

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. 3935
OFFERED BY MR. BURLISON OF MISSOURI**

At the end of title VIII, add the following:

1 SEC. 834. STUDY ON FLIGHT SIMULATOR USE.

2 (a) IN GENERAL.—The Administrator of the Federal
3 Aviation Administration shall conduct a study that exam-
4 ines the benefits of the use of flight simulation training
5 devices for a pilot to gain the aeronautical experience re-
6 quired to obtain—

7 (1) a commercial pilot certificate pursuant to
8 section 61.129 of title 14, Code of Federal Regula-
9 tions; or

10 (2) an airline transport pilot certificate pursu-
11 ant to section 61.159 of such title.

12 (b) CONTENTS.—In carrying out the study required
13 under subsection (a), the Administrator shall examine the
14 following:

15 (1) The benefits of using flight simulation
16 training devices to train pilots.

17 (2) How flight simulation training devices have
18 advanced since the implementation of the rule titled
19 “Pilot Certification and Qualification Requirements

1 for Air Carrier Operations” and published on July
2 15, 2013 (78 Fed. Reg. 42324).

3 (3) The effectiveness of flight simulation train-
4 ing devices in training pilots, including an analysis
5 of—

6 (A) how such devices are utilized by the
7 armed forces (as such term is defined in section
8 101 of title 10, United States Code) to train
9 military pilots; and

10 (B) how such devices may improve pilot
11 competency due to the replication, at a min-
12 imum, of—

13 (i) a multi-crew environment;

14 (ii) operations in complex or con-
15 gested airspace; or

16 (iii) freedom of motion.

17 (4) The cost of acquiring flight simulation
18 training devices and the availability of such devices,
19 including identifying any supply chain issues.

20 (5) The potential cost savings of using flight
21 simulation training devices as compared to tradi-
22 tional aircraft for training.

23 (6) Any other regulatory updates that can help
24 safely train pilots in gaining the required aero-

1 nautical experience requirements to obtain the cer-
2 tificates described in subsection (a).

3 (c) REPORT.—Not later than 180 days after the date
4 of enactment of this Act, the Administrator shall submit
5 to the Committee on Transportation and Infrastructure
6 of the House of Representatives and the Committee on
7 Commerce, Science, and Transportation of the Senate a
8 report on the results of the study conducted under sub-
9 section (a).

10 (d) FLIGHT SIMULATION TRAINING DEVICE DE-
11 FINED.—In this section, the term “flight simulation train-
12 ing device” has the meaning given such term in part 1
13 of title 14, Code of Federal Regulations, and appendix F
14 to such title.

