

SAVVY ANALYSIS

Getting Started Guide

Make Data-Driven Maintenance Decisions

Welcome to SavvyAnalysis. You now have access to the most powerful engine data analysis service in general aviation, backed by 40+ veteran A&P/IAs and analysts, machine learning, and a database of over 5 million flights.

This guide walks you through everything you need to get the most value from your subscription, fast.

- 1 Log in at apps.savvyaviation.com
- 2 Download engine data from your monitor
- 3 Upload flights to your Savvy dashboard
- 4 Request analysis - one of our experts will respond with a report and recommendation in 2 days

YOUR PLAN INCLUDES:

- **Engine Data Analysis**
Expert review of your engine monitor data - identifying issues before they become expensive problems.
- **FEVA Reports**
Automatic machine learning scans for failing exhaust valves on every flight you upload.
- **Report Cards**
Benchmark your engine against thousands of identical aircraft in the Savvy database.
- **Trend Reports**
Track changes in your aircraft's CHT, EGT, oil pressure over time and catch problems early.
- **Breakdown Assistance**
24/7 hotline staffed by on-call A&P/IAs. Call 888-588-6655 anytime.
- **Borescope Analysis**
Upload borescope images for expert interpretation alongside your engine data.



QUICK START: UP AND RUNNING IN 4 STEPS

LOG IN TO YOUR DASHBOARD

1 Go to apps.savvyaviation.com and sign in with the email and password you set when you enrolled. Bookmark this page - It is your home base. If you forget your password, click "Forgot Password" on the login screen.

TIP: The platform works on all browsers and mobile devices including iPhone and Android.

DOWNLOAD YOUR ENGINE DATA

2 Pull the data file from your engine monitor's SD card or USB thumb drive onto your computer. For Avidyne and JPI monitors, detailed device instructions are available in your dashboard under Resources.

TIP: Automated solutions like BlueMAX can upload data wirelessly - no SD card needed.

UPLOAD ALL FLIGHTS TO YOUR SAVVY DASHBOARD

3 From your dashboard, click Upload then Engine Data (or the blue UPLOAD FLIGHT button). The parser processes everything automatically and shows results on screen. If you have multiple aircraft registered, select the correct one before uploading.

TIP: Uploading all of your flights sharpens your trends, strengthens your Report Card, and powers the diagnostics that matter when problems arise.

REQUEST ANALYSIS

4 After uploading your flights, open up the flight chart for the flight in question. Then, click Request Analysis, add any notes about symptoms or recent maintenance, and submit. An experienced analyst responds within 2 business days.

TIP: Sharing more context - rough engine, specific conditions, recent work - helps pinpoint the issue quickly.

NEW: Upload borescope images at anytime and request analysis the same way!

YOUR ANALYSIS TOOLS

AUTOMATED REPORTS (Always Running)

FEVA REPORTS

Failing Exhaust Valve Analytics

Machine learning scans every uploaded flight for early signs of exhaust valve failure, one of the most expensive engine problems in GA. Since 2014, FEVA has analyzed over 3 million flights and prevented more than 60 exhaust valve failures before they happened. You automatically receive a report for every qualifying upload.

REPORT CARDS

Benchmark your aircraft against its peers

Your engine's key parameters are compared against every other aircraft of the same make and model in the Savvy database. Quickly see if your readings are normal or if yours is an outlier. Report Cards are generated periodically and are available on demand with date ranges of your choice.

TREND REPORTS

Track changes over time

Choose a date range and see how CHT, EGT, oil pressure, and other parameters are trending. If your cylinder head temps are creeping up over six months, you will see it here long before a shop notices it. Generate these on demand from Reports in your dashboard menu.

EXPERT HUMAN ANALYSIS (On Demand)

HUMAN ANALYSIS

Expert A&P/IA review

At any time, open a ticket and request a human expert to review your data. Our analysts have 20+ years of GA maintenance experience. They examine your engine monitor data and borescope images, then deliver a clear written report with findings and a precise diagnosis. The ticket stays open until you are fully satisfied. Ask follow-up questions freely. Our standard turnaround is 2 business days.

NOT HAPPY? Open any ticket and click the "I'm Not Happy" button. Your concern is our top priority.

UPLOADING DATA, BORESCOPE & BREAKDOWN

HOW TO UPLOAD ENGINE DATA

STEP 1 - DOWNLOAD FROM YOUR DEVICE

Most engine monitors store data on an SD card or USB thumb drive. Remove the card/drive and plug it into your computer. Check your monitor's manual for the specific location.

STEP 2 - UPLOAD TO SAVVY

Log in at apps.savvyaviation.com. Select your aircraft if you have more than one. Click Upload then Engine Data, or use the blue UPLOAD FLIGHT button. Drag and drop your files or click to browse. The file parser processes automatically.

WHICH FLIGHT TO SELECT?

Every Flight Counts. Getting in the habit of uploading all of your flights sharpens your trends, strengthens your Report Card, and powers the diagnostics that matter when problems arise.

BORESCOPE IMAGES

WHY THEY MATTER

Engine data tells most of the story. Borescope images tell the rest. Savvy developed a standardized protocol so images are captured in the right order at the right angles to make analysis faster and more accurate.

WHEN TO DO IT

Aim to complete a borescope inspection about 1 month before your annual. This gives analysts time to review and request follow-up data while you are still flying. Resources including training video, checklist, and repository guide are available in our Resources: www.savvyaviation.com/resources/#resources

HOW TO SUBMIT

Upload borescope images directly to your account, just like engine data. Then, select Borescope Images. Next, the images must be tagged before a review can be conducted. If you have questions about tagging your images, you can open a tech support ticket. Once tagged, open a ticket to request analysis.

24/7 BREAKDOWN ASSISTANCE

CONTACT SAVVY FIRST

Breakdown assistance is available when AOG 50+ miles from your home airport. Anytime you have a problem on a trip, call our breakdown hotline (888-588-6655) before calling any shop. Or log in and click Create a Breakdown Ticket. An on-call account manager calls you back within 15 minutes.

WE HANDLE EVERYTHING

We troubleshoot the problem, determine if it is safe to fly, and handle shop coordination if needed. You relax and let us do the heavy lifting.

QUICK REFERENCE

Dashboard / Tickets
apps.savvyaviation.com

Support Email
support@savvyaviation.com

Support Phone
888-465-8038

Breakdown Hotline
888-588-6655 (24/7)

Analysis Turnaround
2 business days

FEVA Scans
Automatic - every upload

Subscription (Single)
\$189/year

Subscription (Twin)
\$289/year

SAVVY TEST PROFILE

Perform a series of mixture sweeps and an in-flight mag check LOP at 65% power or lower. If running smooth, fly the test about 1 month before annual. If you have a rough runner, fly it now while the issue is active.

THE TICKET SYSTEM

ONE TICKET PER CONCERN

Open a new ticket for each separate issue. This keeps conversations focused and avoids confusion between analysts.

REPLY IN THE TICKET

Click the link in your email notification and reply directly on the ticket. You can also reply by email - your response auto-posts to the ticket.

ADD CONTEXT

Include symptoms, recent maintenance, flight conditions. The more your analyst knows, the more precise the diagnosis.

FOLLOW-UP FREELY

Tickets stay open until you are satisfied. Ask as many follow-up questions as you need.

REOPEN ANY TIME

Closed tickets stay in the system permanently and can be reopened to address new related concerns.

MULTIPLE OWNERS

If your aircraft has multiple owners, designate one as the maintenance officer and sole point of contact with Savvy.

