

## HR 8403

Human Factors Improvements to the Aircraft Certification Act

**Congress:** 116 (2019–2021, Ended)

**Chamber:** House

**Policy Area:** Transportation and Public Works

**Introduced:** Sep 25, 2020

**Current Status:** Referred to the Subcommittee on Aviation.

**Latest Action:** Referred to the Subcommittee on Aviation. (Sep 28, 2020)

**Official Text:** <https://www.congress.gov/bill/116th-congress/house-bill/8403>

### Sponsor

**Name:** Rep. Larsen, Rick [D-WA-2]

**Party:** Democratic • **State:** WA • **Chamber:** House

### Cosponsors (2 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Graves, Garret [R-LA-6]	R · LA		Sep 25, 2020
Rep. Napolitano, Grace F. [D-CA-32]	D · CA		Sep 29, 2020

### Committee Activity

Committee	Chamber	Activity	Date
Transportation and Infrastructure Committee	House	Referred to	Sep 28, 2020

### Subjects & Policy Tags

#### Policy Area:

Transportation and Public Works

### Related Bills

Bill	Relationship	Last Action
116 HR 8408	Related bill	<b>Nov 18, 2020:</b> Received in the Senate and Read twice and referred to the Committee on Commerce, Science, and Transportation.

## **Human Factors Improvements to the Aircraft Certification Act**

This bill addresses the integration of human factors into the aircraft certification process.

The Federal Aviation Administration (FAA) must (1) evaluate tools and methods to support the integration of human factors into the aircraft certification process of flight deck and flight control systems for transport airplanes, and (2) develop a framework to implement such tools and methods with the objective of improving safety.

Additionally, the FAA must develop a human factors education program that addresses the effects of modern flight deck systems, including automated systems, on human performance for transport airplanes and the approaches for better integration of human factors in aircraft design and certification.

Each transport airplane manufacturer must (1) provide the FAA with information or findings on flight crew training to ensure it adequately includes consideration of human factors; and (2) identify any technical basis, justification, or rationale for such information and findings.

### **Actions Timeline**

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- **Sep 28, 2020:** Referred to the Subcommittee on Aviation.
- **Sep 25, 2020:** Introduced in House
- **Sep 25, 2020:** Referred to the House Committee on Transportation and Infrastructure.

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