

# Optimize aircraft assignments and maximize fleet utilization

Analyze360 predicts maintenance windows and assesses operational risk to guide your route planning. Get the right aircraft on the right routes, every time.

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## Capabilities

### What sets us apart

Built for aviation operations teams

#### Predictive

##### Forecast maintenance windows before they impact schedules

Maintenance windows are predicted with precision, keeping your fleet moving forward without surprises.

[Explore >](#)



#### Intelligent

##### Risk assessment guides every route assignment decision

Operational risk is evaluated across all variables, ensuring safe and efficient aircraft deployment.

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#### Efficient

##### Maximize utilization across your entire fleet

Aircraft are matched to routes based on capability and availability, eliminating idle time and waste.

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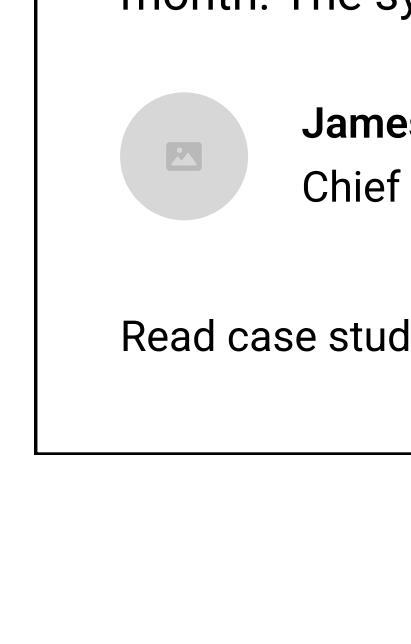
#### 01 Analyze data

##### Input

### Feed your fleet data into the system

Analyze360 ingests your aircraft specifications, maintenance records, and route requirements. The system processes this information to build a complete operational picture of your fleet.

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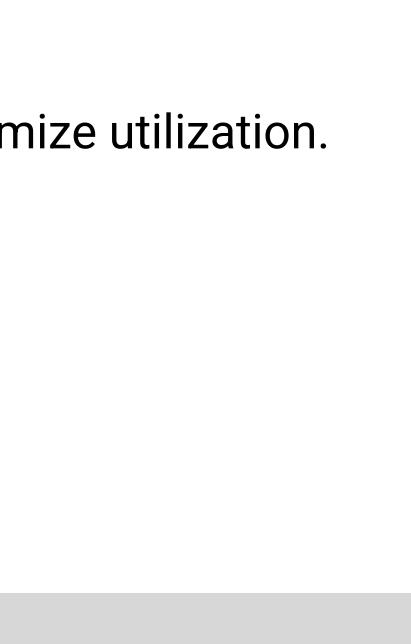
#### 02 Predict risks

##### Processing

### Maintenance and risk factors are evaluated

The platform forecasts maintenance windows with precision while assessing operational risk across all variables. Every factor that could impact your assignments is weighed and considered.

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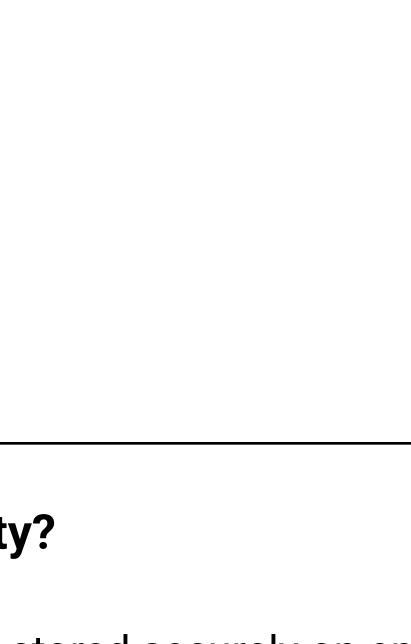
#### 03 Optimize routes

##### Output

### Receive optimal aircraft assignments

Analyze360 delivers route assignments that maximize utilization while respecting maintenance schedules and safety constraints. Your fleet operates at peak efficiency with minimal idle time.

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## Results

### The numbers speak for themselves

Aviation operators using Analyze360 see measurable improvements across utilization, downtime, and decision quality. These gains compound over time as the system learns your operations.

**34%**

#### Increase in fleet utilization

Average improvement across all client operators

**67%**

#### Reduction in unplanned downtime

Fewer surprises means better schedules

**89%**

#### Faster assignment decisions

From hours to minutes for complex routing

## FAQ

Common questions about Analyze360 and how it works

**How does maintenance prediction work?**

Analyze360 analyzes historical maintenance patterns, component lifecycles, and operational hours to forecast when maintenance windows will occur. The system learns from your specific fleet data to improve accuracy over time. This allows you to plan routes around maintenance before it becomes an emergency.

**What data do you need from us?**

We require aircraft specifications, maintenance records, current route assignments, and operational metrics. The onboarding process is straightforward and typically takes two to three weeks. Your data remains secure and is used only to optimize your assignments.

**Can Analyze360 integrate with our systems?**

Yes. The platform connects with most major aviation management systems through API integration. Our technical team handles the setup and ensures smooth data flow between systems. We also support manual data uploads if integration isn't feasible.

**How quickly will we see results?**

Most operators see measurable improvements within the first month of use. The system needs time to learn your specific operations and constraints. After three months, most clients report significant gains in utilization and reduced downtime.

**Is the system difficult to learn?**

No. The interface is built for operations teams and requires minimal training. We provide comprehensive onboarding and ongoing support. Most users are comfortable with the platform within their first week.

**What about data security?**

Your data is encrypted and stored securely on enterprise-grade servers. We comply with all aviation industry standards and regulations. Access controls ensure only authorized team members can view your information.

**Can we customize the optimization criteria?**

Absolutely. You define the priorities for your fleet, whether that's maximizing utilization, minimizing costs, or prioritizing specific routes. The system adjusts its recommendations based on your parameters. You maintain full control over how assignments are optimized.

**What if we have unique constraints?**

Analyze360 handles complex constraints including crew scheduling, airport restrictions, and regulatory requirements. The system is flexible enough to accommodate your specific operational needs. Our team works with you to configure the platform for your unique situation.

**How is pricing structured?**

Pricing is based on fleet size and the level of optimization you need. We offer flexible plans that scale with your operations. Contact our sales team for a custom quote based on your requirements.

**Do you offer customer support?**

Yes. We provide 24/7 technical support and dedicated account management. Our team is available to answer questions and help optimize your use of the platform. Training and ongoing guidance are included with all plans.

## Ready to optimize your fleet

See how Analyze360 can transform your aircraft assignments and maximize utilization.

[Start](#) [Demo](#)

