



PEO-FW Munitions Deep Dive

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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

Current Inventory

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



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

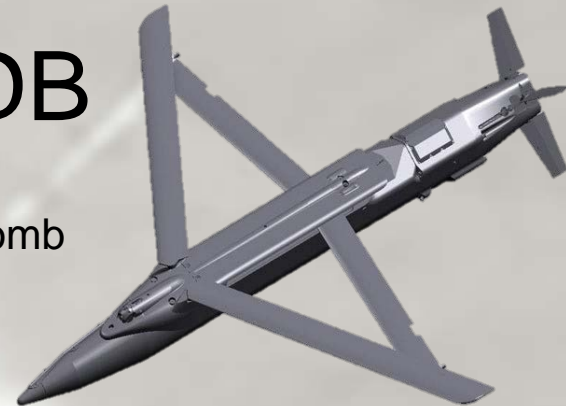


Over 1000 expended in 2015

Current Inventory

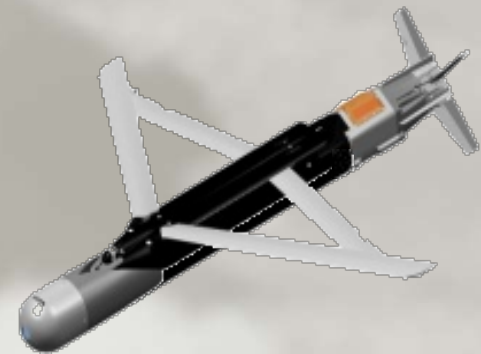
SDB I / LSDB

Small Diameter Bomb
Laser Small Diameter Bomb



Over 120 expended in 2015

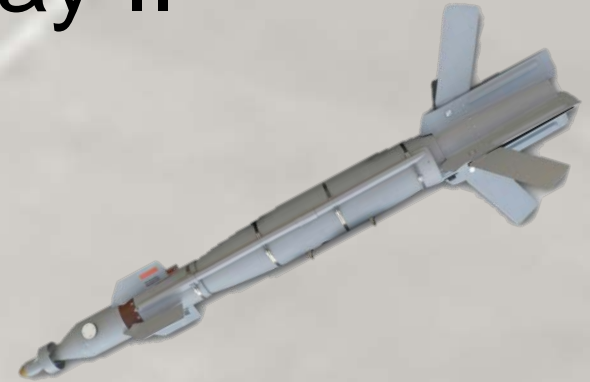
- 2013 Fielded SDB
- 2014 Fielded LSDB
- 2016 Software Upgrade LSDB



Over 60 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

Current Integration Projects

Small Glide Muniton



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

Current Integration Projects

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

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- 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)