

118TH CONGRESS
1ST SESSION

S. _____

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

IN THE SENATE OF THE UNITED STATES

Mr. OSSOFF (for himself and Mr. GRAHAM) introduced the following bill; which was read twice and referred to the Committee on

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—

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

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

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

12 **SEC. 3. CLEEN ENGINE AND AIRFRAME TECHNOLOGY**
13 **PARTNERSHIP.**

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

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

20 (a) IN GENERAL.—The Center of Excellence for Al-
21 ternative Jet Fuels and Environment (ASCENT) shall
22 conduct research on hydrogen to increase aviation
23 decarbonization. Such research shall be in addition to any
24 other research authorized to be carried out by the Center,
25 including other research relating to hydrogen.

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