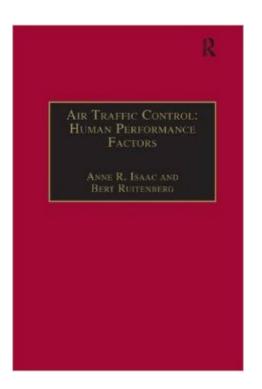
The book was found

Air Traffic Control: Human Performance Factors





Synopsis

From the Foreword by Captain Daniel Maurino, ICAO: '...Air Traffic Control...will remain a technology-intensive system. People (controllers) must harmoniously interact with technology to contribute to achieve the aviation systemâ ™s goals of safe and efficient transportation of passengers and cargo...This book...considers human error and human factors from a contemporary and operational perspective and discusses the parts as well as the whole...I hope you enjoy reading it as much as I did.' The motivation for writing this book comes from the authorâ ™s long standing belief that the needs of Air Traffic Service personnel are inadequately represented in the aviation literature. There are few references to air traffic control in many of the books written for pilots and about pilots and this is also observed at the main international conferences. In line with the ICAO syllabus for human factors training for air traffic controllers, the book covers the main issues in air traffic control, with regard to human performance: physiology including stress, fatigue and shift work problems; psychology with emphasis on human error and its management, social psychology including issues of communication and working in teams, the environment including ergonomic principles and working with new technologies and hardware and software issues including the development of documentation and procedures and a study of the changes brought about by advanced technologies. Throughout the text there are actual examples taken from the air traffic control environment to illustrate the issues discussed. A full bibliography is included for those who want to read beyond these issues. It has been written for all in air traffic services, from ab initio to the boardroom; it is important that the men and women in senior management positions have some knowledge and awareness of the fundamental problems that limit and enhance human performance.

Book Information

Hardcover: 392 pages

Publisher: Routledge; New edition edition (May 28, 1999)

Language: English

ISBN-10: 0291398545

ISBN-13: 978-0291398543

Product Dimensions: 1 x 6.2 x 9.8 inches

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

Average Customer Review: 4.0 out of 5 stars Â See all reviews (1 customer review)

Best Sellers Rank: #4,733,361 in Books (See Top 100 in Books) #46 in Books > Engineering &

Transportation > Transportation > Aviation > Airport #21851 in Books > Engineering & Transportation > Automotive #792596 in Books > Textbooks

Customer Reviews

very interesting and useful book

Download to continue reading...

Air Fryer Cookbook: Delicious and Favorite recipes - pictures are taken by hand (Air Fryer Recipe Book, Air Fryer Cooking, Air Fryer Oven, Air Fryer Baking, Air Fryer Book, Air Frying Cookbook) Air Traffic Control: Human Performance Factors Jane's Air Traffic Control 2005-06 (Jane's Air Traffic Control) Jane's Air Traffic Control (Jane's Air Traffic Control) How to Prepare for the Air Traffic Controller Exam (Barron's How to Prepare for the Air Traffic Controller) Air Plants: A Beginners Guide To Understanding Air Plants, Growing Air Plants and Air Plant Care (Air Plants, Ornamental Plants, House Plants) Conceptual Foundations of Human Factors Measurement (Human Factors and Ergonomics) Handbook of Aviation Human Factors, Second Edition (Human Factors in Transportation (Hardcover)) International Air Band Radio Handbook: The Guide to World-Wide Air Traffic Control The Future of Air Traffic Control: Human Operators and Automation The Future Air Navigation System (FANS): Communications, Navigation, Surveillance - Air Traffic Management (CNS/ATM) Fundamentals of Air Traffic Control Air Traffic Control Career Prep: A Comprehensive Guide to One of the Best-Paying Federal Government Careers, Including Test Preparation for Exams Janes Air Traffic Control 2011/12 Jane's Air Traffic Control 1997-98 Jane's Air Traffic Control 2003-2004 Jane's Air Traffic Control 2002-2003 Jane's Air Traffic Control 2001-2002 Jane's Air Traffic Control A Human Error Approach to Aviation Accident Analysis: The Human Factors Analysis and Classification System

<u>Dmca</u>