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(Original Signature of Member)

119TH CONGRESS
2D SESSION

H. R. _____

To require the Administrator of the Federal Aviation Administration to submit to Congress an action plan for advancing the deployment of the Airborne Collision Avoidance System-X, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

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

A BILL

To require the Administrator of the Federal Aviation Administration to submit to Congress an action plan for advancing the deployment of the Airborne Collision Avoidance System-X, 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 “Next-Gen Collision
5 Avoidance Act”.

6 **SEC. 2. ACAS-X ACTION PLAN.**

7 (a) ACAS-X ACTION PLAN.—

1 (1) IN GENERAL.—Not later than 180 days
2 after the date of enactment of this Act, the Adminis-
3 trator of the Federal Aviation Administration shall
4 submit to the appropriate committees of Congress
5 an action plan for advancing the deployment of the
6 Airborne Collision Avoidance System-X (in this sec-
7 tion referred to as “ACAS-X”), ACAS-Xa, ACAS-
8 Xr, ACAS-Xo, ACAS-Xu, ACAS-sXu, ACAS-Xp,
9 or any variant or successor technology, in the na-
10 tional airspace system. The Administrator shall pub-
11 lish the action plan in a publicly available format not
12 later than 10 days after submitting such action plan
13 to Congress.

14 (2) CONTENTS.—In developing the action plan
15 under paragraph (1), the Administrator shall in-
16 clude—

17 (A) a strategic roadmap for the deploy-
18 ment of ACAS-X technology, including steps re-
19 quired for widespread adoption among aircraft
20 operators;

21 (B) actions and funding necessary to com-
22 plete any applicable research, development, test-
23 ing, evaluation, and standards development
24 needed to support the certification of such tech-
25 nology;

1 (C) plans for engagement with appropriate
2 stakeholders, including—

3 (i) aircraft operators;

4 (ii) aviation safety experts outside the
5 FAA;

6 (iii) avionics manufacturers;

7 (iv) aircraft manufacturers;

8 (v) general aviation organizations;

9 (vi) organizations representing cer-
10 tified collective bargaining representatives
11 of airline pilots;

12 (vii) labor organizations representing
13 air carrier pilots, including the principal
14 organization representing the largest cer-
15 tified collective bargaining representative
16 of airline pilots; and

17 (viii) any other stakeholders deter-
18 mined appropriate by the Administrator;

19 (D) engagement with foreign civil aviation
20 authorities to harmonize international stand-
21 ards for certification of such technology;

22 (E) ACAS-X interoperability consider-
23 ations for aircraft operators (including rotor-
24 craft operators) equipped with ADS-B Out and
25 ADS-B In equipment;

1 (F) an assessment of safety benefits for
2 aircraft operators equipping with such tech-
3 nology, including civil operators; and

4 (G) any recommendations for administra-
5 tive or legislative action, as determined appro-
6 priate by the Administrator, to advance such
7 technology deployment.

8 (3) IMPLEMENTATION.—The Administrator
9 may take actions, as appropriate, to implement the
10 action plan developed under paragraph (1).

11 (4) BRIEFING.—Not later than 30 days after
12 the date on which the Administrator submits the ac-
13 tion plan under paragraph (1), the Administrator
14 shall brief the appropriate committees of Congress
15 on the contents of such action plan and any prospec-
16 tive actions to implement such plan.

17 (b) DEFINITIONS.—In this section:

18 (1) ADS-B IN.—The term “ADS-B In” means
19 onboard avionics equipment that receives and proc-
20 esses Automatic Dependent Surveillance-Broadcast
21 transmissions that are broadcast in accordance with
22 sections 91.225 and 91.227 of title 14, Code of Fed-
23 eral Regulations (or any successor regulations), and
24 other aviation advisory information from ground sta-

1 tions, that provides the aircraft with awareness to
2 the location of other aircraft and traffic advisories.

3 (2) ADS-B OUT.—The term “ADS-B Out”—

4 (A) has the meaning given such term in
5 section 91.227 of title 14, Code of Federal Reg-
6 ulations; and

7 (B) broadcasts information from the air-
8 craft in accordance with sections 91.225 and
9 91.227 of such title 14 (or any successor regu-
10 lations).

11 (3) APPROPRIATE COMMITTEES OF CON-
12 GRESS.—The term “appropriate committees of Con-
13 gress” means the Committee on Commerce, Science,
14 and Transportation of the Senate and the Com-
15 mittee on Transportation and Infrastructure of the
16 House of Representatives.

17 (4) FAA.—The term “FAA” means the Fed-
18 eral Aviation Administration.

19 (5) ROTORCRAFT.—The term “rotorcraft” has
20 the meaning given such term in section 1.1 of title
21 14, Code of Federal Regulations (or any successor
22 regulation).