

## Mr John Thompson



- Chartered mathematician [2000]
- Fellow of the Institute of Mathematics & its applications.
- Chartered scientist [2005].
- BA degree [O.U. maths & stats 1982].

John started his career as a aircraft electrical apprentice for the UK MoD at Royal Aircraft Establishment Bedford. After this technical training he moved to civil airline engineering maintenance for Monarch Engineering at Luton airport. After a few years he moved to Hunting Engineering LTD ampthill beds. As a reliability engineer on free fall weapon systems. His next move was to British Aerospace at Hatfield as a reliability engineer on advanced air to air missiles.

He moved to Agusta Westlands in 1987 as a reliability engineer to work on the AW101 Merlin helicopter. During his time at Agusta Westlands john moved to the logistic modelling department. Where he developed a event simulation model {HALOS helicopter availability logistic Operations simulation}. This model has three main elements of Repair Loop, Helicopter operations & Costs [repairs & spares]. And combines all three to produce cost of performance.

His main focus over the last few years has been to develop models for failure modes other than 'random' type failures. i.e. Design-manufacture etc. He retired from Agusta Westland in 2009 and in April 2010 joined the MIRCE Akademy as a Science Fellow.