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(Original Signature of Member)

119TH CONGRESS
1ST SESSION

H. R. _____

To direct the Comptroller General of the United States to conduct a study on the impediments to digital documentation and verification in the aviation supply chain, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. KNOTT introduced the following bill; which was referred to the Committee
on _____

A BILL

To direct the Comptroller General of the United States to conduct a study on the impediments to digital documentation and verification in the aviation supply chain, 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 “Aviation Supply Chain
5 Safety and Security Digitization Act of 2025”.

1 **SEC. 2. INTEGRITY OF AEROSPACE PARTS DOCUMENTA-**
2 **TION.**

3 (a) STUDY.—The Comptroller General of the United
4 States shall conduct a study on the impediments to the
5 use of digital documentation and verification in the avia-
6 tion supply chain to aid in identifying falsified documenta-
7 tion and counterfeit parts.

8 (b) CONTENTS.—In conducting the study under sub-
9 section (a), the Comptroller General shall evaluate the
10 challenges of—

11 (1) manufacturers, repairs stations, air carriers,
12 aircraft lessors, aircraft brokers, parts brokers, and
13 other supply chain participants to adopting the use
14 of digital authorized release certificates, including
15 FAA Form 8130–3;

16 (2) the aviation industry in utilizing digital
17 verification and authentication tools;

18 (3) establishing standardized documentation in
19 the aviation industry; and

20 (4) transitioning the Federal Aviation Adminis-
21 tration from—

22 (A) legacy paper-based records to digital
23 documentation; and

24 (B) physical to digital signatures.

25 (c) REPORT.—

1 (1) IN GENERAL.—Not later than 1 year after
2 the date of enactment of this Act, the Comptroller
3 General shall submit to the Committee on Transpor-
4 tation and Infrastructure of the House of Represent-
5 atives and the Committee on Commerce, Science,
6 and Transportation of the Senate a report con-
7 taining the results of the study conducted under
8 subsection (a).

9 (2) RECOMMENDATIONS.—The Comptroller
10 General shall include in the report submitted under
11 paragraph (1)—

12 (A) recommendations on—

13 (i) ways to encourage each organiza-
14 tion in the aviation industry, regardless of
15 the size of such organization, to adopt the
16 use of digital forms and authentication
17 tools; and

18 (ii) how to accelerate the adoption of
19 digital documentation by the Federal Avia-
20 tion Administration; and

21 (B) any other recommendations the Comp-
22 troller General determines appropriate.

23 (d) RESPONSE OF SECRETARY OF TRANSPOR-
24 TATION.—Not later than 120 days after submission of the
25 report required under paragraph (c), the Secretary of

1 Transportation shall respond to any recommendations in
2 such report directed to the Department of Transportation
3 or any office of the Department.