

Boeing Begins First U.S. Air Force B-52 Radar Upgrades

- The radar will increase the aircraft's navigation accuracy, targeting and tracking while providing new, high-resolution mapping.

SAN ANTONIO, June 1, 2023 — The first U.S. Air Force B-52 aircraft has arrived at Boeing [NYSE: BA] to begin upgrades as part of the Radar Modernization Program (RMP).

The RMP program will give the B-52 "fighter-like" radar capabilities, increasing navigation accuracy, targeting and tracking and will provide new, high-resolution mapping. The new radar will also be able to engage multiple targets simultaneously.

"The B-52 brings unique, critical capabilities to the U.S. Air Force as they move to a future two-bomber platform strategy," said Jennifer Wong, director of Bomber Programs. "By modernizing the B-52 radar, we're increasing the relevancy of the aircraft for the warfighter for close air support or strategic attack."

Following the on-schedule completion of the radar program Critical Design Review, Boeing began low-rate initial production of the new radar system for operational test and evaluation. Work on B-52 modernization takes place at Boeing sites in Oklahoma City and San Antonio.

RMP program upgrades include a new, wide-band radome on the aircraft's nose; two high-definition, touch-screen, large area displays; two display sensor system processors that will connect the radar with other B-52 systems; two hand controllers and a modern active electronically scanned array radar.

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