

118TH CONGRESS
1ST SESSION

H. R. 3960

To encourage the use of hydrogen in the aviation sector, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JUNE 9, 2023

Ms. DELBENE introduced the following bill; which was referred to the Committee on Transportation and Infrastructure, and in addition to the Committee on Science, Space, and Technology, 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

A BILL

To encourage the use of hydrogen in the aviation sector,
and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Hydrogen Aviation De-
5 velopment Act”.

6 **SEC. 2. AIRPORT IMPROVEMENT PROGRAM USE OF FUNDS.**

7 Section 47102 of title 49, United States Code, is
8 amended—

1 (1) in paragraph (3), by adding at the end the
2 following:

3 “(S) acquiring land for, or work necessary
4 for constructing, reconstructing, repairing, or
5 improving, or otherwise modifying an airport or
6 airport facilities, or property adjacent to, or in
7 the vicinity of, an airport but intended to sup-
8 port the airport to store and distribute hydro-
9 gen, sustainable aviation fuel, or electrification
10 to power aircraft.”; and

11 (2) in paragraph (12), by inserting “, including
12 hydrogen and electrification,” after “alternative
13 fuels”.

14 **SEC. 3. CLEEN ENGINE AND AIRFRAME TECHNOLOGY**
15 **PARTNERSHIP.**

16 Section 47511(a) of title 49, United States Code, is
17 amended by striking “jet fuels for civil subsonic airplanes”
18 and inserting “jet fuels, hydrogen, and batteries for air-
19 craft”.

20 **SEC. 4. CENTER OF EXCELLENCE FOR ALTERNATIVE JET**
21 **FUELS AND ENVIRONMENT (ASCENT).**

22 (a) IN GENERAL.—The Center of Excellence for Al-
23 ternative Jet Fuels and Environment (ASCENT) shall
24 conduct research on hydrogen to increase aviation
25 decarbonization. Such research shall be in addition to any

1 other research authorized to be carried out by the Center,
2 including other research relating to hydrogen.

3 (b) NATIONAL AVIATION RESEARCH PLAN.—Begin-
4 ning with the first National Aviation Research Plan pub-
5 lished after the date of enactment of this section, as re-
6 quired under section 44501(c) of title 49, United States
7 Code, the Administrator of the Federal Aviation Adminis-
8 tration shall include research on hydrogen to increase
9 aviation decarbonization in such plan.

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