

House File 2405 - Introduced

HOUSE FILE 2405
BY WILLS

A BILL FOR

- 1 An Act creating a study committee on advanced air mobility.
- 2 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

unofficial

1 Section 1. DEPARTMENT OF TRANSPORTATION — STUDY COMMITTEE —
2 ADVANCED AIR MOBILITY.

3 1. The department of transportation shall convene a study
4 committee to evaluate whether an advisory committee is necessary
5 to support advanced air mobility planning within this state. All
6 provisions of this Act shall be interpreted in a manner that
7 conforms to and is preempted by applicable federal law, including
8 the Federal Aviation Act and regulations issued by the federal
9 aviation administration.

10 2. The study committee shall include representatives
11 from state aviation experts, vertical takeoff and landing
12 vehicle experts, conventional takeoff and landing vehicle
13 experts, advanced air mobility industries, the department of
14 transportation, and other key stakeholders as determined by the
15 study committee members.

16 3. a. If the study committee determines that an advisory
17 committee is not necessary, the study committee shall still
18 actively solicit input from industry stakeholders and file
19 a report on advanced air mobility planning with the general
20 assembly on or before January 11, 2027.

21 b. If the study committee determines that an advisory
22 committee is necessary, the department shall establish an
23 advisory committee.

24 4. The advisory committee shall do all of the following:

25 a. Review Iowa Code and Iowa administrative code and
26 recommend any changes that are necessary to facilitate advanced
27 air mobility implementation to the general assembly.

28 b. Conduct a fiscal assessment to identify existing
29 resources, estimate future needs, and prioritize investments
30 required for the effective implementation of advanced air
31 mobility.

32 c. Designate a subject matter expert for advanced air
33 mobility within the department of transportation who must be
34 available as a resource for local and regional jurisdictions
35 navigating advances in aviation technology, including electric

1 powered-lift aircraft and electric aviation.

2 d. Review existing state aviation standards and guidelines,
3 airport facility planning, and compatibility guidance to ensure
4 that the standards, guidelines, planning, and guidance are
5 applicable to advanced air mobility planning.

6 e. Provide local and regional jurisdictions with a guidebook
7 and technical resources to support uniform planning and zoning
8 language across the state related to powered-lift aircraft,
9 electric aviation, and other advances in aviation technology.

10 f. Estimate the required electrical generation and
11 transmission capacity with the major state utilities, for the
12 different implementation phases of advanced air mobility in the
13 state.

14 g. Coordinate with stakeholders to identify possible advanced
15 air mobility transportation hubs throughout the state to support
16 innovative point-to-point transportation options.

17 h. Provide resources and assistance on advanced air mobility
18 technology and infrastructure to local governments, regional
19 councils, transportation planning organizations, the advanced
20 air mobility industry, and other relevant entities to support
21 integration of advanced air mobility innovation with community
22 planning and promote advanced air mobility technology.

23 i. Ensure any recommendations are safe and consistent within
24 this state.

25 j. File a report providing relevant details from the advisory
26 committee's actions and recommendations with the general assembly
27 on or before January 10, 2028, including possible permanent
28 codification of this subsection.

29 5. For purposes of this section:

30 a. "Advanced air mobility" means an air transportation
31 system primarily utilizing electric aircraft, including electric
32 vertical takeoff and landing aircraft and electric conventional
33 takeoff and landing aircraft, to carry passengers, carry cargo,
34 or provide services in an urban or regional setting.

35 b. "Electric aircraft" includes electric vertical takeoff and

1 landing aircraft and electric conventional takeoff and landing
2 aircraft with a gross takeoff weight of three hundred pounds or
3 more.

4 c. "Powered-lift aircraft" means aircraft capable of vertical
5 takeoff, vertical landing, and low speed flight that depends
6 principally on either engine-driven lift devices or engine thrust
7 for lift and on nonrotating airfoils for lift during horizontal
8 flight.

9 6. This section is repealed July 1, 2028.

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EXPLANATION

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The inclusion of this explanation does not constitute agreement with

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the explanation's substance by the members of the general assembly.

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This bill directs the department of transportation (DOT)
14 to convene a study committee to evaluate whether an advisory
15 committee is necessary to support advanced air mobility planning
16 within Iowa.

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The study committee must include representatives from state
18 aviation experts, vertical takeoff and landing vehicle experts,
19 conventional takeoff and landing vehicle experts, advanced air
20 mobility industries, the DOT, and other key stakeholders as
21 determined by the study committee members.

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If the study committee determines that an advisory committee
23 is not necessary, the study committee is required to actively
24 solicit input from industry stakeholders and file a report on
25 advanced air mobility planning with the general assembly on or
26 before January 11, 2027.

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If the study committee determines that an advisory committee
28 is necessary, the DOT must establish an advisory committee with
29 duties described in the bill, including but not limited to
30 the duty to file a report providing relevant details from the
31 advisory committee's actions and recommendations with the general
32 assembly on or before January 10, 2028.