



ICAO WORKSHOP ON NATIONAL AVIATION SAFETY PLAN DEVELOPMENT

Handout 5: Facilitated Exercise IV: Define Safety Performance Measurement

Context

Using the results from the Facilitated Exercises II and III, and the documentation provided during this workshop, complete the tasks below.

Time allocated: 2h00

Documentation / References

- Doc 10131, Chapter 2, Sections 2.9
- Doc 10162, Appendix A to Chapter 2

Your tasks

1. Based on the national goals, targets and indicators (from Exercise II), select one indicator (associated with a target) and complete the form in **Appendix A**; and
2. Based on the prioritized list of SEIs (from Exercise III), select one SEI related to operational safety risks (such as an N-HRC) and one SEI related to ORG challenges, and complete the forms in **Appendix B**.



APPENDIX A

1. NASP INDICATOR FORM

NASP-I. X.X.0X	Name: <i>the percentage of the PPQs and PQs closed</i>
Rationale	<i>GASP Goal No: 2 target 2.1 state x to improve overall score for the effect implementations of PPQs and PQs on state Safety oversight.</i>
Limitations	<i>the scope of this indicator is limited to percentage of the PPQs and PQs affecting the AGA and AIG audit area.</i>
Definition of terms	<i>definitions of Accoronames AGA, AIG , PPQs and PQs ref ICAO Annex 14 and Annex I3 and DOC 9735.</i>
Calculation method	<p>indicators = $(NS/NA) \times 100$</p> <p>where</p> <p>NS = number of satisfactory PQS NA = number of of applicable PQs</p>
Data sets	ICAO USOAP Audit reports and number of Applicable PPQs and PQs
Availability (1-3) ¹	3. available any given time
Provider	USOAP CMA OLF

¹ “1” for unavailable data, “2” for partially available data, and “3” for fully available data



Instructions for Completing the Form

Below is guidance on how to complete the form and on the terms presented in it:

- 1) rationale: an explanation of how the indicator connects to a specific NASP target and what the measurement and monitoring of the indicator supports;
- 2) limitations: the scope or the extent of the variable or entity that the indicator measures;
- 3) definition of terms: if applicable, a definition of any technical, specific or project-related terminology used in naming or defining the indicator that may not be widely known or understood;
- 4) calculation method: if applicable, the specific or technical formula available for the calculation of the indicator value;
- 5) data set(s): the data that is needed for measuring the indicator;
- 6) availability: the listed datasets may have different levels of availability, varying from “1” for unavailable data, “2” for partially available data and “3” for fully available data; and
- 7) provider: the provider of the data or the source where the data comes from.



APPENDIX B

NASP DETAILED SEI TEMPLATE: NATIONAL OPERATIONAL SAFETY RISKS

N-HRC: MAC							
Goal: Goal 2: continues reduction of operational safety risk							
Target: ANSP to achieve 50% reduction in serious incidents by 2025							
<i>Safety enhancement initiative</i>	<i>Action</i>	<i>Timeline</i>	<i>Responsible entity</i>	<i>Stakeholders</i>	<i>Metrics</i>	<i>Priority</i>	<i>Monitoring activity</i>
Mitigate contributing factors to MAC accidents and incidents	c. Promote the improvement of air traffic control (ATC) systems, procedures and tools to enhance conflict management	2025	ANSP	CAA ANSP Operators Department of Transport AIG AD authority Military Aviation	number of Regulations developed/reviewed umber of procedures Developed number of ATC trained number of Equipment Installed.	High	establishment of monitoring Committee include the CAA dashboard, Action plans project update.



NASP DETAILED SEI TEMPLATE: ORGANIZATIONAL CHALLENGES

ORG Challenge: Lack of sufficient resources and expertise (financial, system, and Human)							
Goal: increase effective safety oversight							
Target: Achieve 75% average EI score by end of 2025.							
<i>Safety enhancement initiative</i>	<i>Action</i>	<i>Timeline</i>	<i>Responsible entity</i>	<i>Stakeholders</i>	<i>Metrics</i>	<i>Priority</i>	<i>Monitoring activity</i>
Qualified technical personnel to support effective safety oversight	Establish human resource plans to support hiring and retention of the appropriate number of qualified technical personnel required (CE-4)	Q4 2024	CAA HR	SCAA Concern Departments	resources allocated to hire Inspectors polices developed for recruitment. number of inspectors Hired number training provided number of inspectors retained	Hight	staff turnover effectiveness of the polices

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