



Oregon Aviation Industries



February 15, 2023

To: Senate Committee on Energy and Environment

Please include "aircraft" in the definition of "vehicle" in Senate Bill 125.

"Fuel cell electric aircraft" are currently being test flown.

ZeroAvia flew a 19 seat Dornier 228 on January 19, 2023 in the UK with one carbon-based fuel engine and one electric engine powered by a hydrogen fuel cell.

Universal Hydrogen will test fly a 40 seat Dash 8 aircraft at Moses Lake Grant County Airport in February 2023 with one carbon-based fuel engine and one electric engine powered by a hydrogen fuel cell. The FAA has granted approval for the test.

The State of Washington is developing hydrogen fueling plans for aircraft at Everett Paine Field and at Moses Lake Grant County International Airport airports. Oregon should be developing similar infrastructure plans.

Aircraft that generate their own electricity by combining oxygen from the air with hydrogen from an onboard storage tank, emitting only water vapor and heat from the vehicle should be included in the definition of "vehicle" for the purposes of grants.

The environment will benefit from zero emission vehicles on the road and in the air.

Respectfully,

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