

# State Safety Programme Assistance

## Advisory Services & Training Consultancy



## Your partner in raising safety performance

The UK has developed a robust State Safety Programme (SSP) that defines the regulatory structure and responsibilities of the UK and seeks to improve aviation safety.

As a wholly owned subsidiary of the UK Civil Aviation Authority (UK CAA), this capability positions CAAi as an ideal partner to assist Governments and National Aviation Authorities (NAAs) in developing and implementing their SSP.

Building on our experience of working in over 140 countries, we can assemble multidisciplinary on-site teams to work collaboratively with our partners. Providing UK CAA best practice advice and training, we can help States implement a tailored SSP that achieves compliance with ICAO.

# State Safety Programme

## What is an SSP?

An SSP is an integrated set of regulations and activities aimed at improving aviation safety. Annex 19 of the Chicago Convention sets the standards for SSPs placing the responsibility on all contracting States to implement such a programme.

An SSP consists of four components:

1. State Safety Policy
2. State Safety Risk Management
3. State Safety Assurance
4. State Safety Promotion

The UK was first to publish an SSP in 2009. Since then, the UK has gained valuable insight and know-how into the implementation of an SSP. This intelligence can be highly beneficial to States in the planning, development and implementation phases.

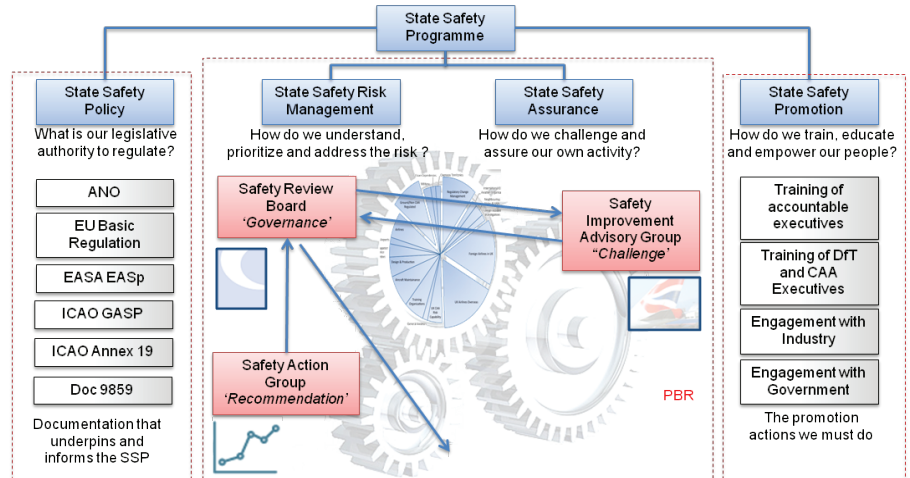
Effective SSP implementation is a gradual process that requires time to fully mature. Factors that affect the maturity process include the complexity of the air transportation system and the maturity of the aviation safety oversight capabilities of the State.

## Get the advice you need from the SSP experts

CAAI can provide each State with a tailored SSP that takes into account its level of maturity and the complexity of its air transportation system.

In the initial **Research Phase**, UK CAA regulatory experts will conduct an SSP gap analysis to understand your State's current level of compliance with Annex 19. The gap analysis will assess the existence and maturity of the key SSP components.

The results will highlight areas of compliance and deficiency. States can then opt for **UK CAA Assistance** on how to fully implement a tailored SSP, based on current levels of compliance and country-specific factors.



# Supporting States in SSP Implementation

## Implementing a State Safety Programme

UK CAA expertise extends across all four components of the SSP implementation process and includes:

- **Aviation Safety Policy and Objectives** — Guidance surrounding State Safety legislative framework, State Safety responsibilities and accountabilities; accident & incident investigation and enforcement.
- **Aviation Safety Risk Management** — Advice and Training in Safety Management Systems (SMS) for both Regulators and service providers.
- **State Safety Assurance** — Provision of suitable processes and IT solutions to embrace safety oversight; safety data collection; analysis and exchange; safety data driven targeting of areas of greater concern or need.
- **State Safety Promotion** — Support developing and implementing a Training Needs Analysis (TNA) to help identify requirements for knowledge building. Concepts for effective communication and dissemination of safety information can also be supported.

Associated training and UK CAA workshops to ensure safety is achieved in the most cost effective manner.



## Capacity Development & Training

Through tailored advice and training, we can provide institutional capacity development to ensure inspectorate staff are competent in carrying out their tasks. This includes:

### Scope

1. Training Needs Analysis (TNA)	<ul style="list-style-type: none"><li>• TNA and gap analysis for technical and non technical staff in respect of the ICAO and state requirements</li><li>• Develop and implement a compliant Training Policy</li><li>• Develop and implement an organisational Training Plan</li></ul>
2. Theoretical Training	<ul style="list-style-type: none"><li>• Training interventions delivered in support of the training plan and gap analysis.</li></ul>
3. On the Job Training (OJT)	<ul style="list-style-type: none"><li>• Competency based training interventions, delivered by experienced UK CAA personnel</li><li>• Transfer of inspector skills and oversight capability achieved through practical training or longer term attachment programmes</li></ul>
4. Competency Building	<ul style="list-style-type: none"><li>• Training solutions designed to support regulatory understanding, interpretation and application of guidance materials, technical manuals and inspector handbooks for improved safety outcomes</li></ul>

# Our Journey: State Safety Programme Implementation

## Background

CAAI has provided SSP assistance to a number of States including large, medium and small organisations. A collaborative approach between CAAI, the State and industry has been key to successfully identify areas of improvement. The transition to a fully operational ICAO compliant SSP can take time, but with an appropriate SSP implementation action-plan and drive to succeed, this can be achievable within 2 to 4 years, enabling States to manage safety oversight in a more cost-effective manner with improved and measurable safety outcomes.

## Typical Challenges

- Creating an environment where change is perceived essential to achieve improvements in safety performance.
- Empowerment of an Accountable Manager responsible for State safety.

## Key Requirements of CAAI

- To follow guidance provided by ICAO
- Engage with the State to see how far they wish to build on the traditional 'compliance-based' approach to regulation and develop/implement a more 'performance-based' approach.

## Our Approach

- Analyse a State's compliance to SSP
- Develop an SSP as a management system for the management of safety by the State.
- Implement the SSP to achieve an acceptable level of safety in civil aviation.

## Benefits of an SSP Implementation

- Efforts to mitigate safety risks are targeted more effectively
- Response times for significant safety issues reduced
- Improved safety performance to help a State's aviation industry mature, supporting future economic growth and a State's prosperity.
- Compliance with Annex 19

