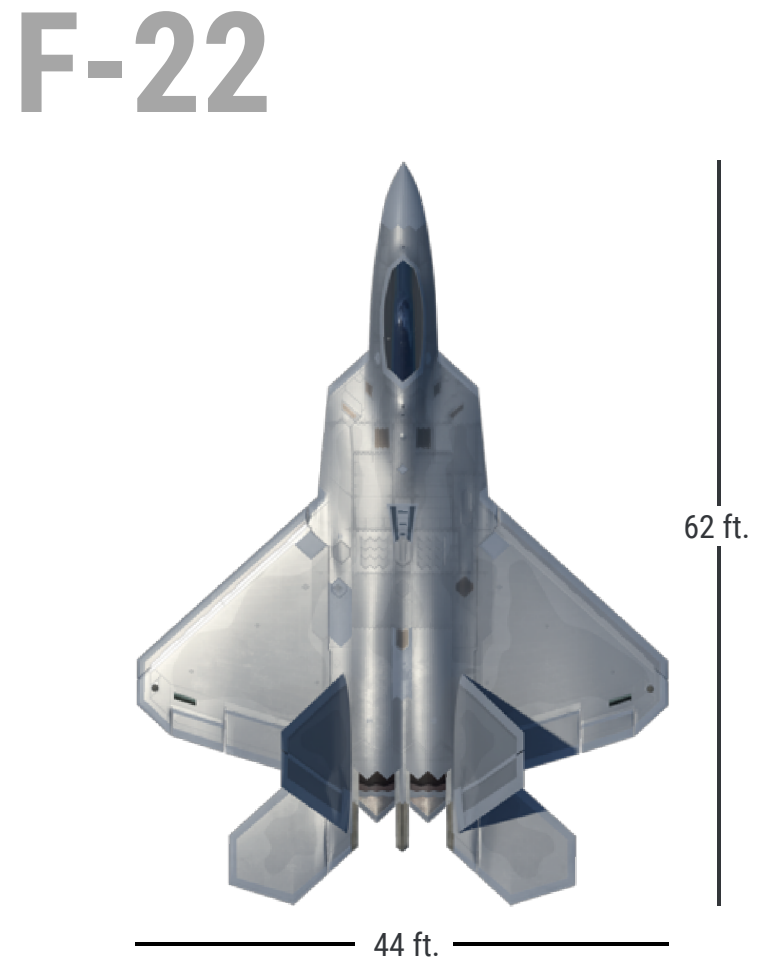
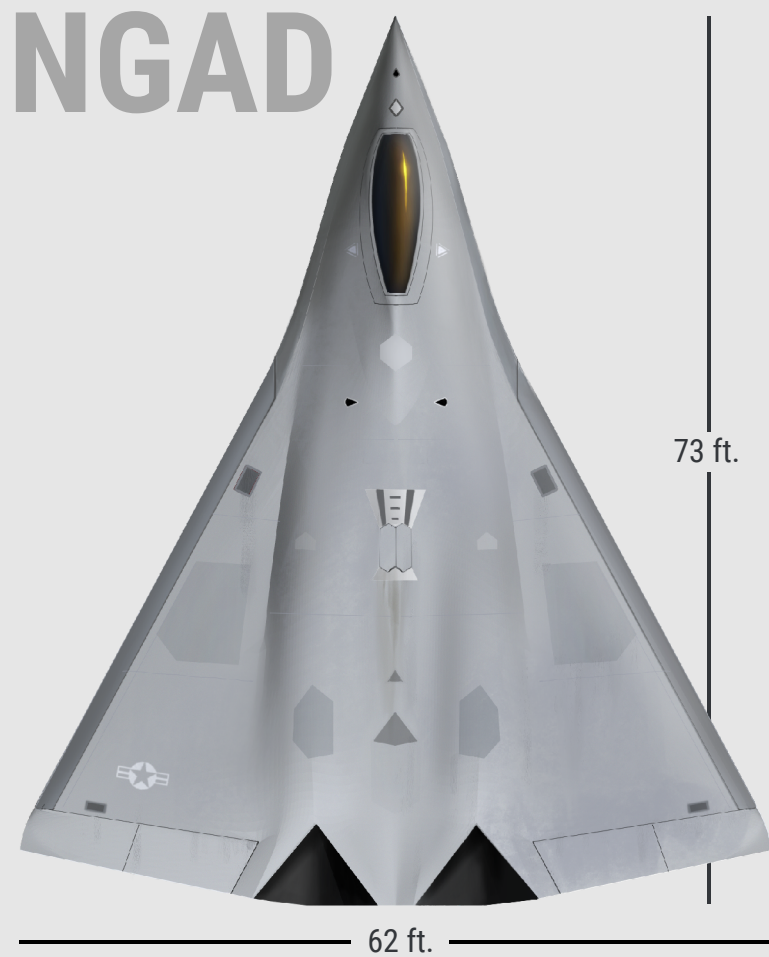


# Next Generation Air Dominance

NGAD (Next Generation Air Dominance) is a US Air Force program designed to replace the F-22 fighter. It is composed of a family of systems, including a manned platform (usually simply called NGAD) and unmanned AI-driven loyal wingman platforms (CCA - Collaborative Combat Aircraft). NGAD has been rumored to be a much bigger aircraft than the F-22 to operate efficiently in the Pacific theater. *The depicted notional NGAD aircraft is based on the Lockheed Martin sixth gen fighter artist impressions with a length similar to an F-111.*



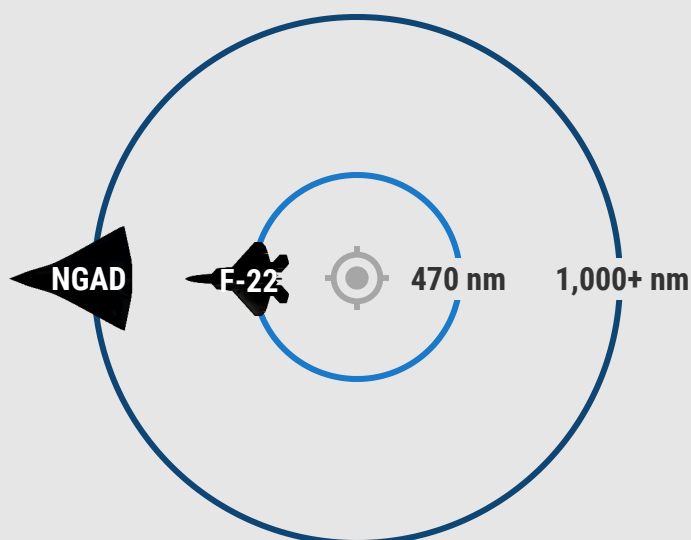
## NGAD (6th Gen) aircraft requirements

- Stealth (radar, IR, visual)
- Range
- Payload
- Manned-unmanned teaming

## F-22 (5th Gen) aircraft requirements

- Stealth (radar)
- Supercruise
- Maneuverability
- Sensor fusion

## Combat radius



## Cost per plane

