

The Boeing Company**Request for Experimental License Exhibit**

Advanced Radar Surveillance System (ARSS) Radar
Independent Research, Development, Test, and Evaluation (RDT&E)

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by

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U.S. Spectrum Management and Electromagnetics
St. Louis Regional Office
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Request for Experimental License

See Confidential Items Document

Sensitive Information

See Confidentiality Statement Document

Timely Response Appreciated

Boeing will greatly appreciate a determination as quickly as possible to meet the directive schedule.

Location

The Boeing Company
644 West Pima Street
P.O. Box A
Gila Bend, AZ Zip 85337
30 KMRA of
32° 53' 30.70"N
112° 40' 58.22"W
WGS84/NAD83



Figure 1 – Boeing Tower Site, Gila Bend, AZ

Schedule

The requested OET license is to be effective for 2-years upon a grant from the FCC/OET. Operations will be anytime, 24 hours a day, 7 days a week, as necessary.

Stop Buzzer Contact Information

The equipment will be operated by Boeing employees.

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Frequencies, Power and Emission

Frequency	Power	Emission
8750.55 MHz – 8950.55 MHz	37 dBm or 3665.44 watts peak (ERP)	22M0P0N 7M35Q3N

Note: Radar operates in 8 steps of 28.35 MHz on the following frequencies: 8750.55 MHz, 8778.90 MHz, 8807.25 MHz, 8835.60 MHz, 8863.95 MHz, 8892.30 MHz, 8920.65 MHz, and 8949.00 MHz

Equipment and Antennas
See Confidential Items Document