ROTARY WING LIFT TRANSFORMATION

Increase Situational Awareness
Signature Management
Lighter And Faster
Increase Payloads
Increase Lethality
Increase Survivability
Reduce Crewmember Workload
Seamless And Quick Aircraft Integration
# LIGHT WEIGHT INFRARED COUNTERMEASURES (LWIRCM)

- Field an IR-Guided Missile Detection, Alert, and Countermeasure on the MELB
- Identify Light Weight Off the Shelf Solution

## Acquisition Strategy
- Identify high TRL solutions via Competitive Tech Assessment
- Integrate and test on MH-6

## Period of Performance
- RDTE: FY14-FY16
- PROC: FY16-FY19

## Milestones
- FY14 Technology Assessment
- FY15 Aircraft Integration
- FY16 Flight Test

## Funding
- ~$8M RDT&E FY14-FY16
- ~$15M PROC FY16-FY19

## Current Contract/OEM
- Technology Assessment 2014 Contract Award 2015

## Point of Contact
- 813.826.9482 (TILO)
TECHNOLOGY INTEREST

• Light Weight Curved Transparent Armor
• Noise/Optical/IR/RF Signature Management
• Hostile Fire Indicating System (HFIS)

CURRENT S&T PROJECTS

• Low Visibility Flare
• Hostile Fire Indicating Sensor
• LIDAR Rapid Innovation Funding (RIF)
Planning for the next five years:
• MH-47G, MH-60M, A/MH-6 Block Upgrades
• Silent Knight Radar (SKR)
• Degraded Visual Environment (DVE)
• Hostile Fire Indicating System (HFIS)
• Secure Real-Time Video (SRTV)
• Light Weight IR Countermeasures for MELB (LWIRCM)
• Joint Interoperability Network
• Future Vertical Lift Integration

Planning for the next ten to fifteen years:
• Active RPG defeat
• Non-Lethal weapons (Dazzler, Acoustic Hailing)
• Curved Transparent Armor
• Signature Reduction (Optical/Noise/RF/IR)
ROTARY WING ACQUISITION WAY AHEAD

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WAYS RW PURSUES S&T PROJECTS

• Small Business Innovation Research (SBIR) Program
  - OSD FED Biz Ops Announcement - November

• Broad Agency Announcements (BAA)
  - Includes submission of white papers, technical proposals, statements of work, and cost proposals.

• Foreign Comparative Testing
  - FED Biz Ops Announcement - May

• Rapid Innovation Fund (RIF) Program
  - FED Biz Ops Announcement - April