

S 4558

Cleaner, Quieter Airplanes Act

Congress: 117 (2021–2023, Ended)

Chamber: Senate

Policy Area: Science, Technology, Communications

Introduced: Jul 19, 2022

Current Status: Read twice and referred to the Committee on Commerce, Science, and Transportation.

Latest Action: Read twice and referred to the Committee on Commerce, Science, and Transportation. (Jul 19, 2022)

Official Text: <https://www.congress.gov/bill/117th-congress/senate-bill/4558>

Sponsor

Name: Sen. Cardin, Benjamin L. [D-MD]

Party: Democratic • **State:** MD • **Chamber:** Senate

Cosponsors (4 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Feinstein, Dianne [D-CA]	D · CA		Jul 19, 2022
Sen. King, Angus S., Jr. [I-ME]	I · ME		Jul 19, 2022
Sen. Van Hollen, Chris [D-MD]	D · MD		Jul 19, 2022
Sen. Warren, Elizabeth [D-MA]	D · MA		Jul 19, 2022

Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Referred To	Jul 19, 2022

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

Bill	Relationship	Last Action
117 HR 8097	Related bill	Jun 16, 2022: Referred to the House Committee on Science, Space, and Technology.

Cleaner, Quieter Airplanes Act

This bill directs the National Aeronautics and Space Administration (NASA) to establish an initiative to research, develop, and demonstrate new technologies and concepts to reduce emissions and noise from aircraft. Emissions to be addressed include carbon dioxide (CO₂), nitrogen oxides (NO_x), water vapor, black carbon, and sulfate aerosols.

The goals and objectives of the initiative shall include (1) ensuring U.S. leadership in research and technology innovation leading to substantial reductions in aviation noise and emissions; (2) reducing greenhouse gas emissions from new and replacement aircraft to the extent necessary to achieve net-zero greenhouse gas emissions from U.S. aviation by 2050; and (3) noise levels from aircraft throughout all phases of flight that do not exceed ambient noise levels in the absence of flight operations in the vicinity of the flight route.

Actions Timeline

- **Jul 19, 2022:** Introduced in Senate
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