

2024 Current Fiscal Year Report: Aerospace Safety Advisory Panel

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1. Department or Agency

National Aeronautics and Space
Administration

2. Fiscal Year

2024

3. Committee or Subcommittee

Aerospace Safety Advisory Panel

3b. GSA

Committee No.

136

4. Is this New During Fiscal Year?

5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
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No 07/11/2023 07/11/2025

8a. Was Terminated During Fiscal Year?

8b. Specific Termination Authority

No

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

Not Applicable

10b. Legislation Pending?

Not Applicable

11. Establishment Authority

Statutory (Congress Created)

12. Specific Establishment Authority

NASA Authorization Act of
1968, Section 6, as amended 08/21/1967 Continuing No
(51 U.S.C. § 31101).

13. Effective Date	14. Committee Type
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14c. Presidential?

15. Description of Committee

Scientific Technical Program
Advisory Board

16a. Total Number of Reports

No Reports for
this Fiscal Year

17a. Open	17b. Closed	17c. Partially Closed	Other Activities	17d. Total
0	0	0	0	0

Meetings and Dates

No Meetings

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$0.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$0.00	\$0.00
18d. Total	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

20a. How does the Committee accomplish its purpose?

The Panel holds four (4) quarterly meetings each year involving all Panel members, as well as other fact-finding meetings involving one or more members in attendance. The meetings involve numerous technical safety-related briefings in preparation for the Panel's Annual Report to the NASA Administrator and Congress, as mandated by statute. Recommendations developed are related to safety in the areas of program safety, human rating requirements, operational risk management, safety culture, and external communications.

20b. How does the Committee balance its membership?

The statutory number of members is a maximum of nine (9). Members of the Panel are selected for their expertise in safety & reliability, materials & structures, avionics, software, human factors, space medicine & radiation, systems engineering & integration, space operations, space vehicles, rocket & air-breathing propulsion, aeronautics, aircraft operations & safety, and program management.

20c. How frequent and relevant are the Committee Meetings?

The Panel conducts four (4) quarterly meetings and other fact-finding meetings each year, to analyze the results of the Panel's investigations, formulate findings and recommendations, and present these findings and recommendations to the NASA Administrator and Congress. The findings and recommendations are documented in the Panel's Annual Report, which is provided to the NASA Administrator and the Congress.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The Panel is unique to the NASA advisory committee structure; since the Panel was established in 1967, it has a firmly established continuity and corporate memory that does not exist anywhere else in the Agency. The Panel is comprised of senior safety experts from outside the Agency with unique expertise, experience and insight into aerospace safety issues.

20e. Why is it necessary to close and/or partially closed committee meetings?

There were no closed meetings during the past

year and there are no future closed meetings anticipated at this time.

21. Remarks

The ASAP Charter was renewed by the NASA Administrator on July 11, 2023, for another two-year period.

Designated Federal Officer

Carol J. Hamilton Designated Federal Officer/Executive Director

Committee Members	Start	End	Occupation	Member Designation
				Special
Bray, William	02/13/2021	02/13/2027	Aerospace Consultant	Government Employee (SGE) Member
				Special
Donahue, Amy	01/01/2021	01/01/2027	Aerospace Consultant	Government Employee (SGE) Member
				Special
Helms, Susan	02/16/2016	02/16/2028	Aerospace Consultant	Government Employee (SGE) Member
				Special
Hill, Paul	08/19/2019	08/19/2025	Aerospace Consultant	Government Employee (SGE) Member
				Special
Rominger, Kent	05/15/2023	05/15/2029	Aerospace Consultant	Government Employee (SGE) Member
				Special
Sanders, Patricia	05/15/2012	05/15/2024	Aerospace Consultant	Government Employee (SGE) Member
				Special
Sirangelo, Mark	02/16/2022	02/16/2028	Aerospace Consultant	Government Employee (SGE) Member
				Special
West, David	02/01/2018	02/01/2024	Aerospace Consultant	Government Employee (SGE) Member
				Special
Williams, Richard	10/01/2018	10/01/2024	Consultant	Government Employee (SGE) Member

Number of Committee Members Listed: 9

Narrative Description

The Panel meets on a quarterly basis to review NASA safety practices at the various NASA Centers and significant topics which affect safety. Note: ASAP member Dr. Sandra Magnus' six-year term ended on 3/20/2023.

What are the most significant program outcomes associated with this committee?

Checked if
Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

Not Applicable

What is the approximate Number of recommendations produced by this committee for the life of the committee?

186

Number of Recommendations Comments

The Aerospace Safety Advisory Panel advises the U.S. Congress and NASA Administrator on issues that have the most significant potential to directly or indirectly impact the safety of NASA astronauts, personnel and contractors, and programs and missions. Recommendations for CY 2003 = 14, CY 2004 = 8, CY 2005 = 8, CY 2006 = 10, CY 2007 = 19, CY 2008 = 26, CY 2009 = 26, CY 2010 = 22, CY 2011 = 13, CY 2012 = 11, CY 2013 = 3, CY 2014 = 9, CY 2015 = 2, CY 2016 = 1, CY 2017 = 2, CY 2018 = 3, CY 2019 = 2, CY 2020 = 2, CY 2021 = 4, CY 2022 = 1, and CY 2023 = 1.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

96%

% of Recommendations Fully Implemented Comments

NA

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

4%

% of Recommendations Partially Implemented Comments

NA

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

Every ASAP formal recommendation is carefully considered by NASA and the Agency provides formal feedback in the form of a letter from the NASA Administrator to the ASAP Chair. These letters are posted on the ASAP website for public access:

<https://oiir.hq.nasa.gov/asap>

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

- | | |
|-----------------------------------|--------------------------|
| Reorganized Priorities | <input type="checkbox"/> |
| Reallocated resources | <input type="checkbox"/> |
| Issued new regulation | <input type="checkbox"/> |
| Proposed legislation | <input type="checkbox"/> |
| Approved grants or other payments | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

- | | |
|---------------------------|-------------------------------------|
| Contact DFO | <input checked="" type="checkbox"/> |
| Online Agency Web Site | <input checked="" type="checkbox"/> |
| Online Committee Web Site | <input checked="" type="checkbox"/> |
| Online GSA FACA Web Site | <input checked="" type="checkbox"/> |
| Publications | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Access Comments

N/A