

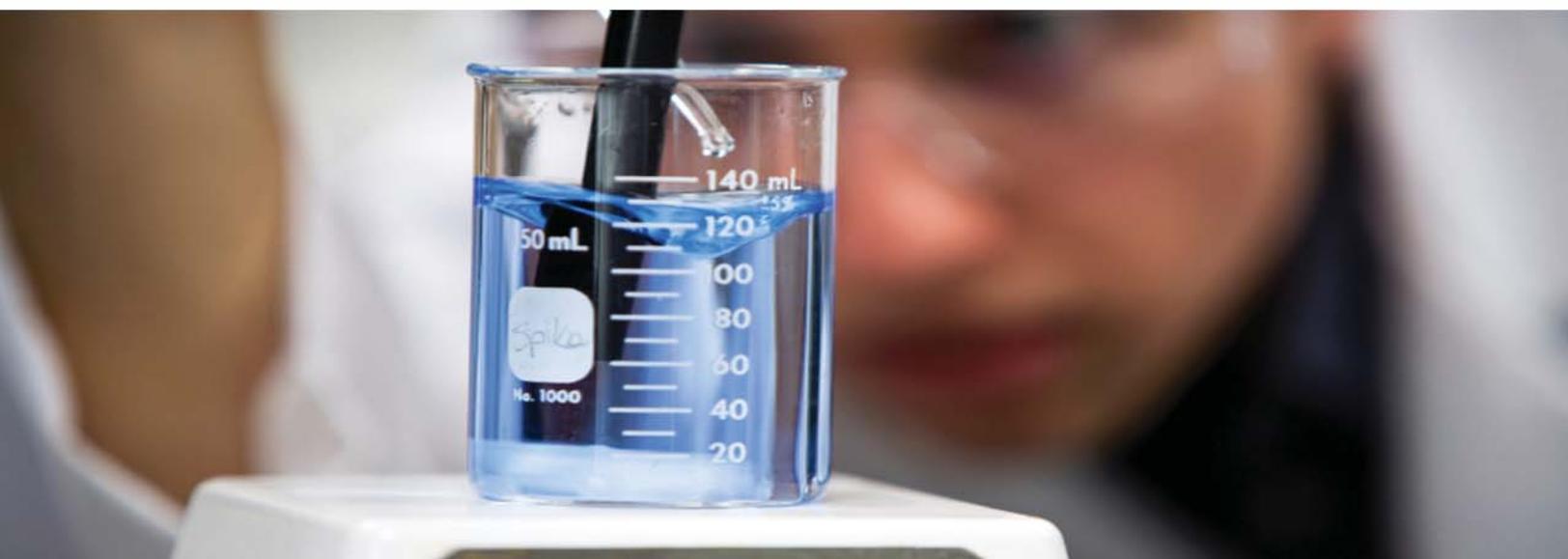
AvLab|LS

laboratory services & products

- Metal Check Oil Analysis
- Oil & Oil Filter Analysis
- Hydraulic Fluid Test Kits
- Fuel Test Kits & Chip Kits

Aviation Laboratories's LS (Lab Services) Product Group offers a wide range of aviation specific laboratory products and services to the aviation industry. Services include the technical reliability of in house laboratory analysis as well as the convenience of self-conducted field analysis, for all aircraft types, including helicopters.

Laboratory analysis is performed in our Kenner, Louisiana laboratory facility, and new Houston laboratory facility, using state-of-the art equipment where each sample is scrutinized and tested for specific issues at the earliest possible stage. AvLab's experienced staff of engineers and technicians are committed to delivering accurate, efficient and quality results every time.

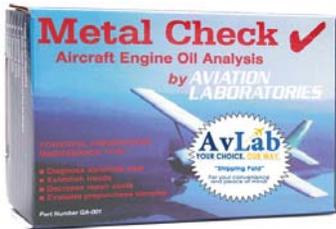


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Contact an AvLab Representative at 713-864-6677 or 800-256-6876 for more information.*

Laboratory Testing Products

It is recommended that you perform regular fluid analysis as part of an ongoing preventative maintenance program. Visit AvLab.com for more laboratory testing product options or contact AvLab at 713-864-6677 or 800-256-6876 should you require any assistance.



Metal Check Test Kit

Determine the condition of oil wetted engine parts even on the first sample. This kit tests 12 wear metal elements for piston and turbine engines and is useful for pre-purchase inspection and as part of ongoing preventative maintenance and trend monitoring program. Includes FedEx Smart Post shipping label (Also available without pre-paid shipping.). Analysis results are available in 24-48 hours on-line at www.avlab.com.

Part Number: GA-001-SP/ GA-001-NP



Oil & Oil Filter Analysis

Oil analysis combined with the analysis of the oil filter. The oil filter is rinsed and the debris removed is analyzed. Filter analysis is a critical part of all preventative maintenance programs. Analysis results are available in 24-48 hours.

Part Number: GA-M, F-L



Hydraulic Fluid Test Kits

Hydraulic fluid test kits are available for 5606/83282 and Skydrol/Hyjet/87257 synthetic fluids. Tests include: particle count, viscosity, wear metals, total acid number, specific gravity and water. Useful for aviation hydraulic system testing, hydraulic "mules" and test benches.

Part Number:

AL-HFT 5606

AL-HFT-G (SKYDROL)



Fuel Test Kits

The Fuel Test Kit is used to determine fuel quality. Fuel container and shipping box included that meet all DOT and state requirements. Tests include; API gravity, cetane index, D-86 distillation, Karl Fisher water, BUG TEST, and flash point. Custom test kits are available.

Part Number:

AL-FTK

AL-FTK-AVGAS



Chip Kit

This kit is used to send small metal particles to the laboratory for analysis. Complete alloy composition is determined by using scanning electron microscopy, with an energy dispersent x-ray fluorescence spectrometer. Analysis within 72 hrs of receipt or same day if requested at additional cost. Please contact AVL for availability.

Part Number: AVL-CK

Field Testing Products

It is recommended that you perform regular fluid analysis as part of an ongoing preventative maintenance program. Visit AvLab.com for more laboratory testing product options or contact AvLab at 713-864-6677 or 800-256-6876 should you require any assistance.



Oil Filter Rinsing Apparatus

This apparatus allows you to thoroughly rinse your filters and concentrate all of the debris removed onto a filter pad for examination and subsequent analysis. Apparatus meets most maintenance manual requirements. It is designed to be used in conjunction with Aviation Laboratories Oil Filter Rinsing Kits.

Part Numbers: Oil Filter Apparatus, AVL-OFRA/Oil Filter Rinsing Kit, GA-001-OFRK



Shell Water Test Kits

Water can occur in jet fuel in three forms, dissolved (chemically in solution in the jet fuel), settled (as in free water at the bottom of the tank), or as finely dispersed undissolved water held in suspension. The Shell Water Detector is designed to detect undissolved water; it has been proven reliably for 30 years. This is water that a filter separator can remove, and is usually invisible to the eye in quantities below 40-60 ppm.

Part Number: JM-3764



Velcon Hydrokit Water Test Kits

These test kits are for use in the field to determine the amount of free water in excess of 15 ppm in aviation fuels. A sample of fuel is inserted into a test tube containing powder, which is color indicating in the presence of water. A color chart is provided to determine water ppm.

**Part Numbers:
AL-EXX-KIT: 100 Tests
AL-EXX-25: 25 Tests**



Fuel System Icing Inhibitor (FSII) Test Kit

This test allows the user to test aviation fuels for the proper amounts of FSII (fuel system icing inhibitor) using ASTM D5006-96, Standard Test method for Measurement of Fuel System Icing Inhibitors in Aviation Fuels. Direct Reading Refractometer included. This kit allows for thousands of tests and is reusable.

Part Numbers: AL-FSII/Lab Test Kit, AL-FTK-FSII



Bug Test Kits

The Bug Test kit allows for accurate semi-quantitative analysis of fuels for bacteria and fungus in the field. It replaces standard plate count techniques used in the laboratory. A measured fuel sample is inserted into a sterilized serum bottle. After a set time period a color change is compared with the Bug Test Color chart.

Part Numbers: AL-BC