



F-22 Raptor

Air Dominance Delivered



# F-22 Raptor – Air Dominance Delivered

Lockheed Martin. Your Mission is Ours.™

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

## DOMINANT AND READY

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 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.



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



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

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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. We are also working with the U.S. Air Force on innovative, agile new ways to deliver the Raptor's critical capabilities to our warfighters faster and more affordably.

## 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. Lockheed Martin is working with the U.S. Air Force on an integrated modernization and sustainment 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.

"First Look, First Shot, First Kill."