

Each day, our highly trained and dedicated staff safely and efficiently refuel more than 6,000 aircraft in more than 55 countries globally.

Known for our safety culture and strict product quality and handling procedures throughout the supply chain, our customers trust in the performance and quality of our fuels.

Our fuel is available at 800 locations worldwide, all regularly audited so our customers can be confident that they operate at or above global standards.

Our unleaded Avgas grade UL91 is a dedicated aviation fuel providing an alternative to Mogas.

UL91 is suitable for around 55% of planes and is available at specific airports in Norway, Sweden, Denmark, France and Germany

Compared to Mogas, UL91 has an assured energy content with no alcohols or ethers which may reduce aircraft range.

UL91 has a fixed volatility range and is designed to work year-round without seasonal variations. It is better for your aircraft as it contains no ethanol which can damage aircraft fuel system components.

We are also working with the aviation industry on an unleaded Avgas to replace the most popular 100LL grade. We will continue to supply Avgas 100LL until a suitable alternative is found.

Purchasing unleaded across our network

UL91 can currently be purchased at specific airports in Norway, Sweden, Denmark, France and Germany.

Check airbp.com/wheretofind for the latest information on locations that supply UL91.



To prevent misfuelling, UL91 is usually supplied through self-serve machines that require a specific Air bp UL91 Sterling card.

How to apply for a UL91 Sterling card

Our Sterling card is a unique grade specific ID card which helps prevent misfuelling. Card holders benefit from quick and simple fuel purchase.

Accepted at hundreds of bp locations worldwide, you can purchase fuel with no pre-arrangement necessary. Many locations have easy-to-use self-serve machines with full instructions provided.

Existing Air bp customers can contact their account manager for a UL91 Sterling card or by contacting sterling@bp.com (please include details of your aircraft registration, aircraft type, engine type).

Not currently a Sterling card holder?

Visit airbp.com/sterlingcard

In some locations, UL91 can be supplied in drums. For more information contact your local office.



Unleaded Avgas UL91

Better for your aircraft and a safer aviation alternative to Mogas



airbp.com

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For approved aircraft, why choose UL91 over Mogas:

-  **It is an aviation fuel**
 Specifically developed by the aviation industry for flight use.
-  **It has an assured energy content**
 No alcohols or ethers which may reduce aircraft range.
-  **It has a fixed volatility range**
 No seasonal variations, designed to work year-round. Specifications to help reduce carburettor icing risk in variable weather / temperature conditions.
-  **And, it is better for your aircraft**
 No ethanol which can damage fuel system components.

UL91 an approved aviation fuel

Specification and cleanliness requirements for UL91 are overseen by the aviation industry – aircraft / engine manufacturers, fuel suppliers, the European Aviation Safety Agency (EASA) and Federal Aviation Administration (FAA).

- International specification covered by military Defence Standard and ASTM.
- 91 MON – suitable for many aircraft types.
- Good energy content and fixed volatility range.
- No ethanol / oxygenate blending components or unapproved additives are permitted.

Recognised for appropriate aircraft by:

EASA • FAA • Rotax • Lycoming • Continental

Aircraft guidance – can your aircraft use UL91?

Aircraft fuel approvals are carefully regulated. Incorrect grade selection can lead to engine damage. Only the aircraft operator can make the decision to use UL91. They can confirm the grade is suitable by referring to:

- Pilot operators handbook.
- Aircraft / engine manufacturer guidance.
- European Aviation Safety Agency approval literature.

Technical properties

Manufacturing specification: Defence Standard 91-090 / ASTM D7547	
Colour: colourless	
Knock rating	
Motor Octane Number, MON	Min 91.0
Research Octane Number, RON	Min 95.0*































*Defence Standard 91-090

Learn more about the benefits of 100LL and UL91 versus Mogas in our technical comparison

Aviation gasoline for Air bp

Air bp only supplies aviation gasoline (Avgas) for aircraft use and not motor gasoline (Mogas) which is for ground vehicles.

Benefits to believe

	 Higher octane quality	 Assured energy content (range)	 Aviation industry regulation	 Only approved aviation additives	 Correct volatility for flight operations	 Less gum in fuel (less dirt)	 Aviation Quality Assurance	 Aviation management of carburettor icing risk	 Grade 80 without lead fouling	 Aviation storage stability
Avgas 100LL										
Avgas UL91										
Mogas	