September 2020

LOCKHEED MARTIN

F-22 Raptor Fast Facts

Air Dominance Delivered.

Program Status

Sept. 2014
First Combat Strike

195
Produced & Delivered
(186 Production Aircraft
9 Test Aircraft)

Last Production F-22
Delivered in 2012

Increment 3.2B
Upgrades
in Process

USAF Plans
to Operate
F-22 until

2040
or longer

Dominant & Ready

- **Delivering Air Dominance.** The 5th Generation F-22 is the world's preeminent air dominance fighter and a proven strategic deterrent.
- **Driving 5th Generation Synergy.** Lockheed Martin is leveraging synergies between the F-22 and F-35 and developing new technologies to increase commonality and lethality on the F-22.
- **Mission-Ready Sustainment.** Lockheed Martin provides comprehensive Original Equipment Manufacturer (OEM) sustainment support for the U.S. Air Force's F-22.
- **Getting Agile.** The F-22 team is developing innovative ways to deliver critical capabilities to warfighters faster.

Recent Milestones

- The F-22 Increment 3.2B Update 6 Block 30/35 modification line was expanded this summer to Joint Base Elmendorf-Richardson, Alaska; Joint Base Hickam, Hawaii; and Ogden Air Logistics Complex, Utah. (August 2020)
- NORAD F-22s intercepted Russian reconnaissance planes near the Alaska Air Defense Identification Zone (ADIZ) on June 27. (June 2020)
- The F-22 Combined Test Force completed Edwards Air Force Base's first operational F-22 rapid crew swap. (May 2020)
- Air Combat Command authorized the release and fielding of the F-22 Update 6 Operational Flight Program (OFP) for incorporation into the Increment 3.2B Block 30/35 modification line. (April 2020)
- The F-22 program achieved a significant milestone with the first flight of Raptor Agile Capability Release (RACR) Release 1, which brings initial Link 16 Transmit and Mode 5 Identification Friend or Foe (IFF) Transmit capability to the Raptor fleet. (February 2020)

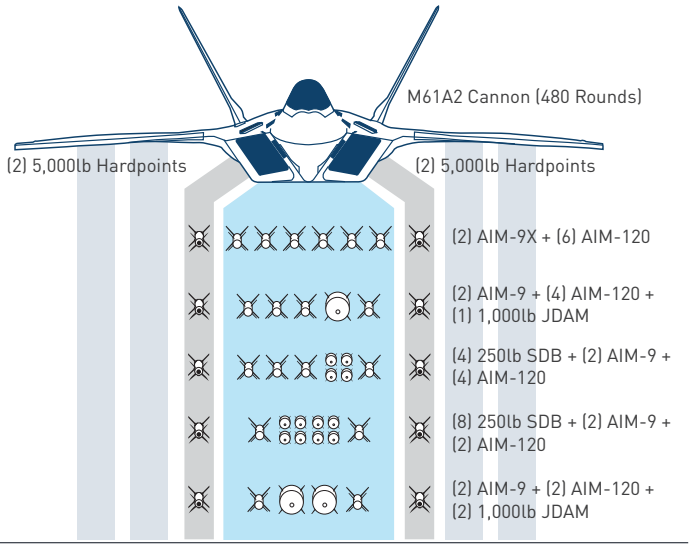
Modernization & Sustainment

- The F-22 is an example of the Air Force's Digital Century Series initiative, with the integration of the first Open Systems Architecture on a combat aircraft and the maturation of digital engineering approaches.
- Update 6 is the next iteration of continuous software improvements for the F-22, including a critical interoperability update and significant improvements to radar and In-Flight Data Link (IFDL) stability.
- The Link 16 transmit capabilities included in F-22 Raptor Agile Capability Release (RACR) Release 1 will enable the two-way exchange of J-series messages (Link 16) between the F-22 and other Link 16-enabled aircraft, including the F-35. Future F-22 modernization will focus on sensor, datalink, and survivability enhancements in an evolving threat environment.
- Lockheed Martin provides sustainment services to the F-22 fleet through a Performance-Based Logistics (PBL) contract and a comprehensive weapons system management program called Follow-on Agile Sustainment for the Raptor (FASTeR).

Squadrons

411th Flight Test SQ
27th Fighter SQ
94th Fighter SQ
149th Fighter SQ
301st Fighter SQ
19th Fighter SQ
199th Fighter SQ
90th Fighter SQ
525th Fighter SQ
302nd Fighter SQ
422nd Test & Eval Sq
433rd Weapons Sq
43rd Fighter Sq

Payload Flexibility



All information current as of September 2020. For additional questions and the latest data, please contact Jennifer Edwards