



# Homeland Security

## IT Program Assessment

### USCG – Aviation Logistics Management Information System (ALMIS) (2010)

#### Background

The Aviation Logistics Management Information System (ALMIS) enables efficient, flexible and cost-effective aircraft operations, logistics, and maintenance support. ALMIS supports data entry from the start of a flight operation, recording the flight execution, tracking aircrew events, aircraft aging, aircraft configuration, aircraft maintenance requirements, aircraft part replacements, warehouse activities, procurement actions, financial payments, and reconciliation. A suite of government developed reports and commercial off the shelf business intelligence reporting tools are used to provide information to business managers throughout these related processes for optimal mission performance. ALMIS is a steady-state system, and satisfactorily completed the "Select" and "Control" Phases of the Coast Guard IT CPIC Process in 2002. ALMIS maintains daily system backups and a fully-functional disaster recovery-warm-site in Martinsburg, WVA. The ALMIS Configuration Control Board (CCB) governs the approval, scope, and schedule of any system changes. As the Coast Guard continues to expand and change its missions, functionality is changed or updated within ALMIS through these monthly software releases. If ALMIS were not funded, Coast Guard aviation capabilities would begin to degrade in 8 hours and aircraft would be grounded within 48 hours. Each hour of ALMIS downtime is estimated to cost \$238,000. The Coast Guard's ability to provide safe, reliable aircraft to support DHS missions would be jeopardized. Any gap in system availability has significant and serious impacts to USCG Aviation.

#### Review

The DHS CIO conducted a comprehensive program review of the USCG – ALMIS program on March 4, 2010. Major findings include the following:

- ALMIS is in a steady state of operations and maintenance and receives minor enhancements to improve functionality and prepare for replacement when the the USCG-LIMS program deploys its modernized logistics systems.
- As a short-term fix while awaiting the LIMS system, the USCG uses the ALMIS system for more than just aviation assets. It is also used to track small boat assets and the USCG plans to add other assets.
- ALMIS is being used to test LIMS business processes and findings are being injected into the LIMS program as requirements.

#### Assessment

The Program is purposefully not improving known capability gaps while it awaits implementation of the USCG-LIMS program. USCG's modernization efforts through the LIMS program is planned to replace ALMIS in FY 12.

**Score: 4**