United States Army
Special Operations Aviation Command

Special Operations Forces Industry Conference (SOFIC)

Army Special Operations Aviation Command
“ARSOA Perspective”

Systems Integration Management Office (SIMO)

LTC McDonald
21 May 2014

(Bob Walker, 270.798.1830, bob.walker@soar.army.mil)

The overall classification of this briefing is: UNCLASSIFIED
Agenda

- ARSOA Strategic Priorities
- SOA Roadmap
- Comparative Advantage
- Conclusion
ARSOA Strategic Priorities

- **Sustain Our Core Competencies Beyond The Current Fight**
  - Precision, lethal, ready, and rapidly-responsive
  - Surgical strike and special warfare capable
  - Anytime - Anywhere, Time on Target +/- 30 Secs

- **Posture To Provide SOA Support Forward**
  - Regionally aligned; persistent, episodic theater employment to enable GSN
  - Small-footprint, low-signature, scalable and tailorable (HAF, UAS, NSRW)
  - Results-based AvFid engagements and SOA-CAB partnering to build PN Aviation Capacity

- **Maintain The Comparative Advantage Over Our Adversaries**
  - Platform improvements to range, speed and payload
  - Mitigate the effects of the threat and the environment
  - Game changing technologies and mission equipment to enable the network

- **Pursue Affordability Initiatives Without Sacrificing Effectiveness**
  - Cost-wise readiness and performance-based sustainment initiatives
  - Right-size inventories with increased responsiveness
  - Leverage Joint and Service-specific common solutions
Comparative Advantage

Mission

Near Term (Prior to FY 16)

Now

The POM Years (Fiscal Year 16-20)

The EPP Years (Fiscal Year 21-29)

Beyond the EPP (Fiscal Year 29 – beyond)

Navigation / Targeting

Survivability

C2

Advanced Mission Equipment

Fully-Fused Sensor Systems
Multi-ship Instantaneous Sharing Situational Awareness
Cloud Based Information Management
Over-the-Horizon Information Sharing
Unconstrained Environmental Capabilities
Advanced/Integrated Navigation Systems
Satellite Based Terrain Mapping
Adverse Weather Capable
Light Weight, Increased Lethality Direct Engagement Systems
Full-Spectrum Signature Management
“Airframe as a Hot Spot”

Other

Secure Real-Time Video

HAVEQUICK

SINCGARS

ARC-231 MUOS

ANW2 – Link 16

Small Airborne Link Terminal

Common Avionics Architecture System (CAAS)
ARSOAC, as a resourcing Command has added a significant strategic capability by placing an optic towards being "agile and adaptive"

The ARSOAC Comparative Advantage Emphasis:

“Equipment Overmatch, Technology Overmatch, Training Overmatch”

Focus Areas

- **Cognitive**: Design systems that allow us to operate at the “Speed of Decision”
- **Technology**: Understand that we must “Adapt and Innovate” or “Face Defeat”
- **Tomorrows Battlefield**: “Range, Speed, Payload, Maneuverability on Target”
  - Must be affordable, adaptive and rapidly achievable

Ultimately, the ARSOAC Strategic Priorities enables:

“The Ground Forces Commanders with Speed, Agility, Lethality, Survivability, Depth and Networked Situational Awareness in order to Prevent, Shape and Win"