

FORTHCOMING

Improving Air Safety through Organizational Learning Consequences of a Technology-led Model

José Sánchez-Alarcos Ballesteros, Commercial Aviation Pilots Association, Madrid, Spain

Air safety rates have been improving for a long time, demonstrating the effects of a good learning model at work. However, the pace of improvement has almost come to a standstill. This book explains this situation as being the consequence of a development model supported by information technology being introduced as an alternative to human operators and offers a new development model, one that makes strong use of technology but at the same time questions every step and suggests possible ways to recover the lost learning capacity.

Contents: Commercial aviation: a high risk activity; Event analysis as an improvement tool; Safety in commercial aviation: risk factors; Explanation of the reduction in the rate of learning in complex environments; Organizational learning in air safety: lessons for the future; Meaning and trust as keys for the ability for organizational learning; The future of improvements in air safety; Conclusion; References; Index.

September 2007 • c. 230 pages • Hardback • 978-0-7546-4912-0 • c. \$99.95/£55.00

