

Aviation Data & Analytics Guide

Aviation & Air Services

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Recommends how to use operational data — utilisation, on-time, safety, fuel, maintenance and commercial metrics and dashboards — to improve safety, efficiency and profit. Use it to build a data-driven operation.

Purpose of this tool & output

Use data to run the operation better

How the output is used

Use it to run the operation better with data — the utilisation, safety, cost and customer metrics to track and act on.

Important cautions

Metrics should drive safety and decisions, not just reporting, and safety data needs a just-culture and confidentiality. Focus on a few actionable indicators and protect safety-data confidentiality.

Companion documents

- Operations Manual Structuring Guide
- Flight Operations Technology Guide
- Crew Rostering & FDTL Compliance Tool
- Maintenance & Airworthiness Tracking Guide
- Fuel Efficiency & Cost Management Guide

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.