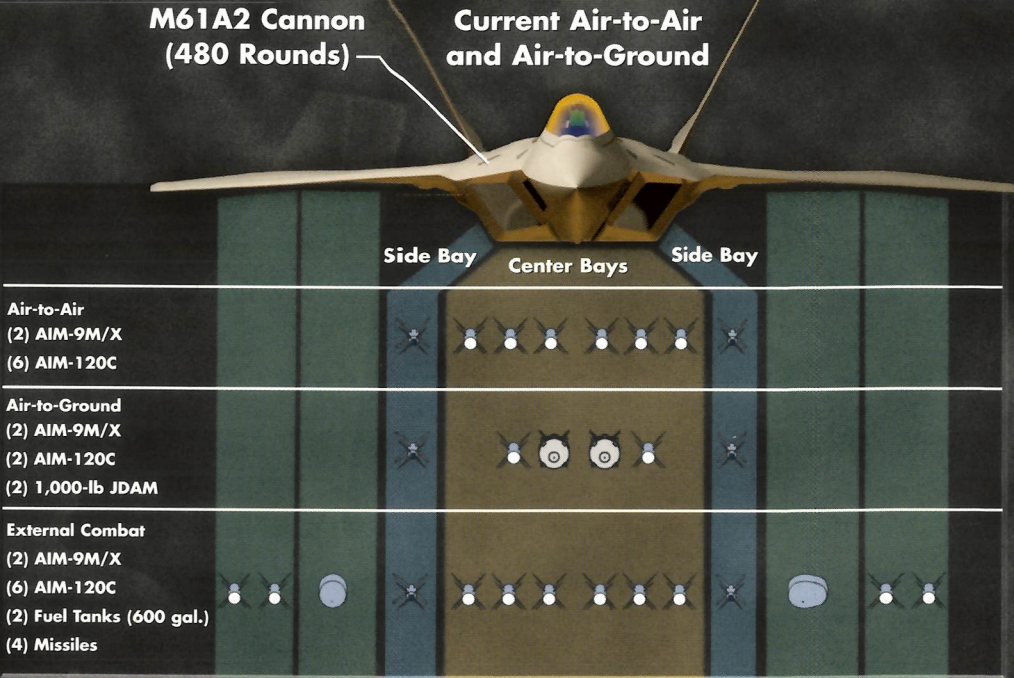


F-22
RAPTOR





- **Low Observable/Highly Maneuverable**
- **Mach Number: Mach 2 Class**
- **Supercruise (Mil Power): >1.5 Mach**
- **Altitude: 50,000 Feet**
- **Engines**
 - **Two F119-PW-100, 35,000-lb Class**
 - **Thrust Vectorable**



Wing Area	840 sq ft
Engine Thrust Class	35,000 lb
Length	62.08 ft (18.90 m)
Wing Span	44.5 ft (13.56 m)
Horizontal Tail Span	29 ft (8.84 m)
Height	16.67 ft (5.08 m)
Track Width	10.6 ft (3.23 m)



F-22 Raptor

Air Dominance Delivered

LOCKHEED MARTIN
We never forget who we're working for®



PHOTO BY USAF SMSGT. THOMAS MENEGUIN

Redefining Air Dominance

Ten miles up, 100 miles around. The F-22 5th generation fighter redefines the meaning of air dominance.

This is achieved by integrating five distinctive features.

- Very low observable stealth
- Supercruise speeds
- Extreme fighter agility
- Information fusion
- Enhanced maintainability

Demonstrated Operational Maturity

The Collier Award-winning F-22 Raptor has consistently delivered on its promises in all of its operational exercises. The fighter has demonstrated precision attack capabilities, defeating threats in the air and on the ground through its lethality and survivability.

Mission-Ready Sustainment

Lockheed Martin and our F-22 support team are committed to total support for the F-22 by providing higher readiness rates, faster response and lower life-cycle cost to the customer. This is achieved by Follow-on Agile Sustainment for the Raptor – a performance-based logistics contract and comprehensive weapons management program that provides the U.S. Air Force with a highly integrated F-22 support system.

PHOTO BY USAF TSGT. KEITH BROWN



Modernizing To Deter and Defeat Emerging Threats

The F-22 Raptor is the world's most dominant fighter, but potential adversaries continue to enhance their capabilities in an effort to challenge the ability of U.S. and allied air forces to gain and maintain air superiority.

With that in mind, Lockheed Martin is dedicated to working with the U.S. Air Force on a robust combat enhancement program for the F-22, developing and delivering additional capabilities to preserve and enhance the Raptor's lethality and combat effectiveness.



F-22 Raptor

Length	62 ft / 18.90 m
Height	16.67 ft / 5.08 m
Wingspan	44.5 ft / 13.56 m
Wing area	840 ft ² / 78.04 m ²
Horizontal tail span	29 ft / 8.84 m
Engine thrust class	35,000 lb / 15,876 kg

COVER PHOTO BY KATSUHIKO TOKUNAGA

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