2014 Boeing 777 Study Guide Rick Townsend

Advances in manufacturing and industrial engineering in terms of advanced and latest technologies are required nowadays to attend the accelerated demands of high quality, productivity, and sustainability simultaneously. This book fulfils the requirement by offering unique comprehensive chapters on advances in manufacturing and industrial engineering technologies with an emphasis on Industry 4.0. This book sheds light on advances in the field of manufacturing and industrial engineering for enhancement in productivity, quality, and sustainability. It comprehensively covers the recent developments, latest trends, research, and innovations being carried out. 3D printing, green manufacturing, computer integrated manufacturing, cloud manufacturing, intelligent condition monitoring, advanced forming, automation, supply chain optimization, and advanced manufacturing of composites are covered in this book. Industry 4.0 based technologies for mechanical and industrial engineering are also presented with both a theoretical and a practical focus. This book is written for students, researchers, professors, and engineers working in the fields of manufacturing, industrial, materials science, and mechanical engineering.
Samson/Daft/Donnet's Management is a robust foundation text providing a balance of broad, theoretical content with an engaging, easy-to-understand writing style. It covers the four key management functions - planning, organising, leading and controlling - conveying to students the elements of a manager's working day. Along with current management theory and practice, the authors integrate coverage of innovation, entrepreneurship, agile workplaces, social media and new technology throughout. This sixth edition features a new author on the team and contains updates to content based on recent research. Real-life local and international examples showcase the ongoing changes in the management world. Focusing on a 'skills approach', they bring concepts to life for students, supporting motivation, confidence and mastery. Each part concludes with a contemporary continuing case study, focusing on car company Toyota as it faces managerial challenges and opportunities in the region.
The June 2016 issue, Number 8, features these contents: • Article, "Systemic Facts: Toward Institutional Awareness in Criminal Courts," by Andrew Manuel Crespo • Book Review, "Fixing Statutory Interpretation," by Brett M. Kavanaugh • Book Review, "Knowledge and Politics in International Law," by Samuel Moyn • Note, "Major Question Objections" • Note, "Chinese Common Law? Guiding Cases and Judicial Reform" • Note, "OSHA’s Feasibility Policy: The Implications of the ‘Infeasibility’ of Respirators" Furthermore, student commentary analyzes Recent Cases on sex-discrimination implications of gender-normed FBI fitness requirements; trademark law and the antidisparagement rule as a constitutional problem; practical elimination of the adverse-interest exception as a defense to fraud-on-the-market claims; deference to administrative agency’s amicus brief’s interpretation of student-loan regulations; parties' analysis of fair use before issuing copyright-violation takedown notice; causation standards for penalty enhancement in Controlled Substances Act cases; and admiralty jurisdiction and removal to federal court after a 2011 amendment to 28 USC § 1441. Finally, the issue includes several brief comments on Recent Publications. The Harvard Law Review is offered in a quality digital edition, featuring active Contents, linked footnotes, active URLs, legible graphics from the original, and proper ebook and Bluebook formatting. The Review is a student-run organization whose primary purpose is to publish a journal of legal scholarship. It comes out monthly from November through June and has roughly 2500 pages per volume. Student editors make all editorial and organizational decisions. This is the eighth and final issue of academic year 2015-2016.
This book constitutes revised selected papers from the workshops collocated with the SEFM 2014 conference on Software Engineering and

Formal Methods, held in Grenoble, France, in September 2014. The 26 papers included in this volume were carefully reviewed and selected from 49 submissions. They are from the following workshops: the 1st Workshop on Human-Oriented Formal Methods - From Readability to Automation, HOFM 2014, the 3rd International Symposium on Modelling and Knowledge Management Applications - Systems and Domains, MoKMaSD 2014, the 8th International Workshop on Foundations and Techniques for Open Source Software Certification, Open Cert 2014, the 1st Workshop on Safety and Formal Methods, SaFoMe 2014 and the 4th Workshop on Formal Methods in the Development of Software, WS-FMDS 2014.

This book discusses physical and mathematical models, numerical methods, computational algorithms and software complexes, which allow high-precision mathematical modeling in fluid, gas, and plasma mechanics; general mechanics; deformable solid mechanics; and strength, destruction and safety of structures. These proceedings focus on smart technologies and software systems that provide effective solutions to real-world problems in applied mechanics at various multi-scale levels. Highlighting the training of specialists for the aviation and space industry, it is a valuable resource for experts in the field of applied mathematics and mechanics, mathematical modeling and information technologies, as well as developers of smart applied software systems.

4LTR Press solutions give students the option to choose the format that best suits their learning preferences. This option is perfect for those students who focus on the textbook as their main course resource. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Surveys the achievements of adventurous scientists, athletes and explorers to reveal how new understandings about deep-sea life, from telepathic coral to shark navigation, are expanding what is known about the natural world and the human mind. 40,000 first printing.

A new approach to learning the principles of management, MGMT 3 is the third Asia–Pacific edition of a proven, innovative solution to enhance the learning experience. Concise yet complete coverage supported by a suite of online learning aids equips students with the tools required to successfully undertake an introductory management course. Paving a new way to both teach and learn, MGMT 3 is designed to truly connect with today's busy, tech-savvy student. Students have access to online interactive quizzing, videos, podcasts, flashcards, case studies, games and more. An accessible, easy-to-read text along with tear out review cards completes a package which helps students to learn important concepts faster. MGMT 3 delivers a fresh approach to give students what they need and want in a text.

CNN Aviation Correspondent Richard Quest offers a gripping and definitive account of the disappearance of Malaysian Airline Flight MH370 in March 2014. On March 8, 2014, Malaysian Airlines Flight MH370 disappeared with barely a trace, carrying 239 people on board--seemingly vanishing into the dark night. The airplane's whereabouts and fate would quickly become one of the biggest aviation mysteries of our time... Richard Quest, CNN's Aviation Correspondent, was one of the leading journalists covering the story. In a coincidence, Quest had interviewed one of the two pilots a few weeks before the disappearance. It is here that he begins his gripping account of those tense weeks in March, presenting a fascinating chronicle of an international search effort, which despite years of searching and tens of millions of dollars spent has failed to find the plane. Quest dissects what happened in the hours following the plane's disappearance and chronicles the days and weeks of searching, which led to nothing but increasing despair. He takes apart the varying responses from authorities and the discrepancies in reports, the wide range of theories, the startling fact that the plane actually turned around and flew in the opposite direction, and what solutions the aviation industry must now implement to ensure it never happens again. What emerges is a riveting chronicle of a tragedy that continues to baffle everyone from aviation experts to satellite engineers to politicians--and which to this day worries

the traveling public that it could happen again. INCLUDES PHOTOS

In The Crash Detectives, veteran aviation journalist and air safety investigator Christine Negroni takes the reader inside crash investigations from the early days of the jet age to the present, including the search for answers about what happened to the missing Malaysia Airlines Flight 370. As Negroni dissects each accident, she explores the common themes and, most importantly, what has been learned from them to make planes safer. Indeed, as Negroni shows, virtually every aspect of modern pilot training, airline operation and aircraft design has been shaped by lessons learned from disaster. Along the way, she also details some miraculous saves, when quick-thinking pilots averted catastrophe and kept hundreds of people alive. Tying in aviation science, performance psychology and extensive interviews with pilots, engineers, human factors specialists, crash survivors and others involved in accidents all over the world, The Crash Detectives is an alternately terrifying and inspiring book that might just cure your fear of flying, and will definitely make you a more informed passenger.

A vampiric virus infects New York and spreads outward, threatening the city and then the world, as a CDC doctor and a Holocaust survivor fight to save humanity.

This book explores contemporary propaganda and mainstream Western news media, with reference to the Ukraine crisis. It examines Western media narratives of the immediate causes of the crisis, the respective roles of those who participated in or otherwise supported the demonstrations of 2013–2014 – including US-backed NGOs and rightist militia – and the legitimacy, or otherwise, of the destabilization of the democratically elected Yanukovych government. It considers how the crisis was contextualized with reference to broader themes of competition for power over Eurasia and the Washington Consensus. It assesses accounts of the role of Russia and of ethnic Russian Ukrainians in Crimea, Odessa and the Donbass and traces how Western mainstream media went out of their way to demonize Vladimir Putin. The book deconstructs prevailing Western narratives as to the reasons for the shooting down of Malaysian Airways flight MH17 in July 2014, and counters Western media concentration on the issue of culpability for the attack with an alternative narrative of egregious failure to close down civilian air space over war zones. From analysis of these discourses, the book identifies principles of post-2001 Western conflict propaganda as these appeared to play out in Ukraine. This book will be of much interest to students of propaganda, media and communication studies, Russian and Eastern European politics, security studies and IR.

In this book the author applies contemporary error theory to the needs of investigators and of anyone attempting to understand why someone made a critical error, how that error led to an incident or accident, and how to prevent such errors in the future. Students and investigators of human error will gain an appreciation of the literature on error, with numerous references to both scientific research and investigative reports in a wide variety of applications, from airplane accidents, to bus accidents, to bonfire disasters. Based on the author's extensive experience as an accident investigator and instructor of both aircraft accident investigation techniques and human factors psychology, it reviews recent human factors literature, summarizes major transportation accidents, and shows how to investigate the types of errors that typically occur in high risk industries. It presents a model of human error causation influenced largely by James Reason and Neville Moray, and relates it to error investigations with step-by-step guidelines for data collection and analysis that investigators can readily apply as needed. This second edition of Investigating Human Error has been brought up to date throughout, with pertinent recent accidents and safety literature integrated. It features new material on fatigue, distraction (eg mobile phone and texting) and medication use. It also now explores the topics of corporate culture, safety culture and safety management systems. Additionally the second edition considers the effects of the reduction in the number of major accidents on investigation quality, the consequences of social changes on transportation safety (such as drinking and driving, cell

phone use, etc), the contemporary role of accident investigation, and the effects of the prosecution of those involved in accidents.

This book constitutes the proceedings of the 14th International Conference on Engineering Psychology and Cognitive Ergonomics, EPCE 2018, held as part of the 20th International Conference, HCI International 2018, which took place in Las Vegas, Nevada, in July 2018. The total of 1171 papers and 160 posters included in the 30 HCII 2018 proceedings volumes was carefully reviewed and selected from 4346 submissions. EPCE 2018 includes a total of 57 papers; they were organized in topical sections named: mental workload and human error; situation awareness, training and team working; psychophysiological measures and assessment; interaction, cognition and emotion; and cognition in aviation and space.

This book provides a thorough overview of the applications of 3D printing technologies to ubiquitous manufacturing (UM). UM itself represents an application of ubiquitous computing in the manufacturing sector, and this book reveals how it offers convenient, on-demand network access to a shared pool of configurable manufacturing resources, including software tools, equipment, and capabilities. Given its scope, the book will be of considerable interest to researchers in the areas of manufacturing, mechanical engineering, operations management, production control, ubiquitous computing, and sensor technologies, as well as practicing managers and engineers.

This book presents the proceedings of SympoSIMM 2020, the 3rd edition of the Symposium on Intelligent Manufacturing and Mechatronics. Focusing on "Strengthening Innovations Towards Industry 4.0", the book presents studies on the details of Industry 4.0's current trends. Divided into five parts covering various areas of manufacturing engineering and mechatronics stream, namely, artificial intelligence, instrumentation and controls, intelligent manufacturing, modelling and simulation, and robotics, the book will be a valuable resource for readers wishing to embrace the new era of Industry 4.0.

When we board a modern twenty-first century aircraft, we are all confident of, hopefully, a smooth flight, and delivery, to our destination of choice. This was not the case of Malaysia Airlines Flight no. MH-370. It never landed at its destination, nor any other airport. This chronology of the facts of its final flight is written to help soothe the nerves of the international flying public. Because MH-370 vanished mysteriously, its story was written beginning as an unsolved mystery disappearance. Later, when arriving at the conclusion of a tale of a mysteriously missing aircraft, with 239 souls aboard, I realized I had composed a history of the facts and human stories, chronicled within the saga of The Mysterious Final Flight of MH-370. Therefore, the inclusion of the safety of today's human flight is annotated, but also the future of human air flight safety, by describing new safety measures designed to replace outdated twentieth century "black box" invention, with twenty-first century digitized data recording innovative technologies. Cost seems to be the inhibition of installing, then implementing, the now preexisting twenty-first century technologies on all aircraft worldwide, hopefully sooner rather than later. The good news is the United States Air Force has it already implemented and utilized daily today. One day, MH-370 may be located, certainly providing solace and closure for the 239 families missing their loved ones, who comprised the flight manifest of the 239 missing souls aboard MH-370. Plus, both "black boxes" may provide answers to what transpired during "The Mysterious Final Flight of MH-370." Additionally, it is said and felt "Hope springs daily, living eternally."

The one primer you need to launch, lead, and sponsor successful projects. We're now living in the project economy. The number of projects initiated in all sectors has skyrocketed, and project management skills have become essential for every leader and manager. Still, project failure rates remain extremely high. Why? Leaders oversee too many projects and have too little visibility into them. Project managers struggle to translate their hands-on, technical knowledge up to senior management. The result? Worthy projects are starved of time and

resources and fail to deliver benefits, while too much investment goes into the wrong projects. To compete in the project economy, you need to close this gap. The HBR Project Management Handbook shows you how. In this comprehensive guide, project management expert Antonio Nieto-Rodriguez presents a new and simple framework that will increase any project's likelihood of success. Packed with case studies from many industries worldwide, it will teach you how to manage your organization's projects, strategic programs, and agile initiatives more effectively and push the best ones ahead to completion. Timeless yet forward-looking, this book will help you win in the project-driven world. In the HBR Project Management Handbook you'll find: Everything you need to know about project management in practical, nontechnical language A definitive taxonomy of project types, from product launches to digital transformations to megaprojects A road map for becoming an effective project leader and executive sponsor A new, simple, and universal project framework, the Project Canvas, that breaks down any project into essential building blocks that can be easily understood by all project stakeholders Original concepts and exclusive case studies from public- and private-sector organizations worldwide You'll learn: A common language for project managers and executives to run successful projects across your organization When to use agile, traditional, or hybrid methods in your projects The twelve principles of successful projects, including purpose, agility, and a focus on outcomes Techniques for selecting and advancing the best projects and managing a strategic and balanced project portfolio How today's projects will help address some of the most pressing global trends, including automation, sustainability, diversity, and crisis management Why project management needed to be reinvented and what the future holds HBR Handbooks provide ambitious professionals with the frameworks, advice, and tools they need to excel in their careers. With step-by-step guidance, time-honed best practices, and real-life stories, each comprehensive volume helps you to stand out from the pack—whatever your role.

This significantly updated edition looks at each stage in the life cycle of petroleum products, from exploration to end use, examining the environmental pressures on the oil industry and its response. Technical developments are progressing in line with environmental concerns and increasing sophistication of computer modelling techniques. These subjects are interrelated, but have often been dealt with independently. This book explores these topics together in a way that is understandable to the non-expert, and those who are expert in one field, but wish to see their expertise discussed in the overall context. Written primarily for those working in the oil and related industries, this book also provides essential reference material for government and research institutions and all those with an interest in environmental technological issues.

This book addresses an essential gap in the regulatory regime, which provides legislation, statements and guidelines on airlines, airports, air navigation services providers and States in the field of aviation, but is notably lacking when it comes to the rights of the airline passenger, and the average citizen who is threatened by military air strikes. It addresses subjects such as international resolutions on human rights and other human rights conventions related to aviation that impact both air transport consumers and people on the ground who are threatened by air strikes through drone attacks; disabled and obese airline passengers; compensation for delayed carriage and the denial of carriage; noise and air pollution caused by aviation and their effects on human health and wellbeing; prevention of death or injury to passengers and attendant compensatory rights; risk management; relief flights; and racial profiling. These subjects are addressed against the backdrop of real case studies that include but are not limited to instances of drone attacks, and contentious flights in the year 2014 such as MH 370, MH 17 and QZ 8501.

The Technological Marvel. Details the technology behind the first airliner to be digitally preassembled.

This dissertation explores the topic of human-automation teamwork in Air Traffic Control (ATC). ATC is a high stakes environment where complex automation is being introduced while the human operator has the legal responsibility. With increasing demands on productivity in various industries (as also in ATC), automation is introduced for efficiency, maintaining safety, and to keep the workload of the human operator within acceptable limits. However, previous research has shown that automation may cause negative effects on the human operator and performance, such as forcing the operator out of the control loop, which might lead to problems or confusion. Previous research suggests a need for strengthening human-automation collaboration where automation is seen as a team member to keep the operator in the loop. In order to achieve such teamwork, the design of the automation needs to be human-centred, i.e. that the automation is designed for the underlying need of the operator. The aim of this dissertation is to explore teamwork in ATC from several angles to understand how the air traffic controllers are working in current ATC environments and how automation could be designed to support human-automation teamwork. The included studies rely on interviews, simulations, and questionnaires, all with operational air traffic controllers as participants. The results indicate that for both human-human teamwork and human-automation teamwork, teamwork factors such as adaptability and mutual performance monitoring (knowing what the other team members are doing) are important for the work performance in current ATC environments, where mutual performance monitoring is especially important during stressful situations. When designing automation, lessons learned from human-human teamwork should be considered. The work within the scope of this dissertation identifies and concerns two human-automation teamwork aspects: boundary awareness and implicit communication. These are proposed to support the operator’s knowledge about the automation and the communication flow between the operator and the automation. Boundary awareness is the operator’s knowledge of the automation’s abilities, its boundaries (what it can or cannot manage), and about consequences if it would go outside of these boundaries. Implicit communication is the unspoken or implied small cues that the operator and the automation can use to communicate with each other. It is proposed that implicit communication can be based on the work patterns of the operator. The knowledge gained through the work in this dissertation can be used as a foundation for further research and design of automation regarding operator knowledge about the automation boundaries and the communication within the team. Denna avhandling utforskar teamwork mellan människa och automation inom flygtrafikledning. Flygtrafikledning är en högriskmiljö där komplex automation introduceras samtidigt som den mänskliga operatören har det juridiska ansvaret. Med ökade krav på produktivitet inom olika industrier (och även inom flygtrafikledning) så introduceras automation för effektiviteten, för att bibehålla säkerheten och för att hålla arbetsbelastningen för den mänskliga operatören inom acceptabla gränser. Tidigare forskning har däremot visat att automationen kan orsaka

negativa effekter på den mänskliga operatören och på prestationen, som till exempel att tvinga ut operatören utanför kontrolloopen vilket leder till problem och förvirring. Tidigare forskning föreslår ett starkare samarbete mellan människa och automation där automationen är sedd som en teammedlem för att behålla operatören i loopen. För att uppnå ett sådant samarbete behöver automation vara människo-centrerad, att automation med andra ord är designad för operatörens underliggande behov. Syftet med denna avhandling är att utforska teamwork från olika vinklar inom flygtrafikledning för att förstå hur flygledare jobbar i nuvarande flygtrafikledningsmiljöer och för att förstå hur automation skulle kunna designas för att stödja teamwork mellan människa och automation. Studierna som denna avhandling bygger på har använt sig av intervjuer, simuleringar och enkäter, alla med operativa flygtrafikledare som deltagare. Resultatet tyder på att för både människa-människa teamwork och människa-automations teamwork så är teamwork faktorer så som flexibilitet och ömsesidig övervakning av teammedlemmarnas prestationer viktiga där övervakning av teammedlemmarnas prestationer är speciellt viktigt under stressiga situationer. När man designar automation bör man ta lärdom från teamwork mellan människor. Vidare så identifierar och behandlar arbetet inom denna avhandling två aspekter gällande teamwork mellan människa och automation: gränsmedvetenhet och implicit kommunikation. Dessa aspekter är föreslagna vi att stötta operatörens kunskap om automationen och kommunikationsflödet mellan operatören och automationen. Gränsmedvetenhet är operatörens kunskap om automationens förmågor, dess gränser och dess konsekvenser när automation går utanför dessa gränser. Implicit kommunikation är de outtalade eller implicita ledtrådar som operatören och automationen kan använda för att kommunicera med varandra. Det är föreslaget att implicit kommunikation kan baseras på arbetsmönster från operatören eller från prediktioner från automationen. Kunskapen från denna avhandling kan användas som ett underlagför vidare forskning och design av automation gällande operatörers kunskap om automationens gränser och kommunikationen inom teamet.

IN A WORLD WHERE WE CAN BE TRACKED BY OUR MOBILE PHONES, CCTV AND SPY SATELLITES, THINGS DO NOT JUST DISAPPEAR. ESPECIALLY NOT A BIG THING LIKE A JUMBO JET. BUT MALAYSIAN AIRLINES FIGHT MH370 DID.A wide-bodied Boeing 777 is so large that you could barely park it on a football field. But soon after a routine takeoff from Kuala Lumpur International Airport on the night of 7 March 2014, Flight MH370 disappeared from the radar with 227 passengers and 12 crew on board. No one could even be sure where it was last seen. Debris was spotted hundreds, then thousands of miles apart, only to be discounted.For weeks this real-life version of the hit TV show Lost gripped the world. Even Russia's invasion of the Crimea couldn't keep it off the front pages. Were those on board to be found alive on a mysterious tropical island? Had they crashed into the sea? Had the plane been hijacked or brought down by a terrorist bomb?As the story unfolded more mysteries came to light. Who had turned off the plane's tracking

systems? And why? Why had there been no 'Mayday' call? And which way was it headed?Why were governments and institutions that had information about Flight MH370 so reluctant to share it? And why did the mobile phones of those on board continue to ring out. Wild theories abounded. Had Flight MH370 been abducted by aliens? Or shot down by the North Koreans?Its route took it nowhere near the Devil's Sea - the Pacific's answer to the Bermuda Triangle. But somehow, in the world of the web, where every email was intercepted, the disappearance of MH370 began to rival the legend of the Marie Celeste.Prolific author Nigel Cawthorne sifts the evidence, weighs the theories and unravels the mystery of Flight MH370.

The Boeing 777 Study Guide is a compilation of notes taken primarily from flight manuals, but also includes elements taken from class notes, computer-based training, and operational experience. It is intended for use by initial qualification crewmembers, and also for systems review prior to recurrent training or check rides. The book is written in a way that organizes in one location all the buzz words, acronyms, and numbers the average pilot needs to know in order to get through qualification from an aircraft systems standpoint. The guide covers 777-200 and 777-300 series airplanes.

MKTG4 continues to offer a unique blended solution for lecturers and students in introductory marketing subjects, in both University and Vocational sectors. Continuing to pave a new way to both teach and learn, MKTG4 is designed to truly connect with today's busy, tech-savvy student. Students have access to online interactive quizzing, videos, flashcards, games and more. An accessible, easy-to-read text with tear-out review cards completes a package that helps students to learn important concepts faster.

This improbable aviation adventure will take you on a thirty-six year journey from five-star hotels to back alleys and greasy cargo ramps. Join the author, Ace Abbott, on a roller coaster ride of an aviation career, as he transitions from hobnobbing with international icons, like Jimmy Buffett, to bartering in order to get some critical jet fuel. The author s primary source of motivation in writing his story is the desire to share a wonderful adventure with pilots of all backgrounds who have had similar careers and to inform aspiring pilots of the unique nuances of an aviation career. Twenty-five employers later, you will get to ride on Ace's final flight in a 727 while you gain insight into the potential catastrophe of a pilot s brief but potentially fatal inattention. This aviation exposé will introduce the reader to aspects of aviation never before seen from the previously unexplored dark side of commercial aviation. The secondary theme of this book is very relevant to the current front and center news topic of aviation safety. Included in The Rogue Aviator is an insider s look at commercial aviation and the FAA. With today s focus on aviation safety and the role of the FAA to insure our safety in the air, the author addresses his thoughts on these vital areas.

Bearing Capacity of Roads, Railways and Airfields includes the contributions to the 10th International Conference on the

Bearing Capacity of Roads, Railways and Airfields (BCRRA 2017, 28-30 June 2017, Athens, Greece). The papers cover aspects related to materials, laboratory testing, design, construction, maintenance and management systems of transport infrastructure, and focus on roads, railways and airfields. Additional aspects that concern new materials and characterization, alternative rehabilitation techniques, technological advances as well as pavement and railway track substructure sustainability are included. The contributions discuss new concepts and innovative solutions, and are concentrated but not limited on the following topics: · Unbound aggregate materials and soil properties · Bound materials characteritics, mechanical properties and testing · Effect of traffic loading · In-situ measurements techniques and monitoring · Structural evaluation · Pavement serviceability condition · Rehabilitation and maintenance issues · Geophysical assessment · Stabilization and reinforcement · Performance modeling · Environmental challenges · Life cycle assessment and sustainability Bearing Capacity of Roads, Railways and Airfields is essential reading for academics and professionals involved or interested in transport infrastructure systems, in particular roads, railways and airfields.

'Ingenious and intriguing' BA PARIS 'I devoured this Londoner in LA story in a day' CAROLINE KEPNES 'I loved it' TM LOGAN 'Engaging and suspenseful' NEW YORK TIMES 'Stylish, riveting, hugely atmospheric — I couldn't put it down' LUCY FOLEY THE NEW GRIPPING PSYCHOLOGICAL THRILLER FROM THE NEW YORK TIMES BESTSELLING AUTHOR OF MR NOBODY AND SOMETHING IN THE WATER * A woman has gone missing But did she ever really exist? Mia Eliot has travelled from London to LA for pilot season. This is her big chance to make it as an actor in Hollywood, and she is ready to do whatever it takes. At an audition she meets Emily, and what starts as a simple favour takes a dark turn when Emily goes missing and Mia is the last person to see her. Then a woman turns up, claiming to be Emily, but she is nothing like Mia remembers. Why would someone pretend to be Emily? Starting to question her own sanity, she goes on a desperate and dangerous search for answers, knowing something is very, very wrong. In an industry where everything is about creating illusions, how do you know what is real? And how much would you risk to find out? Praise for The Disappearing Act 'Captivating doesn't cover it. Brilliant doesn't do it justice. This is a dazzling, gasp-inducing plunge-pool of a novel that grips your heart and mind and refuses to let go. Absolutely stunning' BP Walter 'Another screen-worthy thriller . . . Steadman's flair for storytelling makes this novel a welcome escape' Washington Post 'Like Chekhov's gun, the Hollywood sign is mentioned early, leading to a great, extended scene far above the city — and to a genuine Hollywood ending' NEW YORK TIMES 'Engrossing and unputdownable . . . I devoured this Londoner in LA story in a day' Caroline Kepnes 'A fascinating glimpse of the darkness behind Hollywood's glittering façade. I loved it' TM Logan 'Another page-turning winner from Catherine Steadman. Ingenious and intriguing, with a fascinating

insight into the acting world' BA Paris 'As tense as John Buchan and suspenseful as Patricia Highsmith' Emma Bamford 'Glamour, greed and gaslighting - the perfect summer read!' Harriet Walker Praise for Catherine Steadman ‘A thriller for our times’ Louise Candlish ‘A proper page-turner’ New York Times 'Fans of The Silent Patient will love it' CJ Tudor 'Had me racing through the pages’ Sarah Vaughan 'An enjoyable, nail-biting ride' Observer ‘Original, ingenious and utterly gripping, with characters you’ll really care about as they race towards the brilliantly unexpected ending’ JP Delaney 'From the intriguing opening to the shocking ending, I loved it…' CJ Tudor 'Very clever, brilliantly compelling, another amazing read from Catherine Steadman' BA Paris ‘A highly imaginative tale tinged with Hitchcockian tension and kinetic pacing… Deliciously provocative… Delightfully compelling’ Washington Post 'Perfectly paced with an exciting race to the end, this is one clever novel' Woman’s Weekly

Beatrice Bressan brings together a number of outstanding examples of successful cross-disciplinary technology transfer originating in fundamental physics research, which dramatically impacted scientific progress in areas which changed modern society. Many of them were developed at CERN, a hotbed of fundamental inventions in particle physics. This book deals with breakthrough developments being applied in the world of IT, consumer electronics, aviation, and material sciences. Additional sections of the book deal with knowledge management and technology transfer including their economic aspects. While each chapter has been drafted by an expert in the field, the editor has carefully edited the whole to ensure a coherent overall structure. A must-have for policy makers, technology companies, investors, strategic planners in research and technology, as well as attractive reading for the research community.

Documents the production of the passenger aircraft, examining Boeing's team management strategy, the design creation done exclusively on computer, and the unique financing plan

An inside technical look at the Boeing 777, one of the world's most advanced airliners. This volume features test flights, complex systems, revolutionary materials and structures, space-age cockpits and highly expensive engines.

This book is a means to diagnose, anticipate and address new cyber risks and vulnerabilities while building a secure digital environment inside and around businesses. It empowers decision makers to apply a human-centred vision and a behavioral approach to cyber security problems in order to detect risks and effectively communicate them. The authors bring together leading experts in the field to build a step-by-step toolkit on how to embed human values into the design of safe human-cyber spaces in the new digital economy. They artfully translate cutting-edge behavioral science and artificial intelligence research into practical insights for business. As well as providing executives, risk assessment analysts and practitioners with practical guidance on navigating cyber risks within their organizations, this book will help policy makers better understand the complexity of business decision-making in the digital age. Step by step, Pogrebna and Skilton show you how to anticipate and diagnose new threats to your business from advanced and AI-driven cyber-attacks.

The Federal Aviation Administration’s Advanced Avionics Handbook is a critical tool for anyone seriously interested in flying modern airplanes. As modern technology continues to revolutionize the science of flight, it is the responsibility of every pilot, student, and flight engineer to be up to date on the most advanced avionics equipment available. This easy to read handbook introduces pilots and other readers to flight operations in aircrafts with the latest integrated “glass cockpit” advanced avionics systems.

On March 8th, 2014, Malaysia Airlines Flight 370, with 239 people on board, disappeared into the dark of the night, never to be heard from again. The disappearance of MH370 has been described as the “greatest mystery in the history of aviation“. Despite the efforts of an international investigation team, and millions of dollars spent searching the ocean bottom for the wreckage site, no one has been able to determine what really happened. Until now... For this book, three professional accident investigators, each with decades of real-world experience in crash dynamics, examined the available evidence. The results of their work reveal the actual sequence of events, and what really happened to MH370. This book uses plain language, easy to understand schematics, and clear photos of the actual wreckage to bring the evidence to life. Even those with little or no aviation connection will be able to understand and appreciate the validity of this eye-opening analysis. You will see that the official investigation was deficient. They missed, or misinterpreted, crucial evidence that was available on the recovered wreckage pieces. Therefore, they used incorrect assumptions about what was happening onboard MH370 when they calculated the boundaries for their search zones. This book will reveal why the multi-million dollar ocean bottom search efforts had almost no chance of success. You will be guided through a basic investigation and analysis process to show what caused MH370 to disappear from radar, and to fly on an unexplained and mysterious track that led to the southern Indian Ocean. Many people have presented theories to try to explain the MH370 disappearance. This book shows you a basic investigation framework where theories that are based on speculation and guesswork can be invalidated. You are left with only one scenario that is totally based on confirmed facts. The known and indisputable evidence fits with only one chain of events, and that is the chain of events presented by the author. With this book, the mystery of MH370 has been solved.
"A staggering, meticulous and frequently spine-chilling work of longform journalism." Trent Dalton Somewhere deep beneath the wild seas of the southern Indian Ocean, perhaps in the eerie underwater canyons of Broken Ridge along the Seventh Arc satellite band, lies the answer to the world's greatest aviation mystery. Why, on the night of 8 March 2014, did Malaysia Airlines Flight MH370 suddenly U-turn, zig-zag up the Straits of Malacca, then vanish with 239 souls on board? Was it an elaborate murder-suicide by a rogue pilot? A terrible accident such as onboard fire, rapid decompression or systems failure? A terrorist hijacking gone wrong? Or something else entirely? Award-winning journalist Ean Higgins has led the world media's coverage of this incredible saga and draws on years of interviews with aviation experts, victims' families, air crash investigators and professional hunters across land, sea and sky to dissect the riddle of MH370's fate. PRAISE FOR THE HUNT FOR MH370 "The Hunt for MH370 is a riveting page-turner written with the drama and intrigue of a thriller. Piece by tantalising piece, Ean Higgins unpuzzles this most baffling of mysteries, asking dangerous questions and revealing shocking truths." Dick Smith "The disappearance of MH370 remains the greatest and most pressing mystery in aviation history that demands answers for both the families of the stricken passengers and the travelling public. No journalist has been more relentless in the pursuit of the truth of MH370 than Ean Higgins. The Hunt for MH370 is an engrossing book in which Higgins has meticulously pieced together the puzzle of the doomed flight from its vanishing to the flawed investigation and the largest maritime search ever that leads the reader to a chilling conclusion that is almost impossible to comprehend." Paul Whittaker, Chief Executive Sky News and former editor-in-chief, The Australian