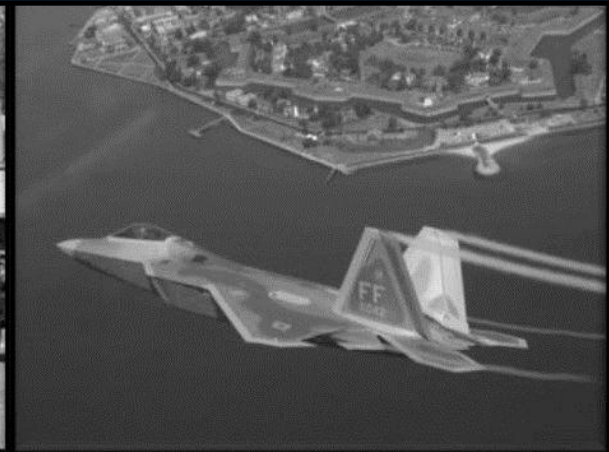




DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



Strategic & Critical Materials Information Data Gathering

May 23, 2012



Bottom Line Up Front

- A DoD centralized information or data collection repository/system that identifies, at the part or item level, the composition, use, or application of strategic and critical materials does not exist.
- Knowing tactical material requirements is critical for effective strategic material planning.



DLA Strategic Materials

- A part of Defense Logistics Agency
- Operational component of the National Defense Stockpile (NDS)
- Under the authority of: The Strategic And Critical Materials Stock Piling Act (50 U.S.C. 98 et seq.) hereafter the Act





Current Situation

- NDS Mission per the Act
 - ...”provide for the acquisition and retention of stocks...”
 - ...”determine..(1) which materials are strategic and critical..and(2) the quality and quantity..and form...”
 - ...”submit to Congress a report on stockpile requirements..”
- On going material assessments and studies
- Assumptions
 - Know what material(s) are being used where and to what extent
 - Use modeling given different scenarios
 - Use information system(s) available



Available Information Systems

- Federal Logistics Information System (FLIS)
 - Managed by DLA Information Services
 - Listing of items assigned a National Stock Number (NSN)
 - Old system with limited capabilities
 - Difficult to update
 - No Strategic/Critical material identification code
 - Item material field
 - Blank
 - Not Adequate
 - Not current
- Government Industry Data Exchange Program (GIDEP)
 - Evolving program established in late 1950s
 - Focus on Systems not parts/items
- Commercial systems/programs
 - Largely dependent on information/data from FLIS



Test Samples

- Air Force Strategic Material Recovery Recycle Program (SMRRP)
 - Tinker AFB Pilot Program
 - Material recovered from excess aircraft engines and components
 - 196 NSN identified
 - 68 had material information
 - 20 specific (AMS, ASTM, etc.) material information
- Mine Resistant Armor Protected (MRAP)
 - 43,868 NSN all variants
 - Approximately 10% with specific (AMS, ASTM, etc.) material information



Impacts

- Non-compliance with intent of DoD 4140.1-R
 - DoD Supply Chain Material Management Regulation
 - C3.6.1.1. “The loss or impending loss of manufacturers of items or suppliers of items or raw materials...”
- Unknown weapon system vulnerabilities due to strategic/critical material shortages.
- Inability to recover or recycle material.
- Potential dependence of foreign sources of supply.
- Inefficient weapon system life cycle management.



What is DLA Strategic Materials doing?

- Conducting research to:
 - Identify the magnitude of the problem
 - Investigate opportunities to collaborate with other DoD or Government Agencies
 - Develop potential work around or alternative solutions
- Continue to conduct material assessments and studies.



QUESTIONS?

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