

Whitepaper: UK CAA Part-CAMO Safety and Human Factors Bridging Requirements

EXECUTIVE SUMMARY & REGULATORY CONTEXT

Operational Overview

The division of aviation safety oversight following the UK exit from the European Union established two distinct regulatory environments under EASA and the UK CAA. For Continuing Airworthiness Management Organisations (CAMOs), this separation requires continuous compliance verification across overlapping operational jurisdictions.

While core technical regulations remain structurally similar, the UK CAA enforces specific oversight expectations under UK Regulation (EU) No 1321/2014 and guidance material GM2 CAMO.A.305(g). Continuing airworthiness management personnel must maintain verifiable, context-specific competence in UK safety trends, mandatory occurrence reporting, and national investigation lessons.

Dual Regulatory Compliance Baseline

EASA Part-CAMO Baseline (Initial / Recurrent HF) + UK CAA Bridging Module (GM2 CAMO.A.305(g)) = Fully Validated UK CAA & Cross-Border Compliance Scope

Regulatory Framework Comparison

- **EASA Framework:** Governed by EU Regulation 1321/2014; focuses on EASA Member State oversight, standard AMC/GM materials, and EASA safety bulletins.
- **UK CAA Framework:** Governed by UK Regulation (EU) No 1321/2014; enforced via GM2 CAMO.A.305(g); requires active ingestion of UK CAA audit trends, AAIB bulletins, and UK Mandatory Occurrence Reporting (MOR) parameters.

TECHNICAL RISK VECTORS IN AIRWORTHINESS MANAGEMENT

Failure to maintain context-specific Human Factors and SMS training creates systemic risk vectors across airworthiness management workflows:

- **Maintenance Planning & Task Card Design:** Human error in interpreting airworthiness limitations, structural repair manuals, or Airworthiness Directives (ADs) can introduce latent hazards into maintenance schedules.
- **Airworthiness Review & Certificate Issuance:** Compliance oversights or cognitive bias during physical and document inspections jeopardize Airworthiness Review Certificate (ARC) validity.
- **AAIB Disconnect:** Isolating internal safety risk management from external AAIB maintenance accident findings leads to repeated organizational error patterns.
- **Mandatory Reporting Gaps:** Weak understanding of UK MOR protocols suppresses safety reporting rates, impairing organizational safety performance monitoring.

FINANCIAL AND LEASE TRANSITION PROTECTION MATRIX

Risk Vector	Exposure / Vulnerability	Financial & Operational Impact	Mitigation Strategy
Non-Compliant Credentials	Relying on un-bridged EASA certificates for UK Part-CAMO staff	Audit non-conformity findings, potential suspension of ARC recommendation privileges	Deploy targeted GM2 CAMO.A.305(g) bridging training for all CAMO personnel
Technical Records Errors	Human error in airworthiness status logging or back-to-birth traceability	Lease return delays: \$2.0M (Narrowbody) to \$4.5M (Widebody) exposure	Embed rigorous HF records verification modules into recurrent training
Systemic Safety Hazards	Ineffective SMS performance tracking and reporting suppression	Increased incident rates, heightened UK CAA regulatory scrutiny	Align internal reporting culture with UK MOR expectations and performance metrics

WORKFORCE SKILL MATRIX & IMPLEMENTATION CHECKLIST

Target Qualification Requirements

Target Role	Primary Competence	Bridging Requirement
CAMO Postholders & Managers	SMS Oversight	Required
Airworthiness Review Staff (ARS)	Aircraft Audit	Required
Maintenance Planners & Engineers	Task Management	Required
Technical Records Specialists	Data Traceability	Required
Quality & Compliance Auditors	System Verification	Required

Actionable Implementation Checklist

- Step 1: Audit Current Credentials: Review training files for all CAMO personnel to verify valid baseline EASA Part-CAMO Human Factors certificates.
- Step 2: Identify UK Scope: Map personnel supporting UK-registered aircraft or working under UK CAA Third Country approvals.
- Step 3: Deploy Bridging Modules: Enroll targeted staff in the UK CAA Part CAMO Safety and Human Factors Recurrent Training Bridging Module.
- Step 4: Verify Assessment & Pairing: Ensure successful completion of the 10-question assessment (70% pass threshold) and pair certificates with primary EASA records.
- Step 5: Integrate Enterprise Tracking: Update organizational qualification management systems or integrate via Sofema Altitude to maintain continuous compliance visibility.

TECHNICAL TRAINING OVERVIEW & ENTERPRISE INTEGRATION

Course Technical Specification

- Official Title: UK CAA Part CAMO Safety and Human Factors Recurrent Training Bridging Module (with Voiceover)

- Access Mode: Individual online enrollment or Enterprise LMS integration
- Duration: Equivalent to 1-hour classroom instruction
- Cost: 37.50 EUR per delegate
- Assessment: 10 Multiple Choice Questions (70% passing threshold)
- Certification Basis: Compliant with UK Regulation (EU) No 1321/2014 and GM2 CAMO.A.305(g)

Enterprise LMS Integration via Sofema Altitude

Sofema Aviation Academy provides scalable enterprise training solutions designed to streamline regulatory compliance across commercial operators, MROs, and CAMO organizations worldwide. Through Sofema Altitude, enterprise clients gain:

- Automated workforce progress tracking and automated renewal notifications.
- Seamless LMS integration for centralized compliance management.
- Enterprise volume pricing structures and corporate administrative controls.

To streamline your organization's compliance architecture or enroll technical personnel, contact the enterprise support team at team@sassofia.com or visit www.sofemaaviation.com.