

eVTOL aircraft certification

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Short bio

Kirsten has over 25 years' experience in both the operational and regulatory areas of aviation, including safety and risk management. She started her career with British Airways, as a station duty manager and dispatcher before joining the UK Civil Aviation Authority in 2005. She headed up the Aerodrome and Air Traffic Standards Division, responsible for setting policy and providing effective, risk-based and proportionate oversight to aerodrome and ATS providers and their related activities.

Kirsten served as member of the ICAO Air Navigation Commission from 2015-2018, including as the First Vice President and the alternate Council Member for the United Kingdom on the ICAO Council. This enabled her to have a good appreciation and understanding of the inter-dependencies within the aviation system. Since her return she has been the Head of Strategic Relationships in the CAA's International Group and is now the Advanced Air Mobility Challenge lead in the Innovation Team. In this

role Kirsten is coordinating and championing the UK CAA's readiness to enable commercial eVTOL operations in the UK.

Abstract

This presentation will cover the CAA's general approach to enabling eVTOL operations in the UK by 2025, including vehicle certification but also how other aspects of certification/approvals need to tie in to this (e.g. infrastructure, pilot competency, engineering competency, UTM etc.). This will cover:

- CAA's structure of Innovation
- How we engage and work with UAM Innovators, including hand-off between the Innovation team and the regulatory teams (no conflict of interest)
- Work strands and gaps
- Working with other regulators - how can we explore synergies and make best use of our combined experience, and limited resources.