



PORTFOLIO CHART





MQ-9A Block 5 air vehicles, Block 30 Ground Control Stations Mission systems: SkyTower I Pods



Block 30 Ground Control Station





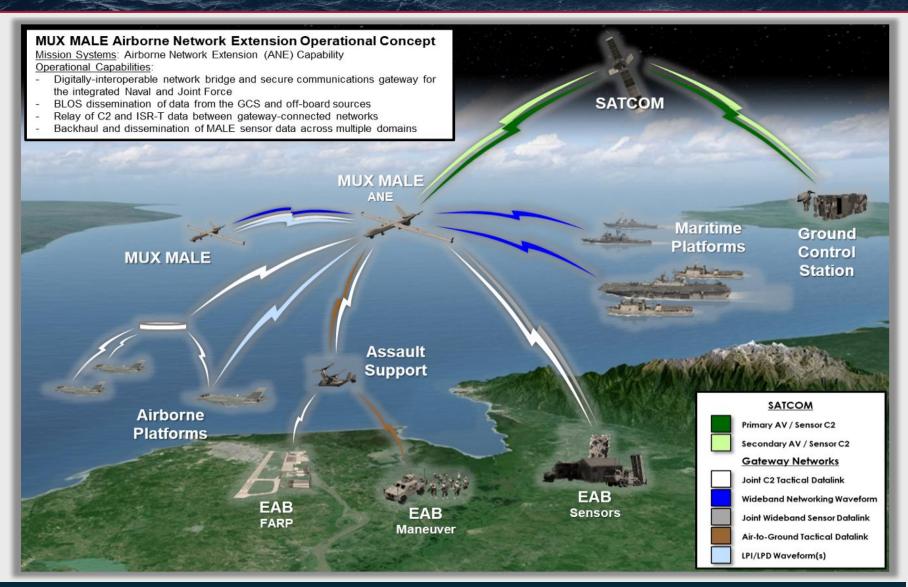
Secure MCE





- . Capability/Pods can be fielded independently
- . Capabilities/Pods will be integrated onto air vehicle as Class 1 ECPs
- . Plan leverages existing technology and partnerships
- . Capabilities Include:
- . Sky Tower II (STII), Electronic Warfare (EW) Pod, Detect and Avoid System (DAAS), and Maritime Domain Awareness (MDA),PLEO, Smart Sensor

MUX/MALE - AIRBORNE NETWORK EXTENSION





- Network connectivity upgrade to support emerging Marine Corps, Naval, and Joint Force operational objectives across ground, air, and maritime domains.
- Securely disseminates mission critical data across gatewayconnected network and provides numerous resilient paths for these data exchanges.
- Provides mission-critical data exchanges within denied/contested environments.

MUX/MALE - Detect and Avoid System (DAAS)





- DAAS on MUX MALE enables separation and collision avoidance from other aircraft in International, US and Foreign national airspace
- Detects, identifies, and tracks airborne traffic
- Provides airspace awareness and recommended actions and alerts for the pilot to remain well clear, with collision avoidance displayed on Heads Up Display (HUD)

MUX/MALE – Smart Sensor





- Autonomous System Platform (ASP) controls sensors and payloads to maximize efficiency and real-time processing of data on the tactical edge.
- Provides sensor autonomy to reduce aircrew workload and enhance target tracking identification/correlation/reporting.
- Organic AI/ML Pipeline

MUX/MALE – Accomplishments





- 21 Nov 2024: Marine Unmanned Aerial Vehicle Training Squadron (VMUT) 2, conducts first MQ-9A flight aboard Marine Corps Air Station (MCAS) Cherry Point.
- Service Organic Group 5 UAS training

MUX/MALE – Accomplishments





- Partnering with SupplyCore, the delivered the TowFLEXX TF-3 Milspec, a remote-controlled aircraft tug, that allows a single operator to maneuver military aircraft with unprecedented precision, maintaining the aircraft's nose wheel alignment while enabling 360-degree turns in confined spaces.
- Rapidly respond to urgent fleet requirements

What's Next

Capability

- ➤ Spiral development
- > MOSA / SOSA
- Next generation
- ➤ Technology Insertion
- ➤ Autonomy Insertion

Business

- ➤ Agile workflows
- ➤ AI based workflows
- Agile contracting
- ➤ Keeping pace with innovative tool sets
- ➤ Work with non-traditional vendors

