



## Pyrotechnics Sector Update

- **News**

- Countermeasure flare awards >\$100M for F-22, B-52, F-18, C-17 & Rotary Aircraft
- USMC \$20M award of Signaling Colored Smoke Grenades to Rheinmetall
- Production of all 3 Lead Azide compositions (RD1333, SPLA, & DLA) at CED have all passed specification testing and are at ARDEC undergoing ignition & performance testing. Six month aging sample to be completed in Feb. 2011.

- **Issues / Strategic Challenges (FY12-16)**

- “Soft Landing” for U.S. producers hurt by foreign competitor wins due to U.S. Army reliance on Arsenal’s
  - Disincentive to industrial base to develop new products
- Order intake for minimum sustaining rates over the period
- Safety Board coordination between services and ‘unwritten’ requirements
  - Inclusion of ‘unwritten’ requirements during Board review - hitting a ‘moving target’
- Potential decrease in sole source justification awards will flat-line R&D efforts



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- **Issues / Strategic Challenges (FY12-16)**
  - Draft Process Capability, Control & Improvement Requirements:
    - Minimizes potential competitive advantage during proposal evaluation for companies investing in LSS methodologies
    - Allows broad authority for USG to withhold acceptance of conforming product tested IAW specification requirements, but determined to be in non-compliance with accepted Process Control Plan