PEO-FW
Munitions
Deep Dive

Presented By:
Major Trey Olman, AFSOC
Mr. Erich Borgstede, PEO-FW
Warfighter Future Requirements

• SOF Unique Targets vs Big Air Force
• SOF Future Requirements
• Where We Need Help

“I want it all and I want it now”

Queen
Griffin Missile

- 2008 Fielded
- 2013 Improved Block 3 with MEWS Warhead
- 2016 Reduced Fuzing Delay
- Future Efforts to Reduce Collateral Damage Effects and Improve Guidance

Current Inventory

Over 700 Expended in 2015
Current Inventory

Hellfire Missile

- 2013 Fielded on MQ-9
- 2013 Fielded R2
- 2014 Fielded R9E
- 2016 Fielded R9H
- 2016 Integration Started on AC-130 W

Over 1000 expended in 2015
Current Inventory

SDB I/ LSDB
Small Diameter Bomb
Laser Small Diameter Bomb

- 2013 Fielded SDB
- 2014 Fielded LSDB
- 2016 Software Upgrade LSDB

Over 60 expended in 2015
Over 120 expended in 2015
Current Inventory

Enhanced Paveway II

- 2014 Fielded
- 2015 Added Low Collateral Warhead
- 2016 Added Service Common Guidance Kit

Future Efforts to Add Low Collateral Casing and Incorporate Prelaunch Selectable Effects
Small Glide Munition

- 2013 CRADA signed
- 2014 CRADA completed
- 2016 Successful mover shots
- 2017 Fielding
SDB II

- 2015 Initial Integration Discussion
- 2016 Integration Team Lead Mtg
- 2017 Integration Begins MQ-9/AC-130W
Future Integration Projects

SMART 105

• 2015 AFRL CRADA
• 2015 Successful Ground Shots
• 2016 De-spin Tests in Progress
Future Munitions Technology Interests

- Guided 30MM
- Low Collateral Selectable Effects
- 500lb Bomb
- Joint Air to Ground Missile
## Stand Off Precision Guided Munitions

### Capability Description
Procure and Develop Precision Guided Munitions (PGM); Integrate with SOF Battle Management System or other Platform Software

### On-Going Efforts
Use Common Launch Tube (CLT) or Other Service Common Launchers

### Future
Lethal Against Static/Moving Targets Using GPS, SAL or Other Guidance Systems

### Acquisition Strategy
- Leverage service common PGMs for SOF use
- Fund limited development of PGMs for SOF unique operational requirements

### Period of Performance
- Various

### Milestones
- Fielded Hellfire R9H
- Fielded GBU-49 with BLU-133/126/129
- Incorporated GBU-12/51

### Point of Contact
- 813.826.9482 (TILO)

### Funding
- FY16: $98M
- FY17: $95M

### Current Contract/OEM
- Lockheed Martin (Hellfire Missile)
- Raytheon Corp (Griffin Missile /GBU-49)
- Boeing Corp (SDB/LSDB)
- Dynetics Corp (Small Glide Munition)