

# ***Headquarters U.S. Air Force***

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*Integrity - Service - Excellence*

## **Air Armament Symposium**

**2 Nov 2016**

**Maj Gen Jon Norman**

**Director, Global Power Programs**



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# Global Power Programs Portfolio

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## Global Strike Division



B-1

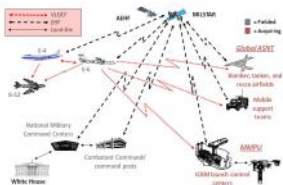


B-2



B-52

MEECN



NC3



NAOC



Minuteman III and GBSD



B-61 Tail Kit



ALCM/LRSO

## Air Dominance Division



F-22



F-35



F-15



F-16



A-10



Next Generation Air Dominance



Agile Combat Support

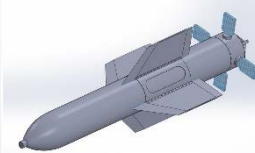


Aircrew Life Support Systems



Aircraft Engine Improvement

## Weapons Division



MOP



JDAM



AMRAAM



SDB I



SDB II



AIM-9X



Hellfire



JASSM / JASSM-ER



Electronic Warfare



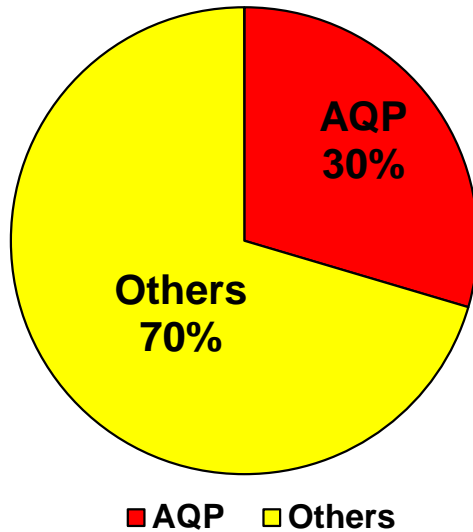
Aerial Targets



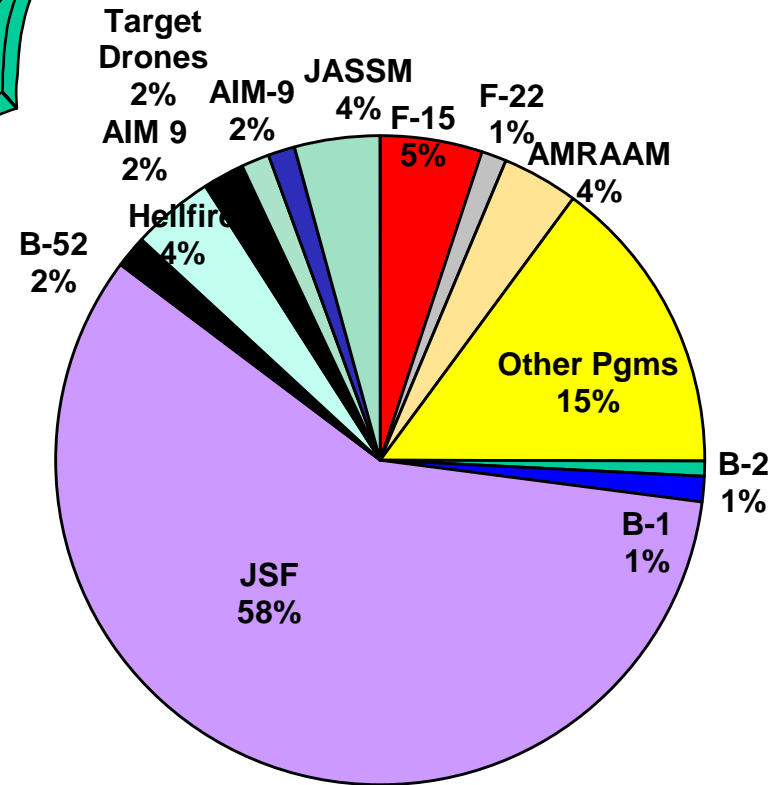
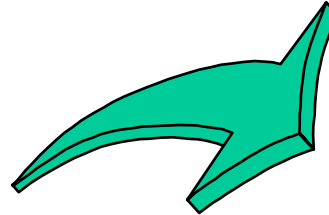
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# Global Power Programs AQP FY16 Procurement Appropriation

AF Procurement - \$25.3B



AQP Procurement - \$6.2B



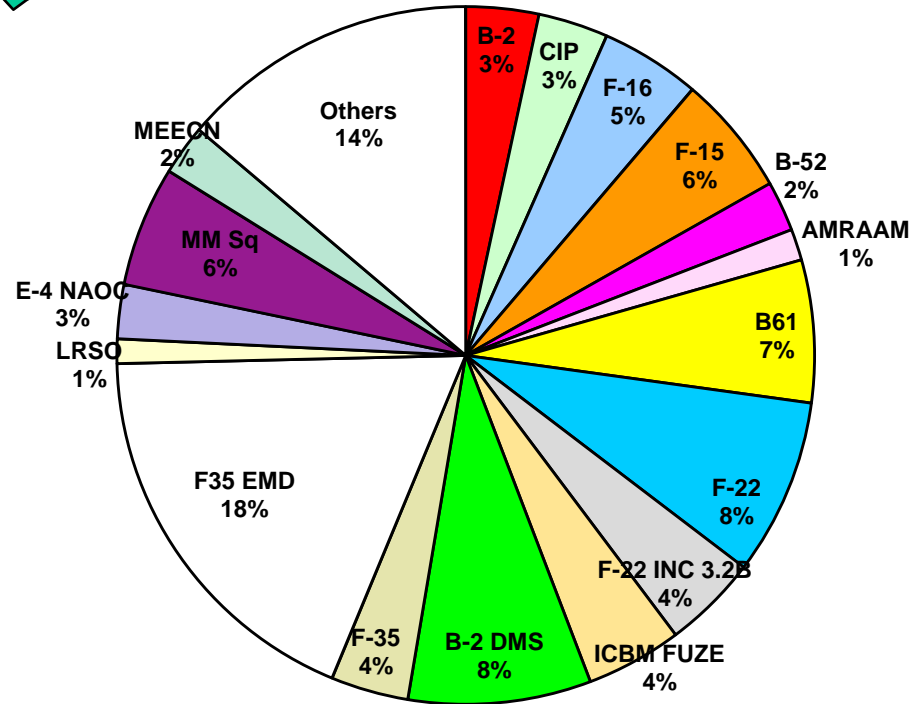
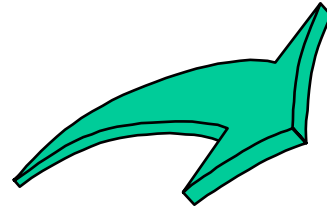
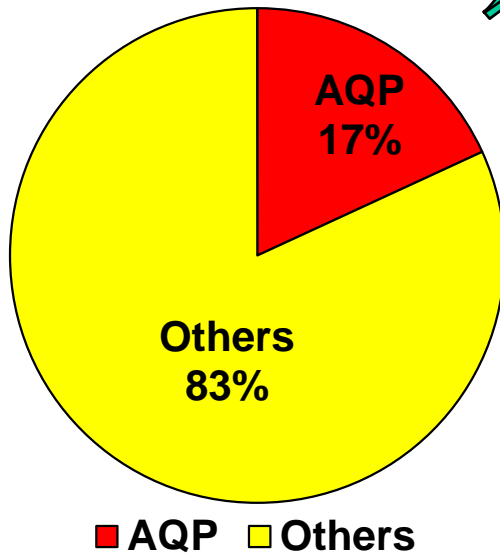


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# Global Power Programs AQP FY16 RDT&E Appropriation

AF RDT&E - \$18B

AQP RDT&E - \$3.1B





# Priorities – AQP's Perspective

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- **Priority 1: Getting High Priority Programs Right**
  - Nuclear Portfolio
  - F-35
  - Increasing Preferred munitions production capacity
  
- **Priority 2: Transparency**
  - Championing Congressional Relationships
  - Engaging with PEOs, MAJCOMs, Air Staff, OSD
  - Bending the Cost Curve
  
- **Priority 3: Owning the Technical Baseline**
  - AS2030 ECCT process
  - Flexibility and Agility in AQ processes
  - Value Competition
  - Innovation





# Priorities – AQP's Perspective

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## ■ Priority 4: Better Buying Power

- FMS Sales—keeping industrial base active & supporting
- Our allies (Building Coalition Partnerships)
- Engine challenge
- Should Cost (ICBM Fuze); Should Schedule (APKWS)



## ■ Priority 5: Build to the long term strategy – resiliency to peer competitors – experiment and innovate – STRATEGIC AGILITY

- NGAD
- Next Gen Strike Weapon
- LRSO
- GBSD



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# *Capacity, Capability & Readiness Striking the Balance.....*

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## ■ Capacity

- \$\$ + People vs. Requirements
- Taking on risk with fighter force structure to modernize fleet
- Balancing Allied partnership procurement needs with US reqts
- Munitions Capacity Drivers:
  - Size of Industrial Base
  - Acquisition Cycle (4+ years to replace 500lb JDAM)
  - Current Ops are driving high demand
  - Munitions historically used as bill balancer



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# *Capacity, Capability & Readiness Striking the Balance.....*

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## ■ **Capability**

- **Fewer aircraft w/weapons that can win against the advanced fighters and anti-aircraft missiles**
- **Modernization investment is key (B-61 tailkit mods, Nuclear Enterprise, LRSO, NGAD, F-35, F-16 SLEP, F-22 TacLink.....)**
- **Hard & Deeply Buried Target challenge**
- **Velocity of warfare change (Hypersonics)**





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# *Capacity, Capability & Readiness Striking the Balance.....*

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## ■ Readiness

- SAF/AQP partners with AF/A5/A3/A10 to ensure AF meets ongoing demands of existing Air Campaigns
- Munitions are being used faster than they can be replaced
- Coalition interoperability



# *FY17 – Expectations for the Year Ahead*

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- **Execute Critical Development & Procurement Programs**
- **Deliver and Support preferred munitions in support ground commanders**
- **Support FY18 PB delivery to Congress & FY19 POM development**



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***Questions?***

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