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Updates from ICAO-APAC RO Safety; COSCAP-South Asia SCM

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RO – SAF IMP



ICAO





- **Presentation out line**
- **Updates on the ICAO Docs on Global Safety Plans**
 - **GASP 23-25 version - DOC 1004;**
 - **GASP Road Map – DOC 10161;**
 - **Development of Regional and National Aviation Safety Plans - Doc 10131;**
 - **Monitoring Implementation of Regional and National Aviation Safety Plans - DOC 10162;**
- **Progress of APAC and South Asia NASP implementation and Monitoring;**

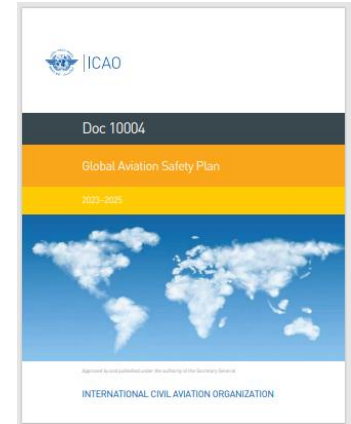


**ICAO Global Aviation Safety Plan (GASP) 23-25 version - Doc. 10004;
(Public website; <https://www.icao.int/safety/GASP/Pages/Home.aspx>)**

In Resolution A40-1: ICAO Global planning for safety and air navigation,

Six Goals and ICAO ASPIRATIONAL SAFETY GOAL “ZERO FATALITIES BY 2030 AND BEYOND”

- Goal 1 is to achieve a continuous reduction of operational safety risks.
- Goal 2 calls for all States to strengthen their safety oversight capabilities.
- Goal 3 calls for the implementation of effective State safety programmes.
- Goal 4 calls for States to increase collaboration at the regional level to enhance safety.
- Goal 5 aims to expand the use of industry programmes and safety information sharing networks.
- Goal 6 focuses on the appropriate infrastructure needed to support safe operations.





Goal 1: is to achieve a continuous reduction of operational safety risks.

Target:

1.1 Maintain a decreasing trend of global accident rate.

Indicators:

- Number of accidents
- Number of accidents per million departures (accident rate)
- Number of fatal accidents
- Number of fatal accidents per million departures (fatal accident rate)
- Number of fatalities
- Number of fatalities per passengers carried (fatality rate)
- Percentage of occurrences related to high-risk categories (HRCs)



Goal 2: Strengthen States' safety oversight capabilities

Target

2.1 All States to improve their score for the effective implementation (EI) of the critical elements (CEs) of the State's safety oversight system (with focus on priority PQs) as follows:

- a) by 2024 – 75 per cent EI score
- b) by 2026 – 85 per cent EI score
- c) by 2030 – 95 per cent EI score

Indicators;

- Number of States that met the EI score as per the timelines
- Number of States that have fully implemented the priority PQs
- Percentage of required corrective action plans (CAPs) submitted by States- OLF
- Percentage of completed CAPs per State (using OLF)



Goal 3: Implement effective State safety programmes (SSPs)

Three (03) Targets;

3.1 By 2023, all States to implement the foundation of an SSP.

- Indicators
- Number of States having implemented the SSP foundation PQs
 - Percentage of required CAPs related to the SSP foundation PQs submitted by States
 - Percentage of required CAPs related to the SSP foundation PQs completed per State

3.2 By 2024, all States to publish a national aviation safety plan (NASP).

- Number of States having published their NASP 4-6 Global Aviation Safety Plan

3.3 All States to work towards an effective SSP as follows:

a) by 2025 – Present

b) by 2028 – Present and effective

- Number of States having an SSP that is present
- Number of States having an SSP that is present and effective
- Number of States that require applicable service providers under their authority to implement a SMS



Goal 4: Increase collaboration at the regional level

Target; 4.1 By 2023, States that do not expect to meet GASP Goals 2 and 3 to seek assistance to strengthen their safety oversight capabilities or facilitate SSP implementation.

- Number of States seeking assistance, by using a regional safety oversight mechanism, another State's or other safety oversight organization's ICAO-recognized functions
- Number of States that submitted a draft NASP to an ICAO Regional Office
- Number of States registered in the NASP Online Community

4.2 By 2023, all regions to publish an updated regional aviation safety plan (RASP), in line with the 2023–2025 edition of GASP.

- Number of regions having published an updated RASP

4.3 By 2025, all States to contribute information on operational safety risks, including SSP safety performance indicators (SPIs), and emerging issues, to their respective regional aviation safety group (RASG).

- Number of States registered to the Secure Portal on Operational Safety Risks and Emerging Issues
- Number of States that are sharing their SSP SPIs with RASGs
- Number of reports received via the Secure Portal on Operational Safety Risks and Emerging Issues and validated
- Number of studies/analyses conducted by RASGs based on reports received via Secure Portal on Operational Safety Risks and Emerging Issues
- Percentage of safety enhancement initiatives completed by RASGs on safety risk management
- Number of regions having a mechanism to collect and process data on operational safety risks and emerging issues



Goal 5: Expand the use of industry programmes and safety information sharing networks by service providers

Target;

5.1 Maintain an increasing trend in industry's contribution in safety information sharing networks to States and regions to assist in the development of NASPs and RASPs.

- Number of service providers using globally harmonized metrics for their SPIs
- Percentage of service providers participating in the corresponding ICAO-recognized industry assessment programmes
- Number of States and regions reporting increased and improved provision of safety information by industry to assist in the development of NASPs and RASPs
- Number of RASPs developed in consultation with industry
- Number of States having established safety data collection and processing systems (SDCPS) to facilitate participation in a safety information-sharing network
- Number of service providers contributing to an SDCPS or a safety information sharing network



Goal 6: Ensure the appropriate infrastructure is available to support safe operations

Target;

6.1 By 2025, maintain an increasing trend of States with air navigation and aerodrome infrastructure that meet relevant ICAO Standards.

- Number or percentage of infrastructure-related air navigation deficiencies by State, against the regional air navigation plans
- Number or percentage of States having implemented infrastructure-related PQs linked to the basic building blocks



ICAO APAC Regional Aviation Safety Plan (AP-RASP) 23-25 version;
[https://www.icao.int/APAC/RASG/RASG%20eDocs/Final AP-RASP%202023-2025_12%20Jul%202023.pdf](https://www.icao.int/APAC/RASG/RASG%20eDocs/Final_AP-RASP%202023-2025_12%20Jul%202023.pdf)

AP-RASP 23-25 version Approved by and published under the authority of the Regional Director, ICAO - Asia and Pacific Regional Office.

Five (05) Goals and ICAO ASPIRATIONAL SAFETY GOAL
“ZERO FATALITIES BY 2030 AND BEYOND”

Goal I. Reduction in Operational Risks

Goal II. Improvements in Safety Oversight and Compliance;

Goal III. Consistent and effective safety management system (SMS) and SSP;

Goal IV. Data-driven regulatory oversight; and

Goal V. Enhanced aviation infrastructure (physical and institutional).



Updates as of May 2024; On GASP and RASP

Goal	Target	Target	APAC	South Asia
1	Maintain a decreasing trend of accident rate	Cont.	Yes	Yes
2	All States to improve their score for the effective implementation (EI) of the critical elements (CEs) of the State’s safety oversight system (with focus on priority PQs) as follows:	a) by 2024 – 75% EI b) by 2026 – 85 per cent EI score c) by 2030 – 95 per cent EI score	Current 65.48%	Current 72.56% 28.57%



Goal	Target	Achieved ?	APAC	South Asia
3	3.1 By 2023, all States to implement the foundation of SSP.	Not all States	68.94%	79.10%
3	3.2 By 2024, all States to publish a national aviation safety plan (NASP).	Not all States	13/39	7/8
3	3.3 All States to work towards an effective SSP as follows: a) by 2025 – Present b) by 2028 – Present and effective	2025, 2028		

Goal	Target	Target	APAC	South Asia
4	4.1 By 2023, States that do not expect to meet GASP Goals 2 and 3 to seek assistance to strengthen their safety oversight capabilities or facilitate SSP implementation.	Goal 2 a) by 2024 – 75 per cent EI score	12 Staes	Five (05) States
Goal 3 3.1 By 2023, all States to implement the foundation of an SSP.		Two Staes;	Nil (0 number of States)	
3.2 By 2024, all States to publish a national aviation safety plan (NASP).		16 States	All Seven States (07)	
3.3 All States to work towards an effective SSP as follows: a) by 2025 – Present b) by 2028 – Present and effective		Two (02) States	Nil No SSPIAs conducted in SA	



Goal	Target	Target	APAC	South Asia
5	Goal 5: Expand the use of industry programmes and safety information sharing networks by service providers Target; 5.1 Maintain an increasing trend in industry’s contribution in safety information sharing networks to States and regions to assist in the development of NASPs and RASPs	IOSA Airlines	114	12
		IOSA - State Levels	66.67%	71.43%
6	Goal 6: Ensure the appropriate infrastructure is available to support safe operations 6.1 By 2025, maintain an increasing trend of States with air navigation and aerodrome infrastructure that meet relevant ICAO Standards.	State level PBN Implementation	65.79%	71.43%
		SSC	1	1



Doc 10161 Global Aviation Safety Roadmap - 2023–2025

Global Aviation Safety Roadmap

Appendix A. Organizational challenges (ORG) roadmap

Appendix B. Operational safety risks (OPS) roadmap

Appendix C. GASP goals, targets and indicators

Appendix D. Roadmap SEIs and GASP targets





Doc 10131 Manual on the Development of Regional and National Aviation Safety Plans Second Edition, 2022;

Chapter 4 - Drafting the national aviation safety plan;

4-1 General,

4.2 Content of the NASP,

4.3 Detailed sections of the NASP,

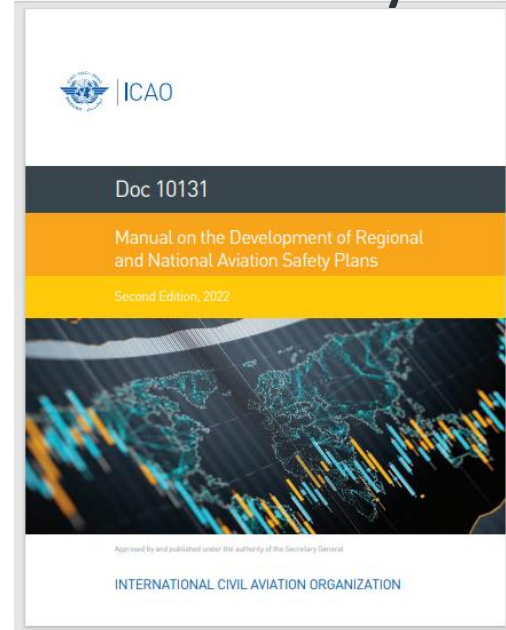
4.4 NASP template,

4.5 NASP checklist,

Appendix A to Chapter 4. National aviation safety plan template.

Appendix B to Chapter 4. National aviation safety plan checklist.

Chapter 5. Reporting on regional and national aviation safety plans





Additional Guidance Materials; Doc 10162 Manual on Monitoring Implementation of Regional and National Aviation Safety Plans

Chapter 1. Introduction

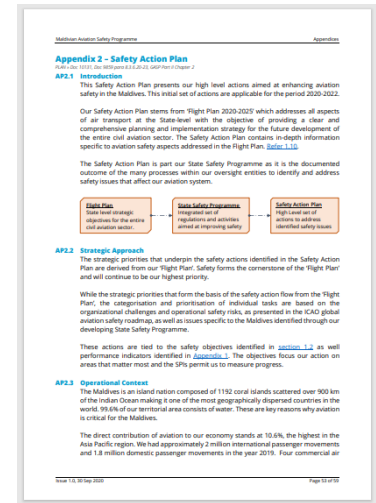
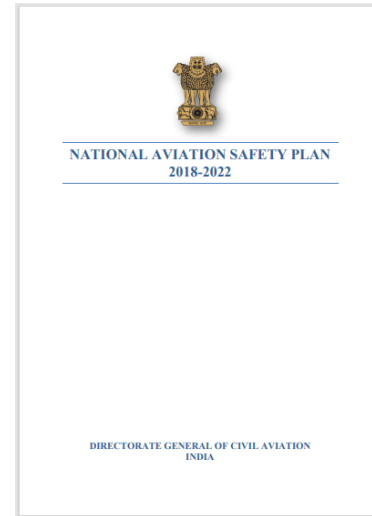
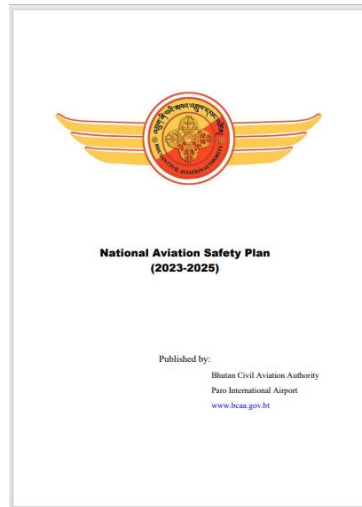
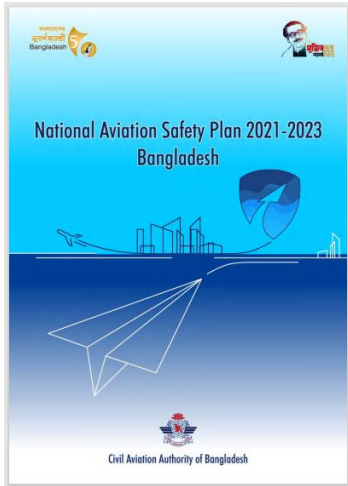
Chapter 2. GASP indicators

Appendix A to Chapter 2. Global aviation safety plan indicator (GASP-I) forms





NASP Shared with ICAO GASP website;



Bangladesh 21-23

Bhutan 23-25

India 2018-2022

Maldives 20-22



Nepal 23-25



Pakistan 22-24



Sri Lanka 23-25



THANK YOU!