



# F-22 RAPTOR

AIR DOMINANCE DEFINED

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



## F-22 RAPTOR — AIR DOMINANCE DELIVERED

The 5th Generation F-22 Raptor defines air dominance. The F-22's unique combination of stealth, speed, agility and situational awareness, combined with lethal long-range air-to-air and air-to-ground weaponry, makes it the world's preeminent air dominance fighter.

The F-22 combines five distinctive features into one platform:

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

### Demonstrated Operational Maturity

The Collier Award-winning F-22 Raptor has delivered on its promise to provide unprecedented air dominance. The F-22 has demonstrated precision attack capabilities, defeating both air- and ground-based threats with unparalleled lethality and survivability.

The F-22's ability to collect and share tactical information with friendly assets enables U.S. and allied forces to engage targets with unmatched



**An F-22 refuels during combat operations in September 2014.**

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battlespace awareness. The Raptor makes other coalition aircraft more survivable.

### Mission-Ready Sustainment

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

The F-22 program was awarded the Air Force Association's 2015 John R. Alison Award for outstanding contributions by industrial leadership to national defense.

### Modernizing To Deter and Defeat Emerging Threats

The F-22 is the world's most dominant fighter, but potential adversaries continue to develop capabilities intended 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 F-22 combat enhancement program to bolster the Raptor's asymmetric advantage over current and potential adversaries.

The capabilities of the F-22 Raptor remain essential to deter and defeat threats and ensure regional and global security well into the future.



## F-22

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