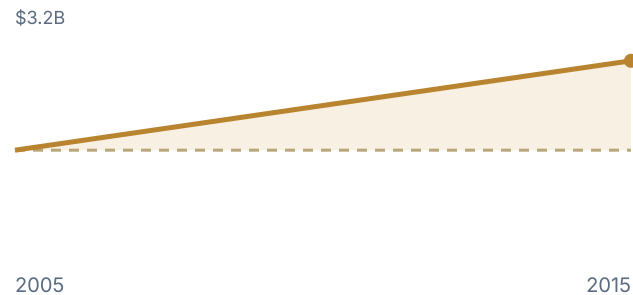


AN/TPS-80 G/ATOR

G/ATOR · Navy · Northrop Grumman

+77% \$1.6B (2005) → \$2.8B (2015)



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

BASELINE
\$1.6B (2005)

COST GROWTH
+77%

UNITS
64 → 45

UNIT-COST CHANGE
+152%

QUANTITY EFFECT
-\$472M

CONFIDENCE
high · reconciled

CURRENT ESTIMATE
\$2.8B (2015)

COST BASIS
BY

QUANTITY CHANGE
-30%

SCHEDULE SLIP
—

UNIT-COST EFFECT
+\$1.7B

IOC
planned 66-month cycle → 2018 (Block 1)

ASSESSMENT

The Marines' expeditionary radar cut its buy 28% and still grew 77% — development nearly tripled and cost per radar rose 152% — while the schedule ran 2.3× the plan. The GaAs→GaN module switch from 2016 bought capability, not savings.

SOURCE

GAO-17-333SP, G/ATOR profile p.99 — constant FY2017 \$M: first full estimate 08/2005 \$1,590.1M / 64 radars vs 12/2015 \$2,818.4M / 45; unit cost +152.1%; cycle 66 → 155 months; Blocks 1+2 at both ends. GAO-19-336SP p.107 corroborates (development +194.4%, FY2019\$). USMC program, Navy-led.