

Can we have both innovate capabilities and sustainment cost savings?



- Thesis: Innovative autonomous systems can help reduce manpower, perform logistics missions, and reduce logistics support requirements.
 - Address budget challenge
 - -Fulfill need for agile Joint Force operations

Focus areas



- Autonomous warfighting
- Autonomous supply operations and flightline
- Infrastructure/consumable reduction with less manpower
- Medical cost avoidance and long term liability

LM Autonomy Manpower Study



- Significant Cost Implications
 - 6,392 Killed / 47,337 WIA
 - \$200B+/year DoD Manpower
 - \$1 Trillion Dollars Medical Liability
 - over the next 40 years

Way Ahead



- Develop accurate "As-Is" vs. "Future" force data
- Demonstrate the ROI of autonomy in relation to the full life cycle cost of manpower and operations
- Comparative Model Build Demonstrating
 - Cost
 - Decreased manpower
 - Increased lethality/capability
 - Casualty avoidance and reduction