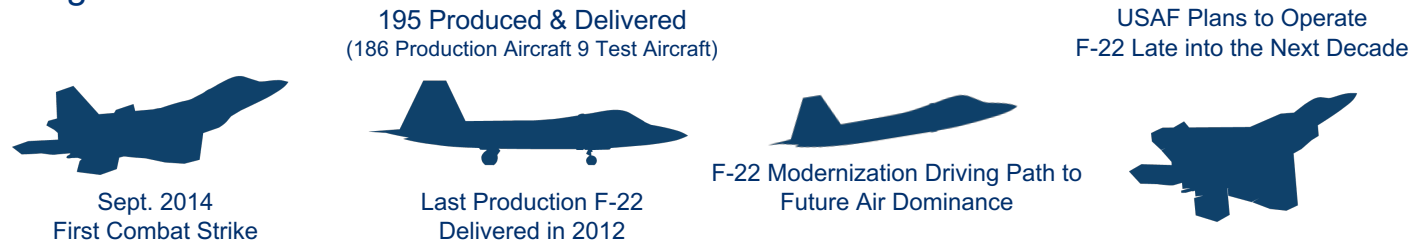


# F-22 Raptor Fast Facts

*Relevant, 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.
- Alongside the Air Force, we are focused on maintaining the F-22's asymmetric advantage through modernization and sustainment.
- 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. F-22 is a great example of these efforts. 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.
- We recently completed the Increment 3.2B/Update 6 multi-year upgrade effort bringing greater capability to the fleet including interoperability updates, radar improvements and additional weapon capability.
- In November 2021, Release 1 began fielding with start of first fleet aircraft modification. Release 1 provides an open systems architecture and additional communication capability, among other improvements.

## Program Status



## Recent Milestones

- We've delivered 100% of Increment 3.2B upgraded jets and Update 6 upgrades.
- First Release 1 fleet modification completed in March 2022.
- Release 2 is progressing toward a fielding decision review in September 2022. Release 3 is underway and expecting to reach first flight in Q3 2022.
- We received the Advanced Raptor Enhancement and Sustainment (ARES) IDIQ contract, with work anticipated to complete by 2031.
- USAF credits Automatic Ground Collision Avoidance System (Auto GCAS) for saving F-22 and its pilot ([Popular Science](#)).

## Squadrons



## Payload Flexibility

