

# Special Operations Forces



## Industry Conference

**Col Michael  
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**Program Executive Officer  
Fixed Wing Aircraft**

**FIXED WING**



# FIXED WING



## 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

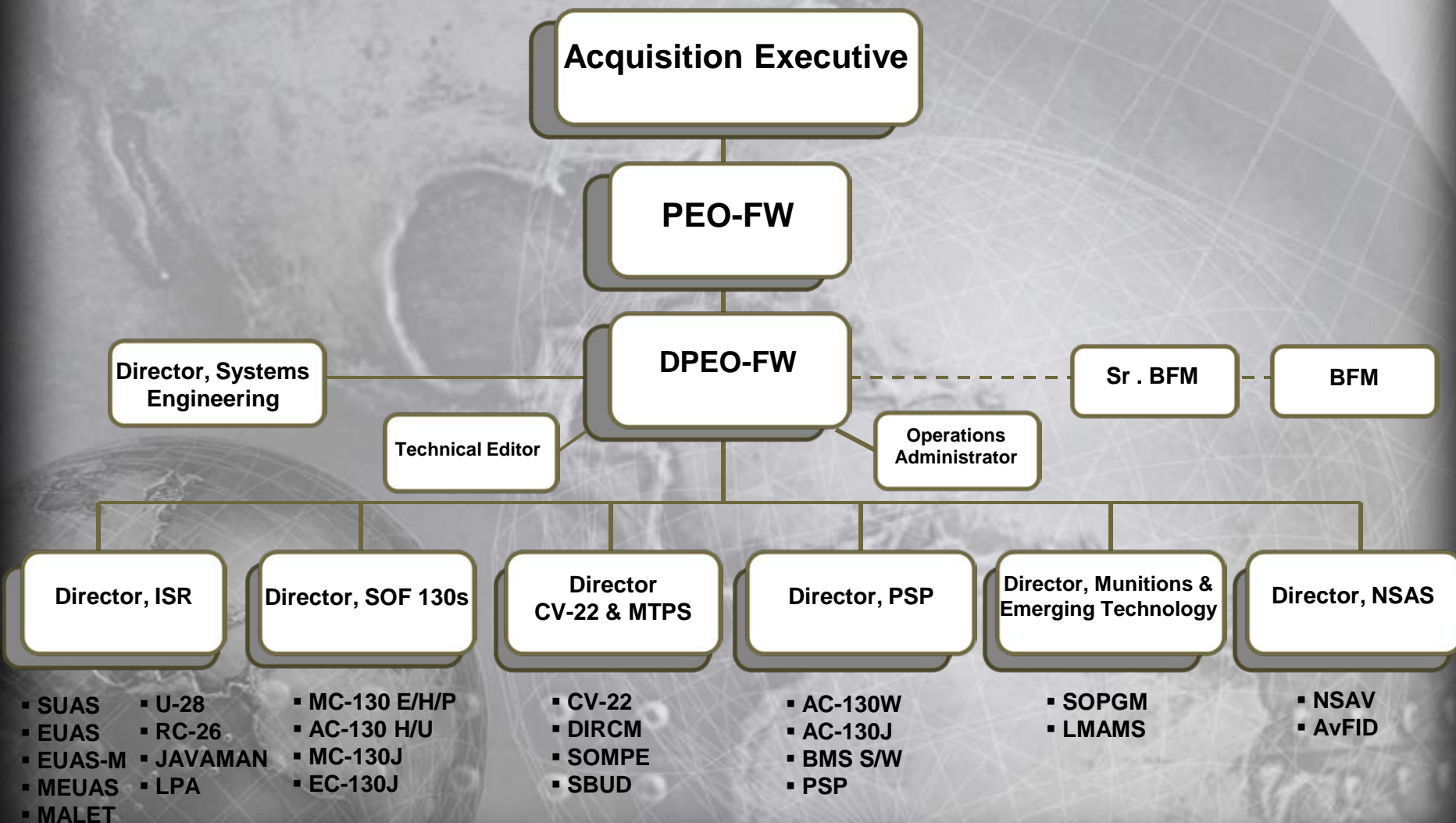




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## PEO-FW Organization





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## PEO-FW Government Acquisition Support enterprise







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## ISR - FIND

MQ-1



MQ-9



Puma



MEUAS II



JAVAMAN



Liberty



RC-26



U-28



## MOBILITY- INFILTRATE

CV-22



EC-130J



Dornier  
328



M-28



PC-12



MC-130J  
MC-130E/P/H



## STRIKE-FINISH

AC-130U  
AC-130J



AC-130H



AC-130W



SOPGM



**MUNITIONS AND EMERGING  
TECHNOLOGY  
TRAINING & MISSION PLANNING**



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## Unmanned Intelligence, Surveillance, & Reconnaissance 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

Director, UAS  
(813) 826-8985

### Funding

FY12: \$205M  
FY13: \$186M

### Current Contract/OEM

AeroVironment (Puma AE)  
AAI (Aerosonde Mk 4.7)  
Boeing/Insitu (Scan Eagle)  
General Atomics (MQ-1/9)





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## Manned Intelligence, Surveillance, & Reconnaissance Systems

- ◆ Provide real time Multi-Intelligence ISR Capability In Denied Environments



### Acquisition Strategy

- Operational Systems in Sustainment with Technology Insertions
- Contractor Owned & Operated Services
- Gov Owned & Contractor Operated Services

### Period of Performance

Various

### Milestones

- Post MS C, Production & Sustainment

### Point of Contact

Director, UAS  
(813) 826-8985

### Funding

FY12: \$430M  
FY13: \$511M

### Current Contract/OEM

Sierra Nevada Corp (U-28)  
L-3 (JAVAMAN)



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## CV-22 SOF Osprey

- ◆ Provides Long-Range, High Speed, All Weather, Infiltration, Exfiltration, and Resupply of SOF 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 JPBL Phase I & 1.5
- Supply Chain Mgt (May 2012)

### Point of Contact

Director, CV-22 & MTPS  
(813) 826-5526

### Funding

FY12: \$128M  
FY13: \$141M

### Current Contract/OEM

Multiple - Bell-Boeing Prime (OEM)





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## Non-Standard Aviation Systems (NSAV)

- ◆ Provides Short Takeoff and Landing (STOL), Light and Medium Category, Intra-Theater Cargo Aircraft to Support TSOC World-Wide Mobility Requirements
- ◆ Provides Increased SOF Flexibility and Capability in Austere and Remote Locations Not Serviced by Reliable and Safe Commercial Aviation Service



### Acquisition Strategy

Operational aircraft in sustainment. Program has the ability to rapidly modify aircraft when needed

### Period of Performance

Various

### Milestones

N/A

### Point of Contact

Director, NSAV  
(813) 826-9455

### Funding

FY12 \$219M  
FY13 \$265M

### Current Contract/OEM

Various



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## 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

### Point of Contact

Director, SOF C-130s  
(813) 826-5526

### Funding

FY12: \$103M  
FY13: \$119M

### Current Contract/OEM

Lockheed Martin (MC-130J Inc 1-3); SRC (MCTF); Sargent Fletcher (VSD); Various (Legacy)





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## Precision Strike Package AC-130J/AC-130W

- ◆ Provide armed over watch, CAS, and precision strike in support of ground forces
- ◆ Provide limited day/night mobility



SOPGMs

### 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

Director, PSP  
(813) 826-0078

### Funding

FY12: \$68M  
FY13: \$125M

### Current Contract/OEM

SOFA, Lockheed Martin, SNC, L3  
WesCam, Various



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## Munitions and Emerging Technology

- ◆ Identify and Exploit Emerging Technology Applicable to Fixed Wing Aircraft
- ◆ Field Improved SOPGM Warhead and Seeker
- ◆ Explore Alternate Common Launch Tube Compatible Munitions



**Improve first pass lethality against moving targets**

### Acquisition Strategy

Operational Systems in Sustainment with Evolutionary Technology Insertions

### Period of Performance

Various

### Milestones

- Munitions: Production & Sustainment (Commodity Procurement)
- Emerging Technology: Various

### Point of Contact

Director, Munitions & Emerging Technology  
(813) 826-3136

### Funding

- Munitions:
- FY12 \$20.699M (Base)
  - FY12 \$20.0M (OCO)
  - FY13 \$25.101M

### Current Contract/OEM

Multiple





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## Mission Systems

- ◆ Develop and Procure MC/AC-130J Simulator (SIM) Aircrew Training Devices
- ◆ Sustain Legacy Training Systems Through Simulator Block Update (SBUD) Procurement
- ◆ Develop and 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

- Post-MS C, Production & Sustainment of SBUD and SOMPE Legacy Capabilities
- Pre-MS C, AC-130J Training Device Procurement

### Point of Contact

Director, CV-22 & MTPS  
(813) 826-5526

### Funding

- FY 12: \$22.082M
- FY 13: \$54.151M

### Current Contract/OEM

- SBUD: Lockheed Martin, Sierra Nevada Corporation, Opinicus, Flight Safety International, Various
- SOMPE: Nova, Various