

Union Calendar No. 115

117TH CONGRESS
1ST SESSION

H. R. 1339

[Report No. 117–158]

To require the Secretary of Transportation to establish an advanced air mobility interagency working group, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 25, 2021

Ms. DAVIDS of Kansas (for herself and Mr. GRAVES of Louisiana) introduced the following bill; which was referred to the Committee on Transportation and Infrastructure

NOVEMBER 1, 2021

Additional sponsors: Mr. LARSEN of Washington, Mr. CARBAJAL, Mr. KAHELE, Mr. MANN, Mr. CARSON, Mr. BALDERSON, Mr. STANTON, Ms. VAN DUYNE, and Mr. LATURNER

NOVEMBER 1, 2021

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in *italic*]

[For text of introduced bill, see copy of bill as introduced on February 25, 2021]

A BILL

To require the Secretary of Transportation to establish an advanced air mobility interagency working group, 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 “Advanced Air Mobility*
5 *Coordination and Leadership Act”.*

6 **SEC. 2. ADVANCED AIR MOBILITY WORKING GROUP.**

7 *(a) WORKING GROUP.—Not later than 120 days after*
8 *the date of enactment of this Act, the Secretary of Transpor-*
9 *tation shall establish an advanced air mobility interagency*
10 *working group (in this section referred to as the “working*
11 *group”).*

12 *(b) PURPOSE.—The purpose of the working group es-*
13 *tablished under subsection (a) shall be to plan and coordi-*
14 *nate efforts related to the safety, operations, infrastructure,*
15 *physical security, cybersecurity, and Federal investment*
16 *necessary for maturation of the AAM ecosystem in the*
17 *United States. It is critical that Government agencies col-*
18 *laborate in order to enhance United States leadership, de-*
19 *velop new transportation options, amplify economic activ-*
20 *ity and jobs, advance environmental sustainability and new*
21 *technologies, and support emergency preparedness and com-*
22 *petitiveness.*

23 *(c) MEMBERSHIP.—Not later than 60 days after the*
24 *establishment of the working group under subsection (a),*
25 *the Secretary of Transportation shall—*

1 (1) *appoint the Under Secretary of Transpor-*
2 *tation for Policy to chair the working group;*

3 (2) *designate not less than one additional rep-*
4 *resentative to participate on the working group from*
5 *each of—*

6 (A) *the Department of Transportation; and*

7 (B) *the Federal Aviation Administration;*

8 *and*

9 (3) *invite the heads of each of the following de-*
10 *partments or agencies to designate not less than 1*
11 *representative to participate on the working group,*
12 *including—*

13 (A) *the National Aeronautics and Space*
14 *Administration;*

15 (B) *the Department of Defense;*

16 (C) *the Department of Energy;*

17 (D) *the Department of Homeland Security;*

18 (E) *the Department of Commerce;*

19 (F) *the Federal Communications Commis-*
20 *sion; and*

21 (G) *such other departments or agencies as*
22 *the Secretary of Transportation determines ap-*
23 *propriate.*

24 (d) *COORDINATION.—*

1 (1) *IN GENERAL.*—*The Secretary of Transpor-*
2 *tation and Administrator of the Federal Aviation Ad-*
3 *ministration shall coordinate with aviation industry*
4 *and labor stakeholders, stakeholder associations, and*
5 *others determined appropriate by the Secretary of*
6 *Transportation and the Administrator of the Federal*
7 *Aviation Administration, including the following:*

8 (A) *Manufacturers of aircraft, avionics,*
9 *propulsion systems, and air traffic management*
10 *systems.*

11 (B) *Intended operators of AAM aircraft.*

12 (C) *Commercial air carriers, commercial*
13 *operators, and general aviation operators, in-*
14 *cluding helicopter operators.*

15 (D) *Airports, heliports, and fixed-base oper-*
16 *ators.*

17 (E) *Aviation training and maintenance*
18 *providers.*

19 (F) *Certified labor representatives of pilots,*
20 *air traffic control specialists employed by the*
21 *Federal Aviation Administration, aircraft me-*
22 *chanics, and aviation safety inspectors.*

23 (G) *State, local, and Tribal officials or pub-*
24 *lic agencies.*

25 (H) *First responders.*

1 (I) Groups representing environmental in-
2 terests.

3 (J) Electric utilities, energy providers, en-
4 ergy market operators, and wireless providers.

5 (K) Unmanned aircraft system operators
6 and service suppliers.

7 (L) Groups representing consumer interests.

8 (M) Groups representing the interests of
9 taxpayers.

10 (2) *ADVISORY COMMITTEES.*—*The Secretary of*
11 *Transportation and Administrator of the Federal*
12 *Aviation Administration may use such Federal advi-*
13 *sory committees as may be appropriate to coordinate*
14 *with the entities listed in paragraph (1).*

15 (e) *REVIEW AND EXAMINATION.*—*Not later than 1 year*
16 *after the establishment of the working group under sub-*
17 *section (a), the working group shall complete a review and*
18 *examination of, at a minimum—*

19 (1) *steps that will mature AAM aircraft oper-*
20 *ations, concepts, and regulatory frameworks beyond*
21 *initial operations;*

22 (2) *safety requirements and physical and cyber-*
23 *security involved with future air traffic management*
24 *concepts which may be considered as part of the evo-*
25 *lution of AAM to higher levels of traffic density;*

1 (3) *current Federal programs and policies that*
2 *may be leveraged to advance the maturation of the*
3 *AAM industry;*

4 (4) *infrastructure, including aviation,*
5 *multimodal, cybersecurity, and utility infrastructure,*
6 *necessary to accommodate and support expanded op-*
7 *erations of AAM after initial implementation;*

8 (5) *anticipated benefits associated with AAM*
9 *aircraft operations, including economic, environ-*
10 *mental, emergency and natural disaster response, and*
11 *transportation benefits; and*

12 (6) *other factors that may limit the full potential*
13 *of the AAM industry, including community accept-*
14 *ance of AAM operations.*

15 (f) *PLAN AND RECOMMENDATIONS.—Based on the re-*
16 *view and examination performed under subsection (e), the*
17 *working group shall develop—*

18 (1) *recommendations regarding the safety, oper-*
19 *ations, security, cybersecurity, infrastructure, and*
20 *other Federal investment or actions necessary to sup-*
21 *port the evolution of early AAM to higher levels of ac-*
22 *tivity and societal benefit; and*

23 (2) *a comprehensive plan detailing the roles and*
24 *responsibilities of each Federal department or agency*

1 to facilitate or implement the recommendations in
2 paragraph (1).

3 (g) *REPORT*.—Not later than 180 days after the com-
4 pletion of the review and examination completed under sub-
5 section (e), the working group shall submit to the Committee
6 on Transportation and Infrastructure of the House of Rep-
7 resentatives and the Committee on Commerce, Science, and
8 Transportation of the Senate a report that—

9 (1) details the review and examination per-
10 formed under subsection (e); and

11 (2) provides the plan and recommendations de-
12 veloped under subsection (f).

13 (h) *DEFINITIONS*.—In this Act:

14 (1) *ADVANCED AIR MOBILITY; AAM*.—The terms
15 “advanced air mobility” and “AAM” mean a trans-
16 portation system that transports people and property
17 by air between two points in the United States using
18 aircraft, including electric aircraft or electric vertical
19 take-off and landing aircraft, in both controlled and
20 uncontrolled airspace.

21 (2) *ELECTRIC AIRCRAFT*.—The term “electric
22 aircraft” means an aircraft with a fully electric or
23 hybrid (fuel and electric) driven propulsion system
24 used for flight.

1 (3) *FIXED-BASE OPERATOR.*—*The term “fixed-*
2 *base operator” means a business granted the right by*
3 *an airport sponsor or heliport sponsor to operate on*
4 *an airport or heliport and provide aeronautical serv-*
5 *ices, including fueling and charging, aircraft*
6 *hanging, tiedown and parking, aircraft rental, air-*
7 *craft maintenance, and flight instruction.*

8 (4) *STATE.*—*The term “State” has the meaning*
9 *given such term in section 47102 of title 49, United*
10 *States Code.*

11 (5) *VERTICAL TAKE-OFF AND LANDING.*—*The*
12 *term “vertical take-off and landing” means an air-*
13 *craft with lift/thrust units used to generate powered*
14 *lift and control and with two or more lift/thrust units*
15 *used to provide lift during vertical take-off or land-*
16 *ing.*

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