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# GLOBAL AVIATION SAFETY DEVELOPMENTS

## **RASG-MID/9 Meeting**

Riyadh, Saudi Arabia, 14 – 17 February 2022

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## Overview

- 2023-2025 edition of GASP
  - work leading up to HLCC 2021
  - feedback received from HLCC 2021
  - revision of GASP
- Update of NASP guidance material
  - & implementation support
- Safety Management
- Upcoming safety events





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## 2023-2025 edition of GASP: Work Leading Up to HLCC 2021



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# GASP-Study Group





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## Work Leading to HLCC 2021

- GASP-SG began process of reviewing GASP (April 2020)
  - established general principles to guide review
  - defined scope of revision
  - conducted review of available data, implementation support activities conducted by ICAO, and feedback received on 2020-2022 GASP
- Proposals reviewed by ANC (Oct 2020)
- Presented to HLCC 2021 (Oct 2021) as Secretariat WPs
  - WP on GASP (HLCC 2021-WP/6 SAF/3)
  - included Questionnaire on the GASP Update
  - WP on NASP/RASP (HLCC 2021-WP/7 SAF/4)





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# **Feedback Received from HLCC 2021**



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## HLCC 2021 Feedback

- 35 recommendations stemmed from HLCC WPs
  - containing proposals for GASP revision
  - updating guidance material for NASP/RASP
- HLCC agreed on need for GASP-SG to
  - examine means to take into consideration input
  - from HLCC + questionnaire
  - in preparation for GASP endorsement at 41st Assembly







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## Revision of GASP for 2023-2025 edition





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## Revision of GASP by GASP-SG

- GASP-SG reviewed all HLCC-2021 recommendations on GASP/RASP/NASP
  - each recommendation analysed in terms of intent and interdependencies with others
- GASP-SG classified each recommendation for specific action
  1. Item to be addressed in 2023-2025 edition of GASP
  2. Item deferred to 2026-2028 edition of GASP
  3. To be addressed in guidance material / tools
  4. To be sent to / coordinated with other expert groups
  5. To be addressed by Secretariat communications / safety promotion
- GASP-SG conducted same exercise for feedback from questionnaire
  - using the same classification scheme





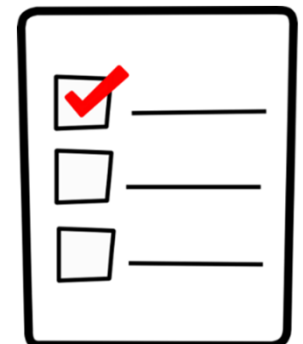
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## Draft of 2023-2025 GASP

- Secretariat produced a draft 2023-2025 edition of the GASP
  - as result of GASP-SG work
- Draft document will presented to ANC for review (April 2022)
  - then to Council for approval (May/June 2022)
- A41 WP will contain final draft 2023-2025 GASP
  - provide summary of amendments made to GASP + rationale
  - and updated Res A40-1 (Global Plans)
  - publication approx. July 2022





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## Affected GASP Content

- **Revision of GASP Targets and Indicators**
  - taking into account factors such as pandemic impact
- **5 HRCs remain unchanged**
  - Now Global or G-HRCs
- **Impact of global aviation disruption events on aviation safety**
  - and need for resilience
- **Migration of implementation support content**
  - making GASP solely Strategic Document





## Targets Affected by Revision

Target	Date of Completion	Description
T2.1(a)	2022	All States to reach 75% EI score
T2.2	2022	All States to reach SOI>1 in all categories
T3.1	2022	All States to implement foundation of SSP
T4.1	2020	States that do not expect to meet Goals 2 & 3 seek assistance
T4.2	2022	All States to contribute info on safety risks to RASGs
T4.3	2022	States with effective SSO & effective SSP, to actively lead RASGs' SRM
T5.1	2020	All service providers to use globally harmonized SPIs in SMS
T5.2	2022	Increase number of service providers in industry assessment programmes
T6.1	2022	All States to implement AN and airport core infrastructure



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## Mapping of Expiring Targets Revision

Target	Date of Completion	Description
T2.1(a)	2024 (2 yrs)	75% EI score >> extended due to COVID-19
<del>T2.2</del>	<del>2022</del>	<del>All States to reach SOI&gt;1 in all categories &gt;&gt; deleted</del>
T3.1	2023 (1 yr)	All States to implement foundation of SSP >> extended due to COVID-19
T4.1	2023 (3 yrs)	States seek assistance >> extended due to COVID-19 + reworded
T4.2	2025 (3 yrs)	All States to contribute info on safety risks to RASGs >> expanded into new T4.3
<del>T4.3</del>	<del>2022</del>	<del>States to actively lead RASGs' SRM &gt;&gt; deleted / replaced by new T4.3</del>
T5.1	Increasing trend	All service providers to use globally harmonized SPIs in SMS >> expanded to new
<del>T5.2</del>	<del>2022</del>	<del>Increase industry assessment programmes &gt;&gt; indicator in T5.1</del>
T6.1	2025 (3 yrs)	All States to implement AN and airport core infrastructure >> reworded



## New Targets for 2023-2025

Target	Date of Completion	Description
T3.2	2024	All States to publish NASP
T3.3	2025 & 2028	All States to work towards effective SSP (present; present & effective) >> was T3.2
T4.2	2023	All Regions to publish RASP
T4.3	2025	All States to contribute information on ops safety risks (including SSP SPIs) and emerging issues to RASGs
T5.1	Increasing trend	Maintain an increasing trend in industry's contribution in safety info sharing networks to States and Regions to assist in the development of NASP/RASP
T6.1	2025	Maintain an increasing trend of States with air navigation and aerodrome infrastructure that meets relevant ICAO standards



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## Overview of Targets for 2023-2025

Target	Date of Completion	Description
T1.1	Decreasing trend	Maintain a decreasing trend of global accident rate
T2.1	2024/2026/2030	75% , 85% and 95% EI score of CEs
T3.1	2023	All States to implement foundation of SSP
T3.2	2024	All States to publish NASP
T3.3	2025/2028	All States to work towards effective SSP (present; present & effective)
T4.1	2023	States seek assistance
T4.2	2023	All Regions to publish RASP
T4.3	2025	All States to contribute information to RASGs
T5.1	Increasing trend	Industry's contribution in safety info sharing networks
T6.1	2025	States with AN and aerodrome infrastructure that meets ICAO standards





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# **Guidance Material & Implementation Support**



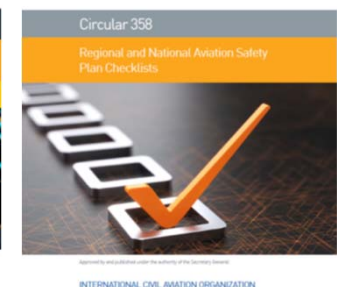
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## Guidance Material for NASP

- Roadmap will be in new Doc 10161
  - Updated for 2023-2025 GASP
- Doc 10131 2<sup>nd</sup> Edition
  - Updated RASP/NASP guidance
  - Including checklists from Cir 358
- Guidance on use of GASP indicators > new Doc 10162
  - In line with 2023-2025 edition of GASP
  - Guidance available for 2020-2022 edition of GASP





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## NASP iPack

- ICAO developed dedicated NASP iPack
  - as part of implementation support
- Goal is to facilitate and guide States
  - in developing a NASP
  - that contains strategy to address national safety issues
  - through training and detailed guidance
- More information
  - [www.icao.int/secretariat/TechnicalCooperation/Pages/NASP-IPACK.aspx](http://www.icao.int/secretariat/TechnicalCooperation/Pages/NASP-IPACK.aspx)



iPack



Developing a  
National Aviation Safety Plan  
(NASP)

Implementation Package

[www.icao.int/iPack](http://www.icao.int/iPack)



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# Safety Management



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## Amendment 2 to Annex 19

- **October 2022:** ANC Preliminary Review
- **January – July 2023:** State letter and consultation
- **October 2023:** ANC Final Review
- **March 2024:** Council Adoption date
- **Q3/2024:** Proposed effective date
- **November 2026:** Proposed applicability date for Amendment 2 to Annex 19

## 5<sup>th</sup> edition of the Safety Management Manual

- **March 2024:** Publication of SMM, 5<sup>th</sup> ed (advance unedited)
- **Q3/2024:** Publication of SMM, 5<sup>th</sup> ed

## Annex 19 Implementation Challenges Survey

- Survey circulated via State Letter AN 8/9 – 21/66 (14<sup>th</sup> October 2021) seeking feedback on A19 implementation challenges.
- To date, ICAO have received 98 responses to the survey, including 9 from the MID region, which presents just over 9% of total responses received.
- Only aggregated data with statistical summaries that do not identify individual States will be shared and used by ICAO solely to develop a better understanding of where to prioritize future safety management initiatives.



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## Safety Management Initiatives

SM group topics	Deliverables		Criteria to prioritize topics
General	Tool	Webinar	Importance
Safety Intelligence	Micro-learning	Training	Sense of urgency
Safety Risk Management	iPACK	Etc...	ICAO SM contribution
Aviation Project Management			Funding for development



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# Upcoming Safety Events





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## Safety Events in 2022

- Forty first Session of the ICAO Assembly
  - 27 September to 7 October, Montreal, Canada (TBC)
- Eleventh Session of Statistics Division
  - 4 to 8 April 2022, virtual / online
- Other events not yet confirmed due to ongoing pandemic
- Additional information at: [www.icao.int/Meetings/Pages/Home.aspx](http://www.icao.int/Meetings/Pages/Home.aspx)



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## Action by RASG-MID

- Meeting is invited to:
  - note progress made towards 2023-2025 edition of the GASP
  - encourage States in MID region to develop & implement NASP
    - in alignment with GASP & MID-RASP



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**Thank you!**

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