



Singapore's Experiences from State Safety Programme Implementation Assessment (SSPIA) in 2022

Summary of the Paper

- Shares Singapore's experience and lessons learnt arising from the preparation and undergoing of SSP Implementation Assessment (SSPIA) Phase 2 in April 2022
 - Introduction
 - Experience and lessons learnt
 - Conclusion
- Encourage States to strengthen the implementation of their SSP, including through the conduct of self-assessments using ICAO iSTARS SSP Gap Analysis
- Request COSCAP-SEA to organise a workshop to demonstrate the use of ICAO iSTARS SSP GAP Analysis and for States to share their experience and lessons learnt from SSP implementation

Introduction

2015:

ICAO launched the State Safety Programme Implementation Assessment (SSPIA)



2019:

ICAO adopted a performance-based assessment methodology for SSPIA



2021:

ICAO introduced SSPIA Phase 2



April 2022:

ICAO conducted first SSPIA Phase 2 on Singapore



Moving Forward:

ICAO working on integrating SSPIA into USOAP CMA activities.

- To assess the implementation and maturity level of a State's SSP

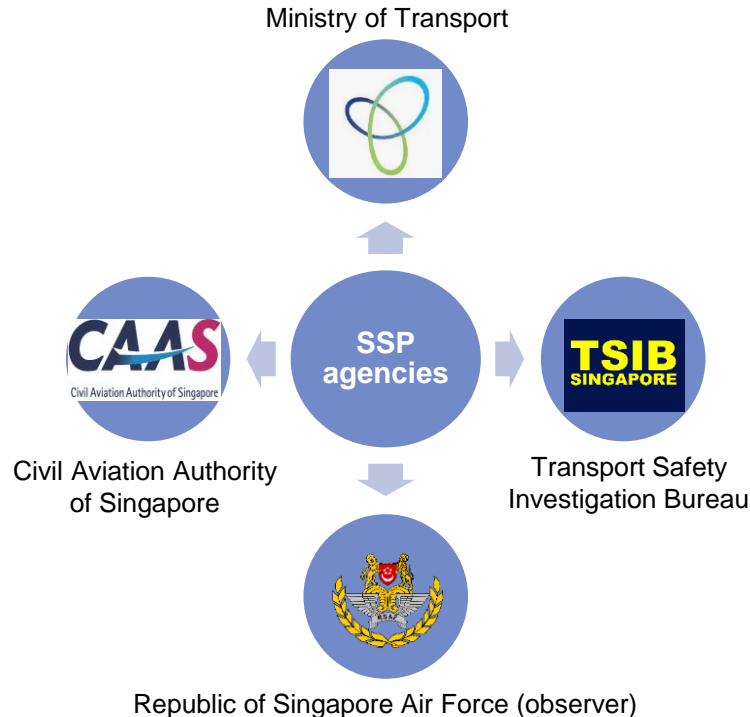
- Qualitative report on a States' SSP Achievements and Recommendations for enhancement

- Each Protocol Question (PQ) is associated with maturity levels and criteria items (CIs)
- CIs describe the expectations for each maturity level for that PQ

- Covered 4 SSP Areas viz.
 - General Aspects (GEN);
 - Safety Data Analysis (SDA);
 - Aircraft Operations (OPS); and
 - Aerodromes & Ground Aids (AGA)

Singapore's Experience and Lessons Learnt

Stakeholders



Preparation for SSPIA

- To provide a comprehensive perspective of our mechanisms and workings under the SSP

Performed gap analysis

- Using ICAO's SSP Gap Analysis Tool

Conducted self-assessments

- Using SSPIA Protocol Questions
- Updated results in the USOAP Online Framework

Singapore's Experience and Lessons Learnt



Conducted self-assessments



COSCOP-SEA on-site assistance mission

Led to improvements in our SSP, and clarified our understanding of the SSPIA processes and expectations



Sharpened safety objectives and policy, published our National Aviation Safety Plan 2022-2024



Launched 'Tell Sarah' voluntary safety reporting and promulgated safety info protection legislation



Confidentiality

- ✓ Reports processed by KPMG
- ✓ Identities of persons/ reporters anonymised
- ✓ Original reports destroyed after 30 days



Legal Protection

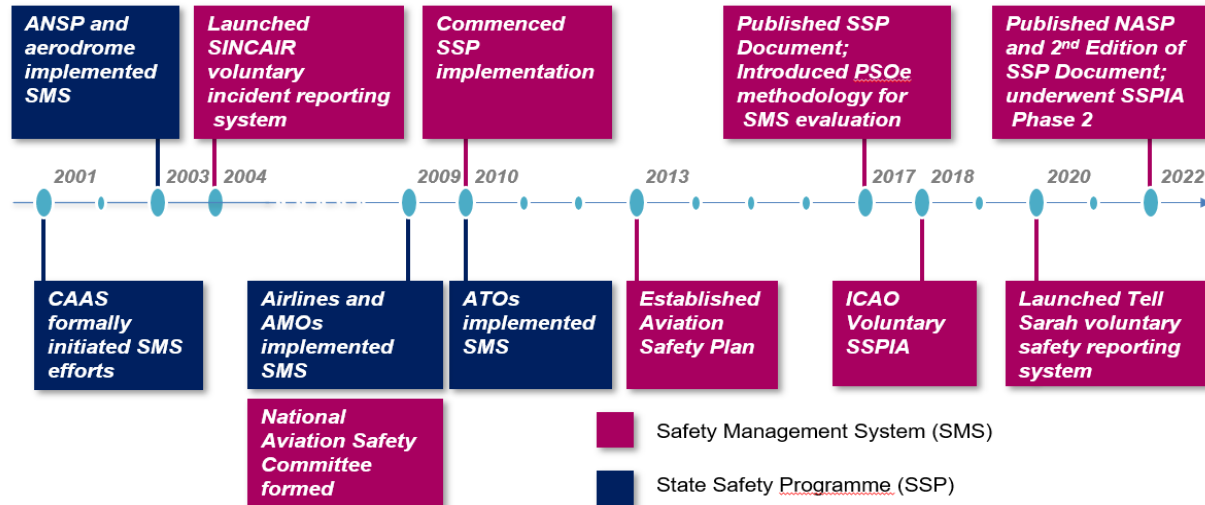
- ✓ Air Navigation Act and Air Navigation (Voluntary Reporting) Rules
- ✓ Restricts disclosure by KPMG
- ✓ Restricts use of reports for punitive purposes



Aviation leaders signed Safety Culture Charter

Singapore's Experience and Lessons Learnt

- Highlighted evolution of relevant aspects of our SSP journey in our responses for each PQ, including milestones and supporting evidences



- Also shared successes and missteps alike with the assessors, to show that our SSP journey was one of continuous learning and adjustment

Singapore's Experience and Lessons Learnt

- ICAO assessors created a comfortable atmosphere during SSPIA, which encouraged candid sharing and positive contributions to the discussions



- ICAO assessors also adopted a fair and balanced approach which recognised our achievements and identified opportunities for enhancement

Conclusion

- ICAO's SSPIA Phase 2 was a useful learning experience for Singapore; COSCAP-SEA activity and conversations with ICAO during the SSPIA provided opportunities
 - to review and enhance our SSP
 - to deepen collaboration amongst CAAS Divisions, government agencies and our industry stakeholders
 - to galvanise our aviation sector to move forward in a cohesive direction and strengthen the safety culture of our aviation community
- Constructive opportunities for enhancement arising from the SSPIA
- Sharing of knowledge and experience among COSCAP-SEA Member States could contribute to improving SSP implementation in the region

Action by the Meeting

- The Meeting is invited to:
 - encourage States to strengthen the implementation of their SSP, including through the conduct of gap analysis using ICAO iSTARS SSP GAP Analysis; and
 - request COSCAP-SEA to organise a workshop to demonstrate the use of ICAO iSTARS SSP GAP Analysis and for States to share their experience and lessons learnt from SSP implementation.



Aviation safety is
the **bedrock of the
success** of our air
hub and confidence
in air travel