

# FY01 DON Pilot Project Summary

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**Project Name:** Radio Frequency Container – RF Container (#1127)

**Command:** NAVICP Philadelphia

**Functional Area Manager (FAM):** Logistics

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## **Pilot Summary:**

The RF Container technology was developed to address the health and location of aircraft engines, engine modules and the containers used to house the assets, or condition-based logistics. On several occasions, containers were opened to reveal the asset was either beyond economic repair or no longer ready for issue due to environmental conditions inside the container. Knowing the current condition of the asset is critical in reducing repair costs and sending a ready for issue asset to the fleet: this is condition-based logistics. The developed system sends alerts when assets are threatened by environmental conditions and consequently reports the storage location.

## **Business Value Added:**

- Prevent large value assets corroding which results in an increase repair costs or become beyond economic repair
- Accurately know the Ready for Issue status of assets
- Enables verification of actual data with existing data sources.

## **Other Considerations:**

- Automates manual inspections processes
- Alerts allow proactive responses with less personnel.

## **Pilot Participants:**

- NAVICP-Philadelphia
- NAS Jacksonville
- MCAS Cherry Point
- Georgia Institute of Technology (Vendor)

## **Targeted Users:**

- NADEP