

Hickam Air Force Base – Case Study

Tracking High-Value Medical Supplies with Barcode-Based Inventory and Asset Management



About Hickam Air Force Base

Hickam Air Force Base is a major U.S. military installation on the island of Oahu, Hawaii, and home to the United Pacific Air Force. With over 2,850 acres and a valuation exceeding \$444 million, the base supports critical defense operations and must maintain full readiness at all times.

Captain John Fowler, IT Consultant and Coordinator for the Critical Care Air Transport Team (CCATT), needed a way to manage and track equipment while also fulfilling his duties in the ICU and on missions.

The Challenge: Managing High-Value Medical Supplies in Real Time

Before implementing our combined [Inventory System](#) and [asset tracking](#) software Passport solution, Hickam faced multiple issues:

- **Manual Tracking Burden:** Fowler was manually tracking equipment, restocking, and maintenance, creating inefficiencies.
- **Lack of Centralization:** Inventory data was not centrally stored, making updates and audits difficult.
- **Compliance Demands:** Needed to meet federal requirements, including expiration dates, batch-lot tracking, and serialized inventory.
- **Mission-Critical Readiness:** Supplies and equipment needed to be ready and operational at all times.

"I needed an automated system that would monitor and track all of our equipment, thus freeing me up to do all my other work."

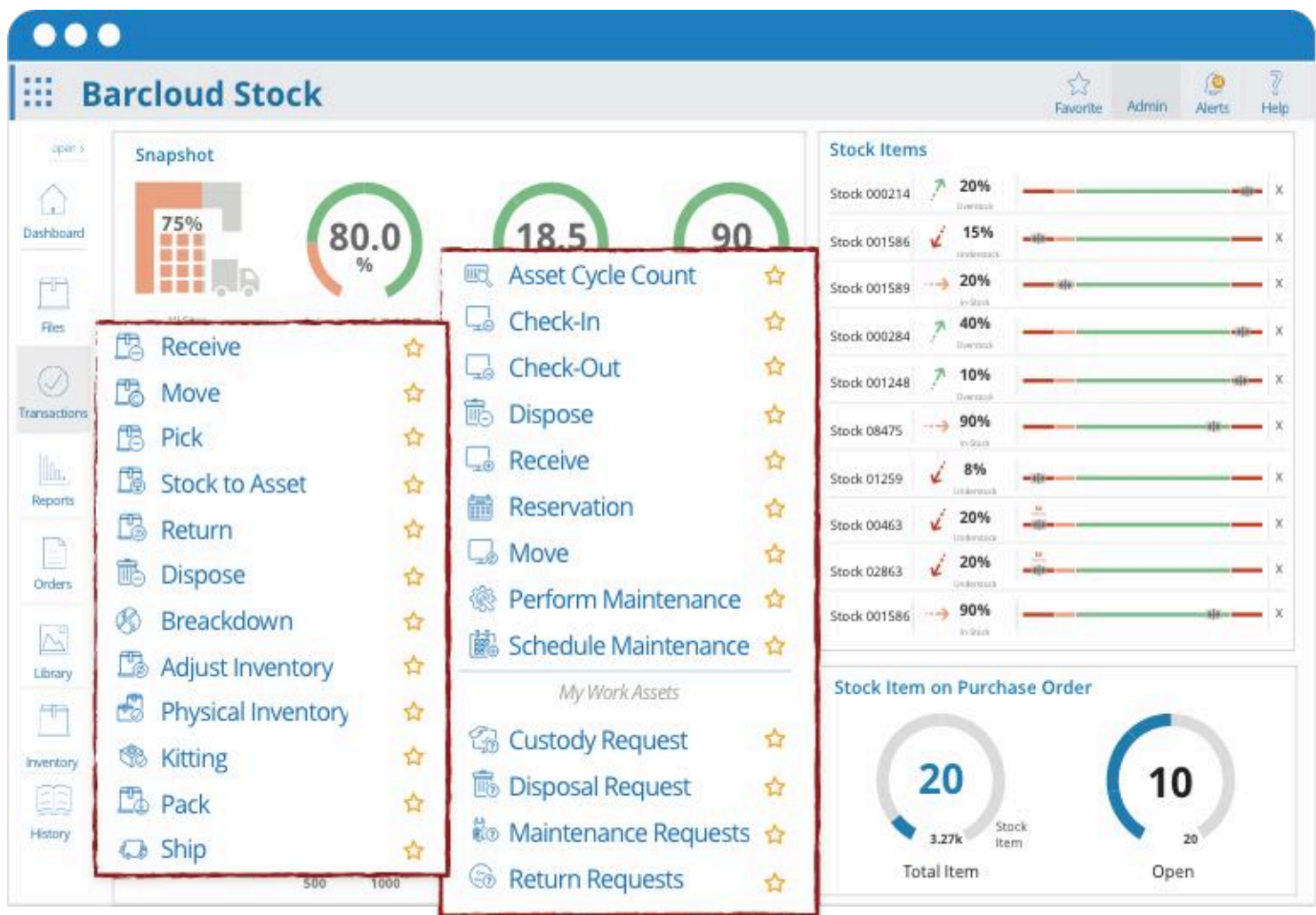
– Captain John Fowler

Why Hickam Air Force Base Chose BarCloud

After online research, Captain Fowler selected BarCloud for its:

- **Barcode-Based Automation:** Eliminated redundancy and saved time through real-time tracking.
- **Mobile Integration:** Used Motorola barcode scanners and Zebra printers to update inventory on the go.
- **Compliance Support:** Enabled tracking by expiration, batch-lot, and serial number.
- **Custom Configuration:** Bags were labeled as locations with categorized supply levels inside.
- **Reporting and Alerts:** Configurable reports and built-in SMS/email alerts supported decision-making.

[Check Our Inventory Management System's Features](#) →



Implementation and Results: From Stress to Systemized Control



"The program is so successful, and I will continue to refer it to multiple departments throughout the Air Force."

– Captain John Fowler

The implementation of Passport at Hickam AFB included online installation, mobile licenses, barcode scanners, and one-on-one support. Fowler configured the [Inventory system](#) to track standard, serialized, and non-inventory items by location.

Key results post-implementation:

- **Time Savings:** Allowed Fowler to focus on ICU and mission responsibilities.
- **Improved Readiness:** Supplies and equipment were easily located and kept operational.
- **Audit-Ready Reporting:** Delivered usage statistics, costs, and inventory levels to the base.
- **Alert Automation:** Ensured timely restocking with email/SMS reminders.



Looking to Modernize Your Military Inventory System?

If your department needs real-time tracking and compliance support for mission-critical operations, our Systems can help.
Contact us to [schedule a demo today at barcloud.com](#)