

HR 3559

FAA Research and Development Act of 2023

Congress: 118 (2023–2025, Ended)

Chamber: House

Policy Area: Transportation and Public Works

Introduced: May 22, 2023

Current Status: Placed on the Union Calendar, Calendar No. 110.

Latest Action: Placed on the Union Calendar, Calendar No. 110. (Jul 11, 2023)

Official Text: <https://www.congress.gov/bill/118th-congress/house-bill/3559>

Sponsor

Name: Rep. Lucas, Frank D. [R-OK-3]

Party: Republican • **State:** OK • **Chamber:** House

Cosponsors

No cosponsors are listed for this bill.

Committee Activity

Committee	Chamber	Activity	Date
Science, Space, and Technology Committee	House	Reported By	Jul 11, 2023
Transportation and Infrastructure Committee	House	Referred to	May 23, 2023

Subjects & Policy Tags

Policy Area:

Transportation and Public Works

Related Bills

Bill	Relationship	Last Action
118 HR 3935	Related bill	May 16, 2024: Became Public Law No: 118-63.
118 HR 4082	Related bill	Jun 13, 2023: Referred to the House Committee on Science, Space, and Technology.

FAA Research and Development Act of 2023

This bill reauthorizes through FY2028 Federal Aviation Administration (FAA) civilian aviation research and development activities. The bill also specifies required research and development activities.

For example, the Department of Transportation, in coordination with other agencies, must prepare and submit a research and development road map to safely eliminate the use of leaded aviation fuel without adversely affecting the existing piston engine fleet. The FAA must also coordinate with private industry on research programs for the mass production and distribution of unleaded aviation gasoline for market viability.

The bill also directs the FAA to

- continue research on technologies and operations to enhance air traffic surface operations safety;
- research, develop, and test the use of air traffic space-based Automatic Dependent Surveillance-Broadcast (ADS-B) data, in coordination with National Aeronautics and Space Administration (NASA), with a specific focus on monitoring and automatically reporting air turbulence events and providing space-based multilateration surveillance;
- conduct research, engineering, and development on the effective and efficient use and management of radio frequency spectrum in civil aviation;
- conduct a research and development program to advance aviation structures, materials, and manufacturing for the safe use in and on aircraft; and
- evaluate opportunities to modernize, enhance, and streamline the training time to become a certified air traffic controller, including assessing the use of advanced technologies (e.g., artificial intelligence and virtual reality).

Actions Timeline

- **Jul 11, 2023:** Reported (Amended) by the Committee on Science, Space, and Technology. H. Rept. 118-139, Part I.
- **Jul 11, 2023:** Committee on Transportation discharged.
- **Jul 11, 2023:** Placed on the Union Calendar, Calendar No. 110.
- **Jun 15, 2023:** Ordered to be Reported (Amended) by the Yeas and Nays: 29 - 0.
- **Jun 15, 2023:** Committee Consideration and Mark-up Session Held
- **May 23, 2023:** Referred to the Subcommittee on Aviation.
- **May 22, 2023:** Introduced in House
- **May 22, 2023:** Referred to the Committee on Science, Space, and Technology, and in addition to the Committee on Transportation and Infrastructure, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.