



PRODUCT TOUR • 24 OCTOBER 2026

One system, from squawk to release.

Maintenance, flight operations, safety and the business side of an aviation operation, on one set of records. Built for Part 91 and 135 operators, Part 145 repair stations and flight schools.

One aircraft's day, in four acts

Every screen in this deck is the same demo operator, Blue Ridge Air Services, on one set of records.

ACT 1

Maintenance

The overview flags what needs attention. A squawk grounds the aircraft; engineering answers from the card.

ACT 2

Flight ops

Releases blocked by open items, FRAT approvals, weather and performance, the pilot's day on one screen.

ACT 3

Safety and records

Part 5 SMS, audits and findings, signature history and access for inspectors.

ACT 4

Business

Estimates the customer signs, invoices, stores, CRM and contracts with e-signing.

Maintenance overview: the fleet at a glance

New at the top of Home in the Maintenance workspace, for everyone.

TILES

What needs attention

Overdue, due within 30 days, open discrepancies with groundings, open work orders and task cards, engineering requests.

QUICK BUTTONS

One click to the work

New work order, log a discrepancy, Maintenance Due, Task Cards, Hangar and Reports.

AIRCRAFT NEEDING ATTENTION

Worst first

Grounding, overdue, due soon, then open work. Each card shows hours, cycles and the next item due.

ON EACH CARD

Squawks, MEL and work orders

The aircraft's open discrepancies, MEL items and work orders, in one place.

LISTS

Coming due and open work

A Coming due list and an Open work orders list. Hide or show the overview as you like.

YOUR DAY

Personal task log below

Log a task, Today, Upcoming, Weekly Plan and Shared Tasks stay underneath.

Work orders and task cards from the squawk

The screenshot displays the MRO Tracker interface for managing work orders. At the top, there's a search bar with the text "Search by number, customer, description, S/N, N-Number, p#". To the right of the search bar are buttons for "Open & in work", "+ New Work Order", "Manage Templates...", "Import from Excel", and "Customer portal".

Work Orders

The authorization a Task Card belongs to — customer, scope of work, and a work order number (YY-D#### for new ones; imported work orders keep their original number). A work order can have sub work orders, numbered off it (e.g. 26-M0012-01).

Open Work Orders

26-M0418 100 h and avionics squawks S/N 525-0310 — N310CJ (Citation CJ3)	Open
26-M0415 Main gear actuator replacement S/N 1422 — N22DA (Pilatus PC-12)	Open
26-M0412 Phase 3 inspection S/N FL-541 — N541VA (King Air 350)	Open

All Work Orders

Sort: Work order # Aircraft Customer **Opened ▼** Closed Status Hours

26-M0418 100 h and avionics squawks S/N 525-0310 — N310CJ (Citation CJ3)	Open
26-M0415 Main gear actuator replacement S/N 1422 — N22DA (Pilatus PC-12)	Open
26-M0412 Phase 3 inspection S/N FL-541 — N541VA (King Air 350)	Open

3 work orders

1 A write-up becomes a task card
 One click carries the aircraft, the write-up and the references onto the card.

2 Parts and tools on the card
 Parts come from stores with their certificate; tools are checked out against the card.

3 Customer portal and Excel import
 Customers see their work; legacy work orders import from Excel or a sync agent.

"The aircraft knows it's broken, so dispatch does too."

Sign-offs that are signed, locked and kept

The screenshot displays the 'Task Cards' section of the MRO Tracker application. At the top, there are navigation buttons: 'Who's Working', 'Stats', 'Bulk Delete', 'Scan a Card', and '+ New Task Card'. Below these is a search bar labeled 'Search task cards...'. A row of status filters includes 'All' (selected), 'Open', 'Pending QC', 'Ready for Sign-Off', 'Approved', and 'Voided'. A 'Sort:' dropdown is set to 'Last changed'. The main area lists three tasks, each with an 'Open' status button:

- 1 — Phase 3 inspection per B300 MM Ch. 5
- 2 — Replace main gear brake linings, LH and RH
- 3 — Engine oil and filter change, both engines

At the bottom, there are navigation buttons for 'Prev', 'Page 1 of 1 (3 total)', and 'Next', along with a 'Show 50 per page' dropdown. The footer contains the text: 'MRO Tracker 2.1 • © 2026 Leesburg Aviation LLC. All rights reserved.'

- 1 Mechanic, QC and RII**
Each signature is the signer's own login and PIN, with certificate number, time and role.
- 2 Locked once signed**
A change needs a reason and keeps the original. Signed records can't be deleted.
- 3 On the hangar floor**
The Mechanic app signs with a PIN and keeps a labor clock, even offline.

ADs and bulletins matched to each aircraft

Discrepancy LogMaintenance DueAD / SBLogbookLife-Limited PartsProgramsAnalysisForecastTasks

Estimate

AD library for Textron Aviation Inc., Pilatus Aircraft Ltd.: 1,842 ADs read.
Last check Oct 6, 2026 5:31 AM: 3 new US ADs, 3 read, 1 new matches. US ADs: Federal Register, from 1994. EASA: not connected (set EASA_AD_FEED_URLS).

Check for ADs now

Aircraft AD set-up

Bulletins by email. Forward or subscribe manufacturer service bulletins, letters and ADs to your private address; AI reads each one (PDF attachments too), matches it to your aircraft, engines and propellers, and puts the matches here to review. Kept for your organization only.

Not set up on the server yet (BULLETIN_INBOX_DOMAIN).

☐ **Email aircraft owners when an AD or bulletin is marked Applies** to their aircraft: what it is, why, what has to be done, and a link to their customer portal (once per item, the next morning). Only aircraft with an owner customer who has an email address.

Search AD number, title, aircraft, SB...

To review▼

All aircraft

3 AD matches. Click one for details and review.

Expand all

To reviewAD 2026-17-04N541VA • S/N FL-541Matches model and S/N • Model B300, S/N FL-541 is in the effectivity (FL-500 through FL-1199).
Textron Aviation Inc. Airplanes; Main Landing Gear Actuator Rod End • effective Sep 24, 2026

To reviewAD 2025-14-07N310CJ • S/N 525-0310Matches model; check conditions • 525B; effectivity names S/N 525B-0001 through -0500. Check the S/N format on the data plate.
Textron Aviation Inc. Airplanes; Fuel Boost Pump Wiring • effective Dec 10, 2025

To reviewAD 2026-02-15N88BR • S/N 41-033Possible match; check • Engine-level AD: engine serial not on file.
Lycoming / Continental Engines; Magneto Impulse Coupling • effective Mar 20, 2026

1

Matched down to engines and props

ADs and service bulletins checked against model, serial and effectivity.

2

Due by hours, cycles and calendar

Phase inspections and life-limited parts back to birth. Import a CAMP due list on day one.

3

Extensions without overwriting

AMOCs and tolerances are recorded beside the original due point.

MRO Tracker • Product tour • Screens show sample data

6



Engineering requests and alterations

ASK ENGINEERING

From the task card

Mechanics ask from the card or directly: repair, damage, alternate part, deviation or an AD/SB question. Photos from the phone camera.

AOG • URGENT • ROUTINE

Due times that escalate

AOG 4 hours, urgent 24 hours, routine 5 days. A conversation thread, then a disposition with the approved data reference.

FORM 337

Repairs and alterations

Major or minor classification, with the signed decision and the signed Form 337 attached. The 337 fills from the record and prints.

TRACKED TO CLOSE

From planning to filed

Planning, data pending, in work, completed (waiting for the FSDO), filed, closed. AD/SB applicability decided per aircraft.

Approved instructions, straight to the shop floor

Engineering orders and work instructions are signed, then published as task card templates.

ORDERS

EO and WI

Numbered documents with steps, notes, cautions, warnings, inspection and RII steps.

APPROVAL

Signed revisions

Draft, in review, then approved with an electronic signature. Revision A, B, C, each a signed snapshot.

PUBLISH

Task card templates

The approved instruction becomes a task card template the shop uses on work orders.

DAMAGE MAP

Marked on the aircraft

Dents, corrosion, cracks and repairs on the aircraft diagram, with limits, SRM reference and re-inspection.

Library, configuration and the inspection program

Everything the engineering desk keeps current, in one workspace.

TECHNICAL LIBRARY

Read and acknowledge

Manuals, SBs, SLs and ADs with current revision and history. People sign that they have read each revision.

CONFIGURATION

Status per aircraft

Mods, SBs, STCs, alterations and ADs: embodied, not embodied, partial or not applicable.

INSPECTION PROGRAM

Changes with justification

Program changes go from draft to approved to implemented. MPD tasks mapped to your task cards.

INTERCHANGEABILITY

Approved alternates

Two-way, one-way, superseded, PMA and approved alternates, with stock on hand and "Open in Stores".

NOTIFICATIONS

Nothing waits unseen

Email, text or push for new requests and answers. Late requests escalate; orders waiting for review are flagged.

ENGINEERING HOME

The counts that matter

Open requests (AOG, urgent, late), alterations in work, orders to publish, documents to read, program changes.

A release can't go while the aircraft or crew says no

The screenshot displays the MRO Tracker flight release interface. At the top, there's a navigation bar with buttons for Flights Board, Schedule, Crew Records, Flight Following, Flight Tracking, AOG, Open Flights, and Expenses. Below this, there's a secondary bar with Trip Reports, Recordings, Pending FRATs, and Settings. A 'Back to Flights Board' link is on the left, and a 'Ready to release' status indicator is on the right.

The main section shows the flight details for **FR-261006-002**, marked as **DRAFT**. There are buttons for 'Print Flight Package' and 'Cancel Release'. Below this, it shows the flight schedule: 'On the Schedule: Tue, Oct 6, 1:00 PM-6:30 PM' with a 'RESERVED' status and an 'Open Booking' button.

The 'Header & Aircraft' section is expanded, showing the following fields:

- Operating rule (Part): 135 (no authority on file)
- Aircraft: N541VA — King Air 350
- Flight number: Flight number
- Flight date: mm/dd/yyyy
- Flight rules: IFR
- Operational control entity (required for 91K): Operational control entity name (required for 91K)
- ETOPS: ☐ Diversion minutes

- Blockers in red**
 Grounding items, MEL limits, overdue inspections, crew medicals and currency all block the release.
- FRAT with an approver**
 Scores above your line route to the chief pilot; the mitigation and approval stay with the release.
- Locked when released**
 From then on, changes are signed amendments. Flight following alerts if it goes overdue.

"Nobody releases a flight the system knows shouldn't go."

Weather, route and performance on the release

FROM

KJYO

TO

KMYR

WAYPOINTS (SPACE SEPARATED)

KJYO MRB J24 FLO KMYR

CRUISE ALTITUDE

8000 OR FL250

Get route brief

KJYO → MRB → FLO → KMYR 342 nm • 24,000 ft • ETE 1:12 at 300 kt N541VA

Copy frequencies

Print / PDF

Fly this route

Refresh METARs

☒ Keep updating every 5 min METARs as of 10:20 AM

MRO Tracker

Tuesday, October 6, 2026

Log out

Home

My Flights

Work Orders

Task Cards

ADLS Records

Hangar

Flight Ops

Aircraft

Pilots

Logbook

Training

Billing

Files

Reports

Admin

AWOS-3 128.25

Clearance (Potomac) 126.1

Ground 121.75

Tower 127.5

WEATHER 13:55Z

KJYO 061355Z 31012G18KT 10SM FEW045 17/06 A3008

VFR

310° true at 12 kt, gusting 18 • 30.08 inHg

Runway

Head / tail

Crosswind

35 best

10 kt head

7 kt left (G 10)

17

10 kt tail

7 kt right (G 10)

Max demonstrated crosswind 20 kt

ATIS 123.85

Ground 121.8

Tower 128.35

Myrtle Beach Approach north 127.1

WEATHER 13:56Z

KMYR 061356Z 22008KT 10SM SCT035 26/18 A3001

VFR

220° true at 8 kt • 30.01 inHg

Runway

Head / tail

Crosswind

18 best

6 kt head

5 kt right

36

6 kt tail

5 kt left

Max demonstrated crosswind 20 kt

ATC FREQUENCIES ALONG THE ROUTE

1

Tower

Leesburg Tower

On departure

127.5

2

Approach

Potomac Approach

From 4 nm • 6,000 ft • +2 min • sector Shenandoah

Also 125.05

126.1

- 1

Route brief

METAR, TAF, advisories and frequencies along the filed route.
- 2

Takeoff and landing distances

Computed for today's conditions and signed on the release.
- 3

International trips

Travelers' passport details are kept once; the eAPIS manifest builds from the release as a worksheet, CSV or PDF.

The pilot's day on one screen

My flightsContract flyingMy routes & weather

My routes & weather

Your own routes (only you see them) and a morning weather email for your home airport, your upcoming trips and these routes.

Morning weather email

Home airport

KJYO

Send at

6:00 AM

Time zone

America/New York

Trips ahead

3 days

☒ Send it to me every day

☒ My upcoming trips

☒ My saved routes

Home airport weather (METAR, TAF, the forecast office's outlook), each trip's forecast at departure and arrival with advisories along the route, and a 7-day outlook for each route. A planning aid, not an official briefing. Last sent 2026-10-06.

Send me one now

Save

Saved routes (3)

+ Add a route

Route	Name	Via	In the email	
KJYO → KVBW	Lunch run	DIRECT	☒	BriefEditDelete
KJYO → KMYR	Beach weekend	MRB FLO	☒	BriefEditDelete
KJYO → KCMH	Family in Ohio Check icing in winter	V143 FLASK	☐	BriefEditDelete

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- 1

My Flights

Upcoming trips, the release and the FRAT, plus medical, checks and rest at a glance.
- 2

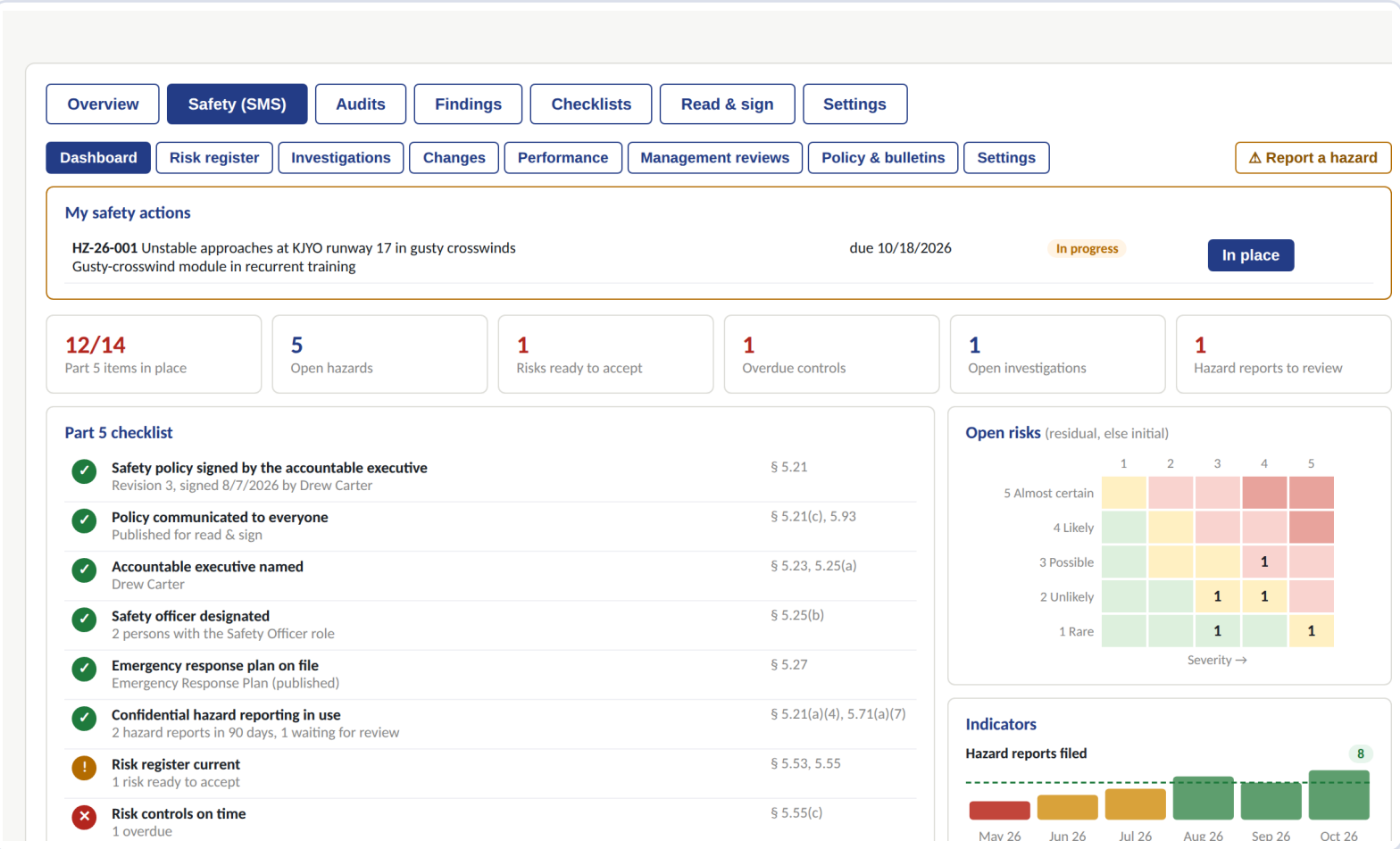
Private saved routes

Each pilot keeps their own routes, with airport and waypoint search.
- 3

Morning weather email

At the hour they pick: home airport weather, their trips' TAFs and advisories, and a 7-day outlook for each route.

Part 5 SMS, checked against your live records



1 The Part 5 checklist
Each requirement shows in place, due or late, from the records themselves.

2 Risk register and matrix
Hazards, risks, controls and acceptance at the level you set.

3 Due May 28, 2027
Part 135 and air tour operators need a working SMS and a signed declaration by then.

"Ready for the inspector without a binder."

Audits and findings closed with evidence

Overview

Open

Finding

F-26-011

F-26-012

Title

FR

W

Sam Rivera (sam.rivera@blu)

10/05/2026

10/31/2026

What was found (objective evidence)

2 of 18 sampled releases with FRAT > 18 showed approval after the off time.

+ evidence

Root cause

Method

—

Approver not notified by text when away from a computer.

Human factors (Dirty Dozen):

☐ Lack of communication

☐ Complacency

☐ Lack of knowledge

☐ Distraction

☐ Lack of teamwork

☐ Fatigue

☐ Lack of resources

☐ Pressure

☐ Lack of assertiveness

☐ Stress

☐ Lack of awareness

☐ Norms

Actions

Type	Action	Owner	Due	Status
corrective	Turn on text alerts for FRAT approvals	Sam Rivera	10/1/2026	Done Sep 30, 2026, 9:00 AM
preventive	Release gate: block release until FRAT approval is signed	Alex Morgan	10/3/2026	Done Oct 2, 2026, 9:00 AM

Effective: close

Not effective: reopen

Effectiveness check due 10/16/2026.

History (0)

- 1

Audit programme

Checklists, findings by level, owners and due dates.
- 2

Corrective action

Root cause, corrective and preventive actions, then an effectiveness check before it can close.
- 3

History on every record

Who did what and when, kept by the database.

Records an inspector can trust

AC 120-78B

Electronic signatures

Own login, PIN or biometrics, intent to sign, locked once signed, corrections that keep the original. Part 135 and 145 systems are accepted through OpSpec A025.

AUDITOR ACCESS

Read-only links for inspectors

Give an FAA inspector, customer auditor or lessor time-limited access to chosen aircraft. No account, a one-time code by email, every page they open logged.

RECORDS PACKAGE

One click per aircraft

A PDF of status, due items, ADs, life-limited parts, MEL, work orders and every signed task card, with a checksum for each file.

SECURITY

Data separated by organization

Row-level security in the database, two-step sign-in admins can require, SAML single sign-on and an activity log that can't be altered.

Estimates the customer signs, invoices in one click

Billing

Quotes

Estimates

Sales Orders

Invoices

Rates

Settings

All estimates

Estimate EST-0219

APPROVED

PDF

Create invoice

Copy to new estimate

Cancel estimate

Currency

Approved by M. Hartwell (aviation@hartwell-demo.com) on Oct 5, 4:00 PM.

Optional items declined: Optional: detail and interior clean; Optional: replace cabin LED strip lights.

Customer

Send to (email)

Aircraft

Work order (optional)

Customer PO

Hartwell Holdings LLC

aviation@hartwell-demo.com

N310CJ · Citation CJ3

26-M0418 — 100 h and avionics sr

Valid until

10 / 26 / 2026

Work to be done (shown as the estimate's title)

100 h inspection and avionics squawks

Bill to

Notes on the estimate

Terms

Estimate valid 30 days. Hidden damage found during inspection is quoted separately.

Lines

Tick Optional for items the customer may decline (for example squawks found on inspection); the rest are approved or declined as a whole.

Type	Description	Qty	Unit	Unit price	Taxable	Optional	Amount
Labour	100 h inspection per Citation CJ3 maintenance manual	38	h	125	☐	☐	\$4,750.00

- 1

Signed online

The customer approves the estimate and picks optional items.
- 2

Invoice from the work

Labor and parts carry over; nothing is re-typed. QuickBooks and card payments are rolling out.
- 3

Charter quotes

Quotes with federal excise tax, in any currency.

"The money side runs off the same records."

CRM, contracts and signing in the same system

Business Development

Message templates

Outbox

Dashboard

Leads

Opportunities

Contracts

Business cases

Accounts

Partners

Deal registrations

Activities

Forecast

My items

Calendar

Lessons

Templates

Settings

2

Active or signed

\$19,800.00

Value of active contracts

1

Ending in 90 days

1

Out for signature

1

Drafts and in review

Contracts

Templates (1)

Open: drafts, out for signature, active

All types

Search number, title, account...

+ New contract

Contract	Title	Account	Type	Status	Value	Start	End	Signatures	Owner
CT-2026-0007	MRO Tracker Subscription Agreement	Shenandoah Survey Co.	Service agreement	Out for signature waiting on Pat Sample	\$11,880.00	Nov 4, 2026	Nov 3, 2027	0 / 2	Alex Morgan
CT-2026-0005	MRO Tracker Subscription Agreement	Valley Jet Charter	Service agreement	Active	\$15,600.00	Sep 28, 2026	Sep 28, 2027	2 / 2	Alex Morgan
CT-2025-0019	Maintenance services agreement	Hartwell Holdings LLC	Service agreement	Active	\$4,200.00	Oct 31, 2025	Oct 31, 2026 25 days, renews	2 / 2	Alex Morgan
CT-2026-0008	Mutual NDA	Potomac Medical Transport	Non-disclosure agreement	Draft		Oct 6, 2026	Oct 5, 2028	0 / 2	Alex Morgan

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- 1

Leads to opportunities

A pipeline board with weighted value and follow-ups, and two-way Salesforce sync.
- 2

Contracts from templates

Value, term and renewal dates, with reminders before each renewal.
- 3

Both sides sign

The customer signs first, then you countersign, built in or through DocuSign.

Also new in October

FLIGHT OPS

Trip planner and airport info

Routes with airways, a winds-aloft NavLog, fuel and multi-leg trips. Airport weather, runways, procedures and NOTAMs.

NEW WORKSPACES

Program Management and Marketplace

Programs, deliverables, risks and earned value. Aircraft and parts for sale, and contract pilots, A&Ps and IAs.

BUSINESS DEVELOPMENT

Contracts that close

Templates including a mutual NDA, signing in order, versions and renewals. Closing tracks NDA through to payment.

APPS AND FILES

Mobile app in 5 flavors, and Files

The MRO Tracker mobile app comes in 5 flavors: Admin, Pilot, Mechanic, Student and FAA. Files adds folders, tags and drag-and-drop upload.

Pick the edition that fits the operation

Current prices for every edition are at mrotracker.com/pricing.

PART 91 / 135

Operators

Maintenance, flight ops, crew, AOG and billing, priced per aircraft. Complete adds charter quotes, invoicing, online payment and QuickBooks.

PART 145

Workshop

Maintenance, task cards, tools, customers, estimates and billing, priced per user.

SMALL FLEETS

Light

Up to 3 aircraft and 2 users, maintenance tracking, with a 14-day free trial.

FLIGHT SCHOOLS

Flight School

Training records, endorsements, booking rules and rental billing, licensed per organization.

A&P / IA

Independent

Up to 20 aircraft and 2 users, with billing, the customer portal and owner reminders.

LARGE OPERATORS

Enterprise

Everything, with SSO, onboarding and data sync.



NEXT STEPS

Let's put one of your aircraft in it.

14-day trial

One of your aircraft loaded, and a 30-minute setup call.

We load your records

Send the CAMP due list or a spreadsheet and we'll import it.

A focused session

Part 5 SMS, Part 145 shop floor or flight school, with your team.