

Patrick Logan MSc MA

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A highly experienced aviation professional specialising in flying training and regulation with a proven track record of delivering innovative solutions to complex challenges, successfully managing large capital projects, and working with a broad range of stakeholders to manage programme and commercial risk. Leading expert in aviation regulation, specializing in UAS and the creation of innovative solutions to deliver proportionate assurance. Experienced in training design and delivery, strategic planning, organisational transformation, acquisition, safety governance and management. Experienced in financial programming, contract and risk management.

Recent Achievements

- Wrote and implemented new regulation for military-regulated drones, including the production of a comprehensive manual, enabling safe introduction of new technology with greatly improved simplicity.
- Led MOD innovation in flying training, delivering students to the front line in under half the time and ensuring vital UK output in support of multi-national collaborative project.
- Successfully delivered £3.2bn MOD transformation of initial military flying training, working with industry to manage programme risk.
- Led Directorate of Flying Training response to COVID, working with industry and flying training schools to ensure resilience and maintain output.
- Despite significant resource constraint, and inheriting a programme that was significantly delayed, successfully delivered training solution for the Army's new reconnaissance helicopter on time.

Professional Experience

UAS Capability Manager, Babcock International Group Jun 24 - present

Deputy Head Operating Assurance, Military Aviation Authority (MAA) Jul 20 – Mar 24

- Reacting to an urgent requirement to operate a novel air system in UK airspace that would normally require 6 months to approve, worked with stakeholders at the highest levels of Defence to propose a novel regulatory approach and secure agreement from Secretary of State, enabling first flight in under 1 week.
- Completed comprehensive review of UAS regulation, delivering substantially revised regulatory set and manual in half the normal time, ensuring more proportionate regulation.
- Successfully led first cross-regulator audit of major Defence organization, coordinating contributions of diverse teams to deliver rigorous and effective assurance.
- Mentored senior risk owners through complex air safety challenges to deliver operational output.
- Successfully led team of 30 through COVID lockdown, implementing agile solutions, to ensure resilience of MAA assurance.
- Designed and delivered training solution delivering significant improvements to the assurance of aviation operations.

Assistant Director, Directorate of Flying Training Jul 17 – Jul 20

- Worked collaboratively with industry service provider, identifying and mitigating risks, to deliver generational £3.2bn transformation of flying training, ensuring delivery of required output of trained pilots within resource constraints.
- UK National Rep on ENJJPT. Successfully negotiated UK return as active participant.
- Against tight timelines, secured funding and endorsement for participation in US flying training experiment. Created bespoke selection of students and managed relationship with US Air Force to deliver pilots to front-line units 2 years ahead of schedule – halving the time in training.
- In response to contractor-led delays, identified spare training capacity with US Army, successfully argued for funding and delivered initial training to helicopter pilots, improving annual throughput by 15%, ensuring output to front-line units.
- As contract lead, let and managed contract to deliver 60% increase in throughput of trainee multi-engine pilots, including acting to successfully address contractor underperformance.

Classification:IN-CONFIDENCE

Chief of Staff, Military Aviation Authority Jul 16 – Jul 17

- Wrote and implemented effective Risk and Opportunity Management Plan
- Successfully led multi-disciplinary team to manage infrastructure, IT, personnel management and finances of organization charged with the regulation of military aviation.
- Planned and implemented major restructuring to improve quality of output whilst delivering 20% reduction in headcount.
- Introduced effective financial management procedures to bring organisational expenditure within challenging budgetary controls.

Career Management Team Leader, Army Personnel Centre Jun 15 – Jul 16

- Delivered most significant change in AAC career structures in a generation to improve retention and optimise utilisation of Army pilots.

Commanding Officer, Wildcat Implementation Team Jan 13 – Jul 15

- Led team of 100 helicopter instructors, engineers and groundcrew to successfully bring the Army's newest helicopter into service on time.
- Despite supplier delays, developed and delivered the initial course for role conversion onto the Army Wildcat reconnaissance helicopter.
- Established new role of Chief of Staff of the Aviation Reconnaissance Force, set up new headquarters with 20 staff, and provided assurance of safe delivery of flying operations on 7 aircraft marks across 4 bases.

Resource Programmer, Defence Equipment and Support, Jan 10 – Dec 12

- Provided effective assurance to Finance Director that financial planning for programmes totalling more than £100Bn in value was accurate and in accordance with both front-line requirements and Defence policy.
- Wrote and implemented policy for financial risk management.
- Trusted financial advisor to DE&S Board Member.

Special Operations Lead, Joint Helicopter Command Dec 08 – Dec 09

- Coordinated industry, MOD and Army teams to deliver new helicopter capability.
- Provided accurate and reliable advice to senior leadership regarding operations in Afghanistan and Iraq.

Army Air Corps Helicopter Pilot Nov 87 – Aug 07

- Operational leadership experience in Northern Ireland, Bosnia and Afghanistan including command of military base.

Qualifications and Professional Development

- 2023 Director Development Programme
- 2023 ISO 9001 Audit Team Leader
- 2012 Diploma in Programme and Project Management, Cranfield University
- 2002 Advanced Command and Staff College – ranked in top 5%
- 2002 MA Defence Studies, Kings College London
- 2001 MSc Military Technology, Royal Military College Shrivenham
- 1991 BSc Operations Engineering (1st Class Hons) Exeter University

Interests

- Sports Administration: Vice-chair of UK Armed Forces Cricket. Wrote and assured safety management plan ensuring Cricket was the first sport to achieve compliance with MOD policy.