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

- 412th Flight Test SQ
- 94th Fighter SQ
- 143rd Fighter SQ
- 90th Fighter SQ
- 199th Fighter SQ
- 19th Fighter SQ
- 301st Fighter SQ
- 302nd Fighter SQ
- 433rd Weapons SQ
- 43rd Fighter SQ
- 422nd Test & Eval 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
- (2) 250lb SDB + (2) AIM-9 + (4) AIM-120
- (4) 250lb SDB + (2) AIM-9 + (2) AIM-120
- (8) 250lb SDB + (2) AIM-9 + (2) AIM-120
- (2) AIM-9 + (2) AIM-120 + (2) 1,000lb JDAM

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