

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. 3935
OFFERED BY MR. VAN DREW OF NEW JERSEY**

After section 140, insert the following:

1 **SEC. 141. OFFICE OF ADVANCED AVIATION TECHNOLOGY**
2 **AND INNOVATION.**

3 Section 106 of title 49, United States Code, is further
4 amended by adding at the end the following:

5 “(u) OFFICE OF THE ASSOCIATE ADMINISTRATOR
6 FOR ADVANCED AVIATION TECHNOLOGY AND INNOVA-
7 TION.—

8 “(1) ESTABLISHMENT.—There is established in
9 the Federal Aviation Administration the Office of
10 Advanced Aviation Technology and Innovation (in
11 this subsection referred to as the ‘Office’).

12 “(2) ASSOCIATE ADMINISTRATOR.—The Office
13 shall be headed by an Associate Administrator, who
14 shall—

15 “(A) be appointed by the Administrator;
16 and

17 “(B) report directly to the Administrator.

18 “(3) PURPOSES.—The purposes of the Office
19 are to—

1 “(A) serve as an entry point for stake-
2 holders to share information with the Federal
3 Aviation Administration on advanced aviation
4 technologies;

5 “(B) examine the potential impact of ad-
6 vanced aviation technologies on the national air-
7 space system, and methods to safely integrate
8 into the national airspace system;

9 “(C) work collaboratively with subject mat-
10 ter experts from all lines of business and staff
11 offices to examine advanced aviation tech-
12 nologies and concepts for integration into the
13 national airspace system in an expeditious man-
14 ner that takes into account acceptable levels of
15 risk;

16 “(D) lead cross-U.S. government collabo-
17 rative efforts to develop integrated approaches
18 for the acceleration and deployment of Ad-
19 vanced Technologies;

20 “(E) provide leadership with regard to in-
21 ternal collaboration, industry engagement, and
22 collaboration with international partners;

23 “(F) lead cross-FAA integration, planning,
24 coordination, and collaboration in support of

1 the integration of advanced aviation tech-
2 nologies ;

3 “(G) support the development of safety
4 cases for advanced aviation technologies in co-
5 ordination with the operational approval office;
6 and

7 “(H) coordinate and review approval of ad-
8 vanced aviation technologies, including support
9 to and approval of any required rulemakings,
10 exemptions, waivers, or other types of author-
11 izations, as appropriate.

12 “(4) DUTIES.—The Associate Administrator
13 shall—

14 “(A) establish, manage, and oversee the
15 Office of Advanced Aviation Technology and In-
16 novation;

17 “(B) develop and maintain a comprehen-
18 sive strategy and action plan for fully inte-
19 grating advanced aviation technologies into the
20 national aviation ecosystem and providing full
21 authorization for operations at scale for each of
22 these technologies;

23 “(C) collaborate with Federal Aviation Ad-
24 ministration organizations to identify and de-
25 velop specific recommendations to address skills

1 gaps in the existing engineer and inspector
2 workforce involved in the certification and oper-
3 ational approval of safety technology;

4 “(D) coordinate and review, as appro-
5 priate, rulemaking activities related to advanced
6 aviation technologies, including by scoping com-
7 plex regulatory issues, evaluating internal proc-
8 esses, and positioning the Federal Aviation Ad-
9 ministration to support aerospace innovation;

10 “(E) coordinate and review, as appro-
11 priate, applications for type, production, or air-
12 worthiness certificates, or alternatives to air-
13 worthiness certificates, operating and pilot cer-
14 tification, and airspace authorizations, among
15 others, related to advanced aviation tech-
16 nologies;

17 “(F) coordinate and review, as appro-
18 priate, applications for waivers, exemptions and
19 other operational authorizations;

20 “(G) coordinate and review the implemen-
21 tation of the process required by section 2209
22 of the FAA Extension, Safety, and Security Act
23 of 2016 (as amended) (49 U.S.C. 40101 note);

24 “(H) coordinate with the Chief Operating
25 Officer of the Air Traffic Organization and

1 other agency leaders to develop policies to ad-
2 dress airspace integration issues at all levels of
3 uncontrolled and controlled airspace;

4 “(I) implement the BEYOND program
5 and the UAS Test Site Program, among others,
6 and develop other pilot programs in partnership
7 with industry stakeholders and State, local, and
8 Tribal Governments to enable highly automated
9 and autonomous operations of Advanced Tech-
10 nologies unmanned aircraft systems, AAM, and
11 other innovative aviation technologies at scale
12 by providing the data necessary to support
13 rulemakings and other approval processes;

14 “(J) serve as the designated Federal offi-
15 cer to the Advanced Aviation Technology and
16 Innovation Steering Committee; and

17 “(K) serve as the Federal Aviation Admin-
18 istration lead for the Drone Safety Team.

19 “(5) CONGRESSIONAL BRIEFINGS.—Not later
20 than 60 days after establishing the position in para-
21 graph (1), and on a quarterly basis thereafter, the
22 Administrator shall brief the appropriate committees
23 of Congress on the status of—

24 “(A) implementing the comprehensive
25 strategy and action plan for fully integrating

1 advanced aviation technologies into the national
2 aviation ecosystem and providing full authoriza-
3 tion for operations at scale for each of these
4 technologies;

5 “(B) rulemakings, major guidance docu-
6 ments, and other agency pilot programs or ini-
7 tiatives supporting the comprehensive strategy
8 and action plan;

9 “(C) implementing recommendations from
10 the Advanced Aviation Technology and Innova-
11 tion Steering Committee; and

12 “(D) engagement with international avia-
13 tion regulators to develop global standards for
14 advanced aviation technologies.

15 “(6) UAS INTEGRATION OFFICE.—Not later
16 than 90 days after the date of enactment of this
17 subsection, the functions, duties and responsibilities
18 of the UAS Integration Office shall be incorporated
19 into the Office.

20 “(7) DEFINITIONS.—In this subsection:

21 “(A) AAM.—The term ‘AAM’ has the
22 meaning given the term ‘advanced air mobility’
23 in section 2(i)(1) of the Advanced Air Mobility
24 Coordination and Leadership Act (49 U.S.C.
25 40101 note).

1 “(B) ADVANCED AVIATION TECH-
2 NOLOGIES.—The term ‘advanced aviation tech-
3 nologies’ means technologies for which introduc-
4 tion has potential safety implications and shall
5 include unmanned aircraft systems, powered-lift
6 aircraft, electric propulsion, and super- and
7 hypersonic aircraft.”.

