

# F-22 Raptor Fast Facts

Digital, Dominant, Ready

## Digital, Dominant, Ready

- The 5th Generation F-22 is the world’s premier air dominance fighter and a proven strategic deterrent.
- Lockheed Martin is leveraging fifth-generation commonalities between the F-22 and F-35 to build combat capabilities.
- Lockheed Martin is focused on connectivity for the F-22 with other platforms. 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.
- Across Lockheed Martin our team is actively working efforts to bring the Digital Trinity to life through agile software development, open systems architectures and digital engineering approaches. There is no better example of this than the F-22. In fact, the F-22 has integrated the first Open System Architecture on a combat aircraft.
- We are laser focused on ensuring the F-22 is affordable across the lifecycle so it is Dominant & Ready for decades to come.
- In parallel with Increment 3.2B, Update 6 is fielding another iteration of continuous software improvements for the F-22 including a critical interoperability update and significant improvements to radar and Intra-Flight Data Link stability

## Program Status



## Recent Milestones

- 2020 experienced a record number of intercepts required from the Alaska Air Defense Identification Zone and F-22’s fulfill this role 24/7/365 from Joint Base Elmendorf-Richardson.
- We’ve delivered 98 out of 143 total Increment 3.2B upgraded jets. The remainder are scheduled to complete at the end of 2021.
- We’ve delivered 110 of 175 Update 6 upgrades. The remainder are scheduled to complete at the end of 2021.
- RACR Release 1 is nearing completion of development with a targeted fielding decision later this year.
- RACR Release 2 development started flight test in early April 2021.

## Squadrons



## Payload Flexibility

