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Automation Support for Time-Based Operations in ATC; Optimizing Nightly Schiphol Traffic Through Time Based Operations; Concept of Operations for Air Traffic Management by Managing Uncertainty Through Multiple Metering Points; The Turkish Aviation System and the Strategy of Turkish Airlines; Safety Management as an Aspect of Business Management

Applying Proven Methods in a New Environment: The Case of LEAN in Business Aviation MRO Moonshine: Employee-Involved Workplace Innovation - An Exploratory Study; New Similarity Metric for Mixed Production of Aircraft Assembly; Predicting Foreseeable Uncertainty Using a Value Driven Design Methodology; Value Driven Design in the Presence of Fuzzy Requirements; Development of a Surplus Value Parameter for Use in Initial Aircraft Conceptual Design; Part II. IMAPP; A Maintenance Packaging and Scheduling Optimization Method for Future Aircraft

NFF - Who Is to Be Blamed? Unravelling the Mysteries of NFF An Attempt to Quantitatively Underpin the Rationality of Maintenance Support; Cost-Benefit Evaluation of Aircraft Maintenance Base-Check Downtime and Cost; Development of a Maintenance Decision Model to Optimize for Technical Reliability - A Component Based Approach; Modification and Certification of Research Aircraft; Upgrading a Multi-Mission Research Aircraft; Part III. ComplexWorld; Modelling of Human Performance-Related Hazards in ATM; From Uncertainty to Robustness and System's Resilience in ATM: A Case-Study  
Airport Performance Modeling Using an Agent-Based Approach

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## Sommario/riassunto

Air transport must evolve if it is to optimize its value in the 21st century. The mood in the aerospace industry is positive with regard to economic recovery, but the focus in this transitional time must be on sustaining value, without losing sight of environmental and safety priorities. This book presents the proceedings of the joint conference held in Delft, the Netherlands in June 2012, incorporating the 3rd International Air Transport Operations Symposium (ATOS), the 3rd Association of Scientific Development in Air Traffic Management in Europe (ASDA) Seminar, the 6th International Meeting for Aviation Products Support Processes (IMAPP) and the 2012 Complex World Seminar. The conference brought together over 200 participants from industry and academia, all of whom share the common goal of improving performance and capacity by advancing the efficiency, sustainability and safety of air transport. Presentations at the conference were divided equally between academic papers and more applied industry sessions. The book includes the majority of academic papers presented at the conference, and provides a wide overview of the issues currently of importance in the world of air transport.

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Autore	Yan Yonghong
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Collana	Lecture Notes in Computer Science Series ; ; v.16123
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Sommario/riassunto	This book constitutes the refereed proceedings of the 21st International Workshop on OpenMP, IWOMP 2025, in Charlotte, NC, USA, during October 1 - October 3, 2025 The 14 full papers included in this book were carefully reviewed and selected from 19 submissions.