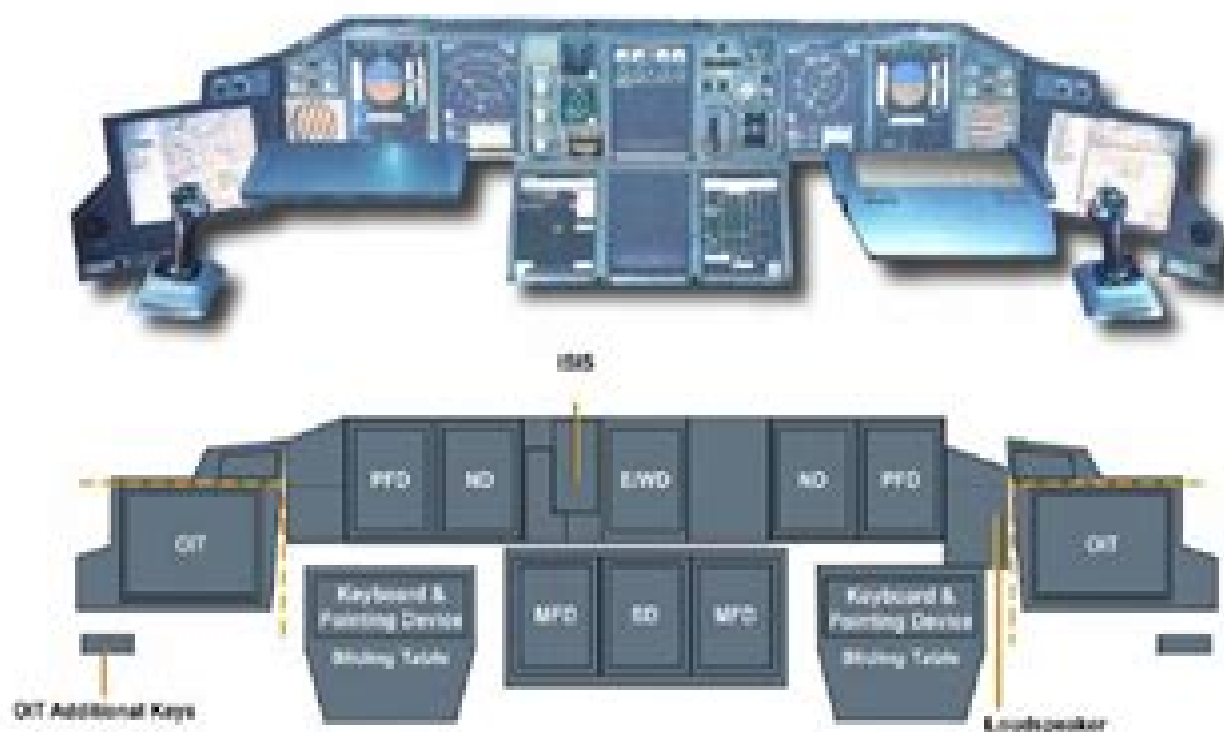


A380 Flight Deck Layout

3. Instrument Panels

MAIN INSTRUMENT PANEL



PFD: Primary Flight Display

ND: Navigation Display

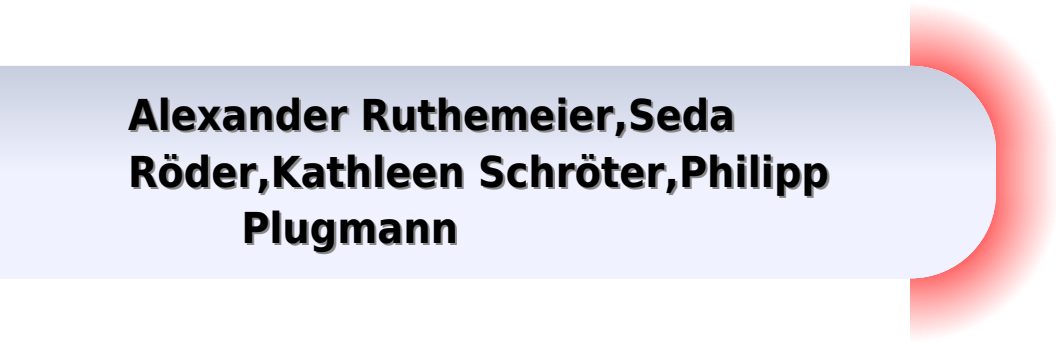
MFD: MultiFunction Display

EWD: Engine Warning Display

SD: System Display

A380 Flight Crew Training Manual

**Alexander Ruthemeier, Seda
Röder, Kathleen Schröter, Philipp
Plugmann**



A380 Flight Crew Training Manual:

Airline Cabin Crew Training Manual Emmy Arsonval Maniriho, 2022-11-12 Working as cabin crew for international and domestic airlines is a stunning and challenging experience In addition to jetting off to exotic destinations the job also requires a high degree of responsibility and specialization to ensure the safety and comfort of passengers in line with civil aviation industry regulations It takes a lot of time determination and enthusiasm but cabin crew training is also a lot of fun This Airline cabin crew training manual provides with everything a cabin crew staff needs to know before during and after flying moment This manual gives an ideal approach on how to deal with cabin safety and airline services It is designed for the people who like to become an Airhostess and stewards Many young people opt for cabin crew as a full fledged career prospect because of the high salaries exciting experience of flying and interacting with different kinds of people on board and visiting several countries The liberation of Aviation industry in many countries has created a lot of job opportunities in airline and airport sector This Airline Cabin Crew Training Manual is meant to prepare airline professionals and students to handle the toughest moments in airlines and Airports *Civil Airliner Flight Guidance Technology for Four-Dimensional Trajectory-Based Operation* Guangwen Li, Shaobo Zhai, Qiuling Jia, 2024-09-16 This book focuses on achieving precision guidance and timely arrival in flight The content comprehensively describes the civil aircraft flight guidance technology for four dimensional trajectory based operation The main content of this book is the summary of the author s team s research work on flight management systems and flight guidance technology over the past decade including flight plan analysis and transition path construction four dimensional trajectory planning and re planning high precision flight guidance commands calculation FMS landing system etc The theoretical methods described in the book have been verified by pre research and practical engineering projects which are of great theoretical significance and engineering application value This book is used as a reference for engineers engaged in flight control flight guidance and flight management research as well as Masters and Ph Ds in related disciplines **HCI International 2020 - Late Breaking Papers: Cognition, Learning and Games** Constantine Stephanidis, Don Harris, Wen-Chin Li, Dylan D. Schmorow, Cali M. Fidopiastis, Panayiotis Zaphiris, Andri Ioannou, Xiaowen Fang, Robert A. Sottilare, Jessica Schwarz, 2020-10-03 This book constitutes late breaking papers from the 22nd International Conference on Human Computer Interaction HCII 2020 which was held in July 2020 The conference was planned to take place in Copenhagen Denmark but had to change to a virtual conference mode due to the COVID 19 pandemic From a total of 6326 submissions a total of 1439 papers and 238 posters have been accepted for publication in the HCII 2020 proceedings before the conference took place In addition a total of 333 papers and 144 posters are included in the volumes of the proceedings published after the conference as Late Breaking Work papers and posters These contributions address the latest research and development efforts in the field and highlight the human aspects of design and use of computing systems Advanced Approach Light System Behrend, Ferdinand, 2017-08-25 The constant growth in aviation

requires the introduction of new technologies in order to meet the demand for increasing capacity. Especially the airport often represents the limiting factor. Poor visibility conditions and an insufficiently equipped ground infrastructure regarding navigation facilities can lead to restrictions in maintaining the prevailing traffic flow especially during the approaches. The conventional instrument landing system consists of numerous technical components which are causing expenses regarding maintenance and operation. Smaller airports are often only partially or not at all equipped with the appropriate ground facilities. This can bring air traffic to a total halt during certain visibility conditions. New satellite based approach procedures offer the possibility to keep up air traffic even during poor visibility conditions regardless of the ground infrastructure required in the past. These also offer now a barometric guidance or an augmented satellite signal for the vertical flight guidance component. With the use of these approach procedures there is however the possibility of new faults and errors of the vertical flight guidance signal. In a system based on electromagnetic radio waves a fault is angular meaning if the airplane gets nearer to the transmitter on ground the absolute possible failure of the target approach path gets smaller. In a satellite based approach on the other hand it is constant during the whole approach. The result can be a great deviation from the target approach path even just before reaching the runway threshold. Often only after reaching the decision height and the herewith connected visual contact to corresponding ground features these faults can be recognized during poor visibility conditions close to the minima of a precision approach flight. The larger the absolute error to the target approach path the more crucial it gets to initiate a missed approach procedure and therefore preventing a drop out of the relevant obstacle clearance limit. Research has shown that through the currently present visual characteristics of the approach lighting system the actual position cannot be determined sufficiently regarding the runway threshold and the target approach path in order to estimate the decision height correctly. The here presented Advanced Approach Light System is supposed to be an additional visual aid in order to support the cockpit crew in its decisions. Therefore it should amount to improve the awareness of the situation regarding constant vertical faults. The new navigation lighting system has been integrated into a flight simulator and was tested by licensed airline pilots within two test series with varying visibility conditions and decision heights. Next to basic functionality operational usability in existing procedures of practical routines in the cockpit has been evaluated. The results of the test series have demonstrated a significant improvement in identifying vertical faults with the support of the Advanced Approach Light System. The decision to initiate a missed approach was made immediate and prompt and therefore the airplane stayed within the obstacle clearance limit even in a low decision height. In contrast the trial participants without the new system took reluctant and often far too late decisions which lead to a drop out of the obstacle clearance limit. The Advanced Approach Lighting System has significantly improved the situation awareness for pilots in command in recognizing vertical faults when reaching the decision height. The integration in existing work routines and its operative use happened flawlessly and was highly accepted by the trial participants. Das stetige Wachstum in der Luftfahrt

erfordert die Einführung neuer Technologien um der Nachfrage nach steigender Kapazität gerecht zu werden. Insbesondere das System Flughafen stellt hierbei oftmals den limitierenden Faktor dar. Schlechte Sichtbedingungen und die unzureichende bodenseitige Ausrüstung mit Navigationseinrichtungen können für Einschränkungen in der Aufrechterhaltung des bestehenden Verkehrsflusses sorgen, insbesondere bei Landeanflügen. Das konventionelle Instrumentenlandesystem besteht aus einer Vielzahl an technischer Komponenten, die hohen Aufwand hinsichtlich Wartung und Betrieb verursachen. Kleine Flughäfen sind oft nur teilweise oder gar nicht mit den entsprechenden Bodenkomponenten ausgerüstet, so dass der Flugbetrieb bei bestimmten Sichtbedingungen vollständig eingestellt werden muss. Neue satellitengestützte Anflugverfahren bieten die Möglichkeit, den Flugbetrieb auch bei schlechten Sichtbedingungen aufrechtzuerhalten, unabhängig von der bisher notwendigen Bodeninfrastruktur. Diese bieten mittlerweile ebenso eine auf der barometrischen Höhenmessung oder einem aufgewerteten Satellitensignal basierende vertikale Flugführungskomponente. Allerdings besteht mit der Verwendung entsprechender Anflugverfahren auch eine neue mögliche Fehlercharakteristik des vertikalen Flugführungssignals. Ist ein Fehler beim auf elektromagnetischen Funkwellen basierenden Instrumentenlandesystem winkelförmig, d. h. je näher sich das Luftfahrzeug dem Sender am Boden nähert, umso kleiner wird die absolute Ablage zum Sollanflugweg. Ist dieser bei satellitengestützten Anflügen konstant über den gesamten Endanflug. Eine große Abweichung vom Sollanflugweg auch kurz vor Erreichen der Landebahnschwelle kann die Folge sein. Bei schlechten Sichtbedingungen nahe den Minima eines Präzisionsanfluges kann der Fehler oft erst bei Erreichen der Entscheidungshöhe und dem damit verbundenen visuellen Kontakt zu entsprechenden Bodenmerkmalen erkannt werden. Je größer die Ablage zum Sollanflugweg, umso entscheidender ist das unverzügliche Einleiten des Fehlanflugs, um ein Verlassen der entsprechenden Hindernisfreibereiche zu verhindern. Untersuchungen haben gezeigt, dass die aktuell vorhandenen visuellen Merkmale der Anflugbefeuerung nicht ausreichend sein können, die tatsächliche Position bezüglich der Landebahnschwelle und des Sollanflugweges bei Erreichen der Entscheidungshöhe einzuschätzen. Das hier vorgestellte Advanced Approach Light System soll die Cockpitbesatzung als zusätzliches visuelles Merkmal bei der Entscheidung unterstützen und so zur Verbesserung des Situationsbewusstseins hinsichtlich konstanter vertikaler Fehler beitragen. Das neue Befeuerungssystem wurde in einen Flugsimulator integriert und innerhalb zweier Versuchsreihen mit unterschiedlichen Sichtbedingungen und Entscheidungshöhen von lizenzierten Verkehrspiloten getestet. Dabei sollte neben der grundsätzlichen Funktionalität auch die operative Einsetzbarkeit in den bestehenden Ablauf der Handlungsrouninen im Cockpit untersucht werden. Die Ergebnisse der Versuchsreihen haben eine erhebliche Verbesserung im Erkennen vertikaler Fehler mit Hilfe des Advanced Approach Light System aufgezeigt. Die Entscheidung zum Einleiten des Fehlanflugs erfolgte direkt und unverzüglich, wodurch das Luftfahrzeug auch bei sehr niedriger Entscheidungshöhe noch innerhalb des Hindernisfreibereiches blieb. Im Gegensatz dazu wurde bei den Versuchsteilnehmern, denen nicht das neue System zur Verfügung stand, die Entscheidung eher zögerlich und oftmals viel später getroffen, was zu einem Verlassen des

Hindernisfreibereichs führte Das Situationsbewusstsein der Luftfahrzeugführer zum Erkennen vertikaler Fehler beim Erreichen der Entscheidungshöhe wurde durch das Advanced Approach Light System wesentlich erhöht Die Integration in bestehende Arbeitsroutinen und der operative Einsatz erfolgten bei hoher Akzeptanz problemlos durch die Versuchsteilnehmer *Handbuch der Luftfahrt* Heinrich Mensen, 2013-09-11 Das Handbuch der Luftfahrt ist ein praxisorientiertes Nachschlagewerk und Lehrbuch und umfasst alle relevanten Teilgebiete des Luftverkehrs und deren Zusammenwirken Zunächst werden die betrieblichen Stufen des Luftverkehrs ausführlich erläutert Dies sind einerseits die Luftverkehrsgesellschaften und die Betreiber von Flugzeugen sowie andererseits die Flugplätze strukturiert nach Landseite Terminalbereich und Luftseite Das Flugzeug selbst wird dabei auf die anstehende Flugaufgabe vorbereitet Für die sichere konfliktfreie und wirtschaftliche Durchführung des jeweiligen Fluges ist die Flugsicherungsorganisation verantwortlich deren betrieblich technische Aufgaben umfassend erklärt werden Die Neuauflage des Buches zeigt anhand aktueller Bilder und Beispiele wie die Transport Abfertigungs und Wegsicherungsprozesse formal und inhaltlich ablaufen wie diese Prozesse strukturiert und organisiert sind und mit welchen technischen bzw infrastrukturellen Instrumentarien sie unterstützt werden Da diese Prozesse in einem in seiner Kapazität nicht erweiterbaren Luftraum Verkehrsraum stattfinden bedarf es auch einer differenzierten Struktur dieses Luftraumes sowie umfangreicher Regeln und Verfahren zur Nutzung um den unterschiedlichen Anforderungen gerecht zu werden

History and Development of Airline Cabin Safety Fons Schaefer, 2025-03-19 History and Development of Airline Cabin Safety offers an understanding of how cabin safety evolved over time It covers six key areas impact protection fire protection egress potential life support equipment information and instructions and cabin professionals Exploring the organic choreography of accidents research technological progress rulemaking and industry response the book clarifies that cabin safety enhancements were not well planned but came incidentally and step by step Each step was triggered by accidents with survivability issues except in one area where a proactive approach proved to be first time right oxygen for passengers The step improvements which mainly occurred in the U S concentrated in three waves centered around 1950 1970 and 1985 respectively The book will interest aviation regulators aircraft manufacturers and operators cabin safety professionals including cabin crew and accident investigation professionals

Building the Information Society Rene Jacquot, 2008-04-08 In the context of the 18th IFIP World Computer Congress WCC 04 and beside the traditional organization of conferences workshops tutorials and student forum it was decided to identify a range of topics of dramatic interest for the building of the Information Society This has been featured as the Topical day session track of the WCC 04 Topical Sessions have been selected in order to present syntheses latest developments and or challenges in different business and technical areas Building the Information Society provides a deep perspective on domains including the semantic integration of heterogeneous data virtual realities and new entertainment fault tolerance for trustworthy and dependable information infrastructures abstract interpretation and its use for verification

of program properties multimodal interaction computer aided inventing emerging tools and techniques for avionics certification bio nano and information technologies E learning perspectives on ambient intelligence the grand challenge of building a theory of the Railway domain open source software in dependable systems interdependencies of critical infrastructure social robots as a challenge for machine intelligence Building the Information Society comprises the articles produced in support of the Topical Sessions during the IFIP 18th World Computer Congress which was held in August 2004 in Toulouse France and sponsored by the International Federation for Information Processing IFIP *Symposium*

Proceedings Society of Experimental Test Pilots. Symposium,2008 **Crew Resource Management Training** Norman MacLeod,2021-05-05 The book provides a data driven approach to real world crew resource management CRM applicable to commercial pilot performance It addresses the shift to a systems based resilience thinking that aims to understand how worker performance provides a buffer against failure This book will be the first to bring these ideas together Taking a competence based approach offers a more coherent relevant approach to CRM The book presents relevant real world examples of the concepts and outlines a change in thinking around pilot performance and data interpretation that is overdue Airlines pilots and aviation industry professionals will benefit from the insights into organisational design and alternative approaches to training FEATURES Approaches CRM from a competence based perspective Uses a systems model to bring coherence to CRM Includes a chapter on using blended learning and virtual reality to deliver CRM Features research on work life balance morale pilot fatigue and link to error Operationalises resilience engineering in a crew context Módulo 11. Sistemas eléctricos y de aviónica LÓPEZ CRESPO, JORGE,2021-11-19 El presente texto detalla el funcionamiento de los sistemas eminentemente el ctricos y electr nicos de avi nica de las aeronaves as como los m todos est ndar de mantenimiento de estos De esta forma resulta una obra especialmente pr ctica para el aspirante a T cnico de Mantenimiento Aeromec nico que deber dominar los contenidos incluidos para desempe ar su trabajo adecuadamente y por tanto desarrollarse laboralmente La obra est completamente adaptada a los contenidos del M dulo 11A Aerodin mica estructuras y sistemas de aviones de turbina de la parte 66 del Reglamento CE 1321 2014 por lo que resulta ideal para la obtenci n de las licencias de T cnico de Mantenimiento de Aeronaves EASA LMA B1 1 Avi n con motor de turbina ya que trata cada apartado con la profundidad adecuada Adem s el texto cuenta con numerosas y variadas preguntas de autoevaluaci n al final de cada unidad y una bater a de 640 preguntas de tipo test muy similares a las que el aspirante a t cnico se va a encontrar en el examen de la licencia Cabe destacar que este libro se ajusta totalmente al m dulo de Aerodin mica estructuras y sistemas el ctricos y de avi nica de aviones con motor de turbina del Ciclo Formativo de grado superior en Mantenimiento Aeromec nico de Aviones con Motor de Turbina Adem s su contenido es suficientemente amplio por lo que ser de gran utilidad para el estudio de los sistemas el ctricos y de avi nica de helic pteros y de aviones con motor de pist n Por ltimo la obra est completamente ilustrada con figuras im genes y esquemas que facilitan la comprensi n de los contenidos y sirven de valioso apoyo para la

obtención de la licencia de Técnico de Mantenimiento de Aeronaves El autor ingeniero aeronáutico por la Universidad Politécnica de Madrid cuenta con más de quince años de experiencia en la formación de técnicos de mantenimiento aeromecánico Ha publicado también en esta editorial los libros Módulo 1 Matemáticas Módulo 2 Física Módulo 3 Fundamentos de Electricidad Módulo 4 Fundamentos de Electrónica Módulo 5 Técnicas digitales Sistemas de instrumentos electrónicos y Módulo 17 Hlices

The Pilot Factor Jean Denis Marcellin, 2014-05-23 The Pilot Factor is a new approach to Crew Resource Management CRM that will empower your team to achieve a new level of safety and efficiency by learning or acquiring three key skills Communication Leadership and Experience The concepts are introduced through the use of real stories making The Pilot Factor an enjoyable yet powerful read The CRM Revolution is coming

Safety of Computer Architectures Jean-Louis Boulanger, 2013-01-09 It is currently quite easy for students or designers engineers to find very general books on the various aspects of safety reliability and dependability of computer system architectures and partial treatments of the elements that comprise an effective system architecture It is not so easy to find a single source reference for all these aspects of system design However the purpose of this book is to present in a single volume a full description of all the constraints including legal contexts around performance reliability norms etc and examples of architectures from various fields of application including railways aeronautics space automobile and industrial automation The content of the book is drawn from the experience of numerous people who are deeply immersed in the design and delivery from conception to test and validation safety analysis of safety FMEA HA etc and evaluation of critical systems The involvement of real world industrial applications is handled in such a way as to avoid problems of confidentiality and thus allows for the inclusion of new useful information photos architecture plans schematics real examples

Diccionario Inglés Técnico Aeronáutico Facundo Conforti, Augusto DeSantis, La industria aeroespacial es la segunda actividad más normada luego de las actividades nucleares esta regida por infinidad de normas reglamentaciones directivas documentación específica y todo tipo de manuales de referencia obligatoria La gran mayoría llega a manos de usuarios operadores talleristas etc en idioma inglés el idioma de uso aeronáutico por naturaleza A ello se suma el hecho de que la industria aeronáutica no está aislada de las actividades humanas sino que interactúa y se nutre y hace su aporte a ellas creando la necesidad de un sólido vínculo interdisciplinario Ahora bien si bien conocemos la existencia de esta necesidad de creación de un fuerte vínculo interdisciplinario también sabemos que en esta tarea nos encontramos con una gran barrera en el mismo la comunicación A partir de esto es posible considerar varios impedimentos en esa barrera Uno de los más importantes es el idioma como factor concurrente está el uso de regionalismos y como consecuencia de ellos la aplicación de jergas específicas Desde los albores de la aviación hemos convivido con ese problema sucede que al incrementarse día a día el número de operaciones al crecer el parque aeronáutico y convertirse la aviación en una necesidad para el resto de las actividades humanas las condiciones inseguras los incidentes y los accidentes continuamente produciéndose quedando de manifiesto las falencias de la industria en ese aspecto ii Las nuevas tecnologías en

materiales los nuevos métodos de diseño y los planes de mantenimiento con técnicas de inspección no destructivas han reducido los riesgos latentes de fallas técnicas pero no todos los aspectos relacionados con la vida humana pueden solucionarlos la tecnología por lo que en paralelo con los desarrollos tecnológicos se han creado conceptos de gestión del factor humano que han contribuido en gran medida a la seguridad operacional y desde el año 1978 su estudio y prevención se ha expandido considerablemente por lo que en todos los programas de estudio y mejoramiento de la interacción antropológica CRM MRM LOFT SHELL etc la comunicación es un vínculo importantísimo en la seguridad operacional Si trasladamos lo expuesto a las tareas diarias ya sea en la operación de una aeronave en el mantenimiento de la misma en el control del tránsito aéreo en la administración de las empresas operadoras o en cualquier otra actividad relacionada con la industria aeroespacial se presentará el problema del uso del idioma inglés los regionalismos y las jergas específicas factores tendientes a desencadenar una sucesión de eventos inseguros que podrían desembocar en un incidente o en un accidente de consecuencias catastróficas Cuando se analiza la comunicación oral y escrita es importante tener en cuenta que si bien manejamos un vocabulario técnico en común es inevitable tanto en inglés como en español el uso de regionalismos y argot jergón en inglés Por ejemplo un técnico ecuatoriano hablará de la bitacorita de la aeronave mientras que uno argentino hablará de la libreta historial de la aeronave Esta divergencia puede justificarse como un caso de regionalismos de países diferentes ahora bien en el segundo ejemplo el mismo técnico argentino en la provincia de Buenos Aires hablará de chavetas para frenar un bulón mientras que otro técnico argentino en Córdoba hablará de cupillas para frenar un bulón En paralelo se puede ver también que los diferentes fabricantes tienen lexicos específicos con respecto a sus productos por ejemplo uno de los más conocidos fabricantes británicos de motores posee un sistema propio de códigos de denominación y aplicación de Boletines de Servicio no mandatorios muy distinto al que manejan sus competidores directos de Estados Unidos y Canadá Por eso la intención de este manual iii es contemplar una cantidad importante de tales divergencias presentándolas en cada asiento específico para que el uso del término y el concepto se apliquen con la mayor propiedad posible La propuesta de este manual es constituirse en una obra de referencia pensada como apoyo idiomático para interpretar y utilizar con mayor exactitud todos los niveles en que se presenta la terminología aeronáutica y contribuir a la aclaración de las dudas que continuamente se dan en la traducción de ambas lenguas en los diferentes campos de la aviación

A High Reliability Approach to AI in Healthcare Dr. Rubin Pillay, 2025-08-07 A High Reliability Approach to AI in Healthcare Lessons from the Flightdeck is a bold and timely guide to one of the most critical transformations in modern medicine the integration of artificial intelligence into healthcare safely ethically and effectively In a field where complexity is high stakes are higher and tolerance for error should be zero AI presents both an extraordinary opportunity and a profound challenge Drawing powerful parallels between the cockpit and the clinic Dr Rubin Pillay introduces a high reliability framework inspired by aviation to help healthcare leaders clinicians and technologists navigate the implementation of AI with

rigor and responsibility Through vivid case studies practical strategies and visionary insights Dr Pillay illustrates how the principles that keep modern aircraft safe redundancy simulation systems thinking and culture of accountability can and must be applied to AI in medicine This is not a book about hype It s a roadmap for those serious about making AI work where it matters most at the point of care Whether you re a healthcare executive a frontline clinician or a technology innovator this book will challenge your assumptions sharpen your thinking and equip you to lead in an AI powered healthcare future

Popular Science ,2003-11 Popular Science gives our readers the information and tools to improve their technology and their world The core belief that Popular Science and our readers share The future is going to be better and science and technology are the driving forces that will help make it better The Global Impact of Social Innovation Alexander Ruthemeier,Seda Röder,Kathleen Schröter,Philipp Plugmann,2022-09-14 Social Innovation is not just a buzzword it s a global opportunity However it is also a very wide and heterogeneous field The aim of this book is to give the reader different perspectives concepts and experiences to understand the challenging tasks of the future while also showcasing some existing best practice examples impact investing and social innovation strategies that successfully empower communities and individuals to shape a better life *Engineering Psychology and Cognitive Ergonomics* Don Harris,Wen-Chin Li,2023-07-08 This two volume set LNCS 14017 14018 constitutes the thoroughly refereed proceedings of the 20th International Conference on Engineering Psychology and Cognitive Ergonomics EPCE 2023 held as part of HCI International 2023 which took place in Copenhagen Denmark during July 23 28 2023 A total of 1578 papers and 396 posters have been accepted for publication in the HCII 2023 proceedings from a total of 7472 submissions The papers included in the HCII EPCE volume set were organized in topical sections as follows Part I Stress fatigue and mental workload human performance and error management resilience and performance in demanding contexts Part II Human factors in aviation human factors in operations management human centered design of autonomous systems **Commercial Aircraft Composite Technology** Ulf Paul Breuer,2016-05-10 This book is based on lectures held at the faculty of mechanical engineering at the Technical University of Kaiserslautern The focus is on the central theme of societies overall aircraft requirements to specific material requirements and highlights the most important advantages and challenges of carbon fiber reinforced plastics CFRP compared to conventional materials As it is fundamental to decide on the right material at the right place early on the main activities and milestones of the development and certification process and the systematic of defining clear requirements are discussed The process of material qualification verifying material requirements is explained in detail All state of the art composite manufacturing technologies are described including changes and complemented by examples and their improvement potential for future applications is discussed Tangible case studies of high lift and wing structures emphasize the specific advantages and challenges of composite technology Finally latest R D results are discussed providing possible future solutions for key challenges such as low cost high performance materials electrical function integration and morphing

structures **Airbus A320** Facundo Conforti,2020-03-09 In this manual you as a pilot will learn about main flight concepts and how the A320 works during normal and abnormal operations This is not a technical manual about systems it s a manual about of flight philosophy This manual is based on the original Airbus manual called The Flight Crew Training Manual which is published as a supplement to the Flight Crew Operating Manual FCOM and is designed to provide pilots with practical information on how to operate the Airbus aircraft It should be read just like a supplement and not for real flight In this case refer to the original FCOM from Airbus Let s start to fly the amazing A320 with our collection of books and remember it s not a technical manual so enjoy it **Airbus A320 Crew Manual** Biblioteca Aeronáutica,2024-09-13 In this manual you as a pilot will learn about main flight concepts and how the A320 works during normal and abnormal operations This is not a technical manual about systems it s a manual about of flight philosophy This manual is based on the original Airbus manual called The Flight Crew Training Manual which is published as a supplement to the Flight Crew Operating Manual FCOM and is designed to provide pilots with practical information on how to operate the Airbus aircraft It should be read just like a supplement and not for real flight In this case refer to the original FCOM from Airbus Let s start to fly the amazing A320 with our collection of books and remember it s not a technical manual so enjoy it

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