

# Continuing Professional Development Certificate

## CSI for air accidents

**Date:** Wednesday 25 January 2017

**Time:** 1.15pm - 2.00pm

**Speaker:** Paul Jenkins, Senior Vice President, J2 Aircraft Dynamics

In this IIL lecture Paul Jenkins talked about how the application of an existing technology to forensic air accident investigation and analysis has enabled more detailed examination of air accidents to be delivered quicker and more accurately than ever before.

Members learnt about those elements of air accidents that are often argued out on opposing opinions, without recourse to data and how this is already changing in the UK and the USA. Using case studies members saw at first-hand what can be gleaned from limited crash site data and how this data can be used and analysed forensically expanding the understanding and knowledge about an accident and clues to the most likely cause but also what is most unlikely to have contributed to or caused the accident. Aero modelling in air accidents has historically been regarded as prohibitively expensive. This lecture examined what can now be achieved and what it can uncover for investigators, lawyers and insurers in understanding likely outcomes as well as assessing strengths/ weaknesses of any claims or legal cases ensuing. The technology was used in the Rogers v Hoyle (Tiger Moth) case and it changed the landscape. The lecture demonstrated how such tools are used and what can be uncovered and how the work done on one case can materially be used on any subsequent incident involving the same aircraft.

By the end of this lecture members would have gained an insight into:

- How new investigative technology can add fidelity and surety to opinions and conclusions.
- How the application of new technology in air accident investigation is no longer time and/or cost prohibitive
- How the industry can re-use model data for investigative work on subsequent events involving the same aircraft type.



This lecture or podcast can be included as part of your CPD requirement should you consider it relevant to your professional development needs. It is recommended that you keep any evidence of the CPD activity you have completed and upload copies to the recording tool as the CII may ask to see this if your record is selected for review.