

# Michael Hall

Associate, R2A Pty Ltd

## Personal Data

Bachelor of Engineering  
(Mechanical)  
(Honours), University  
of New South Wales, 1991

Master of Science in Aerospace  
and Mechanical Engineering  
(Reliability Engineering), University  
of Arizona, 1992

Passed Staff College (psc),  
Australian Army Command and  
Staff College, 1998

Master of Defence Studies,  
Canberra University, 1998

Certified Practicing Logistician  
(CPL), International Society of  
Logisticians (SOLE), 2004

## Profile

As a senior associate with R2A, Michael is applying his theoretical and practical reliability engineering, logistics and management knowledge to further develop aspects of the R2A System of Work. He will participate in briefings and workshops on Availability Profiling and research refinements of this process, including development of software tools.

His previous involvement with traditional risk management techniques has made him wary of blind adoption of numerically based risk management, and he is a firm convert to the R2A System of Work.

Michael has reviewed driver notification procedures to be followed on failure of a single light in a signal on the Melbourne suburban rail network, and has participated in a review of the VICERS project for the Victorian Department of Transport.

## Experience

During a 25 year career as an officer in the Australian Army, Michael occupied a succession of maintenance management, maintainability and engineering management, and logistic training positions. Combined with formal training and experience in Reliability and Maintainability Engineering, this has given him a strong interest and knowledge in technical, logistics and project management. Previous roles and responsibilities include:

Chief Engineer, Overlander Program, Defence Materiel Organisation (DMO). Overall responsibility for all technical issues for a \$3 billion+ program replacing all the Australian Army's non-combat wheeled vehicles. Successfully led the DMO negotiation team responsible for the technical aspects of the \$300 million+ light vehicle replacement component.

Senior Instructor, Logistic Executive Development Course, US Army Logistics Management College. Responsible for all training delivery and assessment and student management on the US Army's senior logistic training course. Also passed SOLE examinations and qualified as a Certified Practicing Logistician.

Manager Army Implementation, Australian Army Directorate of Technical Regulation. Major role in the development of the Australian Army Technical Regulatory Framework (TRF), and responsible for TRF implementation in all Army units. The TRF was designed to ensure the safety, fitness for service and environmental compliance of all ADF land material, applying the minimum necessary management processes to achieve this.

Senior Adviser, Reliability, Availability and Maintainability, Australian Army. Responsible for Reliability and Maintainability advice to in-service maintenance management staff and organisations and to equipment acquisition organisations. Produced policy and advice applying to all, aspects of Reliability and maintainability management.

