

# SPECIAL MISSIONS



**RAPID RESPONSE  
PROVEN SOLUTIONS**

## Rotary Wing Crew Served Weapon Integration – Abstract 8423

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**Nigel Wasil**

**Naval Surface Warfare Center Crane**

**Com (812) 854-5940**

**DSN 482-5940**

**Nigel.wasil@navy.mil**



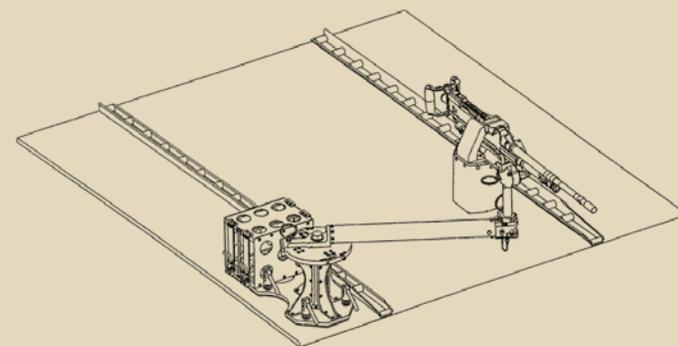
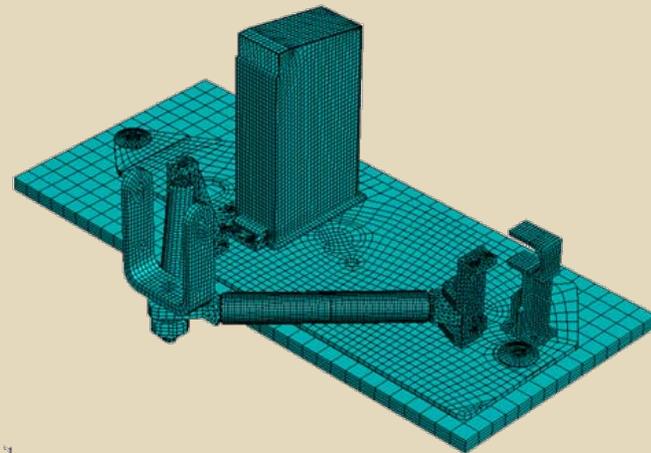
- **Who are we?**

- NAVSEA employees located at Naval Surface Warfare Center, Crane Indiana.
- We are a team of engineers, logisticians, and technicians with vast crew served weapons integration experience.
- We have the capability to support the full life cycle of the systems we deploy.
- We support multiple platform offices and team with industry partners.
- We take great pride in providing high quality support to our customers in a timely manner.





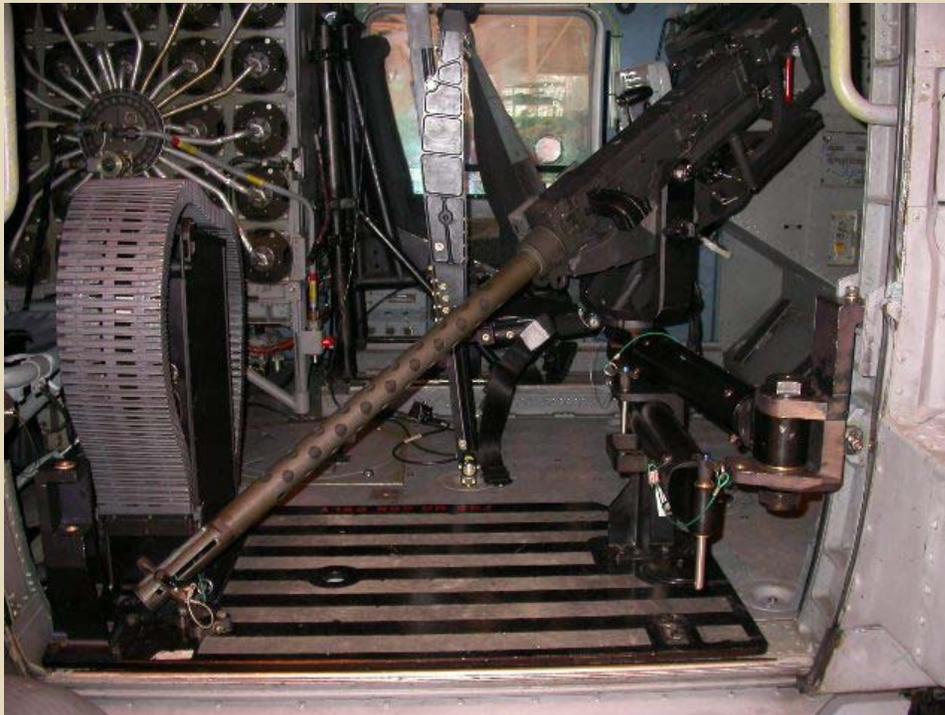
- **What do we do?**
  - Design and integrate weapon systems for various aircraft.
  - Fabricate prototype parts for fit checks and testing.
  - Support flight certification process through the NAVAIR Performance Monitors.
  - Provide Finite Element Analysis (FEA) modeling for fatigue and crash loads.
  - Procure production hardware through GOV contracts.
  - Receive, inspect, kit, and deploy high quality systems.
  - Provide interim supply support.



## Recent Weapon Integration



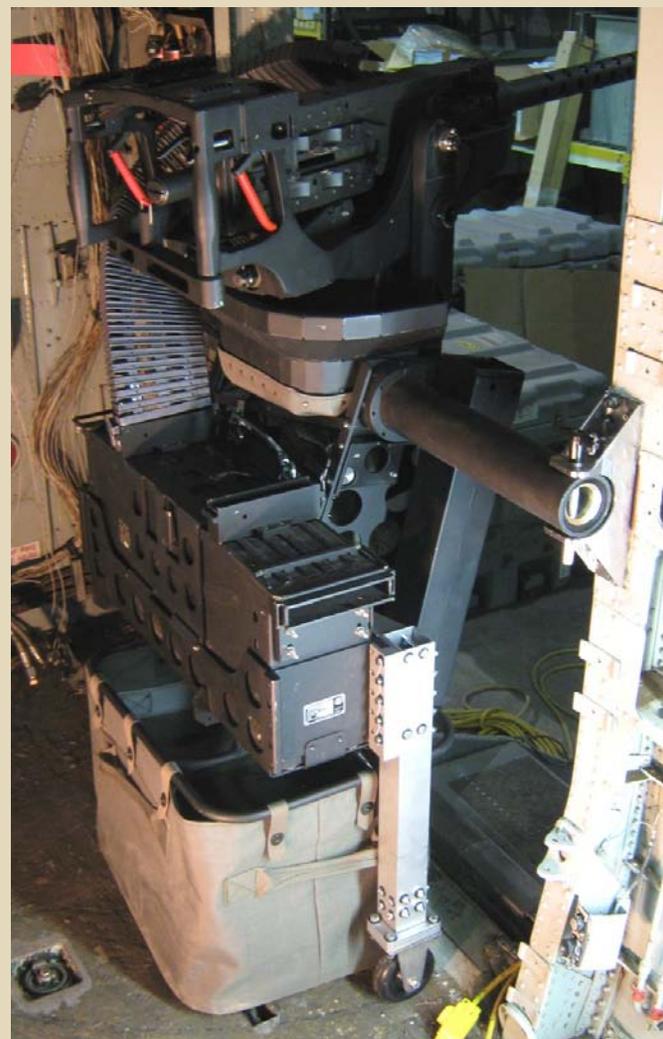
- **USN MH-60R Integration**
  - M240D door system
  - GAU-21 door system



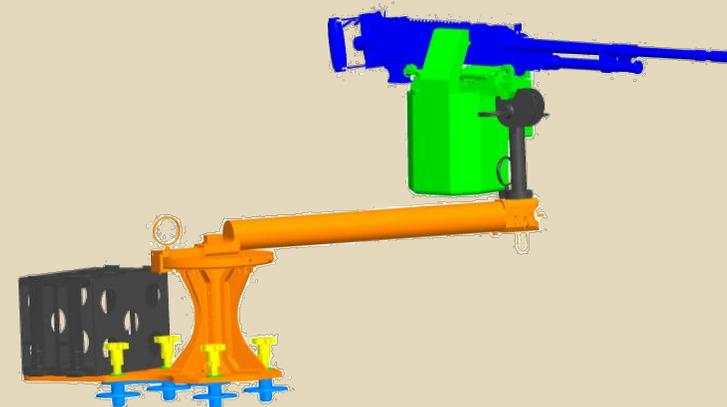
- **USN MH-60S Armed Helo Integration**
  - M240D window system
  - GAU-21 door system
  - (2000) round 7.62mm ammunition rack
  - Other non-weapon integration support



- **USMC CH-53E Integration**
  - **CH-53E GAU-21 system**
    - **Modifications only**



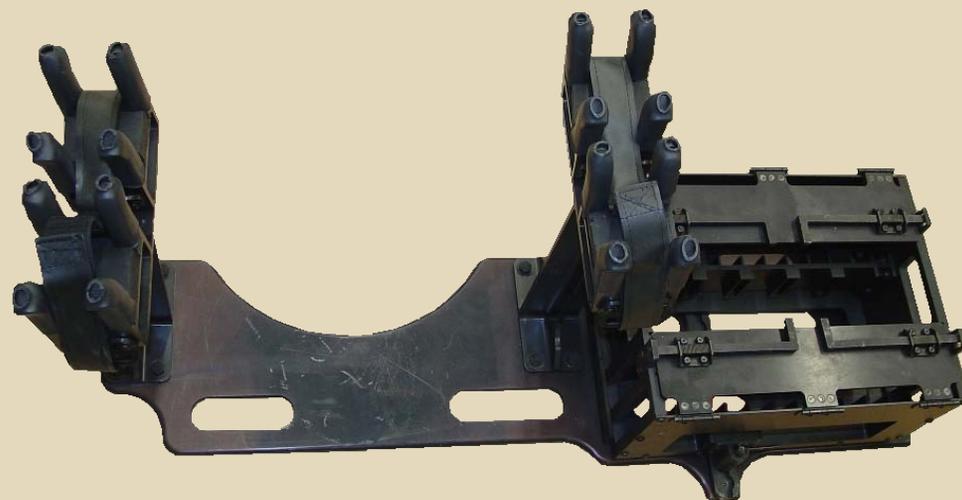
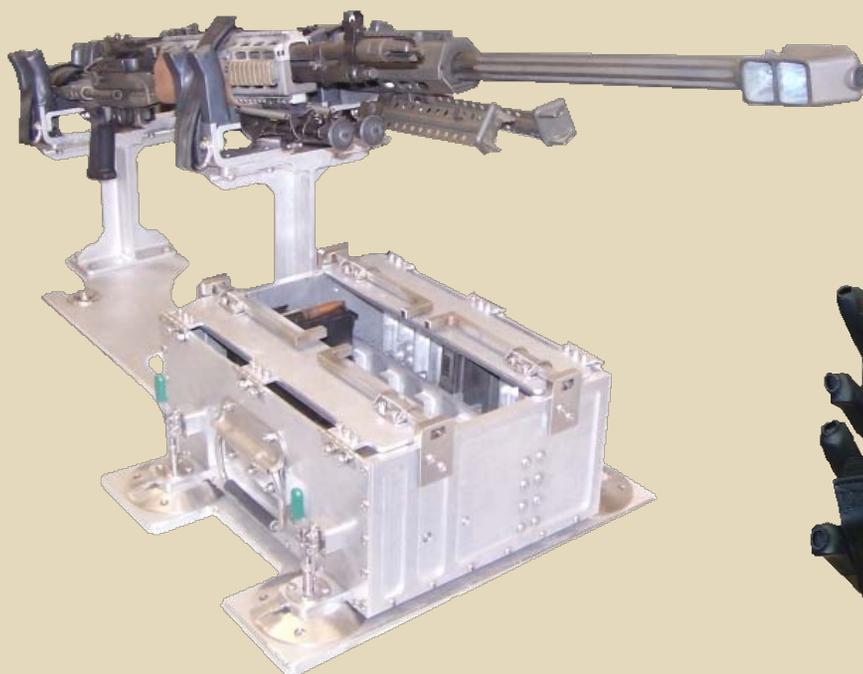
- **USMC CH-46 Integration**
  - M240D ramp system
  - .50 cal window system



- **USMC/AFSOC MV/CV-22 Integration**
  - M240D ramp system
  - .50 cal ramp system upgrades



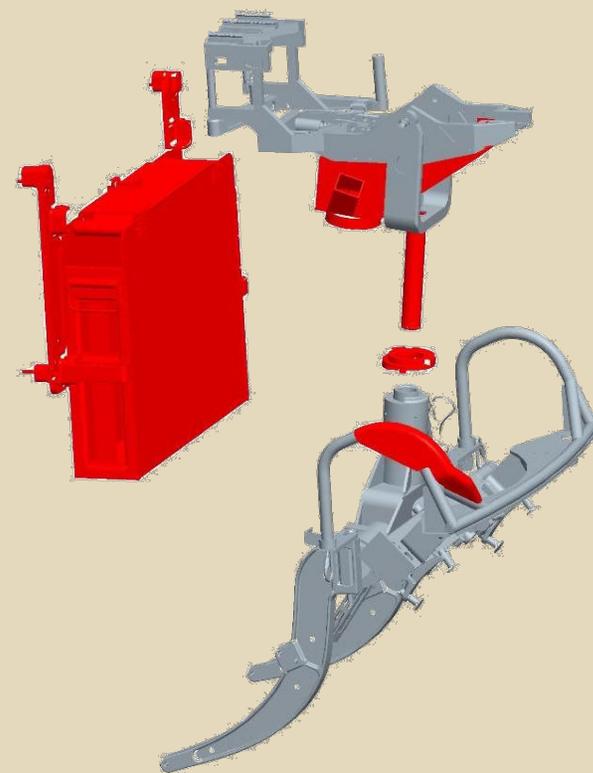
- **USCGC H-65 Integration**
  - H-65 M240D door mount
  - MK14 – M107 weapon rack
  - Ammunition clip rack





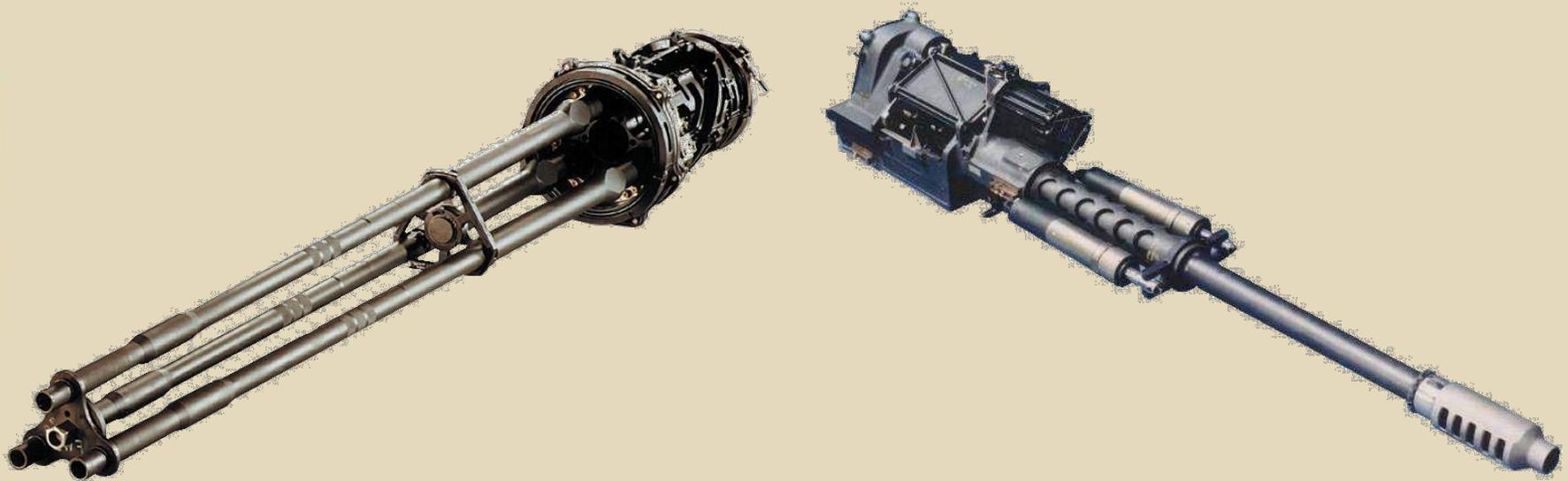
Approved for Public Release; Distribution is unlimited.

- **USMC UH-1Y Integration**
  - DAS GAU-21 upgrade
  - Developmental Test underway





- **USN MH-60S Armed Helo**
  - Supporting role to PMA-299
  - Medium caliber fixed forward fire (FFF)
  - Weapon selection process underway
  - Spiral effort to stabilized remote system



**Thank you for your time and attention!**



For more information on NSWC Crane, please visit [www.crane.navy.mil](http://www.crane.navy.mil)

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