



Ground Based Air Defense (GBAD) Program Overview

Col Andrew Konicki
Program Manager, GBAD

May 2024

DISTRIBUTION STATEMENT A. Approved for public release. Distribution is unlimited.

IT'S ALL ABOUT THE WARFIGHTER



PM GBAD PORTFOLIO OVERVIEW



▶ GBAD Mission

- To field and sustain fully integrated ground to air defense solutions that detect, track, defend and defeat the enemies' air threat that seek to harm or kill Marines and other high value assets.

▶ Vision

- To deliver the most capable equipment, at the right time, that provides Marines an advantage over the enemy in combat effectiveness and lethality.

▶ Focus Areas

▶ Produce systems that:

- Counter-Unmanned Air Systems (C-UAS) (Groups 1-3)
- Counter Fixed-Wing and Rotary-Wing Aircraft (Groups 4 – 5)
- Counter Cruise Missiles

▶ PEO LS Capability Portfolio Capability Manager for Ground Based Air Defense

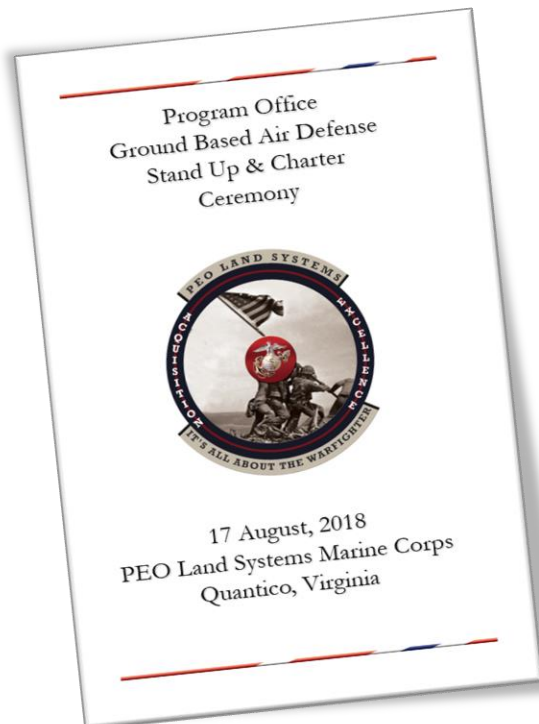
- Counter UXS across domains
- Engagement with W-SIG, Replicator and Joint Capabilities Office (JCO)



PM GBAD: Looking Back



- ▶ Program Office Established in 2018
- ▶ Fielded mobile Counter-small Unmanned Air Systems (C-sUAS) to Marine Expeditionary Units (MEUs) as an Urgent Capability Acquisition (UCA)
 - ▶ Fielded fixed-site C-sUAS to select Marine Corps Installations as an UCA
 - ▶ Provided full-time Liaison Officer to the Joint Capabilities Office (JCO) for Counter Unmanned Air Systems (CUAS)





PM GBAD: In 2024



- ▶ Operational Test for four systems this calendar year
 - ▶ Light-Marine Air Defense Integrated System (L-MADIS) to replace the UCA
 - ▶ Marine Air Defense Integrated System (MADIS)
 - ▶ Installation C-sUAS (I-CsUAS) to replace the UCA
 - ▶ Medium Range Intercept Capability (MRIC) counter cruise missile system
- ▶ Coordinate with Marine Corps Warfighting Laboratory (MCWL) and JCO to identify technology insertion opportunities



MRIC



MADIS



L-MADIS



GBAD: Moving Forward

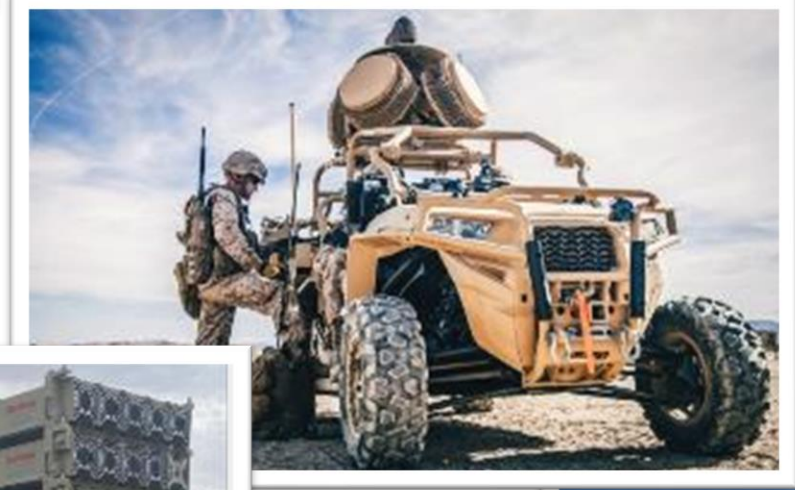


- ▶ Dismounted capabilities for the Fleet Marine Force
- ▶ Improved active and passive detection capabilities
- ▶ Cost effective and operationally relevant kinetic defeat capabilities





Questions?



Email:
PEOLSPA0@usmc.mil