MRO TRACKER

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.

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THE STORY

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.

ACT 1 · MAINTENANCE

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

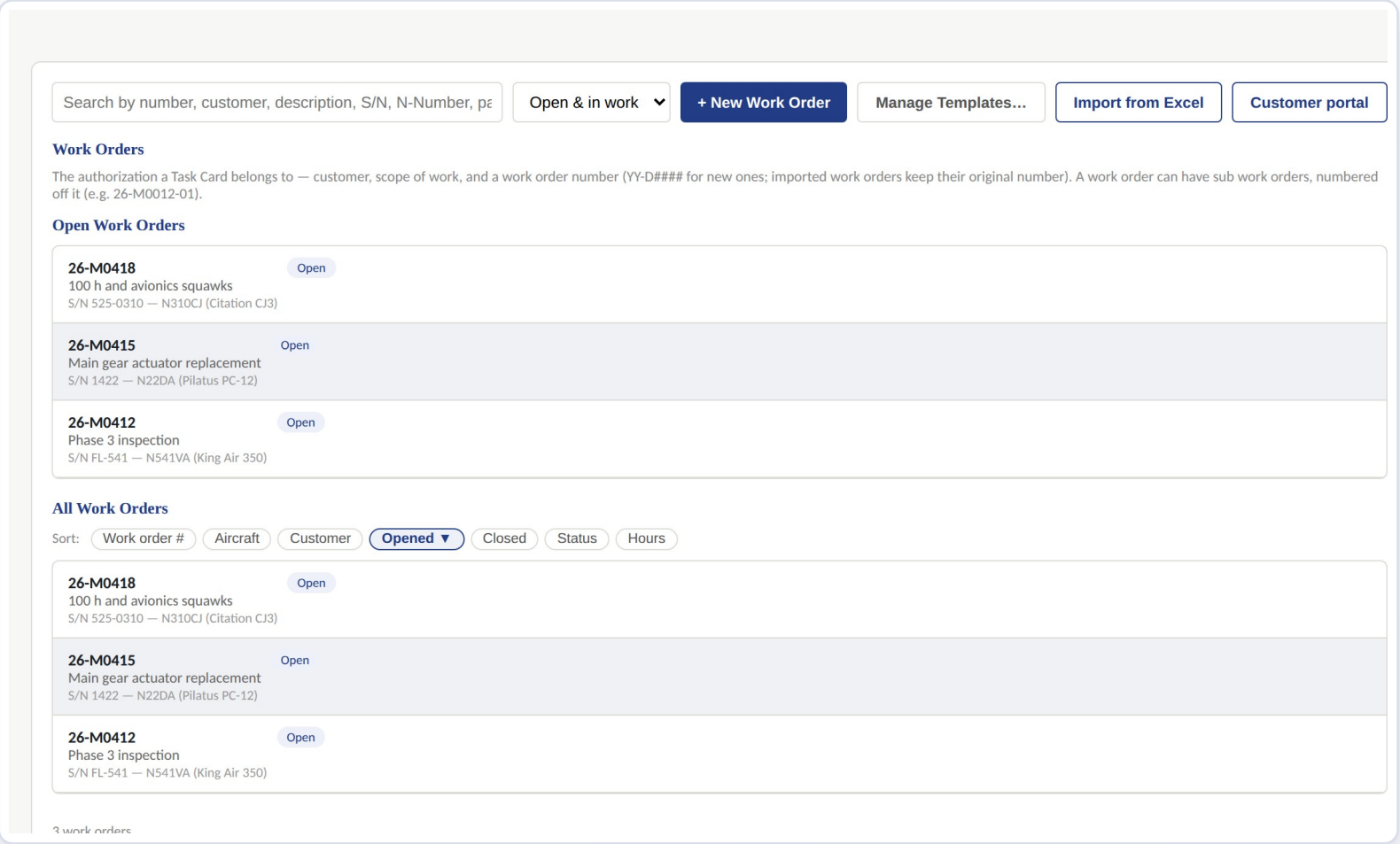
A Coming due list and an Open work orders list. Hide or show the overview as you like.

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



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.

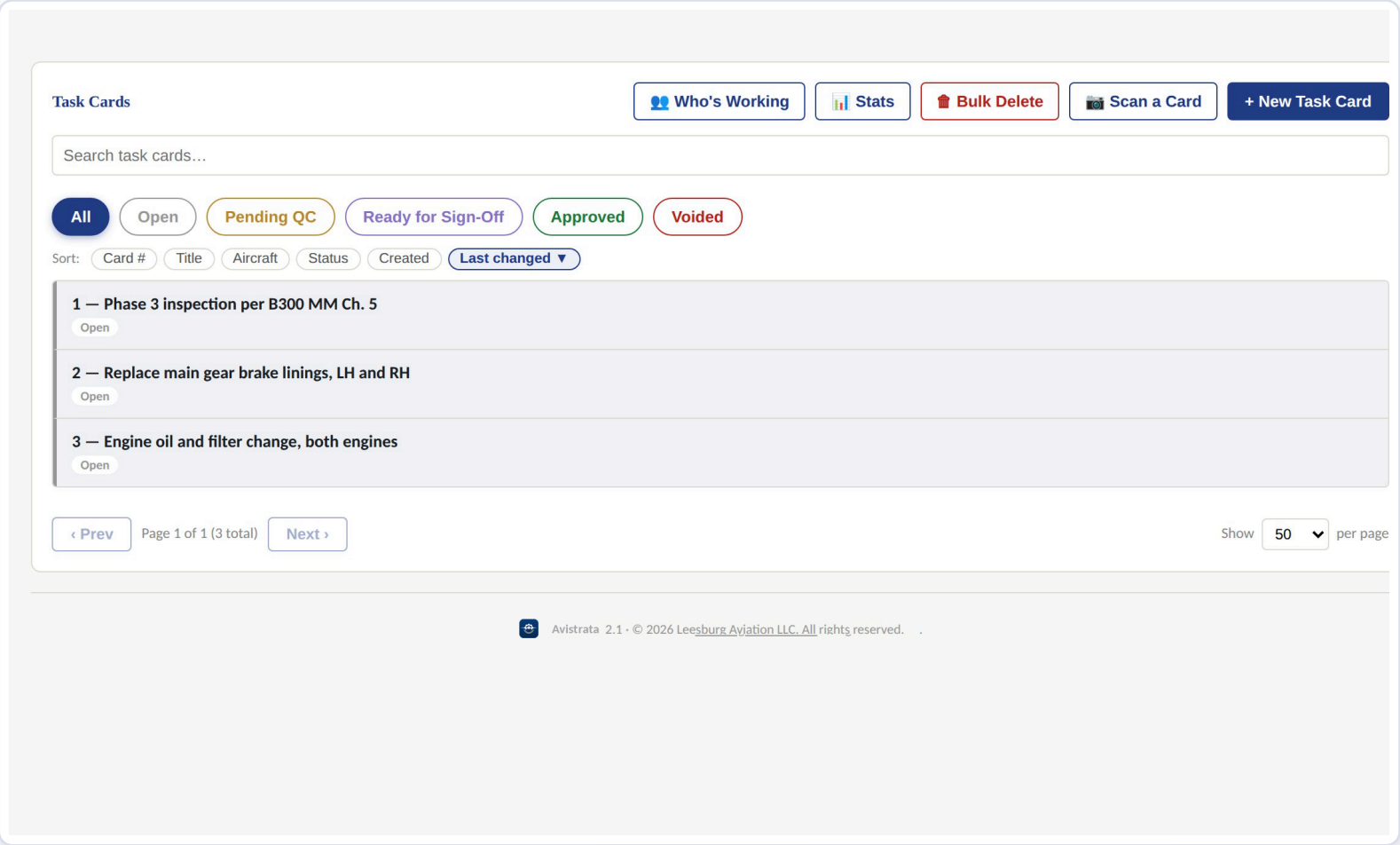
3

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



1 **Mechanic, QC and RII**

Each signature is the signer's own login and PIN, with certificate number, time and role.

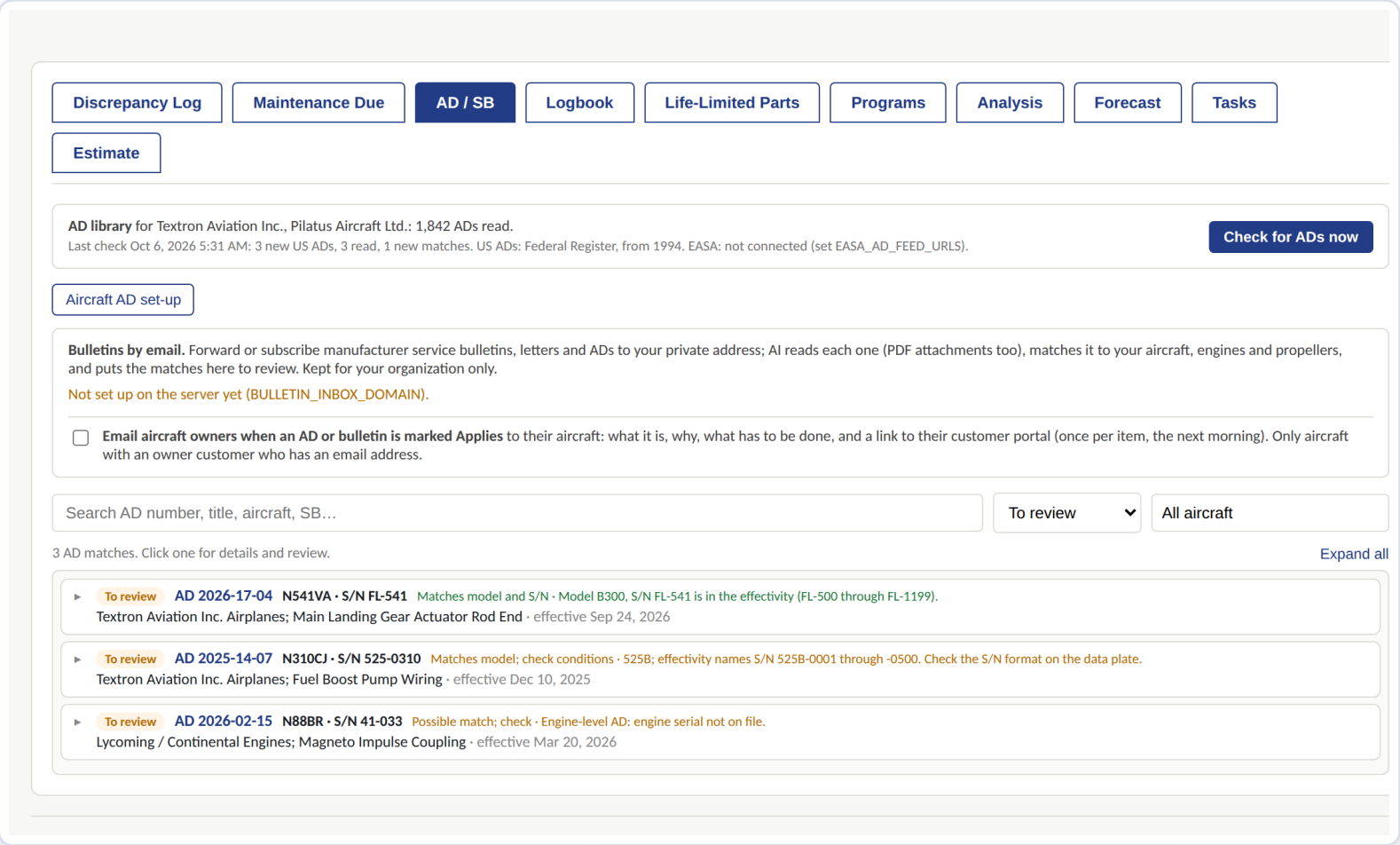
2 **Locked once signed**

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



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.

ENGINEERING · NEW WORKSPACE

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.

ENGINEERING · NEW WORKSPACE

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.

ENGINEERING · NEW WORKSPACE

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.

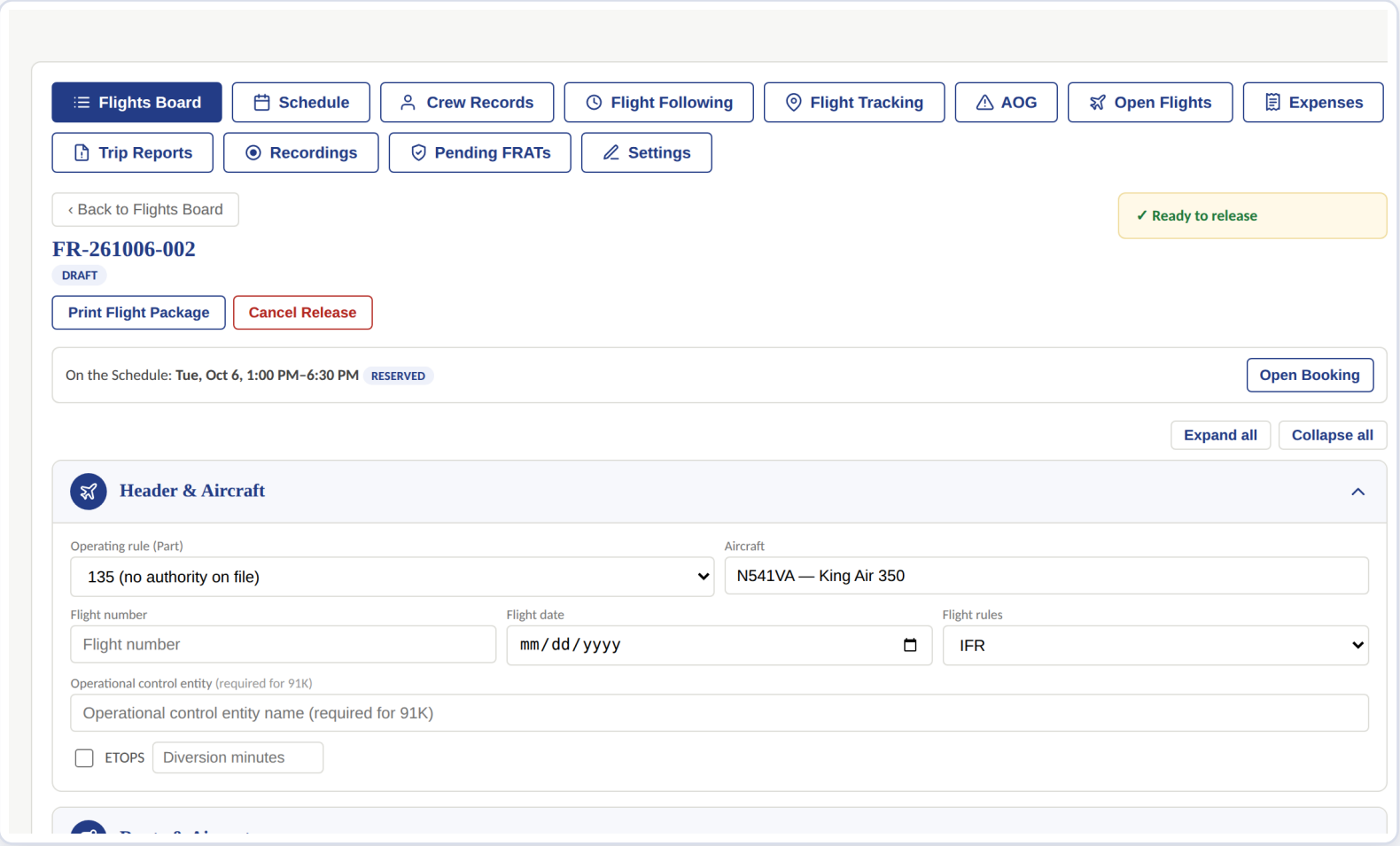
ENGINEERING HOME

The counts that matter

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

ACT 2 · FLIGHT OPS

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



1 Blockers in red

Grounding items, MEL limits, overdue inspections, crew medicals and currency all block the release.

2 FRAT with an approver

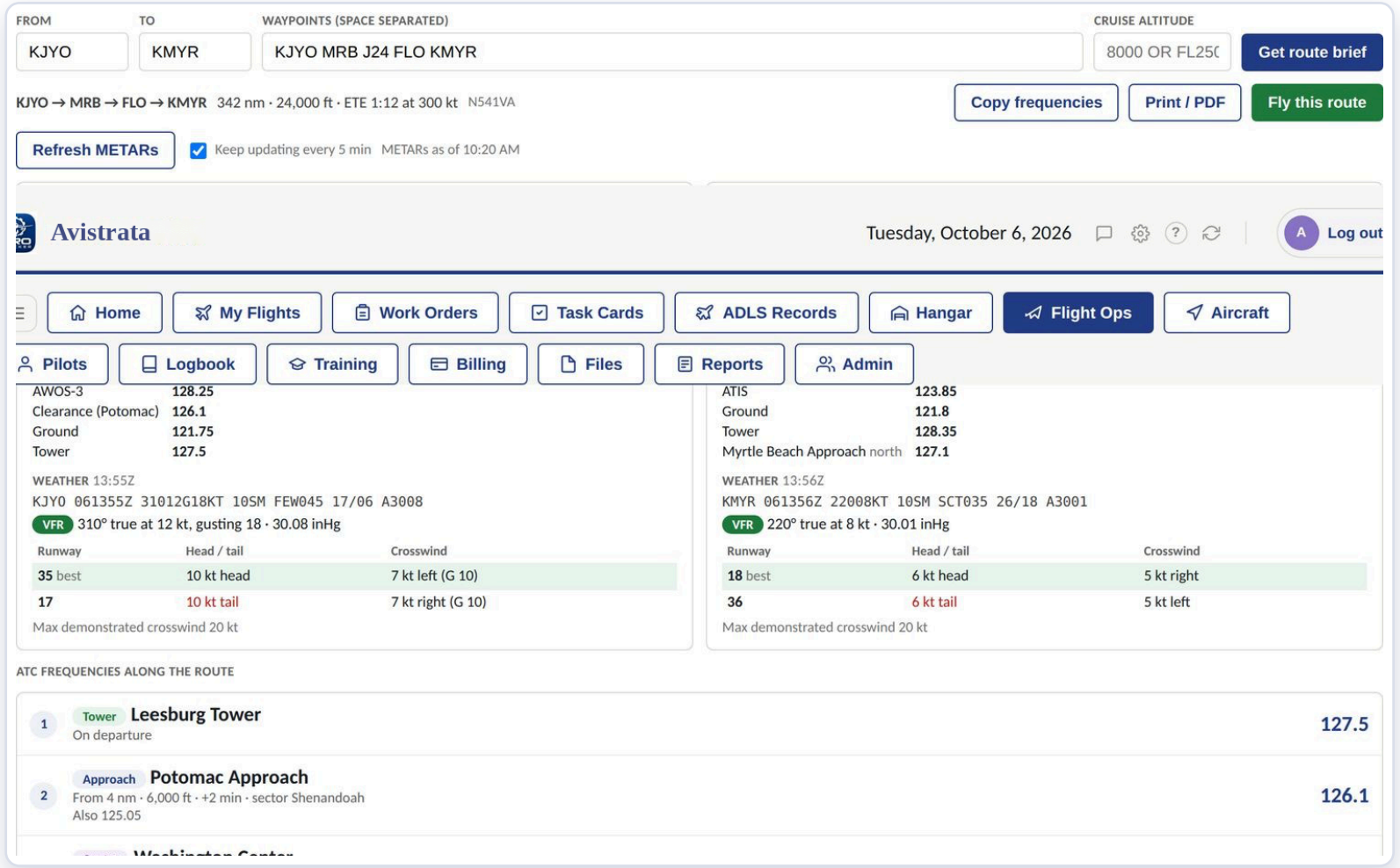
Scores above your line route to the chief pilot; the mitigation and approval stay with the release.

3 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



1 Route brief

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

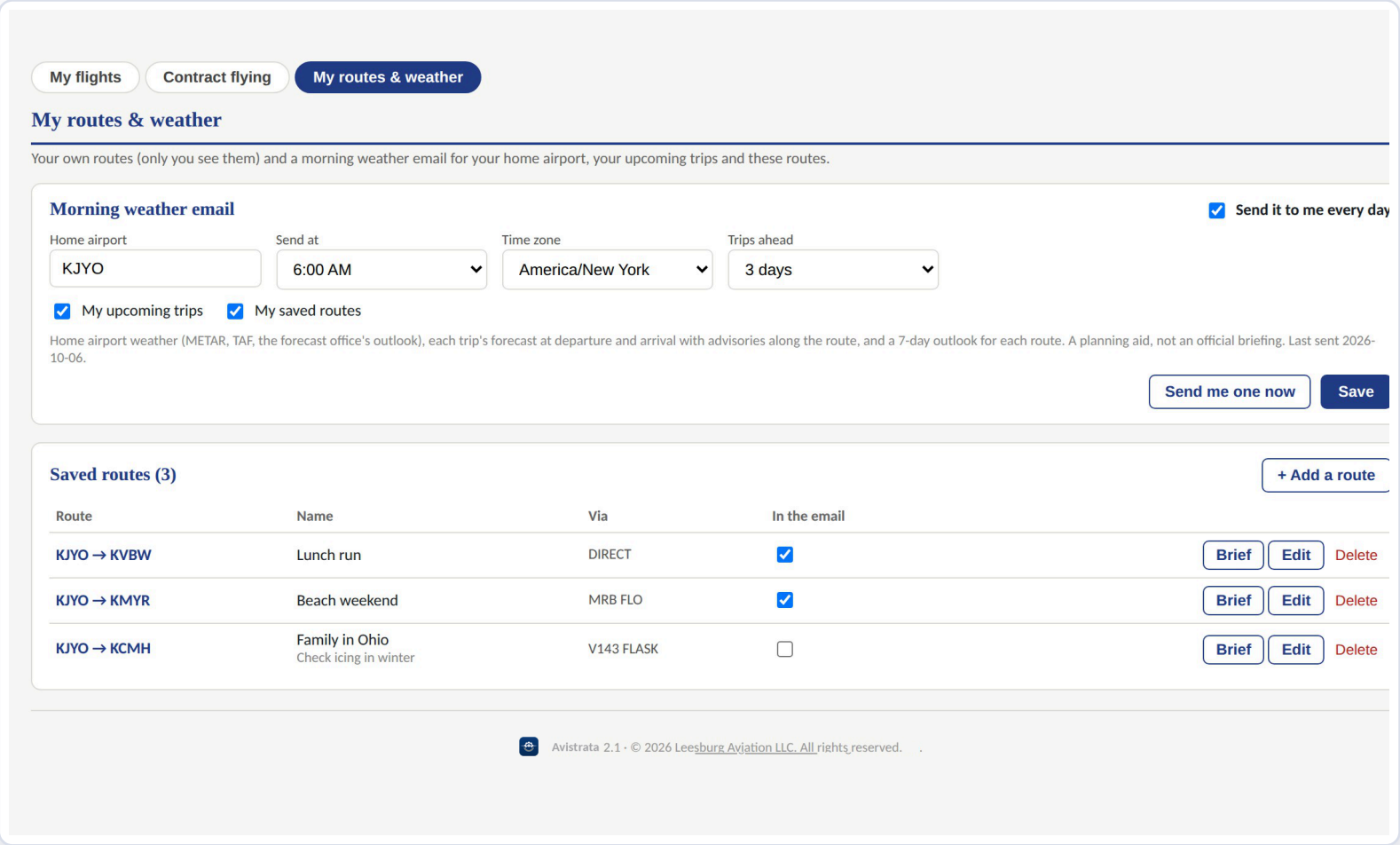
2 Takeoff and landing distances

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



1

My Flights

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

2

Private saved routes

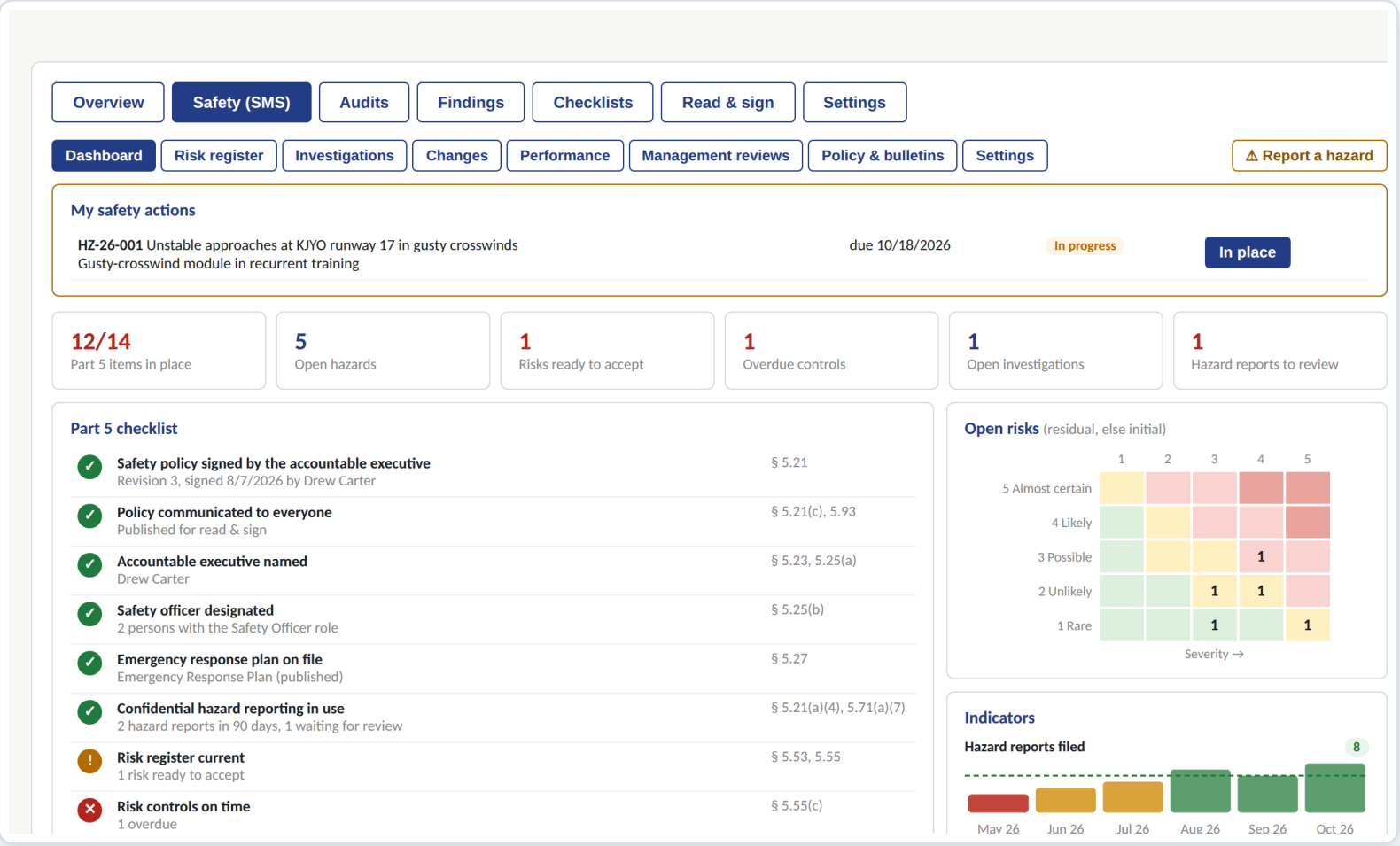
Each pilot keeps their own routes, with airport and waypoint search.

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**

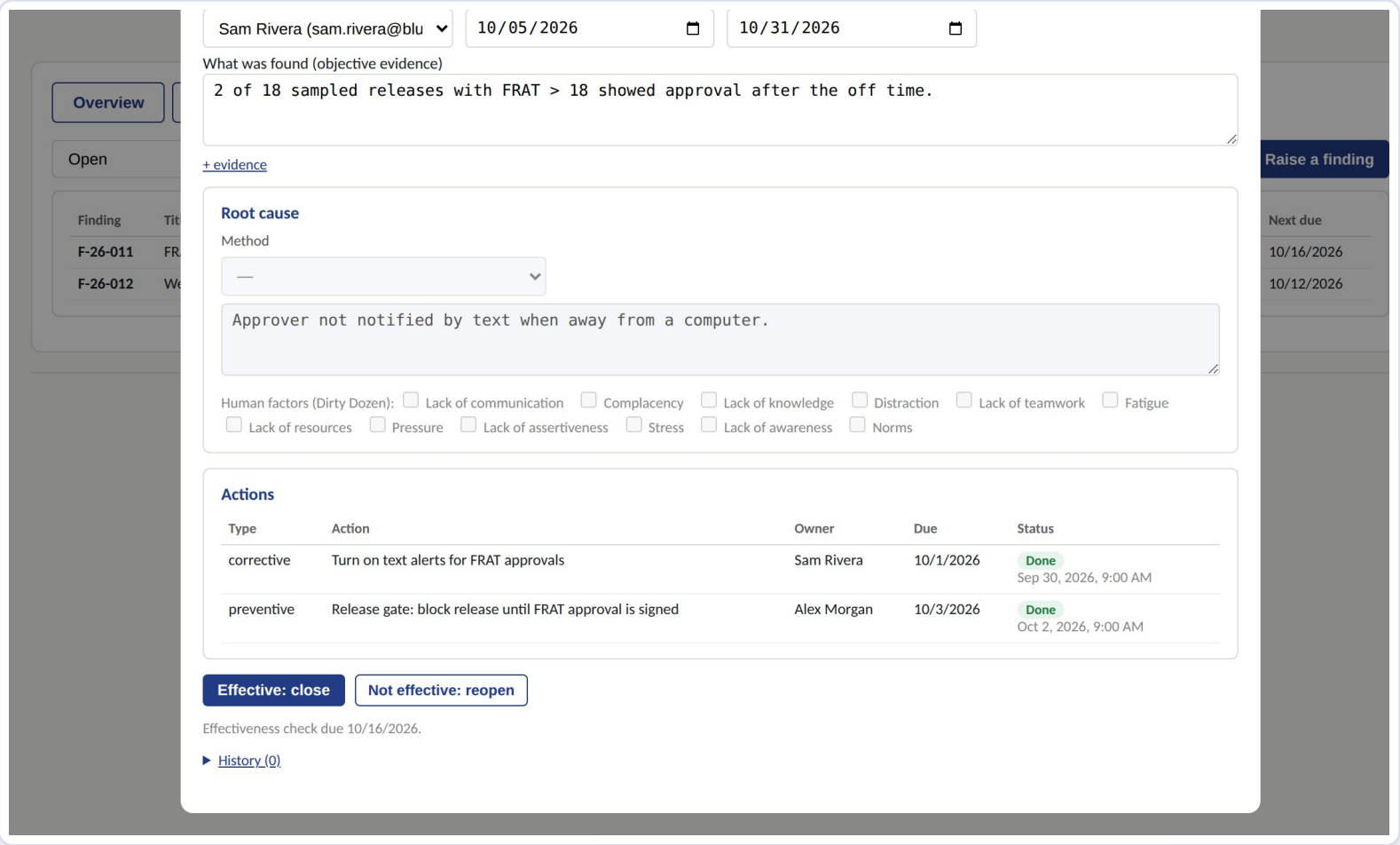
Hazards, risks, controls and acceptance at the level you set.

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



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

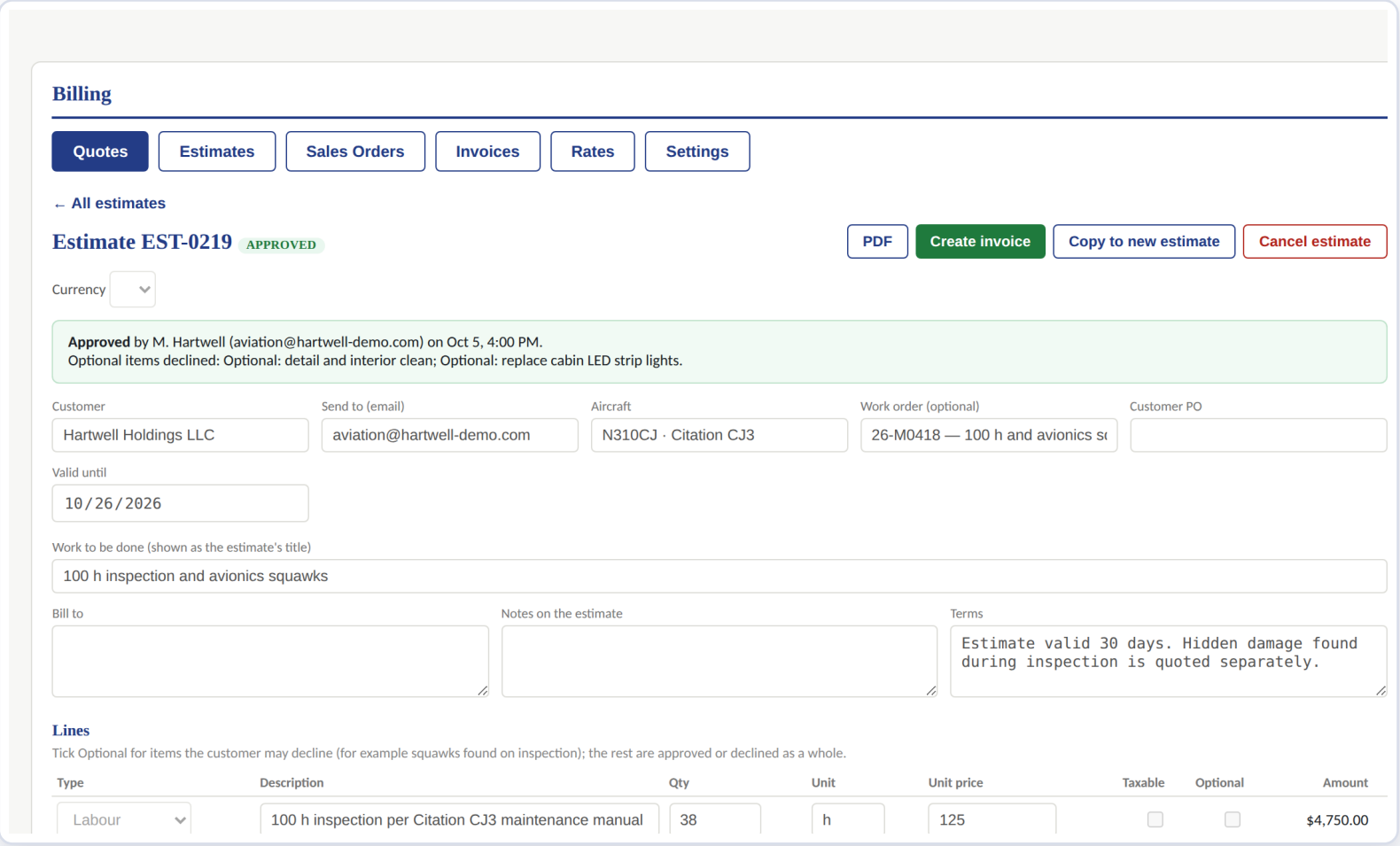
A PDF of status, due items, ADs, life-limited parts, MEL, work orders and every signed task card, with a checksum for each file.

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



1 **Signed online**

The customer approves the estimate and picks optional items.

2 **Invoice from the work**

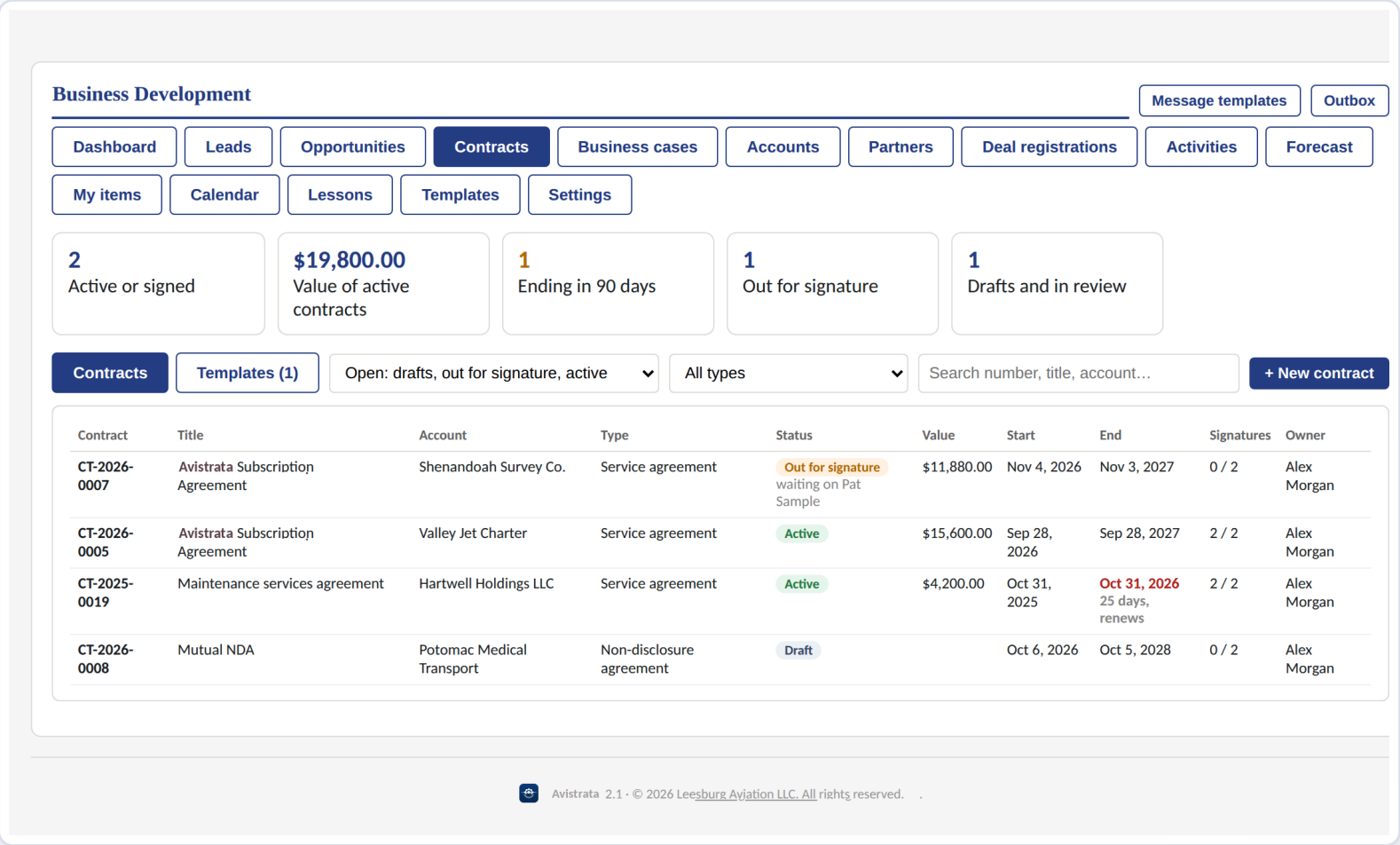
Labor and parts carry over; nothing is re-typed. QuickBooks and card payments are rolling out.

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



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

EDITIONS

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.

MRO TRACKER

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.

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