

1. Record Nr.	UNINA9910457891903321
Titolo	Mechanisms in the chain of safety [[electronic resource]] : research and operational experiences in aviation psychology // edited by Alex de Voogt and Teresa C. D'Oliveira
Pubbl/distr/stampa	Surrey, England ; ; Burlington, Vt., : Ashgate, c2012
ISBN	1-315-59444-7 1-317-09900-1 1-283-36751-3 9786613367518 1-4094-1255-5
Descrizione fisica	1 online resource (187 p.)
Altri autori (Persone)	VoogtAlexander J. de D'OliveiraTeresa C
Disciplina	616.9/80213
Soggetti	Air pilots - Psychology Aviation psychology Aeronautics - Safety measures Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Cover; Contents; List of Figures; List of Tables; About the Editors; List of Contributors; Acknowledgements; Introduction: Mechanisms in the Chain of Safety; 1 GAP: Assessment of Performance in Teams - A New Attempt to Increase Validity; 2 The Importance of Prospective Memory for the Selection of Air Traffic Controllers; 3 Analysis of Learning Curves in On-the-Job Training of Air Traffic Controllers; 4 How Cockpit Crews Successfully Cope with High Task Demands; 5 Manual Flying Skill Decay: Evaluating Objective Performance Measures; 7 Anticipatory Processes in Critical Flight Situations 8 Error Detection During Normal Flight Operations: Resilient Systems in Practice9 The Role of GPS in Aviation Incidents and Accidents; 10 Creating Safer Systems: PIRATe (The Proactive Integrated Risk Assessment Technique); 11 Safety Reporting System as a Foundation for a Safety Culture; 12 Conclusions: Extending the Chain; Author

Index; Subject Index

Sommario/riassunto

Contemporary approaches to aviation safety show a dynamic endeavour to identify a variety of components that minimize the emergence of adverse situations. In this process there has always been a strong interrelation between these components and it allows us to talk about a chain of safety. This volume presents the most recent efforts in this chain of safety streaming from both the industry and academia, as well as the future challenges for operational settings.
