



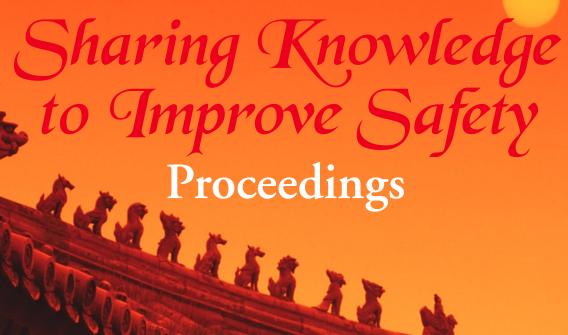


International Air Transport

Association

Flight Safety Foundation

Joint meeting of the FSF 57th annual International Air Safety Seminar IASS, IFA 34th International Conference, and IATA



Shanghai, China November 15–18, 2004









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Sharing Knowledge to Improve Safety

November 15–18, 2004 Shanghai, China

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For Everyone Concerned With the Safety of Flight

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The proceedings of the Flight Safety Foundation 57th annual International Air Safety Seminar (IASS), part of the joint meeting with the International Federation of Airworthiness 34th International Conference and the International Air Transport Association in Shanghai, China, feature presentations on safety issues of interest to the aviation community. All the papers presented here have been reformatted for publication in the proceedings and have undergone minor editing for style. This information is not intended to supersede operators'/manufacturers' policies, practices or requirements, or to supersede government regulations. The Foundation, publisher of the proceedings, is not responsible for errors or omissions.

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Preface

The proceedings of the Flight Safety Foundation (FSF) 57th annual International Air Safety Seminar (IASS), part of the joint meeting with the International Federation of Airworthiness (IFA) 34th International Conference and the International Air Transport Association (IATA), looks at the state of the art in aviation safety practices and technology — and offers glimpses of what may be the state of the art in the future.

We are pleased that the venue of this meeting is Shanghai, China. As many presentations show, the People's Republic of China — through its regulatory system and the initiative of its airlines — has adopted practices that the Foundation has long advocated: a "safety culture" in management, flight operational quality assurance (FOQA), crew resource management (CRM), airport ground accident prevention (GAP) measures and safety audits.

There could be no better illustration of the theme of the meeting, "Sharing Knowledge to Improve Safety." The extraordinary advances made in the Chinese aviation safety community must be credited first to the community itself, but their efforts have been enhanced by the worldwide dissemination of knowledge in the field. Such sharing is at the heart of Flight Safety Foundation's mission, and we are gratified immensely to see that mission in action.

The presentations published in these proceedings represent progress and promise not only from Asia but throughout the world's aviation community. Moreover, as we recognize the industry's accomplishments, we must, as always, remind ourselves that challenges remain.

These proceedings give reason to be optimistic that the best minds in the industry are working to enhance safety. We give heartfelt thanks to the presenters, agenda development committee, sponsors, exhibitors and FSF members for their support of the seminar.

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Stuart Matthews President and CEO Flight Safety Foundation

November 2004

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Exhibitors*













Flight Safety Foundation











International Federation of Airworthiness













Table of Contents

Session I — Global Overview Session Chairman: David Mawdsley, director, safety, International Air Transport Association
Aviation Safety 2004: The Year in Review
Regional Safety Efforts29Kyle L. Olsen, U.S. Federal Aviation Administration
Equipment Damage and Human Injury on the Apron: Are They a Cost of Doing Business? 57 Robert H. Vandel, Flight Safety Foundation
Session II — Safety Information Sharing Session Chairman: Doug Schwartz, aviation director, AT&T Aviation
The FOQA Project in China
Risk Reduction in Worldwide Cargo Operations
CRM in China: Threat and Error in Crew Resource Management
The Protection of Information From Safety Data Collection Systems
Session III — Airworthiness Issues Session Chairman: Brian Perry, vice president, technical, International Federation of Airworthiness
Management Development for All: A Culture Change Experience
How IVHM Is Improving Aircraft Safety and the Role of Modern Aircraft Systems Architectures
Session IV — Technology and Airports Session Chairman: Dr. Ron Yates AM (retired CEO, Quantas Airways), vice president, Australasia International Federation of Airworthiness
Safety, Efficiency and Effectiveness in New Operations With New Technologies: A Flight Deck Perspective 139 Kathy H. Abbott, Ph.D., FRAeS, U.S. Federal Aviation Administration; Capt. John M. Cox, FRAeS, Air Line Pilots Association, International; and Capt. William Syblon, Sierra Flight Operations

The Runway Gerhard Gruber, Vienna (Austria) International Airport	155
Review and Analysis of the Safety Situation of Shanghai International Airport: Views on Strengthening Civil Airport Safety Management Meng Fei and Junqui Luo, Shanghai International Airport	193
Session V — Safety Management Session Chairman: Ho Ching-Sheng (Danny C. Ho), director, Flight Safety Division, EVA Airways Corp.	
Chinese Air Carriers Safety Management System Ma Tao, General Administration of Civil Aviation of China	203
Safety by easyJet, a Low-cost Airline Philippe Pilloud, easyJet	217
A Remarkable Example of Airmanship	247
Top-down Airline Safety Management — How Safety Management Systems (SMS) Enhance Safety and Profitability Joseph Boyd, Richard Clarke, James Stewart and William W. Edmunds Jr., Air Line Pilots Association, International	253
Introduction to the Civil Aviation Safety Management System of China Capt. Huang Suifa, General Administration of Civil Aviation of China	291
Pilot Training or Training Pilots Capt. Larry Rockliff, Airbus North America	297
Session VI — Operations and Training Session Chairman: Capt. Tim Jenkins, general manager, flight safety, Emirates	
Some Advice for TCAS Usage Capt. Igor I. Nikulin, Siberia Airlines	303
Fatigue at the Top of the Drop: Review of a Fatigue Risk Management System in a Commercial Airline Setting David Powell, M.D., Air New Zealand	307
Wet (?) Runway Operation Capt. A. Ranganathan, Oman Air	
Additional Papers	
Evolution of Safety Management in China's Air Traffic Control Safety Risk	

Evolution of Safety Management in Clinia's An Traine Control Safety Risk	
Information Management	
Zou Guoliang, General Administration of Civil Aviation of China (CAAC) and Yan Shaol	
Aviation University of China	

Differentiated Order in the Cockpit Hung-Sying Jing, National Cheng Kung University	
Behavioral Safety: Developing and Sustaining a Safety Culture Through Active Participation of the Work Force Sanjeev Baliyan, Ivan Neo and Chow Hock Lin, SIA Engineering Co.	
International Federation of Airworthiness	
Officers and Vice Presidents	
Trustees	
Executive Council	
International Air Transport Association	
Officers	
Flight Safety Foundation	
IASS Agenda Development Committee	
International Advisory Committee	
European Advisory Committee	
Corporate Advisory Committee	
Icarus Committee	
Board of Governors	
Honorary Advisory Board	