

From: Henry Oberhelman
To: [HTP Exhibits](#)
Subject: House Bill 2109 - Prohibits selling, dispensing or using aviation fuel that contains lead or lead compounds after January 1, 2022.
Date: Tuesday, February 21, 2017 3:03:52 PM

Dear Committee Members:

I'm writing in support of HB 2109.

I served as Chair of a Subcommittee of HARE(Hillsboro Airport Roundtable Exchange) until the Port of Portland ended its support of the exchange in late 2016. During that time we learned about the FAA (Federal Aviation Administration) program for eliminating leaded aviation fuel. We learned:

That a replacement for leaded aviation fuel is planned to be available in December 2018. The wording for the end date from a 2016 program update is: "Dec 2018; Fuel Complete PAFI testing to support fleet-wide "approval"" Note: PAFI is Piston Aviation Fuels Initiative.

The replacement fuel program is, in the words of PAFI, "... an immensely complicated undertaking..." This is apparent from the combinations of aircraft, flying conditions as well as the associated fuel storage and distribution infrastructure that have to be satisfied to provide suitable fuel for the existing fleet of piston engine aircraft. As a result the December 2018 approval date should be viewed with some skepticism.

The goal of the program is fleet wide approval, that is to say there is the possibility of exemptions for certain aircraft.

We were unable to identify a likely date by which all eligible aircraft would be using the replacement.

There are existing alternative fuels, Mogas for one, which can be used by many aircraft at this time and can be supplied to the Hillsboro Airport by the Port of Portland. In addition, aircraft manufacturers are evaluating the diesel fuel as conversions.

In summary, I believe a date certain of 2022 for elimination of leaded aviation fuel is both practical and needed.

Respectfully,

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