Mission Statement

To deliver Special Operations (SO)-peculiar manned and unmanned fixed wing airpower capabilities to effectively enable Special Operations Forces (SOF).

PEO-FW partners with the Warfighter and various development and support organizations to synchronize acquisition activities to field an array of advanced technology sensors, defensive countermeasures, advanced avionics, munitions and gun systems, and mission training systems.

The low-density, high-demand nature of the SOF fixed wing fleet is a key driver in the acquisition approaches used to continue to improve and sustain the force. The high operational tempo of these aircraft requires innovative means to incorporate capability and sustainment improvements while ensuring adequate aircraft availability.
PEO-FW Government Acquisition Support Enterprise
Mr. David M. Breede
Program Director
Precision Strike Package
AC130J/AC130W
Precision Strike Package AC130J/AC130W

**FW Priorities**
- 37 MC-130Js Modified With A Precision Strike Package (PSP) For Conversion Into AC-130J Gunships
- 12 Fielded AC-130Ws With PSP Installed
- The PSP Currently Consists Of:
  - A Single 30mm Gun
  - Stand Off Precision Guided Munitions
  - 2 EO/IR Sensors
  - Synthetic Aperture Radar
  - Mission Operator Consoles
  - Fire Control & Battle Management SW
  - A Robust Comms Package

**FY13/14 Planned Efforts**
- Future Capability Enhancements Include Large Caliber Gun & Additional Munitions
Precision Strike Package
AC130J/AC130W

- Provide Armed Over Watch, CAS, And Precision Strike In Support Of Ground Forces

ACQUISITION STRATEGY
- Modify donor MC-130 aircraft with proven Precision Strike Package

PERIOD OF PERFORMANCE
- Various

MILESTONES
- AC-130J: Post MSB, Engineering & Manufacturing Development
- AC-130W: Production & Sustainment

POINT OF CONTACT
Mr. David Breede
(813) 826-0078

FUNDING
- FY13: $126M
- FY14: $159M

CURRENT CONTRACT/OEM
- SOFSA/Lockheed Martin, SNC, L3 WesCam, Various
Mr. David M. Breede
Program Director

Stand-Off Precision Guided Munitions (SOPGM)
Stand Off Precision Guided Munition (SOPGM)

**FW Priorities**
- Improve Moving Target Capability
- Enhanced Lethal Warheads (Common Launch Tube Compatible)
- All Weather
- Selectable Effects Munitions
- Affordability-Linked To Service Common

**FY13/14 Planned Efforts**
- Griffin Block III
- Completed Hellfire Demo From AC-130W
- Field Laser Small Diameter Bomb
- CRADA: Rapid Integration And Demonstration Of PGMs
Stand Off Precision Guided Munition (SOPGM)

- Buy & Integrate Mix Of Special Operation Forces (SOF) Unique & Service Common Precision Guided Weapons For Irregular Warfare
- Interfaces:
  - Battle Management System (BMS)
  - Common Launch Tube (CLT) Or Service Common Launchers
- Need High 1st Pass Lethality Against Static & Moving Targets

**ACQUISITION STRATEGY**
- Commodity Buy
- Integrate Service Common

**PERIOD OF PERFORMANCE**
- Various

**MILESTONES**
- Hellfire Demo Nov 12
- Griffin Block III Fielding FY14
- Laser Small Diameter Bomb IOC Dec 13

**POINT OF CONTACT**
Mr. David Breede
(813) 826-0078

**FUNDING**
- FY13: $31M
- FY14: $29M

**CURRENT CONTRACT/OEM**
- Raytheon Missile Systems
- Boeing Defense, Space, & Security
Lt Col Josh Bohnart
Program Director
CV-22 SOF Osprey
CV-22 SOF Osprey

**FW Priorities**
- Stand-Up of EUCOM Squadron
- Enhance Crew Situational Awareness
- Expand Tactical Communications
- Field GAU-21 Ramp Mounted Weapons System

**FY13/14 Planned Efforts**
- Helmet Mounted Display
- Comm Enhancements
- Digital Map Upgrades
- Specialized Automated Mission Suite Enhanced Situational Awareness (SAMS ESA)
CV-22 SOF Osprey

- Provides Long-range, High Speed, All Weather, Infiltration, Exfiltration, And Resupply Of Teams In Hostile, Denied, And Political Sensitive Areas In A Single Period Of Darkness

**ACQUISITION STRATEGY**
Operational Systems in Sustainment with Evolutionary Technology Insertions

**PERIOD OF PERFORMANCE**
Various

**MILESTONES**
Post Milestone C, Production & Sustainment Through a Joint Performance Based Logistics Contract With V-22 OEM

**POINT OF CONTACT**
Lt Col Josh Bohnart
(813) 826-5526

**FUNDING**
- FY13: $127M
- FY14: $142M

**CURRENT CONTRACT/OEM**
Multiple – Contracts
Bell-Boeing Prime (OEM)
Multi-Year II Production contract has been awarded
Lt Col Josh Bohnart
Program Director
Training/Mission Planning Systems
Mission Training & Planning Systems

**FW Priorities**
- AC-130J Training System Procurement
- Continue AC-130U Simulator Block Updates
- Continue AC-130W Simulator Block Updates
- Continue X-Plan Mission Planning Developments

**FY13/14 Planned Efforts**
- AC-130J Training System Development
- AC-130U Weapon System Trainer Block Updates
- AC-130W Training System Block Updates
- X-Plan Mission Planning Developments
- 3D Multi-Dimensional Viewer
Mission Training & Planning Systems

- Develop/Procure AC-130J Simulator (SIM) Training System
- Procure/Sustain Simulator Block Updates (SBUD) for Legacy Training Systems
- Develop/Sustain Special Operations Mission Planning and Execution (SOMPE) Products to Support Mission Operations

**ACQUISITION STRATEGY**
- Existing, Competed Contract Vehicles for Minor Acquisitions; CLS
- Limited/Full & Open Competition Contracts for Major Acquisitions

**PERIOD OF PERFORMANCE**
- Various

**MILESTONES**
- Pre-MS C: AC-130J SIM Training System
- Post-MS C: SBUD
- Post-MS C: SOMPE

**POINT OF CONTACT**
Mr. Nick Angelo
(813) 826-9369

**FUNDING**
- FY 13: $34M
- FY 14: $30M

**CURRENT CONTRACT/OEM**
- AC-130J SIM: Lockheed Martin
- SBUD: Lockheed Martin, Sierra Nevada Corp, Opinicus, FSI, Various
- SOMPE: NTS, SAIC, Wyle, Nova, Various
SOF C-130s

**FW Priorities**
- SOF C-130 Low Cost Mods Program
- MC-130J Special Mission Processor (Increment 3)
- TF/TA Radar For MC-130J
- LAIRCM Next Gen For MC-130J
- RF Countermeasures (RFCM) for AC/MC-130J

**FY13/14 Planned Efforts**
- Defensive Systems (RFCM)
- Enhanced Situational Awareness
- CNS/ATM For Legacy Aircraft
- Digital Solo For EC-130J
**SOF C-130s**

- Provide Low-level Infil/Exfil And Resupply Of SOF Teams In Hostile Or Denied Areas
- Provide In-flight Refueling Of SOF Helos And CV-22s
- Provide Armed Over Watch, CAS, And Precision Strike In Support Of Ground Forces
- Provide Airborne MISO Support

**ACQUISITION STRATEGY**
- Operational Systems in Sustainment with Evolutionary Technology Insertions
- New aircraft to recap legacy platforms

**PERIOD OF PERFORMANCE**
- Various

**MILESTONES**
- Post MSC, Production & Sustainment
- MSB, Development for MC-130J Increment 3, MCTF

**CURRENT CONTRACT/OEM**
- Lockheed Martin (C-130J), Scientific Research Corporation & Northrop Grumman (TF Radar), Sargent Fletcher Inc (Variable Speed Drogue), Various others

**FUNDING**
- FY13: $108M
- FY14: $142M

**POINT OF CONTACT**
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UNCLASSIFIED
Unmanned Aircraft Systems

FW Priorities
- Improve Endurance/Extended Range (ER)
- Multi-Int Sensor/Small Lighter Sensors
- Enhanced Resolution Sensors (High Def)
- Multi-Mission Platforms
- Podded Solutions
- Modular Architecture

FY13/14 Planned Efforts
- Extended Range
- Upgrade EO/IR Sensors to HD
- Video Encryption
- Moving Target Tracker
- Munitions
- Lead Off Hitter (MQ-9)
Unmanned Aircraft Systems

- Provide Rapidly Deployable Multi-Intelligence ISR Capability In Denied Environments
- Provide Persistent Intelligence, Surveillance, Reconnaissance And Targeting (ISR-T)

**ACQUISITION STRATEGY**
- Operational Systems in Sustainment with Evolutionary Technology Insertions
- Contractor Owned & Operated Services

**PERIOD OF PERFORMANCE**
Various

**MILESTONES**
- Post MS C, Production & Sustainment

**POINT OF CONTACT**
Maj Ken Kuebler (813) 826-3136

**FUNDING**
FY13: $237M
FY14: $162M

**CURRENT CONTRACT/OEM**
AeroVironment (Puma AE)
Boeing/Insitu (Scan Eagle)
General Atomics (MQ-1/9)
Lt Col Lou Ruscetta
Program Director
Manned ISR and Non-Standard Aviation Systems
Manned ISR and Non-Standard Aviation Systems

- Short Takeoff and Landing (STOL), light and medium category, Intra-Theater cargo and troop airlift in support of TSOC World-Wide mobility requirements
- Light category commercial aircraft modified to support SOF ISR requirements

FW Priorities:

- 17 Fielded C-146As With NSAv Mods
- 16 Fielded C-145As With NSAv/AvFID Mods
- The NSAv Mods Consist Of:
  - ARC-231, PRC-117 And Iridium Comms Package
  - Troop/Cargo Capable Interiors
  - NVG Compatibility
  - CASEVAC Capability
  - STOL And Austere LZ Modifications
- Converting PC-12s To U-28s
- U-28 HD
- U-28 Low Cost Mods
- JAVAMAN Purchase

FY13/14 Planned Efforts
Future Capability Enhancements Include:

- Improved NVG Compatibility, Communications
- AvFID Airdrop/Paratroop System
- Potential Future Growth – Multi-mission
- Continue U-28 HD/FMV And Low Cost Mods
- AvFID CLS To Blue-suit Mx Transition
- Continue PC-12 To U-28 Conversions
Manned ISR and Non-Standard Aviation Systems

- Provides Increased SOF Flexibility And Capability In Austere And Remote Locations Not Serviced By Reliable And Safe Commercial Aviation Service
- Provide STOL, Day/Night Mobility

**ACQUISITION STRATEGY**
- Modify commercially procured aircraft for SOF mobility and ISR requirements

**PERIOD OF PERFORMANCE**
- Various

**MILESTONES**
- Production, Deployment, Operations & Sustainment

**FUNDING**
- FY13: $736M
- FY14: $630M

**CURRENT CONTRACT/OEM**
- Sierra Nevada Corp
- L3
- Sikorsky/PZL
- Pilatus

**POINT OF CONTACT**
Lt Col Lou Ruscetta
(813) 826-4468
Mr. Tim McKelvey
Program Director
Emerging Technology
Emerging Technology

- Areas of interest: Modular Platforms and Payloads
  - Mobility
    - Countermeasures, A2AD, Signature Management, Operator Workload, Modular Design
  - ISR
    - Endurance/Range, Multi-Int Sensors and Data Fusion, Enhanced Resolution, Flexible Mission Suites
  - Strike
    - Moving Targets, Enhanced Lethality, All Wx/Terrain, Selectable Effects, Affordability
Emerging Technology

- Identify and Exploit Emerging Technology Applicable to Fixed Wing Aircraft
  - CRADAs
  - TILO
  - Studies
  - Demos

ACQUISITION STRATEGY
- Robust set of vehicles for responsive FW integration

PERIOD OF PERFORMANCE
- Various

MILESTONES
- Various

POINT OF CONTACT
Mr. Tim McKelvey
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FUNDING
- FY13: $861K
- FY14: $876K

CURRENT CONTRACT/OEM
- Multiple