An Overview of
PEO AVIATION
Huntsville Aerospace Marketing Association

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PROGRAM EXECUTIVE OFFICER
AVIATION
# Army Global Commitments

## Army Personnel Strength

<table>
<thead>
<tr>
<th>Component</th>
<th>R/C Authorized for Mobilization / On Current Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active (AC)</td>
<td>522,000</td>
</tr>
<tr>
<td>Reserve (RC)</td>
<td></td>
</tr>
<tr>
<td>USAR</td>
<td>190,000</td>
</tr>
<tr>
<td>ARNG</td>
<td>353,000</td>
</tr>
<tr>
<td></td>
<td>1,065,000</td>
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</table>

## Army Global Commitments

**AC STATIONED OVERSEAS**: 103,000

**AC STATIONED STATESIDE**: 419,000

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### South Korea

- **18,000 SOLDIERS**
  - (Part of AC Station Overseas)

### ALASKA

- **11,000 SOLDIERS**

### OIF-Iraq

- **119,000 SOLDIERS**

### OIF-Kuwait

- **11,000 SOLDIERS**

### OEF-Philippines

- **400 SOLDIERS**
  - (RC Mobilized Stateside)

### Homeland Security

- **5,000 SOLDIERS**
  - (RC Mobilized Stateside)

### JTF-GTMO

- **600 SOLDIERS**

### JTF-BRAVO

- **600 SOLDIERS**

### MFO

- **700 SOLDIERS**

### USAREUR

- **47,000 SOLDIERS**

### OEF-Afghanistan

- **18,000 SOLDIERS**

### Bosnia

- **10 SOLDIERS**

### Alaska

- **11,000 SOLDIERS**

### USAREUR

- **47,000 SOLDIERS**

### Other Operations & Exercises

- **4,690 SOLDIERS**

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**AS OF 27 NOV 07**

259,000 Soldiers deployed/forward station in nearly 80 countries overseas

*Includes AC Stationed Overseas*
Committed Army Aviation

- **Worldwide Deployments**
  - OEF  OIF  Europe  Korea  Balkans  Honduras

- **Homeland Defense and Security**

- **Humanitarian Relief--Assistance**
  - Asian Tsunami  Hurricane Katrina-Rita  Pakistan Earthquake

- **Reorganization**

- **Restationing**

- **Preset/Reset**

- **Modernization**

- **Unmanned Integration**

**Aviation Core Missions**
- Reconnaissance
- Close Combat Attack
- Air Assault
- Sustainment
- C2
- MEDEVAC
- Convoy Escort
- Manned/Unmanned Teaming

**Key Enabler: Rapid Reset!!!**
### Army Aviation OPTEMPO

**OIF**

- **AH-64** (107): 379,934 Hours
- **CH-47** (47): 100,617 Hours
- **UH-60** (235): 585,752 Hours
- **OH-58** (93): 339,378 Hours
- **Fixed Wing** (42): 100,915 Hours

**OEF**

- **AH-64** (48): 77,669 Hours
- **CH-47** (25): 61,612 Hours
- **UH-60** (64): 81,466 Hours
- **Fixed Wing** (8): 14,831 Hours

**Total Flight Hours**

<table>
<thead>
<tr>
<th>Fleet</th>
<th>Units</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>OIF</td>
<td></td>
<td>1,901,672</td>
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<tr>
<td>OEF</td>
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<td>258,411</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>2,160,084</td>
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</tbody>
</table>

**UAS**

- (20) Shadow: 237,933 Hours
- (2) Hunter: 28,721 Hours
- (347) Raven: 83,314 Hours
- (5) Warrior A: 45,108 Hours
- **UAS Total**: 395,076 Hours

**UAS**

- (48) Raven: 9,303 Hours
- (2) Shadow: 9,034 Hours
- (1) Warrior A: 1,083 Hours
- **UAS Total**: 19,420 Hours
Fixing Army Aviation

Requires
Accelerate Aircraft Survivability Equipment
Fund Apache Block III Conversion
Buy Armed Reconnaissance Helicopter
Buy Light Utility Helicopter
Buy Black Hawks
Buy Chinooks
Buy Cargo Fixed Wing
Invest in Common Cockpit, Fly-by-Wire
Invest in Aviation Munitions
Initiate Joint Multi-Role Helicopter Program
Resource Army UAV requirements

Termination Date
2003
Comanche
121 Aircraft
Low Observable
On board Maintenance Diagnostics
Two Level Maintenance Design
Plus Billions ($) in Planned Upgrades

Buys 1125 new aircraft
ARH – 368
UH-60M – 351
JCA- 33
LUH – 322
UH-60L – 24
CH-47F - 27

UH-60M
LUH
ARH
JCA
CH-47F
### Where we are going

**Updated 29 NOV 07**

<table>
<thead>
<tr>
<th></th>
<th>FY07</th>
<th>FY08</th>
<th>FY09</th>
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<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
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<tr>
<td><strong>ARH-70A (ACAT 1D)</strong></td>
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<tr>
<td><strong>UH-60M (ACAT 1D)</strong></td>
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<tr>
<td>UH-60M:</td>
<td>72</td>
<td>48</td>
<td>57</td>
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<tr>
<td>HH-60M:</td>
<td>5</td>
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<td><strong>UH-60M Upgrade (ACAT 1D)</strong></td>
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<tr>
<td><strong>LUH (ACAT 1C)</strong></td>
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<tr>
<td><strong>CH-47F (ACAT 1C)</strong></td>
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<tr>
<td><strong>Longbow Apache (ACAT 1D) BLOCK III</strong></td>
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<tr>
<td><strong>JCA (ACAT ID)</strong></td>
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</tbody>
</table>

**ARH-70A (ACAT 1D)**
- MS C
- LRIP
- IOTE
- FUE

**UH-60M (ACAT 1D)**
- FRP
- FUE
- MY VII C/A

**UH-60M Upgrade (ACAT 1D)**
- UH-60M UPGRADE
- MEDEVAC MEP
- OT
- FRP
- FUE

**LUH (ACAT 1C)**
- Full Production Line

**CH-47F (ACAT 1C)**
- PMR
- IAIC
- FUE
- IAIC
- IOTE Phase II
- 2UE
- 3UE
- 4UE

**Longbow Apache (ACAT 1D) BLOCK III**
- PDR
- CDR
- First Flight

**JCA (ACAT ID)**
- MS C
- LRIP
- Contract Award
- PRR
- 1st Delivery
- PQT
- IPR
- IOT&E
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<th></th>
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<th>FY09</th>
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<td>1 2 3 4</td>
<td>1 2 3 4</td>
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<tr>
<td><strong>Sky Warrior (ACAT II)</strong></td>
<td>▲ CDR</td>
<td>▲ DAB APR</td>
<td>▲ MS C JUN</td>
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<td>▲ First Flight</td>
<td>▲ MS C LRP</td>
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<td><strong>Small UAV (ACAT III)</strong></td>
<td>▲ FUE Raven B</td>
<td>▲ Start FRP Raven B</td>
<td>▲ IPR</td>
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<tr>
<td></td>
<td></td>
<td>▲ FRP II Raven B</td>
<td>▲ CDR</td>
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<tr>
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<td></td>
<td></td>
<td>▲ FOT</td>
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<tr>
<td><strong>Shadow (ACAT II)</strong></td>
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<td></td>
<td>▲ FRP V</td>
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<td></td>
<td></td>
<td>▲ TCDL &amp; Laser</td>
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<td></td>
<td>▲ Desigantor LRP</td>
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<tr>
<td><strong>FCS Class I</strong></td>
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<td></td>
<td>▲ PDR</td>
</tr>
<tr>
<td><strong>FCS Class IV</strong></td>
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<td></td>
<td>▲ PDR</td>
</tr>
</tbody>
</table>

- **FY07:** First Flight (FUE Raven B), FRP II Raven B, DAB APR, CDR, MS C LRP, IPR
- **FY08:** IOTE NOV FY10, Start FRP Raven B, FUE Raven B, CDR, FOT
- **FY09:** Raven PIP BLK-0 Development, Raven PIP BLK-1 Development

*Updated 29 NOV 07*
The Scope of PEO Aviation

What We Do:
• Centralized Management for All Assigned Army Aviation Programs
• Full Life-Cycle Management of Assigned Systems
• Improve Interoperability
• Enhance Reliability and Safety
• Maintain Combat Overmatch thru Recapitalization & Modernization

The Magnitude:
• FY 08 PB — $33.4B over POM years FY 08- FY 13
• Includes RDT&E, Procurement and OMA
• FMS Total Case Value — $7.023B
• 55 FMS Cases — 36 Countries

Total Workforce:
(Military, Civilian, MATRIX & Contractors)
1852

Total FY08 Resources:
~$6.3B
Aviation S&T Enabling Capabilities

Priority Areas:

1. Aircraft flight performance
2. Aircraft survivability
3. Maintainability and reliability
4. Open architecture/reconfigurable designs
5. Target acquisition/pilotage
6. LOS/NLOS commo and network connectivity
13. Airspace management
14. Flight safety
15. Unmanned aerial systems operations
16. Lethality
17. Man/machine integration
18. Training/mission rehearsal
19. FARP operations
20. CBRNE operations
21. Cargo handling
22. Improved aircrew selection
23. Modeling and simulation
BRAC moves significant number of jobs to Redstone

- Predicted low percentage of people moving with their jobs (Government and contractor)
- Major increase in vacancies (both Government and contractor)
  - Many of these vacancies expected to be filled from Redstone population
- Organizations leaving due to BRAC will have little balancing effect
- Questionable ability of existing workforce to absorb vacancies without negatively impacting mission performance

Aging workforce exacerbates the number of vacancies

Other “natural” attrition intensifies the problem
## Scoping the Problem

### Incoming Positions

(4,592)

<table>
<thead>
<tr>
<th></th>
<th>AMC</th>
<th>USASAC</th>
<th>ATTC</th>
<th>2d Rec Bdg</th>
<th>Rotary Wing</th>
<th>SMDC</th>
<th>MDA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Military</td>
<td>127</td>
<td>11</td>
<td>24</td>
<td>59</td>
<td>6</td>
<td>49</td>
<td>90</td>
</tr>
<tr>
<td>Civilians</td>
<td>776</td>
<td>326</td>
<td>101</td>
<td>55</td>
<td>44</td>
<td>72</td>
<td>443</td>
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<tr>
<td>Contractors</td>
<td>407</td>
<td>30</td>
<td>194</td>
<td>3</td>
<td>0</td>
<td>60</td>
<td>1715</td>
</tr>
</tbody>
</table>

Number of Positions

- **MDA Details**: Soft
Summary

• Fund to President’s FY09 Budget

• Support Army’s tactical requirement for JCA and Sky Warrior

• Sustain War Replacement Aircraft (WRA) Supplemental Funding

• Sustain Reset of Aircraft Beyond End of Current Conflict

We Must Guard Against Resetting the Fleet at the Expense of Modernization
SUPPORTING THE FORCE