



Jamf in Aviation

Unlock mobile-driven transformation everywhere work happens.

Enhance operations above and below the clouds.

Airlines and aviation teams depend on reliable technology across every stage of flight operations. Yet mobile environments present unique challenges that impact both employees and passengers:

- Crews and devices spread across airports, aircrafts and remote sites
- Devices strained by extreme temperatures, vibration and travel
- Limited connectivity and uncontrolled data use
- Downtime disrupting flights, services and ground operations
- Strict FAA, EASA, ICAO and IATA security requirements

To overcome these challenges, airlines need more than devices — they need technology that works seamlessly. With the right deployment, configuration and support, organizations can deliver outcomes that matter most:

- Devices that are reliable, secure and always ready
- Streamlined management across crews and locations
- Reduced downtime and operational delays
- Secure, compliant mobile environments
- Lower costs by extending device life and avoiding data overages
- Familiar, intuitive technology that's easy to use

"Broken devices, lost devices, software not working properly... we ran into a lot of that with our old platform. We've seen that with the deployment [of Jamf and Apple] that the devices just work."

— Danielle Howes,
Principal Mobility Architect,
American Airlines



*American Airlines deployed
80,000+ devices worldwide*

How American Airlines Transformed
Its Operations with Apple | [JNUC 2022](#)

How Jamf powers aviation

Jamf helps aviation teams stay productive and protected by simplifying device management and security at scale. From cockpit to gate, crews get reliable, always-ready devices while IT maintains visibility and control across fleets.

Security and compliance

Meet FAA guidelines with automated OS and app updates. Detect and block malware and risky apps with threat prevention and real-time risk scoring, while enforcing role- and location-based security controls to keep aviation operations safe and compliant.

Identity and access

Jamf ensures seamless device access and handoffs for aviation teams, without IT intervention. With role-based configurations, such as EFBs for pilots, SSO and Zero Trust Network Access, every user gets the right tools securely, anywhere in the world.

Device and app policies

Streamline device management with zero-touch deployment, granular policy controls and automated app assignments. Control data usage and gain visibility into device health and compliance to prevent disruptions.

Industry-focused solutions

Streamline shared device management with automated, purpose-built workflows. From provisioning and resetting devices between flights with [Return to Service](#), to enabling employees to triage and repair devices with [Mobile Assist](#), crews stay connected without delays.

With Jamf's aviation expertise and [global partner ecosystem](#), airlines can modernize mobility at scale — achieving regulatory compliance, operational efficiency and an Apple experience that empowers crews and enhances passenger trust.



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