

Summary

Andrew has a passion for helping people understand risk, the heart of which stems from the near loss of over 400 lives in a near catastrophic accident on the 28th June 1999. That fateful day brought realisation that no matter where we work within a safety critical industry we have to be able to say that we made the best decisions we could using all the information available to us. It was from that start, as a design engineer at British Airways, that his journey has led on through Accident Investigator and Safety Manager roles in British Airways, Head of Risk Analysis and Head of Safety Strategy roles in NATS (the UK air traffic service provider) and now to his own company ([Llanbury Consulting](#)). Andrew's work through Llanbury Consulting allows him to focus that passion for the understanding of risk and to take it on beyond the aviation domain.

Through Llanbury Consulting Andrew works extensively, and internationally, in the risk domain. His focus is on developing abilities in organisations to understand, measure and communicate risk. As the co-founder of the ARMS (Aviation Risk Management Solutions) Working Group, Andrew continues to work internationally on the definition of common approaches to the measurement of risk. Andrew works with organisations to help them see that all risk management is a forward looking exercise and to seek the benefits of bringing risk performance monitoring activities together with traditional, and innovative, risk assessment techniques. One of the key aims of Llanbury Consulting is to help organisations develop efficient ways to turn data into knowledge and then use innovative ways to communicate that knowledge to empower individuals to make the very best risk management decisions. Ultimately the key to a safer and more efficient business lies in the effective understanding of risk by those responsible for day to day operational delivery.

Andrew is a Chartered Engineer with the Institute of Measurement and Control.

Background

Director and Principal Consultant – Llanbury Consulting Limited, (Sep 01 to present)

- Andrew advises a range of organisations on all aspects of risk management and most specifically in developing effective risk knowledge. Key customers include national & trans-national aviation regulators, airlines, airports, air traffic service providers and organisations across the wider safety critical industry, with services as diverse as training, risk consulting, risk assessment and safety system specification and implementation.

Head of Safety Strategy Development – Division of Safety, NATS, (Dec 09 to Dec 11)

- Andrew's role was to develop the ideas and strategies to help NATS improve its understanding and management of safety and operational risk. Andrew interfaced with a wide cross section of the organisation, and industry, to develop and implement the use of operational risk based information and metrics.

Head of Operational Risk Analysis – Operational Analysis, NATS, (Dec 07 to Dec 09)

- Andrew ensured that NATS had the best possible operational risk information and analysis to support risk management activities both across the organisation, and the wider aviation domain.

Air Safety Manager – Safety Services, British Airways, (Jun 01 to Dec 07)

- Andrew acted as a corporate consultant on the development of safety management particularly with regard to risk identification and tracking. Andrew represented the Airline in industry forums on risk, reported to the Executive with regards to safety matters and lead incident investigation and response teams.

Standards Design Engineer - Quality, Standards and Design, British Airways, (Jul 96 to Jun 01)

- Andrew maintained primary design responsibility for avionic systems including UK CAA delegated design approval and chairing international industry forums on surveillance and collision avoidance.

Senior Development Engineer - B747/757/767 Avionics, British Airways, (Aug 92 to Jul 96)

Apprentice and then Undergraduate Engineer - Engineering Training, British Airways, (Aug 88 to Jul 92)

Education- MEng in Control, Instrumentation & Systems Engineering - City University, London, (Sep 88 - Jul 92)

BTEC National Certificate Aeronautical Engineering Skills, Southall College of Tech, (Sep 86 - Jul 88)

MA in Kingdom Theology, University of Chester, (Sep 15 - present)

Andrew has participated in a wide range of management training courses and actively looks to those around him to guide him in a professional and personal capacity. He is well known and respected within the aviation risk field and considers continual sharing of knowledge and the challenge of learning more are keys to progress.

Andrew strongly believes in making a difference in any task he undertakes and his fundamental strengths of creativity, innovative thinking and the courage to believe that you can change things are the hallmarks of the impact he has made during his career.