

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

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*Integrity - Service - Excellence*

## **Request for Additional FY17 Appropriations** **Air Force Prioritized Requirements**



**Maj Gen Jim Martin**  
**SAF/FMB**  
**16 March 2017**

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# Overview

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- **State of the Air Force**
- **FY17 Prioritized Requirements Process & Assumptions**
- **Request for Additional FY17 Appropriations (RAA) Highlights**
- **FY17 Budget Request**
- **Request by Appropriation**
- **Final Thoughts**
- **Questions**



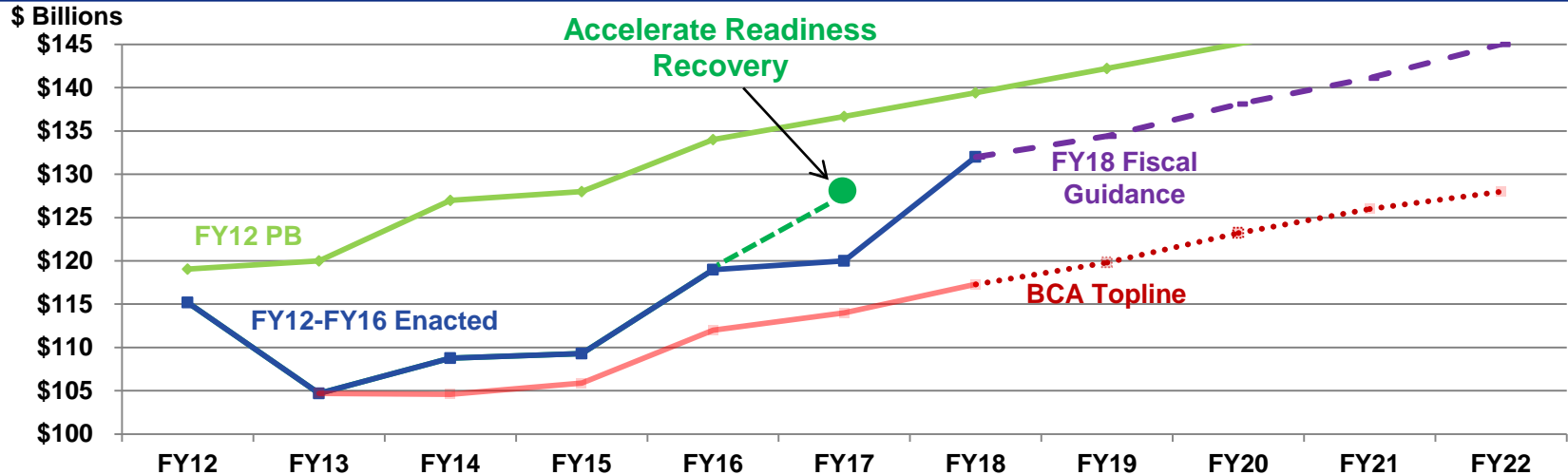
# *Today's Reality*

- **America's Air Force...still great, but too small to meet Nation's security demands**
- **26 yrs of combat ops stressing Airmen, readiness, weapon systems, infrastructure**
  - **59% fewer fighter squadrons...134 in 1991, 55 today...33 used in DESERT STORM**
  - **30% fewer people...down from 946K in 1991 to 664K military and civilian airmen**
  - **37% fewer aircraft...from 8,637 in 1991 to 5,517 in 2017**
  - **Average age of a/c is 27 yrs...readiness near all-time lows**
- **Smallest, oldest and least ready to meet tomorrow's threats...insatiable demand for American Airpower...and it will only increase**
  - **Leading global response against ISIL...still heavily engaged in Afghanistan**
  - **Facing a resurgent Russia...watchful eye on North Korea and rising China in the Pacific**
  - **Competitors closing gap...fielding advanced air defenses & 5th generation aircraft**
- **Must maintain balance...today's modernization is tomorrow's readiness**
- **FY17 topline increase accelerates readiness recovery, fills gaps**
- **Long-term budget stability...critical for full-spectrum readiness, future capability**



# FY17 PB

## What We Are Doing...What We Must Fix



### At FY17 BBA Levels...We Can:

- Sustain capacity to meet CCDR's most urgent needs
- Fund readiness components (FHs, WSS, exercises, etc.)
- Procure munitions to capacity to support current operations
- Fund top recap prgms KC-46, LRS-B, but F-35A at reduced rates
- Invest in nuclear enterprise (e.g., ICBM, C3, & B-2 mods)
- Advance space capabilities & build cyber mission teams
- Improve RPA enterprise (bonuses, enlisted pilots, & 60 lines)
- Fund Combat Rescue Helicopter & AF One recapitalization
- Stabilize the force (317K)...assess capability gaps
- Leverage Total Force capabilities and capacity
- Provide civilian & military pay increases (2.1%)

*Continues recovery in readiness and capacity, with modernization challenges*

### With Additional FY17 Topline...We Will:

- ✓ Grow end-strength to 321K+ in critical mission areas
- ✓ Procure 5x additional F-35As
- ✓ Address critical pilot production shortfall
- \*Accelerate 4th & 5th gen mods for F-15, F-16, C-130J, MC-130J, HC-130J, HH-60G, E-3, JSTARS, B-1 and A-10
- Fortify weapons systems cyber resiliency across multiple areas
- Strengthen nuclear enterprise...NC3, ICBM and Bomber upgrades
- Revitalize space radar upgrades for surveillance/cyber security
- Fix infrastructure...runways, taxiways, hangers, maintenance
- Enhance base and communications defense posture
- Fund critical battlefield airman combat kits and equipment
- Fund logistical support equipment and additional WSS
- Address OCO shortfalls...mandays, COCOM spt, Counter UAS

*FY17 RAA fills gaps and accelerates recovery*



# FY17 Prioritized Requirements Process & Assumptions

- FY17 UPL served as foundation
- Informed by Congressional actions
  - **New list is reconciled with FY17 Appropriation Bill**
- Reviewed potential assets...incorporated net results
- Conducted Operating & Investment Budget Reviews
  - Assessed executability
  - Prioritized requirements
  - Minimized need for future reprogramming efforts
- Aligned requirements to SecDef focus areas
  - Warfighter Readiness
  - Balance the Program
  - Increase Lethality



February 2016 –  
Original Submission



Program	Year	2017 Request (\$M)	Assessment
Flight Deck	2017	100	...
	2018	100	...
Maintenance	2017	100	...
	2018	100	...
Structure	2017	100	...
	2018	100	...
Total of Total			

March 2017 –  
Revised Submission



# FY17 Prioritized Requirements

## Top SecDef Requirements

### Improve Warfighter Readiness

- ✓ Grow end-strength to 321K+ w/ support (\$224.3M)
- ✓ Critical pilot production (\$126.0M)
- Weapons system cyber resiliency (\$57.4M)
- Counter small Unmanned Aerial System (\$86.5M)
- Battlefield Airman combat equipment (\$109.9M)
- Hard target void sensing fuse production (\$10.0M)
- Weapons System Sustainment (\$261.8M)
- Logistical support required for rapid deployment (\$35.8M)
- Upgrade ANG comm infrastructure (\$47.5M)
- COCOM airlift & security requirements (\$91.5M)

### Achieve Program Balance

- ✓ 5x additional F-35s (\$690.5M)
- \*4th & 5th gen mods (\$466.9M)
- Weapons system cyber resiliency (\$20M)
- Flight line operations (\$361.6M)
- \*Cyber & command comm (\$226.9M)
- Long haul comm (\$155.1M)
- GPS next gen control system (\$120.0M)
- Accelerate Nat'I/Tactical SIGINT integration & collaboration (\$40.0M)
- Space operations (\$27.6M)
- Nuclear deterrence operations (\$88.9M)
- Maximize production for BLU-117 bombs (\$60.0M)
- Water treatment (\$57.3M)

### Must Pay

- ✓ MILPERS/MERHCF/pay raise (\$47.6M)
- COCOM contract personnel requirements (\$50.0M)

***Must Pay Total \$0.1B***

### Overseas Contingency Operations (OCO)

- MILPERS mobilization man-days for Reserve Component members (\$131.0M)
- O&M COCOM support for ISR/WSS/cyber operations/long haul comm/air refueling/social media (\$93.3M)
- Procurement for SPEAR Gen 3 kits (\$28.6M)
- MILCON planning & design for European Reassurance Initiative (\$12.3M)
- Classified programs (\$236.3M)

***Warfighter Readiness Total \$1.2B***

***Program Balance Total \$5.5B***

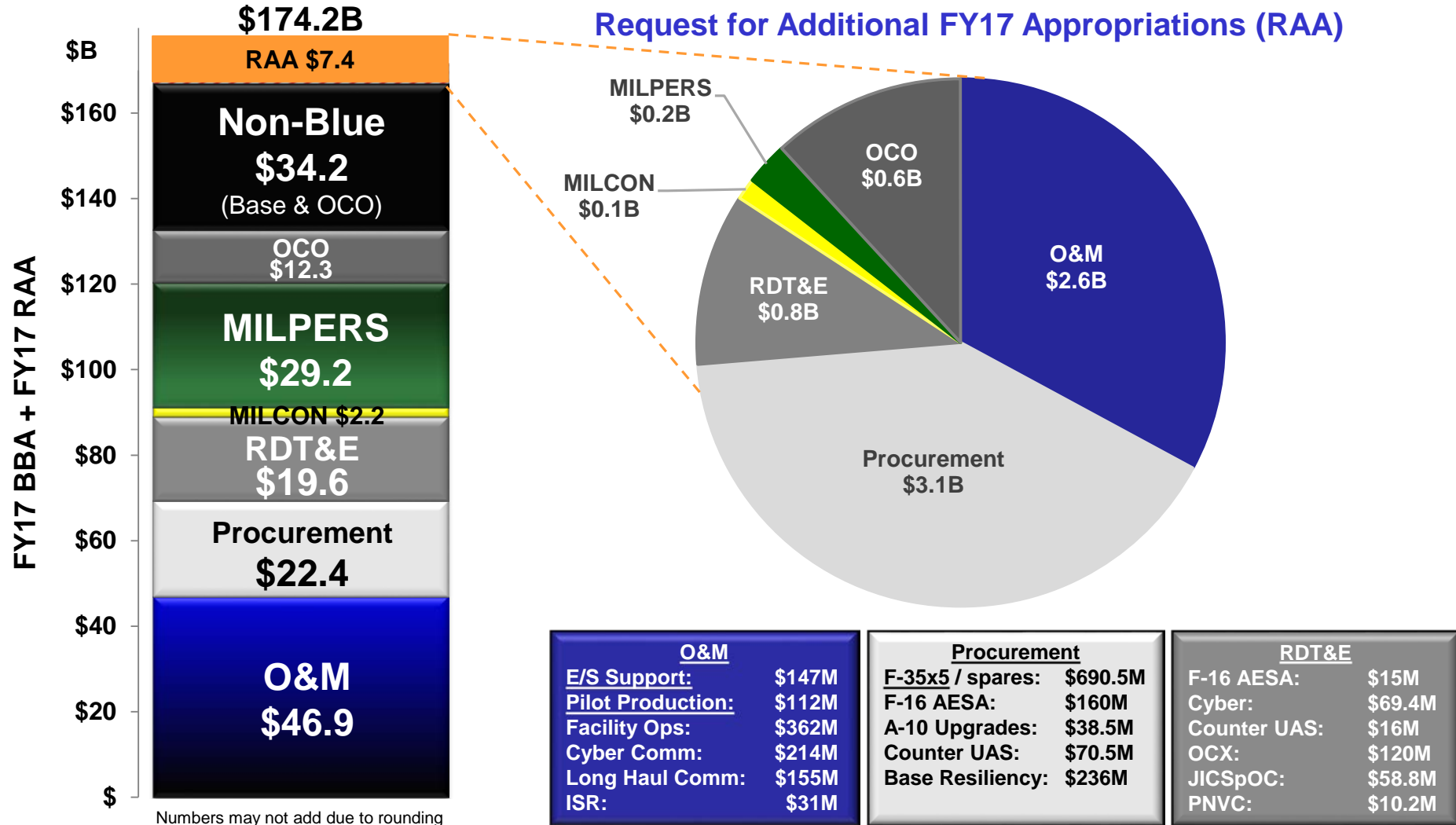
***OCO Total \$0.6B***

\*List is not all inclusive

***Accelerate Readiness Recovery...\$7.4B in FY17***



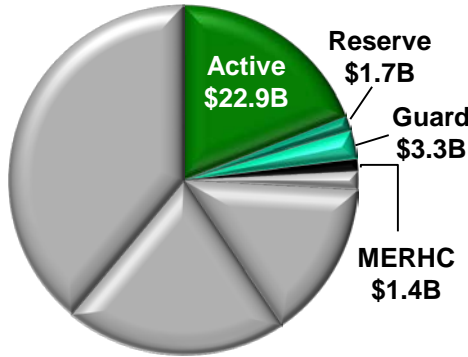
# FY17 Budget Request



*Budget request starts to address capacity & readiness...but at the expense of modernization  
Additional FY17 topline begins to fill gaps*



# Military Personnel

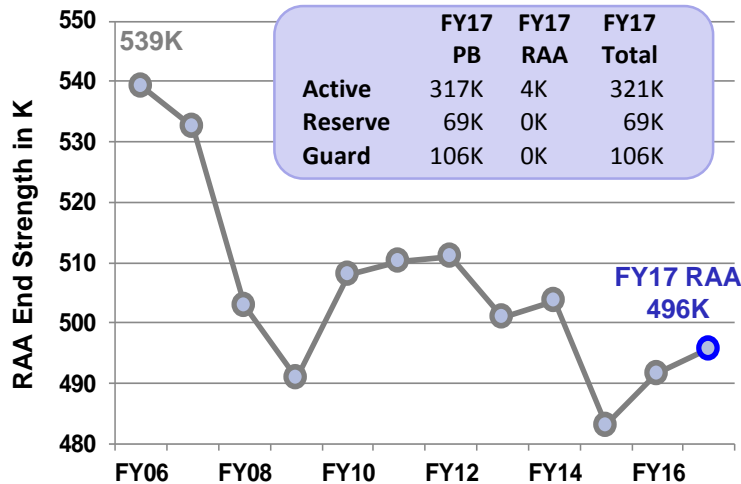


Component (\$M)	FY17 PB	FY17 RAA	FY17 Total
Active	22,919.7	49.2	22,968.9
Guard	3,267.2	22.6	3,289.8
Reserve	1,722.5	(3.9)	1,718.6
MERHCF	1,302.6	140.4	1,443.0
<b>Grand Total</b>	<b>29,212.0</b>	<b>208.3</b>	<b>29,420.3</b>



Numbers may not add due to rounding

**RAA: Addresses SecAF & CSAF immediate #1 readiness priority--increasing RegAF end strength**



## Warfighter Readiness

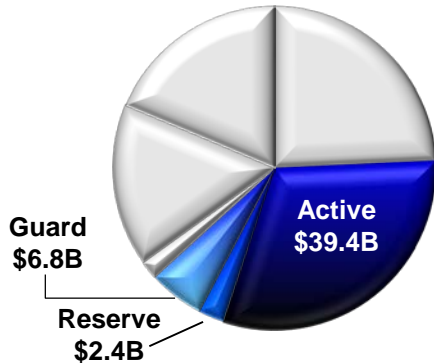
- ✓ Resources needed to grow RegAF up to 321K Airmen
  - Addresses shortfalls in critical skill sets (nuclear, cyber, pilots, mx)
  - Helps mx manpower stressors tied to F-35 standup
  - Expands student training to “right-size” the pipeline
  - First step on path to future end strength growth
- ✓ Supports full RegAF 2.1% pay raise
  - Draft Appropriation Bill add covers these requirements
    - Still remaining \$131.4M OCO Manday requirement
- ✓ Guard: 2.1% mil pay raise & F-16 training requirement
- ✓ Reserve: 2.1% mil pay raise; sourced with internal program savings

**Tough Choices: Critical capability gaps remain...must recruit and retain right skill set mix**





# Operation & Maintenance



Component (\$B)	FY17 PB	FY17 RAA	FY17 Total
Active	37.1	2.3	39.4
Guard	6.7	0.1	6.8
Reserve	2.3	0.1	2.4
<b>Grand Total</b>	<b>46.1</b>	<b>2.6</b>	<b>48.7</b>

Numbers may not add due to rounding



**RAA: Funds our most critical requirements to improve warfighter readiness, achieve program balance and build a more capable and lethal joint force**

## Warfighter Readiness

- ✓ Support requirements for 317K to 321K endstrength increase:
  - Total Force - Recruiting and advertising; ROTC scholarships; and technical training, supplies and equipment (\$147M)
- ✓ Pilot production: CAF, RPA, UPT, ADAIR, & F-35 Mx (\$112M)
- ISR: funds collection/dissemination for COCOM demands (\$31M)
- WSS for F-22, bombers, & KC-135 (77% base/90% OCO) (\$262M)
- Airlift Support for AFRICOM to support Dept. of State multilateral peacekeeping operations (\$32M)
- CYBERCOMs growth to lead & support joint cyber ops (\$77M)

## Program Balance

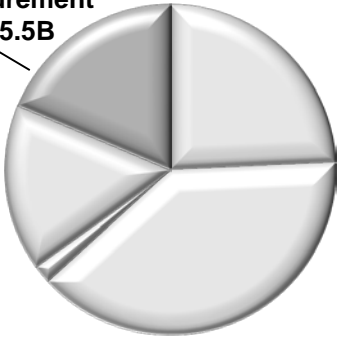
- Facility Ops: funds flightline & infrastructure to launch sorties, train forces, & ensure readiness of personnel (\$362M)
- \*Cyber: CMF trng, network control/security center & JIE (\$214M)
- Long Haul Comm: expands cloud computing for UAV ops (\$155M)
- Space ops: radar upgrades for surveillance networks & range contracts for geospatial info systems (\$28M)
- Nuclear Ops: NC3 security; ICBM sustainment & security; bomber training & maintenance equipment (\$89M)
- PFOS/PFOA: test, evaluate & provide clean drinking water (\$57M)
- Funds windows security upgrades and enterprise licenses (\$352M)
- Personnel security: investigations & OPM credit monitoring (\$64M)
- \*FSRM: critical runway/taxiway repaving, modernization of parking aprons, Mx hangars, & beddown of cyber mission forces (\$528M)

**FY17 PB protected core readiness but left tough choices and significant mission risk in other areas; FY17 RAA improves warfighter readiness and fixes programmatic gaps**



# Procurement

Procurement  
\$25.5B



Category (\$B)	FY17 PB	FY17 RAA	Total
Aircraft Procurement	13.9	1.8	15.8
Missile Procurement	1.4	0.0	1.4
Space Procurement	3.1	0.0	3.1
Ammunition Procurement	1.7	0.1	1.8
Other Procurement	2.3	1.2	3.5
<b>Total</b>	<b>22.4</b>	<b>3.1</b>	<b>25.5</b>



Numbers may not add due to rounding

## RAA: Revisits FY17 Tough Choice deferrals to increase Warfighter Readiness, Balance Programs

### Procurement

### Program Highlights

\$ Millions

#### FY17 RAA

F-35x5 (w/spares)	\$690.5
F-16 AESA	\$160.0
HC-130J x1	\$100.0
MC-130J x4	\$400.0
Base Resiliency	\$236.0
Counter UAS	\$70.5

#### FY17 RAA initiates restoring program balance

- \*Procures 5 F-35A aircraft and initial spares to ensure aircraft are fully supported upon delivery
- \*Continues the modification of F-16 aircraft for the inclusion of AESA JUON radar capability
- Procures 4 MC-130J and 1 HC-130J to continue recapitalization plan

#### Reduces threats to increase Warfighter readiness

- Acquires JCREW to counter Radio-Controlled Improvised Explosive Devices (RCIEDs); protects vehicles, warfighters, and structures
- Funds counter small unmanned aerial system (CsUAS) JEON to protect national assets from proliferating low cost, commercially available CsUAS

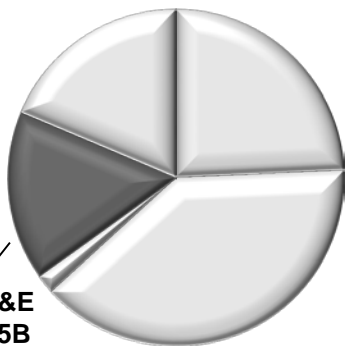
#### Procures 4th Generation readiness enhancements

- Procures A-10 upgrades including the Lightweight Airborne Recovery System (LARS)
- Modifies HC-130J aircraft with emergency beacon monitoring to support with locating downed aircrew in the Combat Search and Rescue missions

**RAA reduces the impact of the Tough Choices made in the FY17 PB**



# Research, Development, Test & Evaluation



Category (\$B)	FY17 PB	FY17 RAA	Total
Basic Research	0.5	0.0	0.5
Applied Research	1.3	0.0	1.3
Adv Technology Dev	0.7	0.0	0.7
Demonstration/Validation	2.8	0.2	3.0
Engineering Manufacturing Dev	4.1	0.1	4.1
RDT&E Management Support	1.2	0.1	1.4
Operational System Dev	9.0	0.5	9.4
<b>Total</b>	<b>19.6</b>	<b>0.8</b>	<b>20.5</b>



Numbers may not add due to rounding

**RAA: Focuses on investment in advancing warfighter readiness and increasing lethality**

## RDTE

### Program Highlights

\$ Millions

	FY17 RAA
GPS III OCX	\$120.0
Cyber Resiliency	\$69.4
JICSpOC	\$58.8
F-16 AESA	\$15.0
Counter UAS	\$16.0
PNVC	\$10.2
F-15 Test A/C	\$14.4

### Develops future technologies for warfighter readiness

- Invests in counter small unmanned aerial system (CsUAS) JEON to protect national assets from CsUAS based on low cost, extensive proliferation & commercial availability
- Supports the development of improved command and control capabilities for the Joint Interagency Combined Space Operations Center (JICSpOC) JEON

### Invests in capabilities & technologies to maintain competitive edge

- Progresses GPS Next Generation Control System (OCX) towards operational fielding
- Increases cyber resiliency through development of adaptive positioning, navigation, and timing components for future avionics systems
- Fixes configuration of system integration test laboratories for Presidential National Voice Conferencing (PNVC) Integrator

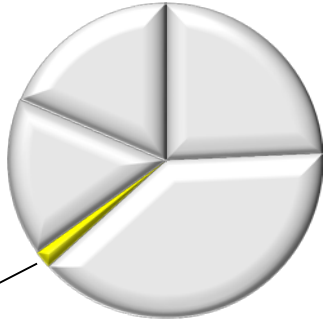
### Advances 4th Generation Warfighting capabilities

- Develops F-16 Active Electronically Scanned Array (AESA) to replace mechanically scanned radars for increased detection and tracking capabilities
- Fully funds upgrades required for incorporating emerging capabilities into A-10

**RAA advances technologies to stay ahead of competitors**



# Military Construction



Category (\$B)	FY17 PB	FY17 RAA	Total
Military Construction	1.8	0.1	1.9
Military Family Housing	0.3	0.0	0.3
BRAC	0.1	0.0	0.1
<b>Total</b>	<b>2.2</b>	<b>0.1</b>	<b>2.3</b>



Numbers may not add due to rounding

**RAA: Fills critical project funding gaps supporting Warfighter deliverables**

MILCON	
Program Highlights	
\$ Millions	
	FY17 RAA
BMT Dorm	\$20.0
BMT Classroom/Dining	\$10.0
Planning & Design	\$50.0
Weapons Storage Facility	\$29.0

### Active Air Force (\$93M)

- Supports “Grow the Force” initiative; funds BMT Recruit Dorm and BMT Classroom/Dining project shortfalls (\$30M)
- Addresses readiness shortfall in F.E. Warren Weapons Storage Facility project to comply with nuclear security requirements (\$29M)
- Balances Planning and Design budget vital to on-time F-35 and KC-46 mission bed-downs (\$34M)

### Air Force Reserve (\$9M)

- Balances Planning and Design -- covers critical recapitalization requirements

### Air National Guard (\$13M)

- Funds readiness shortfalls in Squadron Ops Facility, Vehicle Maintenance Facility, and Corrosion Control Hangar (\$5M)
- Continues to invest in new capabilities; fund shortfall in Medium Altitude ISR Beddown project (\$1M)
- Balances Planning and Design for key recapitalization projects (\$7M)

*Breaking Barriers ... Since 1947*



# Overseas Contingency Operations (OCO)



Category (\$M)	FY17	FY17	FY17 RAA	Less: FY17	FY17
	Request	Amendment		Enacted	Remaining Request
Military Personnel (MILPERS)	745.7	37.6	131.4	(51.8)	862.9
Operation and Maintenance (O&M)	9,561.1	382.5	93.3	(428.0)	9,608.8
Procurement	1,915.0	137.9	285.0	(423.3)	1,914.5
RDT&E <sup>1</sup>	20.0	0.0	72.8	0.0	92.8
MILCON	88.7	0.0	12.3	(88.7)	12.3
<b>Total</b>	<b>12,330.52</b>	<b>558.02</b>	<b>594.75</b>	<b>(991.92)</b>	<b>12,491.37</b>

Numbers may not add due to rounding

## MILPERS

- Funds 1,662 higher-than budgeted workyears for the pay and allowances of Reserve Component members mobilized to directly support Operation Freedom's Sentinel and Operation Inherent Resolve

## O&M

- COCOMs: ISR, Cyber Ops, C-ISIS Social Media, Coalition Air Refueling Cert, Wide Area Motion Imaging WSS, Long Haul
- Realignments: \$425M WSS/Flying Hours from BA02 to BA01, \$16M from BA03 to BA04 for Second Destination Transport

## Procurement

- Procures EC-130H Compass Call Quick Reaction Capabilities (QRC) to ensure Combatant Command requirements are met during the transition to EC-X
- Funds SPEAR Gen 3 capability to significantly reduce operational risk in the AOR by improving survivability of ground and air forces

## RDT&E

- Invests in EUCOM JUON to protect national assets from the evolution of small unmanned aerial systems based on low cost, extensive proliferation and availability in the commercial market place

## MILCON

- \$12.3M Planning and Design funds to initiate design of projects being considered in the FY 2018 ERI MILCON program

***Combatant Commanders' demand for unique Air Force capabilities continues to grow***



# *Final Thoughts*

- **Thank you for your support in FY17 to pass an appropriation and support our Request for Additional Appropriations which addresses our most urgent warfighter readiness priorities**
  - **Increasing our Total Force end-strength to fully man units our combatant commanders need to fight and win...#1 readiness priority**
  - **Accelerating our aircraft modifications and procurement of the F-35**
  - **Investing in our pilot production to address the national pilot crisis**
  - **Improving Weapon System Sustainment, Cyber/Space and nuclear enterprise requirements demanded in a full-spectrum conflict environment**
- **Repealing the Budget Control Act would provide the Air Force with predictable funding for the future**
- **Your support is foundational to accelerating readiness recovery and building a strategy-driven budget that provides our nation with the Air Force it requires**



*Breaking Barriers ... Since 1947*