

NGAD System

NGAD (Next Generation Air Dominance) 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). The US Air Force is conducting future airpower planning based around a notional fleet composed of a mix of NGAD fighters and CCAs.

The notional NGAD aircraft is based on the Lockheed Martin sixth gen fighter artist impressions with a length similar to an F-111 and the CCAs are based on notional designs with a length similar to a Kratos XQ-58.

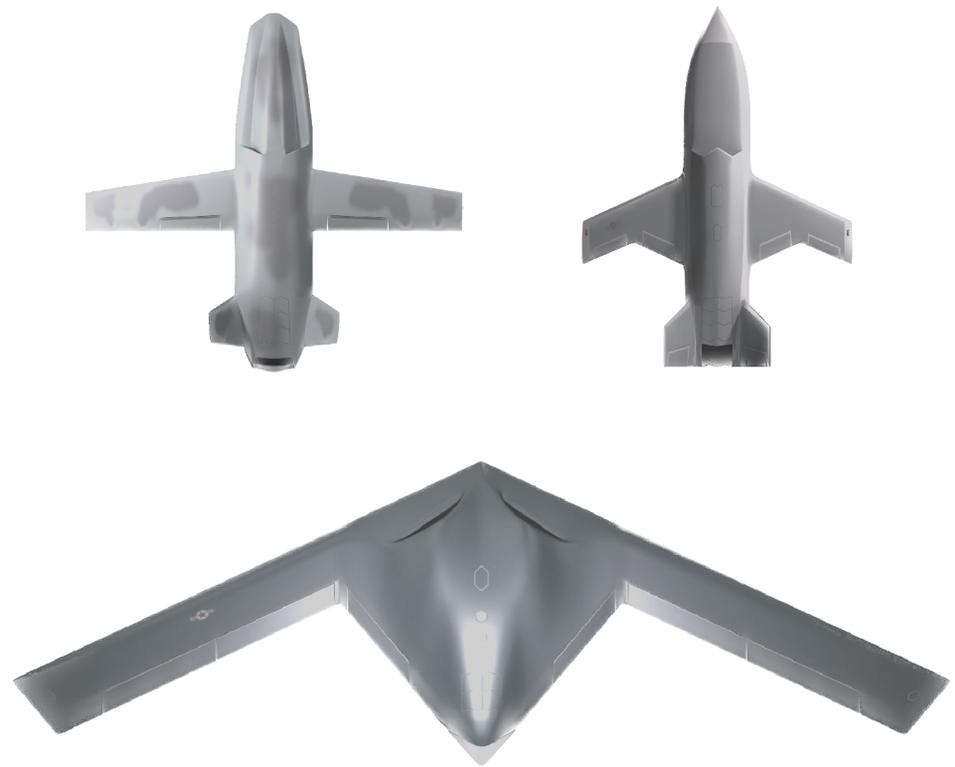
NGAD

6th Gen Manned Platform



NGAD

Unmanned Collaborative Combat Aircraft



Manned-Unmanned pairing

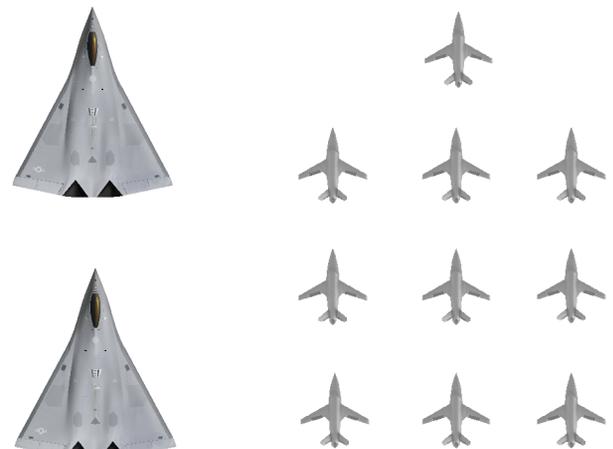


Notional: 2 CCAs for each manned platform



Capability: up to 5 CCAs for each manned platform

NGAD notional fleet



200 NGAD

1,000 CCA