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Boeing has installed a Multi-role Electronically Scanned Array (MESA) antenna on the first of four 737-700s for Turkey's Peace Eagle airborne early warning and control (AEW&C) program.

The Northrop Grumman-built MESA antenna is the critical sensor aboard the aircraft. It is designed to provide optimal performance in range, tracking and accuracy. Additionally, the radar is able to track airborne and maritime targets simultaneously. The antenna is 35.5 ft. long, 11 ft. high and weighs more than three tons. Delivery of the four Peace Eagle AEW&C aircraft is scheduled to be completed by the end of 2008.

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