F-22 Raptor Fast Facts

**Program Status**

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

- Fourteen new Raptor pilots entered the Combat Air Forces as recent graduates of the F-22 Formal Training Unit. (May 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)
- U.S. F-22s and Canadian CF-18s intercepted two Russian Tu-142 aircraft entering the Alaskan Air Defense Identification Zone. (March 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**

- **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.
- The F-22 Increment 3.2B Update 6 Block 30/35 modification line will be expanded this summer to Joint Base Elmendorf-Richardson, Alaska, and Joint Base Pearl Harbor-Hickam, Hawaii.
- 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
- 91st Fighter SQ
- 525th Fighter SQ
- 302nd Fighter SQ
- 422nd Test & Eval Sq
- 433rd Weapons Sq
- 43rd Fighter Sq

**Payload Flexibility**

- M61A2 Cannon (480 Rounds)
- (2) 5,000lb Hardpoints
- (2) AIM-9X + (6) AIM-120
- (2) AIM-9 + (4) AIM-120 + (1) 1,000lb JDAM
- (4) 250lb SDB + (2) AIM-9 + (4) AIM-120
- (8) 250lb SDB + (2) AIM-9 + (2) AIM-120
- (2) AIM-9 + (2) AIM-120 + (2) 1,000lb JDAM

**Squadrons**

- All information current as of June 2020. For additional questions and the latest data, please contact John Losinger.