

**RAeS Hamburg in cooperation with the DGLR, VDI, ZAL & HAW invites you to a lecture**



## Annual Gerhard Sedlmayr Lecture

### Delivering Safety Safely: Proportionality and Pragmatism

**Helen Summers, MSc, CEng, MRaES, Principal Safety Consultant at SQEP Ltd**

**Date: Tuesday 11 November 2025, 18:30** *(light refreshments available from 18.00 and there will be a get-together with refreshments after the lecture)*

**Location: Goldene Zeiten, Harvestehuder Weg 48, 20149 Hamburg**  
**(in-person only – not online!)**

*(If you wish to attend, please register online or send a mail to Susanne Altstaedt,*

What is safe? Most programmes nowadays are multi-national and sometimes the design is not conducted in accordance with recognised standards. In the modern (post Haddon-Cave) era of Type Certification and regulation, how do we deliver a safe FMS programme for a new, but 60-year-old capability, accommodating new technology and systems without asking everyone to start from scratch?

In this lecture, as well as considering the philosophy of safety delivery, I will look at how we are developing the equipment contribution to the Air System Safety Case for the new Chinook H47 (Extended Range) helicopter for the RAF to enable our Chief Engineer to understand and transfer risk to the ultimate risk taker. The presentation will look at the drive for proportionality and pragmatism whilst retaining appropriate levels of rigour, and why that matters.



*A Royal Air Force Chinook Mark 6 helicopter takes its first flight at RAF Odiham. © Crown copyright  
<https://www.defenceimagery.mod.uk>*

*Helen is currently a Principal Consultant at a small, specialist consultancy firm, SQEP Ltd, where she is the Head of Area for Safety, Environmental and Human Factors disciplines. A former RAF Engineer Officer, she spent nearly 25 years in the RAF and Civil Service, working in both engineering and programme management, on multiple equipment types (Tristar, Hercules, Nimrod, Eurofighter, Communications and Complex Weapons) as well as having been responsible at a departmental level for Safety, Environment and Quality Assurance.*

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