

Supporting NAAs worldwide to create a flying world fit for the 21st Century



How we support National Aviation Authorities

Working closely with Government organisations and National Aviation Authorities (NAAs) throughout the world, CAAi provides guidance and advice across the entire spectrum of regulation including,

- Technical support programmes to promote and improve global safety standards
- Guidance on technical procedures in all areas of aviation regulation and oversight
- Advice and support on ICAO Universal Safety Oversight Audit Programme (USOAP)
- Organisational restructuring to improve safety oversight
- Enhancing institutional capability and capacity
- Implementing ICAO/EASA standards and recommendations
- Provision of Training Needs Analysis (TNA), training plans and appropriate training courses
- Training consultancy services to address technical and nontechnical requirements.

Supporting the world of aviation

Supporting NAAs with Professional Training

We also offer NAAs a comprehensive capacity building technical assistance model to ensure inspectorate staff are competent to carry out their tasks and the level of effective safety oversight is improved.

Scope	Capacity Building & Technical Assistance
1. Training Plan	<ul style="list-style-type: none">• Training Needs Analysis for inspectorate staff.• Training Plan for staff.• Recommendations on training courses.
2. Theoretical Training Delivery	<ul style="list-style-type: none">• Classroom training delivery based on the identified safety and security areas.
3. On the Job Training	<ul style="list-style-type: none">• Delivered by experienced UK CAA inspectors.• On site inspectors shadowing your staff ensuring the transfer of inspector skills and oversight capability.• Duration can be 1 or 2 years.
4. Training on Guidance Materials	<ul style="list-style-type: none">• Appropriate training and workshops to implement new guidance materials, technical manuals and inspector handbooks.

ICAO USOAP & ICVM

In response to concerns about the adequacy of aviation safety oversight, in 1999 the International Civil Aviation Organisation (ICAO) introduced its **Universal Safety Oversight Audit Programme (USOAP)**.

Initially based on the Comprehensive System Approach (CSA) audit, since 2010 ICAO has transitioned to the Continuous Monitoring Approach (CMA) framework. This is supported by **ICAO Coordinated Validation**



Missions (ICVM), which aims to validate compliance and the implementation of Corrective Action Plans (CAPs).

Demonstrating that a State has an adequate system of safety oversight in place is vitally important to allow for air transport's continued growth. This growth is crucial to any economy's development. Failure to demonstrate that an adequate safety oversight regime exists can lead to the imposition of Significant Safety Concerns (SSCs).

Our Safety Audit Support & Assistance

As a wholly owned subsidiary of the UK Civil Aviation Authority (UK CAA), we can provide expert advisory services and training to assist NAAs in the preparation of USOAP/ICVMs. Building on our experience of working in over 140 countries, we can deliver tailored solutions shaped to meet the needs of NAAs to help improve safety oversight and achieve a higher level of Effective Implementation.

Preparing NAAs for USOAP or ICVMs and Post Audit Support

Pre USOAP & ICVM Assistance

We will deploy an on-site team to help your organisation prepare for an USOAP audit, CMA or ICVM. This team will consist of current UK CAA regulatory experts in all the safety critical areas including Flight Operations, Airworthiness, Personnel Licensing, Air Navigation Services and Accident Investigation.

A dedicated Project Manager will be provided as part of the on-site team. Our technical support assistance will provide you with an Inception Report highlighting the status of Protocol Questions (PQs) and relevance to all Critical Elements (CEs).

Our Assistance Includes:

1. An Inception Report summarising our findings and recommendations from the assessment phase.
2. A Corrective Action Plan (CAP) addressing all actions required to satisfactorily address noncompliance.
3. An Interim Report highlighting project progress against the CAP.
4. Staff coaching required in preparation for USOAP, ICVM or CMA.
5. A Final Report outlining the progress made throughout the project and future recommendations.
6. Where required, assistance will be provided to develop and improve regulatory policies, procedures, guidance material, technical manuals, inspection handbooks and checklists.

7. Our UK CAA experts will work alongside your management team and inspectors to ensure knowledge/skill transfer throughout the duration of the product
8. CAAi will be on-site to assist during the actual USOAP or ICVM.
9. Guidance on how this inputs in a State Safety Programme (SSP).

Post USOAP & ICVM Support

Post USOAP and ICVM assistance can be provided to ensure any issues raised during the actual audit or validation mission are addressed immediately.

In particular, we can assist you in responding to raised Significant Safety Concerns (SSCs) and work with you to develop a Corrective Action Plan (CAP) that can be presented ICAO.



Case study: Preparing CAA Botswana (CAAB) for its ICAO Coordinated Validation Mission (ICVM) and CAAi Follow-up Support

The Challenge

- In April 2013, CAAB faced an ICVM to review the progress made by Botswana following its last safety audit in 2006.
- The audit in 2006 revealed Botswana's rate of Effective Implementation was significantly below average at 27.8%.

Key Requirements

- The CAAB required expert technical assistance to help them prepare for the validation mission.
- This project was a full-scale ICVM covering all eight audit areas including: Legislation, Organisation, Personnel Licensing, Flight Operations, Airworthiness, Accident and Incident Investigation, Air Navigation Services and Aerodromes and Ground Aids.

Our Approach

- In January 2013, CAAi deployed a team of UK CAA technical experts and a dedicated on-site Project Manager for the mission's duration.
- From January 2013 until March 2014, CAA experts performed on-the-job training to CAAB and Directorate of Accident Investigation (DAI) personnel on the revised processes and procedures.

- CAAi carried out quality assurance assessments of CAAB Technical Guidance Materials (TGMs) and where necessary, helped develop TGMs in line with international requirements.



Benefits - Improved Safety Standards

- CAAB was applauded by ICAO for the excellent preparations made for the ICVM.
- The ICVM concluded that Botswana's rating of Effective Implementation had considerably improved from 27.8% to an impressive 59.6%.
- Botswana's positive rating is now higher than the average for Africa (41%) and is almost equal to the global average of 60%.

