

# Notices



## FAAS Team Notice

Type: **General Information**

Notice Date: **Friday, March 4, 2022**

Notice Number: **NOTC2276**

## **FAA, Industry Chart Path to Eliminate Lead Emissions from GA by the End of 2030**

GA Pilot Community:

Today, the FAA and our industry partners announced a safe path toward an unleaded general aviation future. You probably have many questions on what this means for your aircraft, what the timing is, and how the FAA will support the diverse group of piston engines operating today.

We want you to hear it first and directly from us. Here are the facts:

### WHAT WAS ANNOUNCED

A new initiative that outlines how the FAA and our aviation stakeholders can safely eliminate the use of leaded aviation fuel by the end of 2030 without adversely affecting the existing piston-engine fleet. This isn't a mandate. It's a way that we can safely make this transition.

### HOW WE WILL ACHIEVE THIS

There are four pillars to this partnership between government and industry:

- **Develop Unleaded Fuels Infrastructure and Assess Commercial Viability:** Industry stakeholders will coordinate the production of commercially viable unleaded fuels and create the necessary infrastructure and distribution channels to support widespread usage of these fuels.
- **Support Research & Development and Technology Innovations:** The FAA and industry stakeholders will support research and testing of piston engine modifications and/or engine retrofits that may be necessary for unleaded fuel operations.
- **Continue to Evaluate and Authorize Safe Unleaded Fuels:** The FAA will address fleet-wide authorization of unleaded aviation fuels of different octane levels. The Piston Aviation Fuel Initiative will continue to evaluate, test and qualify high-octane aviation unleaded fuels with the objective to ultimately transition the fleet to unleaded aviation fuel. Learn more at [faa.gov/sustainability](https://faa.gov/sustainability).
- **Establish Any Necessary Policies:** The EPA is evaluating whether emissions from piston-engine aircraft operating with leaded fuel contribute to air pollution that endangers public health. The EPA plans to issue a proposal for public review and comment in 2022 and take final action in 2023, which can lead to EPA regulation of lead emissions from piston-engine aircraft. The FAA will subsequently publish regulations that certify piston engine modifications, new piston engines that do not require leaded aviation fuel, and regulate fuel components for aviation fuels.

### WHAT HAPPENS NEXT

As our work progresses, we will keep you and your pilot associations informed about key issues such as unleaded fuel evaluations, infrastructure development, decisions about engine modifications and retrofits, and changes in regulations. We will work on getting every member of the GA community involved so that the transition away from leaded fuel will keep you flying safely.

If you have comments, you can email the FAA at [9-AOC-eagle@faa.gov](mailto:9-AOC-eagle@faa.gov)

Eliminate Aviation Gasoline Lead Emissions (EAGLE) Initiative

Sincerely,

The FAA