



The Attic Maintainer: Unlocking Efficiency in Aircraft Maintenance and Repair with AI

Keeping complex defense aviation systems operational requires intricate technical knowledge and expert troubleshooting skills accumulated over years of specialty experience. Yet faced with a retiring workforce and extensive non-digital documentation, maintenance depots struggle with knowledge drainage that threatens aircraft readiness objectives.

The Attic delivers an AI solution purpose-built to transform tribal knowledge into an accessible, actionable asset.

As a no-code platform, The Attic ingests maintenance manuals, repair data sets, and documentation of critical failure points across air asset classes. Proprietary AI extracts unstructured data into a structured knowledge base. Questions asked in natural language provide maintenance crews precise answers in seconds - complete with passages from source data for full contextual guidance.

Core Capabilities for MRO:

- Rapid resolution of equipment faults
- Accelerated qualification of new technicians
- Preservation of niche expertise despite attrition
- Mobile-accessible for on-the-floor support

With The Attic, decades of maintenance best practices reside in a singular, searchable repository. The results?

37% increase in first-time fix rate. Instead of faulty trial-and-error, repair techs have instant access to authorized documentation sequences, boosting safety and accuracy.

57% reduction in ramp-up for green recruits. Onboarding time is cut from 6 months to 8 weeks by granting new hires an on-demand technical advisor to supplement hands-on training.

Expertise persisting beyond career end. When long-time mechanics transition from active roles, in-head knowledge transforms into perpetually accessible AI support.

Inefficiencies in core defense workflows have material consequences for operational readiness. The Attic presents a 21st century solution built for the unique MRO environment. It stands ready to strengthen institutional knowledge where it matters most - in the hands of those keeping our aircraft safe and mission-ready.

Contact us for a custom demo showcasing The Attic Maintainer's optimization for depot maintenance.

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