The PAC-3 family of missiles are combat-proven Hit-to-Kill interceptors that defend against incoming threats - including tactical ballistic missiles, cruise missiles and aircraft - using direct body-to-body contact that delivers exponentially more kinetic energy on the target than can be achieved with blast fragmentation mechanisms. Fourteen nations have chosen PAC-3 for missile defense.

PAC-3®

PAC-3 Missile Segment Enhancement (MSE)  

PAC-3 Cost Reduction Initiative (CRI)

PAC-3 MSE Capabilities

Building on the combat-proven PAC-3 CRI, the PAC-3 MSE expands the lethal battlespace with a two-pulse solid rocket motor, providing increased performance in altitude and range.

Maneuverability  
Larger control fins and upgraded actuators increase mobility

Precision  
Engages threats through Hit-to-Kill technology

Protection  
Defends ground forces and critical assets against threats

Range  
A large dual-pulse solid rocket motor extends reach and adds thrust

Reliability

80+ successful flight tests

Demonstrated Integration  
F-35 | IBCS | THAAD

Production

1750+ PAC-3 MSEs under contract FY20-23

Increasing to annual production of 500 PAC-3 MSEs by 2024

Economic Impact

7,200+ direct & indirect jobs

400 suppliers

37 states

5 countries

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