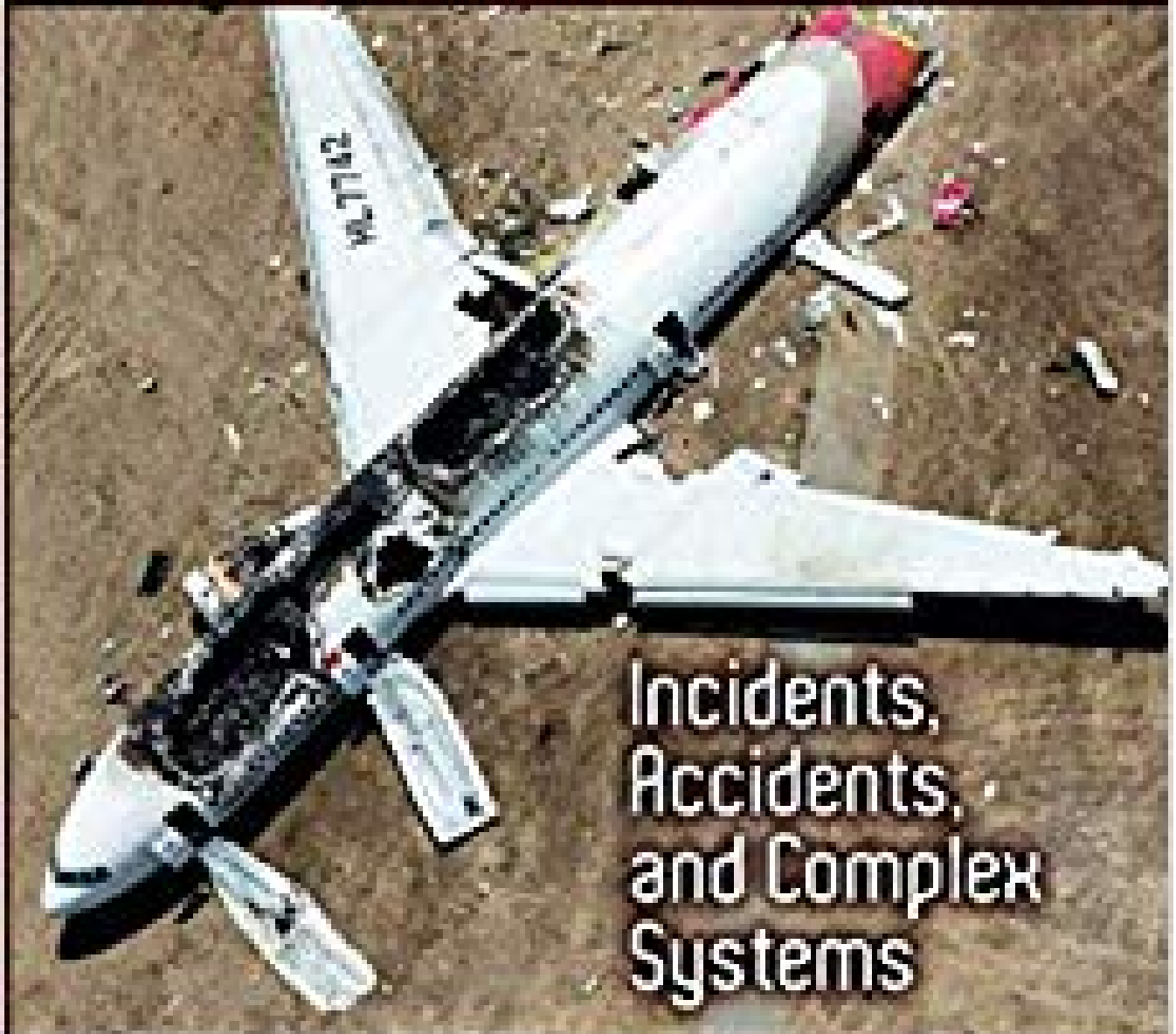


SECOND EDITION

INVESTIGATING HUMAN ERROR



Incidents,
Accidents,
and Complex
Systems

Barry Strauch



CRC Press
Taylor & Francis Group

Barry Strauch

Investigating Human Error



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In this book the writer applies contemporary mistake theory to the needs of investigators and of anyone attempting to understand why someone made a crucial error, how that error resulted in an incident or accident, and preventing such errors in the future. It presents a style of human mistake causation influenced largely by James Reason and Neville Moray, and relates it to mistake investigations with step-by-step suggestions for data collection and evaluation that investigators can easily apply as needed. And also the second edition considers the consequences of the decrease in the amount of major accidents on investigation quality, the consequences of social changes on transportation safety (such as for example drinking and driving, cell phone use, etc), the contemporary function of incident investigation, and the effects of the prosecution of those involved in accidents. Students and investigators of individual mistake will gain an appreciation of the literature on mistake, with several references to both scientific study and investigative reviews in a wide selection of applications, from airplane mishaps, to bus incidents, to bonfire disasters. This second edition of Investigating Human Error has been brought up to day throughout, with pertinent latest accidents and safety literature integrated. It features new material on exhaustion, distraction (eg cellular phone and texting) and medication use. It also today explores the topics of corporate tradition, safety culture and basic safety management systems. Predicated on the author's considerable experience as a major accident investigator and instructor of both aircraft incident investigation techniques and individual factors psychology, it testimonials recent human elements literature, summarizes major transport accidents, and shows how exactly to investigate the types of errors that typically happen in risky industries.



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Five Stars Was ok Five Stars Super TY Five Stars Great text message book for tour Human Factors library. investigators must today determine why it occurred and what can be done to avoid a recurrence. A lot of fun to read! Superb Dr. This book is a traditional in the vein of "Normal Incidents," Charles Perrow's masterpiece. Barry Strauch has masterfully filled that gap. Just as our transportation system, like the majority of complex systems, has grown ever more sophisticated, so have the means of investigating when those systems suffer failures. For a long time, a pronouncement of "human error" signaled the end of a major accident investigation; Your program is great. Sincerely, David Xu Shekou, Guangdong, P. Really interesting This book contains several summaries related to aircraft accidents and the investigations involved. Yet remarkably, there has been little in working out canon to prepare the accident investigator for this central function. With the systematic, insightful approach provided by Strauch, complex systems are no more impenetrable to the investigator; An outstanding guidebook, one that has long been needed. "Investigating Human Mistake: Incidents, Accidents, and Complicated Systems" is that rarity in the literature of any self-discipline: a text that's thorough, well-organized in addition to a pleasure to learn. Strauch is clearly at home in both academic world and the gritty, high-stress environment that surrounds the investigator in the field. Each page of his book is educated by his years of knowledge as an investigator, an educator and a human factors psychologist. That is, as yet, because Dr. human mistake ceases to become a conundrum. Furthermore, Strauch's market extends well beyond the ranks of investigators only. His book will be profoundly appreciated by the individuals who function in airlines and various other complex systems, by those that manage them and by those that analyze and regulate them. Five stars. JUST A LITTLE Light Reading This book was fine for what it was used for, an aviation class on safety. Barry Strauch's book is a superbly created and researched account by an investigating professional. He weaves an educational tale that maintains an anecdotal and entertaining tone throughout. Dr. Strauch is, quite simply, a literary wizard. His publication is truly something special to the aviation world. His first-hand account of several infamous accidents combined with his expertise and step by step techniques get this to an educational yet interesting go through. This reader extremely recommends this reserve to anyone in the field of aviation or any person with an intention in the field. Good book on topic Good book on looking into the human being part of accident investigation, as almost all accidents can be traced back again to some degree of human error. Actually, Strauch's work will be a compelling read if you are fascinated and perplexed by humans failing to perform because they should in critical missions. Great book Utilized this extensively with my training course and it helped myself to understand and task the theories of human factors and how specific situations can come about due to outside interferences.

trust I received the book: "Investigating Human Error: Incidents, Accidents, and Complex Systems" yesterday. now it frequently marks the beginning. I trust you. It really is no longer sufficient to conclude an error occurred;R.China



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