



# F4 Supercharger Rating System with XCP® TECHNOLOGY

## Back into Production

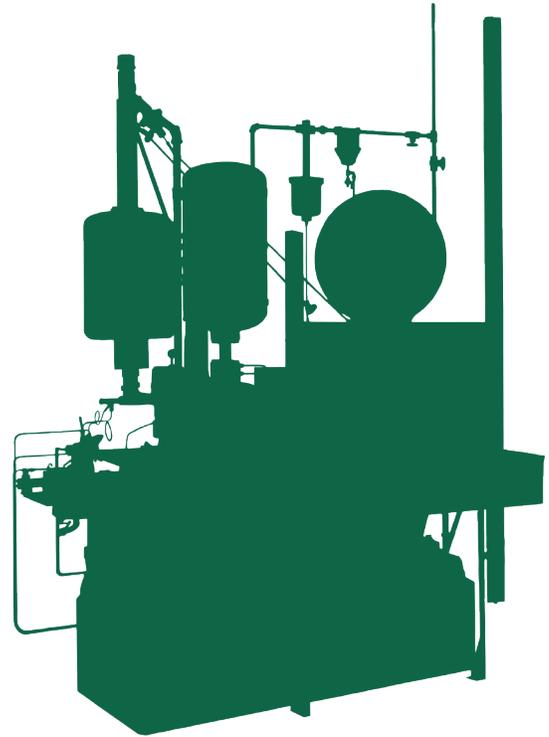
CFR Engines Inc. (CFR®) is taking Avgas testing to the next level with our F4 Supercharger Rating System with integrated state-of-the-art XCP® TECHNOLOGY.

Aviation gasoline, or Avgas, is a type of fuel that is used to power piston-engine aircraft, such as small planes and helicopters.

Avgas has a higher octane rating than automotive gasoline, which means it can withstand higher pressures and temperatures in the engine without causing knocking or detonation.

The CFR F4 engine is equipped with a supercharger, which is a device that compresses the intake air to increase its density and oxygen content, thus allowing more fuel to be burned and more power to be produced.

As global demand for aviation gasoline continues to increase, CFR remains committed to supporting the growth and the evolution of these fuels through continued development at enhancement of the CFR F4 engine.



## Compliance

The F4 is compliant with all procedures of the current ASTM Method:

D909 – Standard Test Method for Knock Characteristics of Aviation Gasolines by the Supercharge Method

## Reliability

The F4 utilizes a dedicated control system which provides the capability to sense and display all critical temperatures and pressures, as well as the force indications for dynamometer load and the fuel system

## Accuracy

The F4 continues to be the sole test instrument to certify aviation gasoline to high-quality standards that the industry requires.



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