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**ROYAL
AERONAUTICAL
SOCIETY**

***Farnborough Branch
Lecture***

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Templer Lecture

Tuesday, 16th April 2024 at 7.30pm

Farnborough College of Technology, Westminster Theatre

Modern Aircrew Escape Systems Challenges & Solutions

Mr Philip Rowles BEng (hons) CEng FRAeS

Vice President of Engineering, Martin-Baker Aircraft Company Limited



Martin-Baker is the world's leading supplier of aircrew escape systems, having supplied 53% of the ejection seats currently in service globally, and having saved over 7700 aircrew lives since the first life saved in 1949.

This lecture will include an introduction to the company and its history before focussing on the key challenges of aircrew emergency escape systems, and the solutions employed in modern systems.

Philip Rowles is a Fellow of the society and chartered Engineer with a bachelor's degree in aerospace engineering. He has accumulated 30 years of experience across a broad range of aerospace systems including satellite structure and payloads, weapon carriage and release, hydraulic power, actuation, and flight control systems. Philip joined Martin-Baker as Chief Engineer in 2015 before moving to his current role in 2018.