

Schatz-1

MCC19C96

Brian Schatz
S.L.C.

AMENDMENT NO. _____ Calendar No. _____

Purpose: To accelerate development and demonstration of electric aircraft technology.

IN THE SENATE OF THE UNITED STATES—116th Cong., 1st Sess.

S. 2800

To authorize programs of the National Aeronautics and Space Administration, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. Schatz

Viz:

- 1 At the end of title VIII, add the following:
- 2 **SEC. 8 ____ . INITIATIVE ON TECHNOLOGIES FOR NOISE AND**
- 3 **EMISSIONS REDUCTIONS.**

4 (a) INITIATIVE REQUIRED.—Section 40112 of title
5 51, United States Code, is amended—

6 (1) by redesignating subsection (b) through (e)
7 as subsections (e) through (f), respectively; and

8 (2) by inserting after subsection (a) the fol-
9 lowing new subsection (b):

10 “(b) TECHNOLOGIES FOR NOISE AND EMISSIONS RE-
11 Duction.—

1 “(1) INITIATIVE REQUIRED.—The Adminis-
2 trator shall establish an initiative to build upon and
3 accelerate previous or ongoing work to develop and
4 demonstrate new technologies, including systems ar-
5 chitecture, components, or integration of systems
6 and airframe structures, in electric aircraft propul-
7 sion concepts that are capable of substantially reduc-
8 ing both emissions and noise from aircraft.

9 “(2) APPROACH.—In carrying out the initiative,
10 the Administrator shall do the following:

11 “(A) Continue and expand work of the Ad-
12 ministration on research, development, and
13 demonstration of electric aircraft concepts, and
14 the integration of such concepts.

15 “(B) To the extent practicable, work with
16 multiple partners, including small businesses
17 and new entrants, on research and development
18 activities related to transport category aircraft.

19 “(C) Provide guidance to the Federal Avia-
20 tion Administration on technologies developed
21 and tested pursuant to the initiative.”.

22 (b) REPORTS.—Not later than 180 days after the
23 date of the enactment of this Act, and annually thereafter
24 as a part of the Administration’s budget submission, the
25 Administrator shall submit a report to the appropriate

1 committee of Congress on the progress of the work under
2 the initiative required by subsection (b) of section 40112
3 of title 51, United States Code (as amended by subsection
4 (a) of this section) including an updated, anticipated time-
5 frame for aircraft entering into service that produce 50
6 percent less noise and emissions than the highest per-
7 forming aircraft in service as of December 31, 2019.