



Saving thousands of pilots, millions of dollars, since 1983.



OVER 38,000 SOLD WORLDWIDE

AUTO FUEL STC

Approved for 48 engine types and 100+ airframes

including nearly all 80/87 octane engines and the majority of airplanes in which these engines were installed. Several high compression engines are also approved for the use of 91 octane auto fuel including the 180 horsepower O-360 and the O-235-L2C.

See if an STC is available for your aircraft. >

Order online.

Approved Engines & Airframes

STC Specs

Mogas

Fuel Testing

News



Why install an Auto Fuel STC?

Autofuel STC's automatically approve the airplane & engine for **UL91-UL94** in addition to autofuel.

We also have STC's for unleaded Avgas in a number of airplanes not approved for autofuel. Call for details: [308-832-2200](tel:308-832-2200)

The use of auto fuel is the best thing that has happened to general aviation in the last three decades. In an era when the cost of flying has inflated to ridiculously high levels, Auto Fuel STCs have done more than anything else to reduce costs. Enjoy the following benefits when you install an Auto Fuel STC on your aircraft:

Significant savings on fuel

The price difference between auto fuel (mogas) and aviation fuel (avgas) is significant. An airplane averaging 15 gallons per hour, at a savings of only 50 cents per gallon will cost \$7.50 per hour less to operate than when using avgas. In 200 hours, this adds up to \$1500. Savings of even half this amount would clearly justify the installation of an Auto Fuel STC.

Reduced maintenance costs

Many of our customers use mogas simply because their airplanes run better on it than they do on 100LL which contains twice as much lead as regular leaded auto fuel prior to the lead reductions which took place in 1986. This excess lead contributes to a host of problems including fouled plugs and sticking valves. Many pilots are switching to mogas simply due to an increasingly limited supply of 100LL. In many regions of the world, it is next to impossible to find 100LL at any price.

Impeccable safety record

Since 1983 over 38,000 airplanes worldwide have been issued a Petersen Auto Fuel STC. These numbers, coupled with nearly 40 years of use clearly demonstrates the suitability of automotive gasoline for General Aviation.

Accepted worldwide

Most countries accept US Auto Fuel STCs or approve them in conjunction with local Flight Manual Supplements. Mogas is available at many airports.

[View a list of airports that sell mogas.](#)



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DO NOT USE FUEL CONTAINING ETHANOL

Ethanol can damage the rubber and aluminum components of your fuel system. It increases the volatility of fuel and may vent off at altitude, reducing both range and octane.

[Learn about how fuel with ethanol in it can cause damage to your aircraft.](#)

[Order the ethanol test kit.](#)

Contact

Do you have a question about auto fuel STCs?

We support...

Name: How can I help you?

Email:

Phone:

Wondering if your airplane is approved?
[Check FAQs before sending your inquiry.](#)

Send us your message. >



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