

**Technical Description
UHF System Ground Test**

The Boeing Company

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JUSTIFICATION:

USAF/AFMC CONTRACT NO: FA8730-17-C-0038

UHF EMC/Checkout System Ground Test

The Boeing Company is requesting a FCC Special Temporary Authority to support Japan AWACS installation checkout and EMC certification ground test.

COORDINATION

This activity has been coordinated with William Whittington, william.whittington.5@us.af.mil (301) 225-3744.

OBJECTIVE & TEST DESCRIPTION

The requested frequencies are required to properly run our EME Certification Ground Test and verify no Electromagnetic Interference (EMI) at these specific test frequencies. For each of these frequencies, we plan to transmit on the specified Nav/Comm radio for 1-2 minutes, and verify it does not interfere with other systems on the A/C at this specific frequency.

Manufacturer: Rockwell Collins
Model: AN/ARC-171
Frequencies: 236.05 MHz, 306.675 MHz, 375 MHz

Emissions: 16K0F1D
ERP: 1000 W
Station Class: FX

STOP BUZZER POINT OF CONTACT:

Stop Buzzer POC, Gregg Allred, 206-877-3072

Location: Boeing Facility San Antonio, TX
Lat/Lon: 292220N 0983452W
Radius: 5 km