

2022 Current Fiscal Year Report: Aviation Rulemaking Advisory Committee

Report Run Date: 02/04/2023 06:33:22 AM

1. Department or Agency	2. Fiscal Year		
Department of Transportation	2022		
3. Committee or Subcommittee	3b. GSA Committee No.		
Aviation Rulemaking Advisory Committee	197		
4. Is this New Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	09/14/2022	09/14/2024	
8a. Was Terminated During Fiscal Year?	8b. Specific Termination Authority	8c. Actual Term Date	
No			
9. Agency Recommendation for Next Fiscal Year	10a. Legislation Req to Terminate?	10b. Legislation Pending?	
Continue	Not Applicable	Not Applicable	
11. Establishment Authority	Agency Authority		
12. Specific Establishment Authority	13. Effective Date	14. Committee Type	14c. Presidential?
Order 1110.119S	09/14/2018	Continuing	No
15. Description of Committee	Non Scientific Program Advisory Board		
16a. Total Number of Reports	9		
16b. Report Date	Report Title		
10/20/2021	Transport Airplane Metallic and Composite Structures Working Group – Recomm		
06/10/2022	Airman Certification System working group; Call-to-Action Subgroup Final Recomm		
09/12/2022	Flight Test Harmonization Working Group, Topic 32, Codification of Part 25 Takeoff		
09/12/2022	https://www.faa.gov/regulations_policies/rulemaking/committees/documents/media/		

09/12/2022 Training Standardization Working Group (TSWG) Recommendation Report

09/12/2022 Training Standardization Working Group (TSWG) – Gulfstream GV series

06/22/2022 Airman Certification System working group; Call-to-Action Subgroup Final Recommendation

09/12/2022 FTHWG Topic 32 Codification of Part 25 Takeoff and Landing Performance Assessment

10/20/2021 Transport Airplane Metallic and Composite Structures Working Group – Recommendation

Number of Committee Reports Listed: 9

17a. Open 4 17b. Closed 24 17c. Partially Closed 0 Other Activities 0 17d. Total 28

Meetings and Dates

Purpose	Start	End
To discuss Ice Crystals Working Group tasking.	10/14/2021	10/14/2021
To discuss Ice Crystals Working Group tasking.	11/04/2021	11/04/2021
To discuss Ice Crystals Working Group tasking.	11/18/2021	11/18/2021
Quarterly public meeting to discuss ARAC status reports.	12/09/2021	12/09/2021
To discuss Ice Crystals Working Group tasking.	12/09/2021	12/09/2021
Quarterly public meeting to discuss ARAC status reports.	03/17/2022	03/17/2022
Quarterly public meeting to discuss ARAC status reports.	06/02/2022	06/02/2022

Quarterly public meeting
to discuss ARAC status 09/08/2022 - 09/08/2022
reports.

[Airman Certification Systems Working Group]	Discuss tasking.	02/27/2022 - 02/27/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	10/14/2021 - 10/14/2021
[Ice Crystal Icing Working Group]	To discuss tasking.	11/04/2021 - 11/04/2021
[Ice Crystal Icing Working Group]	To discuss tasking.	11/18/2021 - 11/18/2021
[Ice Crystal Icing Working Group]	To discuss tasking.	12/09/2021 - 12/09/2021
[Ice Crystal Icing Working Group]	To discuss tasking.	01/20/2022 - 01/20/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	02/03/2022 - 02/03/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	02/10/2022 - 02/10/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	02/17/2022 - 02/17/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	02/24/2022 - 02/24/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	03/24/2022 - 03/24/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	03/31/2022 - 03/31/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	05/19/2022 - 05/19/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	06/02/2022 - 06/02/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	08/11/2022 - 08/11/2022
[Ice Crystal Icing Working Group]	To discuss tasking.	09/29/2022 - 09/29/2022
[Part 145 Working Group]	Discuss tasking.	11/01/2021 - 11/01/2022
[Part 145 Working Group]	Discuss tasking.	02/01/2022 - 02/01/2022
[Part 145 Working Group]	Discuss tasking.	04/01/2022 - 04/01/2022
[Part 145 Working Group]	Discuss tasking.	08/01/2022 - 08/01/2022

Number of Committee Meetings Listed: 28

	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	\$68,937.50	\$70,000.00
18a(4). Personnel Pmts to Non-Member Consultants	\$3,960.00	\$4,000.00
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	\$10,000.00
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	\$72,897.50	\$84,000.00
19. Federal Staff Support Years (FTE)	1.50	0.00

20a. How does the Committee accomplish its purpose?

The Aviation Rulemaking Advisory Committee (ARAC) accomplishes its purpose by holding four meetings a year discuss taskings, review recommendations, and working group status reports. Minutes are taken at these meetings and are part of the public record.

20b. How does the Committee balance its membership?

The FAA balances ARAC membership by considering key aviation stakeholder groups to include associations and organizations. Members represent organizations directly and indirectly impacted by FAA regulations (e.g., aircraft owners

and operators, airmen and flight crewmembers, organizations representing airports, maintenance providers, manufacturers, public citizen and passenger groups, and training providers)

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

ARAC met four times in FY 2022, which allowed the committees to discuss recommendation reports and status updates

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

Because of the restrictions placed on regulatory agencies by the Administrative Procedure Act, the agency cannot solicit the advice of its affected public prior to issuing regulatory proposals unless it goes through the public-meeting process or establishes a formal advisory body. ARAC includes members representing virtually every interest that could conceivably be affected by agency rulemaking (including the general public), thus enabling the agency to obtain vital input before it publishes a proposal.

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

N/A

21. Remarks

Committee membership includes no more than 30 members. The listed membership includes both regular and alternate members.

Designated Federal Officer

Timothy Adams Executive Director of Rulemaking, ARM-1

Committee Members	Start	End	Occupation	Member Designation
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Barkowski, Justin	12/14/2020	12/14/2022	American Association of Airport Executives	Representative Member
Betcher, Michelle	10/04/2019	10/04/2022	Airline Dispatchers Association	Representative Member
Carr, Douglas	10/04/2019	10/04/2022	National Business Aviation Association, Inc.	Representative Member
Charpentier, Tom	10/04/2019	10/04/2022	Experimental Aircraft Association	Representative Member
Clay, Ambrose	10/04/2019	10/04/2022	National Organization to Insure a Sound-Control Environment	Representative Member
Cooper, Christopher	12/03/2020	12/03/2022	Aircraft Owners and Pilots Association	Representative Member
Desrosier, Walter	10/04/2019	10/04/2022	General Aviation Manufacturers Association	Representative Member
Dunham, Gail	10/04/2019	10/04/2022	National Air Disaster Alliance / Foundation	Representative Member
Flori, Stephane	10/04/2019	10/04/2022	Aerospace & Defence Industries Association of Europe	Representative Member
Friedenzohn, Daniel	10/04/2019	10/04/2022	Embry-Riddle Aeronautical University Aviation	Representative Member
Hudson, Paul	10/04/2019	10/04/2022	Consumer Action Project & FlyersRights.Org	Representative Member
Kenagy, Randy	10/04/2019	10/04/2022	Air Line Pilots Association	Representative Member
MacLeod, Sarah	10/04/2019	10/04/2022	Aeronautical Repair Station Association	Representative Member
Madden, Justin	12/03/2020	12/03/2022	Aircraft Mechanical Fraternal Association	Representative Member
Martino, Chris	10/04/2019	10/04/2022	Helicopter Association International	Representative Member
McGraw, Paul	10/04/2019	10/04/2022	Airlines for America	Representative Member
Morgan, Keith	10/04/2019	10/04/2022	Pratt & Whitney	Representative Member

Oord, David	12/03/2020	12/03/2022	Lilium	Representative Member
Paul, George	10/04/2019	10/04/2022	National Air Carrier Association	Representative Member
Peri, Richard (Ric)	10/04/2019	10/04/2022	Aircraft Electronics Association	Representative Member
Riegle, Leslie	10/04/2019	10/04/2022	Aerospace Industries Association	Representative Member
Rooney, Larry	10/04/2019	10/04/2022	Coalition of Airline Pilots Associations	Representative Member
Rose, Yvette	10/04/2019	10/04/2022	Cargo Airline Association	Representative Member
Whyte, Bill	10/31/2019	10/31/2022	Regional Airline Association	Representative Member
Witkowski, Christopher	10/04/2019	10/04/2022	Association of Flight Attendants	Representative Member
Benvenuto, Thomas [ARAC Training Standardization Working Group]	01/11/2021		Solairus Aviation	Representative Member
Bragg, Stephen [ARAC Training Standardization Working Group]	01/11/2021		Executive Jet Management	Representative Member
Brown, Greg [ARAC Training Standardization Working Group]	01/11/2021		Helicopter Association International	Representative Member
Bufkin, Todd [ARAC Training Standardization Working Group]	01/11/2021		Bell Training Academy	Representative Member
Cypel, Fabiano [ARAC Training Standardization Working Group]	01/11/2021		Embraer	Representative Member
Dodd, Jon [ARAC Training Standardization Working Group]	01/11/2021		Coalition of Airline Pilots Associations	Representative Member
Hall, Steve [ARAC Training Standardization Working Group]	01/11/2021		FlightSaety International	Representative Member
Hein, Aimee [ARAC Training Standardization Working Group]	01/11/2021		CAE, Inc.	Representative Member
Hennig, Jens [ARAC Training Standardization Working Group]	01/11/2021		General Aviation Manufacturers Association	Representative Member
Koester, Brian [ARAC Training Standardization Working Group]	01/11/2021		National Business Aviation Association	Representative Member
Lisak, Todd [ARAC Training Standardization Working Group]	01/11/2021		Air Line Pilots Association	Representative Member

Maloney, Steve [ARAC Training Standardization Working Group] 01/11/2021	Sun Air Jets	Representative Member
Mann, Allan [ARAC Training Standardization Working Group] 01/11/2021	Wheels Up, LLC	Representative Member
McGraw, John [ARAC Training Standardization Working Group] 01/11/2021	National Air Transportation Association	Representative Member
Neuhoff, Brian [ARAC Training Standardization Working Group] 01/11/2021	Airbus Helicopters	Representative Member
Schwahn, Janine [ARAC Training Standardization Working Group] 01/11/2021	Summit Aviation, Inc	Representative Member
Sparks, Steve [ARAC Training Standardization Working Group] 01/11/2021	Cirrus	Representative Member
Stasi, Annemarie [ARAC Training Standardization Working Group] 01/11/2021	Talon Air, LLC	Representative Member
Von Bargaen, Daniel [ARAC Training Standardization Working Group] 01/11/2021	Jet Aviation Flight Services, Inc.	Representative Member
Walton, Mike [ARAC Training Standardization Working Group] 01/11/2021	Textron	Representative Member
Alp, Paul [Airman Certification Systems Working Group] 01/06/2014	Jenner & Block	Representative Member
Baker, Ken [Airman Certification Systems Working Group] 01/06/2014	CAE	Representative Member
Bernava, Emelia [Airman Certification Systems Working Group] 09/04/2018	Deamworks LTA	Representative Member
Brickner, Cindy [Airman Certification Systems Working Group] 09/04/2018	Soaring Society of America	Representative Member
Cairns, Paul [Airman Certification Systems Working Group] 01/06/2014	ERAU	Representative Member
Comstock, Kevin [Airman Certification Systems Working Group] 01/06/2014	ALPA	Representative Member
Crump, Eric [Airman Certification Systems Working Group] 01/06/2014	Polk State College	Representative Member
Dagenais, David [Airman Certification Systems Working Group] 01/06/2014	Florida State College	Representative Member
DeMarco, Maryanne [Airman Certification Systems Working Group] 01/06/2014	CAPA	Representative Member

Dietrich, Anna [Airman Certification Systems Working Group]	09/04/2018	Terrafugia Inc.	Representative Member
Earl, David [Airman Certification Systems Working Group]	01/06/2014	Flight Safety International	Representative Member
Eisenstein, Megan [Airman Certification Systems Working Group]	01/06/2014	NATA	Representative Member
Haertlein, Lauren [Airman Certification Systems Working Group]	01/06/2014	GAMA	Representative Member
Hazlet, John [Airman Certification Systems Working Group]	01/06/2014	RACCA	Representative Member
Horning, Chuck [Airman Certification Systems Working Group]	01/06/2014	ERAU	Representative Member
Jim, Gibson [Airman Certification Systems Working Group]	09/04/2018	Bell Helicopter	Representative Member
Jones, David [Airman Certification Systems Working Group]	01/06/2014	Avotek	Representative Member
King, John [Airman Certification Systems Working Group]	01/06/2014	King Schools	Representative Member
Kochan, Janeen [Airman Certification Systems Working Group]	01/06/2014	ARTS, Inc.	Representative Member
Lovelace, Kent [Airman Certification Systems Working Group]	01/06/2014	UND	Representative Member
Mayhew, Nick [Airman Certification Systems Working Group]	09/04/2018	L3 Link Training & Simulation	Representative Member
McGraw, John [Airman Certification Systems Working Group]	01/06/2014	NATA	Representative Member
McGuire, Crystal [Airman Certification Systems Working Group]	01/06/2014	ATEC	Representative Member
McWhinney, John "Mac" [Airman Certification Systems Working Group]	01/06/2014	King Schools	Representative Member
Rollison, Jimmy [Airman Certification Systems Working Group]	01/06/2014	FedEx	Representative Member
Russell, JR [Airman Certification Systems Working Group]	01/06/2014	NBAA	Representative Member
Schu, Mary [Airman Certification Systems Working Group]	01/06/2014	Mary Schu Aviation	Representative Member

Sharp, Roger [Airman Certification Systems Working Group]	01/06/2014	Independent/Red Bird	Representative Member
Smith, Jason [Airman Certification Systems Working Group]	01/06/2014	CCAF	Representative Member
Spanitz, Jackie [Airman Certification Systems Working Group]	01/06/2014	ASA	Representative Member
Stevens, Burt [Airman Certification Systems Working Group]	01/06/2014	Oxford Flying Club, Inc.	Representative Member
Stewart, Robert [Airman Certification Systems Working Group]	01/06/2014	Independent	Representative Member
Tom, Gunnarson [Airman Certification Systems Working Group]	09/04/2018	Kitty Hawk	Representative Member
Tucker, Tim [Airman Certification Systems Working Group]	09/04/2018	Robinson Helicopters	Representative Member
Wilt, Donna [Airman Certification Systems Working Group]	01/06/2014	SAFE	Representative Member
Woods, Roger [Airman Certification Systems Working Group]	09/04/2018	Leonardo	Representative Member
Wright, Robert [Airman Certification Systems Working Group]	01/06/2014	NBAA	Representative Member
Wynands, Philipp [Airman Certification Systems Working Group]	09/04/2018	Metro Aviation	Representative Member
Boud, Antony [Engine Harmonization Working Group]	04/08/2014	European Union Aviation Safety Agency	Representative Member
Cousineau, Yves [Engine Harmonization Working Group]	04/08/2014	Transport Canada	Representative Member
Forrest, Neill [Engine Harmonization Working Group]	04/08/2014	Rolls-Royce plc	Representative Member
Hogge, Doug [Engine Harmonization Working Group]	04/08/2014	Williams International	Representative Member
Markham, Pat [Engine Harmonization Working Group]	04/08/2014	HEICO	Representative Member
Morgan, Keith [Engine Harmonization Working Group]	03/19/2020	Pratt and Whitney	Representative Member
Turyk, Peter [Engine Harmonization Working Group]	04/08/2014	Pratt and Whitney Canada	Representative Member
Branscomb, Stephanie [Ice Crystal Icing Working Group]	10/01/2019	Wysong Enterprise	Representative Member
Brewer, Steven [Ice Crystal Icing Working Group]	10/01/2019	Kalitta Air	Representative Member
Bryck, Jeremy [Ice Crystal Icing Working Group]	10/01/2019	Air Methods Corporation	Representative Member

Cloutier, Paul [Ice Crystal Icing Working Group]	10/01/2019	FAA	Regular Government Employee (RGE) Member
Cornell, Jeff [Ice Crystal Icing Working Group]	10/01/2019	Aviation Technical Services	Representative Member
Daniels, Gary [Ice Crystal Icing Working Group]	10/01/2019	Independent consultant	Representative Member
Eagle, Jeff [Ice Crystal Icing Working Group]	10/01/2019	United Technologies Corporation/Pratt & Whitney	Representative Member
Edwards, Samuel [Ice Crystal Icing Working Group]	10/01/2019	Boeing Commercial Airplanes	Representative Member
Fabian, Craig [Ice Crystal Icing Working Group]	10/01/2019	GE Engines	Representative Member
Fox, John [Ice Crystal Icing Working Group]	10/01/2019	United Airlines, Inc.	Representative Member
Giles, Carol [Ice Crystal Icing Working Group]	10/01/2019	Aeronautical Repair Station Association	Representative Member
Hanf, Bill [Ice Crystal Icing Working Group]	10/01/2019	Green Mountain Avionics	Representative Member
Hart, Brent [Ice Crystal Icing Working Group]	10/01/2019	FAA	Regular Government Employee (RGE) Member
Hawthorne, Paul [Ice Crystal Icing Working Group]	10/01/2019	Moog	Representative Member
Koester, Brian [Ice Crystal Icing Working Group]	10/01/2019	National Business Aircraft Association	Representative Member
MacLeod, Sarah [Ice Crystal Icing Working Group]	10/01/2019	ARSA	Representative Member
Macklosky, Richard [Ice Crystal Icing Working Group]	10/01/2019	United Technologies Corporation	Representative Member
Madden, Justin [Ice Crystal Icing Working Group]	10/01/2019	Aircraft Mechanics Fraternal Association	Representative Member
Monte, Eric [Ice Crystal Icing Working Group]	10/01/2019	Rockwell Collins	Representative Member
Orth, Jeffrey [Ice Crystal Icing Working Group]	10/01/2019	Boeing Global Services	Representative Member
Pearson, Lakisha [Ice Crystal Icing Working Group]	10/01/2019	FAA	Regular Government Employee (RGE) Member

Peri, Ric [Ice Crystal Icing Working Group]	10/01/2019	Aircraft Electronics Association	Representative Member
Sambiase, Joe [Ice Crystal Icing Working Group]	10/01/2019	General Aviation Manufacturers Association	Representative Member
Smith, Art [Ice Crystal Icing Working Group]	10/01/2019	AAR Corporation	Representative Member
Smith, Justin [Ice Crystal Icing Working Group]	10/01/2019	Quality Aviation Instruments	Representative Member
Stapes, David [Ice Crystal Icing Working Group]	10/01/2019	Delta TechOps	Representative Member
Thompson, Ken [Ice Crystal Icing Working Group]	10/01/2019	National Air Transportation Association	Representative Member
Wysong, Stephen [Ice Crystal Icing Working Group]	10/01/2019	Wysong Enterprise	Representative Member
Badie, Clark [Transport Airplane and Engine Issue Group]	02/24/2015	Honeywell	Representative Member
Beauregard, Mark [Transport Airplane and Engine Issue Group]	08/31/2018	Aerospace Industries Association of Canada	Representative Member
Dowler, Thomas [Transport Airplane and Engine Issue Group]	08/31/2018	Safran Corporate Quality	Representative Member
Guzman, Carlos [Transport Airplane and Engine Issue Group]	06/22/2016	Boeing	Representative Member
Ireland, Robert [Transport Airplane and Engine Issue Group]	06/22/2016	Airlines for America	Representative Member
Peters, Tom [Transport Airplane and Engine Issue Group]	06/22/2016	Embraer	Representative Member
Reich, Robert [Transport Airplane and Engine Issue Group]	08/31/2018	Airbus Americas	Representative Member
Renzio, Robert [Transport Airplane and Engine Issue Group]	11/12/2019	Safety Research Corporation of America	Representative Member
Silver, David [Transport Airplane and Engine Issue Group]	08/31/2018	Aerospace Industries Association	Representative Member

Number of Committee Members Listed: 127

Narrative Description

The Aviation Rulemaking Advisory Committee (ARAC) provides the Federal Aviation Administration (FAA) with information, advice, and recommendations. ARAC's objective is to improve the development

of the FAA's regulations by involving interested members of the aviation community in the developmental stages of rulemaking.

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 checked="" type="checkbox"/>
Advance in scientific research	<input type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input checked="" 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

Recommendations from ARAC can help determine need for rulemaking.

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

Number of Recommendations Comments

Recommendations are in response to the tasks assigned to the committee.

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

62%

% of Recommendations Fully Implemented Comments

The FAA works to fully implement recommendations whenever possible.

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

12%

% of Recommendations Partially Implemented Comments

The FAA works to fully implement recommendations whenever possible.

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

Yes No Not Applicable

Agency Feedback Comments

When a recommendation is received from the advisory committee, the FAA provides an acknowledgement letter to the ARAC Chairperson. The FAA also provides ARAC with updates on FAA action on recommendations at ARAC public meetings.

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

Checked if Applies

- Reorganized Priorities
- Reallocated resources
- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

Action Comments

Not Applicable

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

No

Grant Review Comments

Not Applicable

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 checked="" type="checkbox"/> |
| Other | <input checked="" type="checkbox"/> |

Access Comments

All documentation is available in the Office of Rulemaking and the ARAC public website.