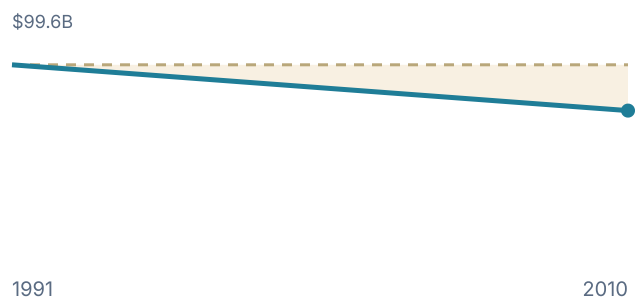


F-22 Raptor

F-22 · Air Force · Lockheed Martin **TRUNCATED**

-22% \$86.6B (1991) → \$67.3B (2010)



Dashed = promised baseline · solid = actual estimate · shaded = growth

BASELINE
\$86.6B (1991)

COST GROWTH
-22%

UNITS
648 → 187

UNIT-COST CHANGE
+169%

QUANTITY EFFECT
-\$61.6B

CONFIDENCE
medium · reconciled

CURRENT ESTIMATE
\$67.3B (2010)

COST BASIS
TY

QUANTITY CHANGE
-71%

SCHEDULE SLIP
—

UNIT-COST EFFECT
+\$42.3B

IOC
1990s (planned) → 2005

ASSESSMENT

Total acquisition FELL 22% — but the buy was gutted 648 → 187 (originally ~750), so program acquisition UNIT cost soared to ~\$369M/jet. The textbook truncation death-spiral: fixed R&D spread over a quarter of the planned fleet. (1991 vs 2010 are different then-year bases.)

SOURCE

GAO/NSIAD-95-59 (1991 Milestone II baseline: \$86.6B, 648 aircraft); CRS [RL31673](#) + F-22 SAR Dec 31 2010 (\$67.3B then-year, full 195-aircraft / 187-production program). 1991 and 2010 are different then-year bases.