## Critical Incident Stress Management in Aviation



## Edited by Jörg Leonhardt and Joachim Vogt

'Finally - a major work of applied Critical Incident Stress Management for an industry sorely in need of stress reduction programs.'

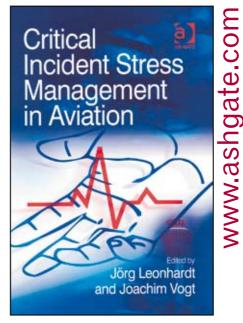
Richard L. Levenson, Jr., Psy.D., C.T.S. Licensed Psychologist, New York State; Editor, International Journal of Emergency Mental Health

Critical incident stress management (CISM) is now a well-established method in crisis intervention, and one that is clearly needed within aviation. However, there are many peculiarities in this branch of CISM which require thorough consideration.

People working in high-reliability environments need to be sensitive to others' reactions to critical stress. They are the normal reactions of normal people in abnormal situations. However, to ensure this a proper programme must be put in place, based on a scientific and standardized approach. This book describes the various methods and elements of the CISM model, as well as their interventions. It also investigates the benefits of CISM on the individual level and on an organisational strategic level. It details CISM training and courses, and features a case study based on the Überlingen accident of 2002.

Critical Incident Stress Management in Aviation will be of direct relevance to human factors experts, safety managers, ATCOs and air navigation service providers, though there is also much that will be of interest to aviation physicians, psychologists and airport/airline managers.

## New



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About the Editors. Jörg Leonhardt has been working for the German Air Traffic Control Services (DFS) since 1997. His main responsibilities are Critical Incident Stress Management (CISM) and Human Factors in the Safety Management Division. Joachim Vogt is Associate Professor for Work and Organisational Psychology at Copenhagen University. He is a Fellow of the German Psychology Association, the British Association of Cognitive Neuroscience, and the European Association for Aviation Psychology.

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Contents: Introduction, Joachim Vogt and Jörg Leonhardt. Importance of CISM in modern air traffic management (ATM), Ralph Riedle; Critical incident stress management in aviation: a strategic approach, Jeffrey T. Mitchell; Critical incident, critical incident stress, post traumatic stress disorder – definitions and underlying neurobiological processes, Jörg Leonhardt and Joachim Vogt; Critical incident stress management intervention methods; Jörg Leonhardt; A brief history of crisis intervention support services in aviation, Jeffrey T. Mitchell; Critical incident stress management in air traffic control

(ATC), Jörg Leonhardt; Critical incident stress management in airlines, Johanna O'Flaherty; Critical incident stress management at Frankfurt Airport (CISM Team FRAPORT), Walter Gaber and Annette Drozd; Case study Lake Constance (Überlingen), Jörg Leonhardt, Carol Minder, Sabine Zimmermann, Ralf Mersmann and Ralf Schultze; Training in critical incident stress management – principles and standards, Victor Welzant and Amie Kolos; Cost benefit analysis of a critical incident stress management program, Joachim Vogt and Stefan Pennig. Appendices. Index.

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