

## 2019 Current Fiscal Year Report: Aerospace Safety Advisory Panel

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### 1. Department or Agency

National Aeronautics and Space Administration

### 2. Fiscal Year

2019

### 3. Committee or Subcommittee

Aerospace Safety Advisory Panel

### 3b. GSA Committee No.

136

### 4. Is this New During Fiscal Year?

No

### 5. Current Charter

08/02/2019

### 6. Expected Renewal Date

08/02/2021

### 7. Expected Term Date

### 8a. Was Terminated During Fiscal Year?

No

### 8b. Specific Termination Authority

Not Applicable

### 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 (51 U.S.C. § 31101).

### 13. Effective Date

08/21/1967

### 14. Committee Type

Continuing

### 14c. Presidential?

No

### 15. Description of Committee Scientific Technical Program Advisory Board

### 16a. Total Number of Reports

1

### 16b. Report Date Report Title

01/01/2019 Aerospace Safety Advisory Panel Annual Report for 2018

### Number of Committee Reports Listed: 1

17a. Open 4 17b. Closed 1 17c. Partially Closed 0 Other Activities 0 17d. Total 5

### Meetings and Dates

| Purpose                                                | Start      | End          |
|--------------------------------------------------------|------------|--------------|
| ASAP Fourth Quarterly Public Meeting                   | 10/11/2018 | - 10/11/2018 |
| ASAP First Quarterly of 2019 Public Meeting            | 03/07/2019 | - 03/07/2019 |
| ASAP Second Quarterly of 2019 Public Meeting           | 04/25/2019 | - 04/25/2019 |
| ASAP Third Quarterly of 2019 Public Meeting            | 06/06/2019 | - 06/06/2019 |
| ASAP Fourth Quarterly Meeting of 2019 - Public Meeting | 09/06/2019 | - 09/06/2019 |

### Number of Committee Meetings Listed: 5

|                                                  | Current FY   | Next FY      |
|--------------------------------------------------|--------------|--------------|
| 18a(1). Personnel Pmts to Non-Federal Members    | \$167,748.00 | \$167,748.00 |
| 18a(2). Personnel Pmts to Federal Members        | \$0.00       | \$0.00       |
| 18a(3). Personnel Pmts to Federal Staff          | \$293,777.45 | \$293,777.45 |
| 18a(4). Personnel Pmts to Non-Member Consultants | \$0.00       | \$0.00       |

|                                                                       |              |              |
|-----------------------------------------------------------------------|--------------|--------------|
| <b>18b(1). Travel and Per Diem to Non-Federal Members</b>             | \$73,319.09  | \$73,319.09  |
| <b>18b(2). Travel and Per Diem to Federal Members</b>                 | \$0.00       | \$0.00       |
| <b>18b(3). Travel and Per Diem to Federal Staff</b>                   | \$15,986.58  | \$15,986.58  |
| <b>18b(4). Travel and Per Diem to Non-member Consultants</b>          | \$0.00       | \$0.00       |
| <b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b> | \$111,512.00 | \$111,512.00 |
| <b>18d. Total</b>                                                     | \$662,343.12 | \$662,343.12 |
| <b>19. Federal Staff Support Years (FTE)</b>                          | 2.00         | 2.00         |

**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 and its consultants 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 August 02, 2019, for another two-year period.

## Designated Federal Officer

Carol J. Hamilton Designated Federal Officer/Executive Director

| Committee Members    | Start      | End        | Occupation                                                                                                 | Member Designation                       |
|----------------------|------------|------------|------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Helms, Susan         | 02/16/2016 | 02/16/2022 | Consultant                                                                                                 | Special Government Employee (SGE) Member |
| Hill, Paul           | 08/19/2019 | 08/19/2025 | Consultant                                                                                                 | Special Government Employee (SGE) Member |
| Jett, Brent          | 10/10/2014 | 12/31/2019 | Consultant                                                                                                 | Special Government Employee (SGE) Member |
| Magnus, Sandra       | 03/20/2017 | 03/20/2023 | Consultant                                                                                                 | Special Government Employee (SGE) Member |
| McErlean, Donald     | 10/18/2006 | 07/23/2024 | Consultant, Professor, Baylor University                                                                   | Special Government Employee (SGE) Member |
| Nield, George        | 02/16/2010 | 02/16/2022 | Former Associate Administrator for Commercial Space Transportation, Federal Aviation Administration (Ret.) | Special Government Employee (SGE) Member |
| Saindon, Christopher | 09/21/2016 | 09/21/2022 | Pilot, Jet Blue                                                                                            | Special Government Employee (SGE) Member |
| Sanders, Patricia    | 05/15/2018 | 05/15/2024 | Independent Aerospace Consultant                                                                           | Special Government Employee (SGE) Member |
| West, David          | 02/01/2018 | 02/01/2024 | Examinations Director, Board of Certified Safety Professionals                                             | Special Government Employee (SGE) Member |
| Williams, Richard    | 10/01/2018 | 10/01/2024 | Consultant                                                                                                 | Special Government Employee (SGE) Member |

**Number of Committee Members Listed: 10**

## 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.

## 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 type="checkbox"/>            |
| Major policy changes             | <input type="checkbox"/>            |
| Advance in scientific research   | <input type="checkbox"/>            |
| Effective grant making           | <input type="checkbox"/>            |

- Improved service delivery
- Increased customer satisfaction
- Implementation of laws or regulatory requirements
- Other

**Outcome Comments**

NA

**What are the cost savings associated with this committee?**

Checked if Applies

- None
- Unable to Determine
- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000
- \$1,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- Over \$10,000,000
- Cost Savings Other

**Cost Savings Comments**

Not Applicable

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

178

**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. CY2003 = 14, CY2004 = 8, CY2005 = 8, CY2006 = 10, CY2007 = 19, CY2008 = 26, CY2009 = 26, CY2010 = 22, CY2011 = 13, CY2012 = 11, CY2013 = 3, CY2014 = 9, CY2015 = 2, CY2016 = 1, CY2017 = 2, CY2018 = 3, CY2019 = 2

**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**

A letter with a formal response to the ASAP Panel Chair from the NASA Administrator.

**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

Online Agency Web Site



Online Committee Web Site



Online GSA FACA Web Site



Publications



Other



**Access Comments**

N/A