AFSOC Training Systems
Briefing to USAF APBI

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This briefing does not imply endorsement of any contractor(s) by the Dept of Defense or military services.
AFSOC Topics

- Current Force Structure
- Where We Are Going
- Future Adds/Programs
- Interoperability and Sustainment
- On the Horizon – Potentials
- Questions
Current Training Force Structure

Kirtland AFB (formal school)
- MH-53J - retire FY10
- HH-60G (2)
- MC-130H
- MC-130P
- CV-22 (4)
- HC-130 (FY06 procurement)

Hurlburt Fld (formal school)
- AC-130U
- MC-130E
- MH-53M (unit) – retire FY12
- MC-130H #2 (unit)
- CV-22 (unit) - RFT FY07

Visual Threat Recognition and Avoidance Trainer (VTRAT) - SOF
- Kirtland, Hurlburt, Duke, Harrisburg, Kadena, Mildenhall
Where We Are Going

FY03-06 Recapitalization ($44M+)
- Common IGs and displays (VITAL 9)
- Host computer replacements
- Instructor Operator Station upgrades
- Input/Output
- Control loading
- Concurrency backlog
- Convert MC-130H MRD to WST
- Flight test collection of specific aircraft data to improve aero models (Level D)

Requirements/Impetus
- Move training from flight line to simulators
- Update Syllabus of Instructions and establish simulator event requirements
- Log currency events in simulators
- Grow SIMCERT capability
- DMO
- Unit-assigned simulators (offload schoolhouses and reduce secondary methods)
- Accelerate crew experience
- Decrease CLS costs (increase commonality)
- Increase interoperability (SOF and JNTC)
<table>
<thead>
<tr>
<th>Aircraft Type</th>
<th>FY03</th>
<th>FY05</th>
<th>FY07</th>
<th>FY08 - Beyond</th>
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</thead>
<tbody>
<tr>
<td>MC-130H WST #1</td>
<td>PC IG</td>
<td>Vital 9</td>
<td>Vital 9</td>
<td>Any IG that is capable of using the USSOCOM common database (data layer formats)</td>
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<tr>
<td>MH-53M WST</td>
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<tr>
<td>MC-130E WST</td>
<td>PC IG</td>
<td>Vital 9</td>
<td>Vital 9</td>
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<tr>
<td>MC-130H WST #2 (HRT)</td>
<td>PC IG</td>
<td>Vital 9</td>
<td>Vital 9</td>
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<tr>
<td>AC-130U (Fit Deck)</td>
<td>TOPSCENE 4830 SE/2000+ SE/VIEW</td>
<td>Vital 9</td>
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<tr>
<td>AC-130U (BMC)</td>
<td>Vital 9</td>
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<tr>
<td>CV-22 (8) (KRT, HRT, OCONUS)</td>
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<tr>
<td>MC-130P WST (KRT)</td>
<td>COMPU-SCENE V</td>
<td>Vital 9</td>
<td>Vital 9</td>
<td>Retire FY10</td>
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<td>MH-53J OFT (KRT)</td>
<td>COMPU-SCENE V</td>
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<td>Vital 9</td>
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<tr>
<td>AC-130H CST (HRT)</td>
<td>N/A</td>
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<td>Vital 9 (unfunded)</td>
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</tbody>
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Future Adds/Programs

HC-130P WST - Kirtland
- FY06 Procurement – Ogden, TSA II
- RFP release imminent
- MILCON
- See SRD for insight into our requirement (Level D, DMO, databases, etc.)
- ACC to assume Lead Command~ Oct 06

MC-130 Combat Loss Replacement WST – Hurlburt
- FY08 Procurement – TBD (USSOCOM/PEO-FW)
- Similar to HC-130/MC-130P configuration
- MILCON
Simulator Modifications and Upgrades

- Obsolescence/Technology inserts (sustainment)
- Notional $2M/yr/device
- Continual concurrency mods
- Strategy TBD – USSOCOM/PEO-FW

AC-130U Sensor Operator Part Task Trainer - Hurlburt

- FY08 USSOCOM POM (FY08) request (unfunded)
- Strategy TBD – USSOCOM/PEO-FW

AC-130U EWO Station - Hurlburt

- Deferred content from AC-130U WST (unfunded)
- Strategy TBD – USSOCOM/PEO-FW

C-130 AMP-CAAP (FY08-FY15)

- Modify MC-130H (2), MC-130P, AC-130U, HC-130P WSTs
- Boeing internal competition - pending
Interoperability and Sustainment

Interoperability

- Must comply with USSOCOM Mission Training and Preparation Systems standards and architecture to receive funding
- Working with JNTC
- Evolving effort
- Common Database Format (CDB) seeking industry comments
- Non-proprietary, gov’t owned/controlled specification
- Pre-built correlated data layers using COTS tools, saved in industry/national formats. Later compiled into various run-time formats

Sustainment

- ATARS II CLS contract (SOF, CSAR, UH-1)
On the Horizon, Potentials

- Unit simulators (unfunded)
- CSAR-X (formal school and unit sims) - in source selection
- HH-60G and HC-130 unit sims (unfunded)
- Recapitalization of aging tanker fleets with replacement aircraft (SOF and CSAR) – (unfunded)
- UAV mission training/DMO (2 AFSOC Predator Mission Aircrew Training Systems funded)