



Aviation Safety Evening

Wednesday 30th July, 2014 commencing 17:30 hours **SHARP**

Farrell Lecture Theatre, PNR Building, University of Sydney

Refreshments will be available from 17:00 hours

Attendance for the evening will attract 2 CPD hour.

Panel Discussion at 18:30

“Contemporary Aviation Safety Issues”

Panel facilitated by Doug Nancarrow MRAeS, Editor Aviation Business

Capt Ian Watkins: Retired Supervisory Training Captain and Mgr Flight Simulators, Qantas.

Adam Burford: Managing Director of Air Traffic Systems at Thales.

Roger Chambers: Manager Sydney Region, CASA Sydney Regional Office

John Vincent: Most recently Head of Quality and Risk at Qantas.

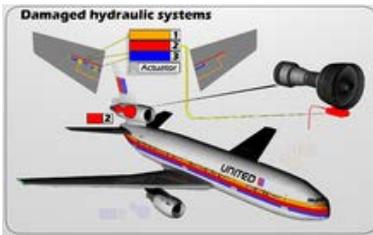
Light supper will be available at the completion of the Panel Session

Preceding the Panel commencing 17:30 sharp

Mr Roger Chambers,

Manager Sydney Region, Operations Division, CASA

" Teamwork – implications for Safety Management "



Synopsis: On 19 July 1989 United Airlines Flight 232 experienced loss of all hydraulic systems as a result of the catastrophic failure of the number 2 engine. The crew and a check captain who was a passenger on the aircraft worked together as a team to exert a semblance of control over the aircraft despite not having been trained for the specific event, and subsequently made a somewhat controlled landing at Gateway Airport, Sioux City, Iowa. Despite the loss of 111 passengers and crew, 185 persons survived this

event thanks to the teamwork of the crew.

On 1 June 2009, Air France Flight 447 experienced inconsistencies in air speed measurement over the Atlantic Ocean as a result of the pitot tubes being obstructed by ice crystals. The crew reacted incorrectly and ultimately the aircraft entered an aerodynamic stall which was not recovered. Tragically 228 persons lost their lives.

The aviation system comprises of many teams and sub-teams. Whether it be 2 pilots and the cabin crew of an airliner, the maintenance team undertaking base maintenance, catering team re-supplying an aircraft, commercial team developing new routes, or senior management positioning the company for future opportunities; the functioning of each team and between teams has an influence on safety of the operation. Roger Chambers will be presenting a seminar about team factors, the opportunities to harness those factors to improve safety within the an organisation through the Safety Management System, and the hazards that can manifest within and between teams that history shows can lead to incidents and accidents. Roger will also provide an update about safety promotion material that has been developed by CASA in the past 18 months that is now available for industry. CASA Safety Promotion staff will be on hand to provide safety materials to participants.





Doug Nancarrow MRAeS: is the editor of Aviation Business magazine. He has been involved in journalism for more than three decades, including a period as European correspondent for *The Australian* newspaper, based in London. He is also executive chairman of *Safeski*s Australia.



Roger Chambers has been a licenced aircraft engineer in military and general aviation, and involved training, safety and projects including the introduction of the C130J Hercules to service and the early phase of the A330 Air Refuel project. Since joining CASA Roger has held a number roles including airworthiness inspector, safety systems support for airworthiness and for the past 4 years as the Regional Manager for Sydney Region.



Adam Burford is Vice President and BU Managing Director, Air Traffic Management for Thales Australia. Adam is responsible for more than 300 highly skilled individuals designing and delivering advanced Air Traffic Management systems in Australia and around the world. Adam graduated with a Degree in Electronic Engineering (Honours) from University of South Australia in 1993 and a Graduate Diploma of Business Management from Monash University in 1999. In 2013 he was appointed Chairman of the Aviation Aerospace Association of Australia.



John Vincent BE, FRAeS, GAICD: is an Aeronautical Engineer whose career spans more than 40 years with large airlines' engineering and maintenance departments where he worked in technical services and in senior engineering, maintenance, fleet, safety, quality and risk management roles. He was the Qantas technical representative at Boeing and managed the engineering and maintenance businesses of Air Pacific, Ansett and Qantas Airways. He has now retired from and is an executive consultant providing services to the aviation and broader engineering industries.



Capt Ian Watkins FRAeS FCILT FAIN MAP: Following engineering studies at RMIT, Ian was selected on the first Qantas Cadet Pilot Course in 1965. He flew international routes with Qantas for over 40 years. Positions held with over 20 years in Flight Training Management include Senior Training Captain B747, Senior Training Captain B767, Manager Flight Simulators. In his five years prior to retirement he flew the Airbus A330. Ian is a previous Chairman of the RAeS Sydney Branch and is a Council member and a Past President of the RAeS Australian Division.

Parking: is available in the Sheppard Street multi-story car park, located on the corner of Cleveland St and Shepherd St. The rate is \$2 per hour (up to \$6 maximum), but note that only gold coins are accepted in some machines. Parking is also available in University of Sydney On-Campus Parking for \$2 per hour (up to \$6 maximum). Additionally, free parking is available in surrounding streets. Please observe parking restrictions and allow time to drive to the University of Sydney, park, and walk to the venue.

Public Transport: The closest train station is Redfern station, which is a 10 minute walk away from the venue. Buses 422, 423, 426, 428, 370 and 352 all go past the University of Sydney (on City Road). From Railway Square near central station any 42X bus (e.g. 422, 426...) and the M30 will take you to the University. These buses come quite frequently at that time of night (every 2-5 minutes). But allow time to travel by public transport, including waiting time, and time to walk to the venue.

RSVP: Registration for the presentation is essential. Please register by clicking on this link: <https://raesjul14.eventbrite.com.au> Your registration will be confirmed by email with an attached ticket. **You must print the ticket and present the ticket at the door to gain entry to the event.**

Please note: Non members should enter the code **NM** if requested to enter a RAeS membership number.

Diary: 27th August: Group Captain John Ibbotson will be speaking on the F-35's capabilities, and the history/structure of Australia's Joint Strike Fighter program. The presentation will be entitled 'Australia and the F-35 Lightning II'

7-12 Sept: ICAS 2014 being held in St Petersburg. Refer: www.icas2014.com/ for further details.

24-26 Sept: Asia-Pacific International Symposium on Aerospace Technology (APISAT) in Shanghai. For details refer: apisat2014.csa.org.cn

1 Oct: Sir Charles Kingsford Smith Lecture to be delivered by Margaret Staib, CEO of AirServices followed by the Annual Branch Dinner to be held at Club Burwood, 96 Shaftesbury Road, Burwood, NSW. Further details to follow.

29 Oct: Delivering the CASA Regulatory Review by David Forsyth – Chairman of the Review Panel.

26 Nov: Student event

10 Dec: Annual General Meeting

24 Feb-1 March, 2015: Australian International Airshow and Aerospace & Defence Exposition, Avalon. Refer for further details: <http://www.airshow.com.au/airshow2015/TRADE/index.asp>