

Human Factors Group: Engineering Conference



ROYAL  
AERONAUTICAL  
SOCIETY

# “THE WAY WE DO THINGS AROUND HERE”

CULTURE IN THE AVIATION MAINTENANCE  
AND ENGINEERING ENVIRONMENT

CRANFIELD / 8 MAY 2013



Sponsored by:



World Leaders in Aviation Safety



AIRCRAFT ENGINEERING



## A ONE DAY CONFERENCE

# “THE WAY WE DO THINGS AROUND HERE”

## CULTURE IN THE AVIATION MAINTENANCE AND ENGINEERING ENVIRONMENT

Culture is a term that nearly everyone uses, but few can agree upon its precise meaning, or how it can be measured. One thing that is agreed upon, however, is its potential impact on the safety performance of an organization. There are an abundance of definitions in social science literature ... which taken together do suggest two sub-divisions. The first comprises the beliefs, attitudes and values (often unspoken) of an organization's membership. The second is the more concrete structures, practices, controls and policies of an organisation.<sup>1</sup>

This Conference is all about exploring the criticality of culture, some of the key issues and how addressing culture becomes a positive force for improvement in any organization. Civil, military and other complex environments will all feature as we explore and explain “the way we do things around here” from an aviation engineering and maintenance perspective.

<sup>1</sup> Managing Maintenance Error – James Reason & Alan Hobbs



### VENUE

Vincent Building,  
Cranfield University, Cranfield,  
Bedfordshire, MK43 0AL  
Directions: <http://www.cranfield.ac.uk/locations/cranfield/index.html>

### WHO SHOULD ATTEND

This conference will appeal to any involved or interested in improving the safety performance of their organization through cultural initiatives. It will be of particular interest to those in the aviation maintenance and engineering community.

### Sponsored by:



#### Proceedings

Proceedings from this event are free to delegates. If you are unable to attend and would like to purchase a copy, then additional copies can be purchased from the Royal Aeronautical Society or by completing the registration form below. Information on past

conferences can be found at [www.aerosociety.com/proceedings](http://www.aerosociety.com/proceedings).

#### Sponsorship & Exhibition

Please contact the Conference & Events Department for details on exhibiting, sponsorship and insertion of information into delegate packs.

#### Cancellations

In the event of cancellation, terms and conditions will apply. Please go to [www.aerosocietychannel.com](http://www.aerosocietychannel.com) for more details.

FOR MORE INFORMATION AND TO REGISTER [www.aerosociety.com/events](http://www.aerosociety.com/events)

# PROGRAMME – 8 MAY 2013

09:00 **Registration**

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09:20 **Opening Welcome**

*Andy Ebdon, Chairman Human Factors Group: Engineering, Royal Aeronautical Society*

09:30 **What is Culture?**

*Prof Graham Braithwaite, Head Department of Air Transport, Cranfield University*

10:00 **What is Going on Out There?**

*Keven Baines, Managing Director, Baines Simmons Ltd.*

10:30 **Networking Break for Coffee**

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11:00 **Influencing Culture in Design**

*Doug Owen, Principle Consultant, LR Scandpower Ltd*

11:30 **Culture Issues in Another Complex Industry**

*Martin Bromiley, Founder and Chairman, Clinical Human Factors Group*

12:00 **Discussion Panel**

12:30 **Networking Lunch**

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13:30 **An Engaged Culture: Reality and Rhetoric**

*Air Cdre Robbie Noel, Assistant Director Joint Commitments Air, Ministry of Defence & Dr Mandy Walker, Managing Director, QI Results*

14:00 **The Way We Do Things Around Here and There and Around the Globe**

*David Sidaway, Head of Manufacturing Engineering, Rolls-Royce, Gas Turbine Services*

14:30 **Networking Break for Coffee**

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15:00 **Doing it for Real**

*Mick Adams, Managing Director, Monarch Aircraft Engineering Ltd.*

15:30 **Discussion Panel**

16:00 **Close of Conference**

