

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

Page 616, strike lines 11 through line 5 on page
617 and insert the following:

1 (1) IN GENERAL.—The Administrator of the
2 Federal Aviation Administration shall, after con-
3 sultation with aircraft manufacturers, institutions of
4 higher learning, the Administrator of the National
5 Aeronautics and Space Administration, the Sec-
6 retary of Defense, and any other agencies the Ad-
7 ministrator determines appropriate, conduct a study
8 to assess actions necessary to facilitate the safe op-
9 eration and integration of hypersonic aircraft into
10 the national airspace system.

11 (2) CONTENTS.—In carrying out the study
12 under paragraph (1), the Administrator shall—

13 (A) assess various altitudes and operating
14 conditions of high speed aircraft in Class E air-
15 space above the upper boundary of Class A air-
16 space and the resulting aircraft noise levels at
17 the surface;

1 (B) include the development of a frame-
2 work and timeline to establish the appropriate
3 regulatory requirements to conducting high-
4 speed aircraft flights;

5 (C) identify the data required to develop
6 certification, flight standards, and air traffic re-
7 quirements for the deployment and integration
8 of high-speed aircraft;

9 (D) assess cross-agency equities related to
10 high-speed aircraft technologies and flight; and

11 (E) survey global high-speed aircraft-re-
12 lated regulatory and testing developments or ac-
13 tivities.

14 (3) RECOMMENDATIONS.—As part of the study
15 under paragraph (1), the Administrator shall issue
16 recommendations to update, if feasible, regulations
17 for certification, flight standards and air traffic
18 management.

Page 617, after line 5, insert the following (and re-
designate the subsequent subsection accordingly):

19 (c) REPORT.—Not later than 2 years after the date
20 of enactment of this Act, the Administrator shall submit
21 to the Committee on Transportation and Infrastructure
22 of the House of Representatives and the Committee on
23 Commerce, Science, and Transportation of the Senate a

1 report on the results of the study conducted under sub-
2 section (a), including the recommendations under sub-
3 section (b)(3), to facilitate the safe operation and integra-
4 tion of high-speed aircraft in the national airspace system.

5 (d) STUDY AND RULEMAKING ON HIGH ALTITUDE
6 CLASS E AIRSPACE FLIGHT OPERATIONS.—

7 (1) CONSULTATION.—Not later than 12 months
8 after the date of enactment of this section, the Ad-
9 ministrator, in consultation with the Administrator
10 of the National Aeronautics and Space Administra-
11 tion and relevant stakeholders, including industry
12 and academia, shall identify the minimum altitude
13 above the upper boundary of Class A airspace at or
14 above which flights operating with speeds above
15 Mach 1 generate sonic booms that are inaudible at
16 the surface under prevailing atmospheric conditions.

17 (2) RULEMAKING.—Not later than 2 years after
18 the date on which the Administrator identifies the
19 minimum altitude described in paragraph (1), the
20 Administrator shall publish in the Federal Register
21 a notice of proposed rulemaking to amend sections
22 91.817 and 91.818 of title 14, Code of Federal Reg-
23 ulations, and such other regulations as appropriate,
24 to permit flight operations with speeds above Mach
25 1 at or above the minimum altitude identified under

1 paragraph (1) without specific authorizations, pro-
2 vided that such flight operations—

3 (A) show compliance with airworthiness re-
4 quirements;

5 (B) do not cause a measurable sonic boom
6 over pressure to reach the surface; and

7 (C) have ordinary instrument flight rules
8 clearances necessary to operate in controlled
9 airspace.

Page 617, line 8, strike “may” and insert “shall”.

