

**Technical Description
HF System Flight/Ground Test**

The Boeing Company

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JUSTIFICATION:

HF System Flight/Ground Test

The Boeing Company is requesting an experimental license in lieu of FCC Special Temporary Authority, WP9XTH, to conduct HF system flight and ground testing.

OBJECTIVE & TEST DESCRIPTION

The objective of this requirement is to develop and test the HF-121C system on Boeing aircraft. These tests will include ground operational checks, integration testing, and flight testing.

Manufacturer:	Rockwell Collins
Model:	HF 121C, HFS-900D, AN/ARC-207
Frequencies:	2.00000000-2.49400000 MHz 2.50600000-4.99400000 MHz 5.00600000-9.99400000 MHz 10.00600000-14.98900000 MHz 15.01100000-19.98900000 MHz 20.01100000-24.98900000 MHz 25.01100000-29.99900000 MHz
Emissions:	100HA1A, 2K70J3E, 3K00R3E, 6K00B8E, and 6K72F1D
ERP:	400 W
Station Class:	MO

STOP BUZZER POINT OF CONTACT:

Stop Buzzer POC, Blair Peterson, +1 (206) 852-6271

Location:	Boeing Facility San Antonio, TX
Lat/Lon:	292220N 0983452W
Flt. Level:	42,000 Feet AGL
Radius:	100 km