

# Technical Description

## The Boeing Company

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By

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The Boeing Company

Global Spectrum Management MC: 1K-105

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### **JUSTIFICATION:**

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

The Boeing Company is requesting a experimental license in lieu of FCC call sign WR9XOS to support Japan Electronic Control Measures (ECM). The purpose of this procedure is to perform check out of the Japan 767 MCU modification of ESM hardware/software.

### **OBJECTIVE & TEST DESCRIPTION**

This procedure includes two separate ESM checkouts—with and without Mission Computing System. Checkout includes ESM software verification, ESM BIT test, OBE blanking testing, and emitter testing using one of the external signal generator listed below.

### **OPERATION OVERVIEW**

Manufacturer:	Agilent
Model:	8257D
Manufacturer:	L3Harris
Model:	AN/PLM-4 radar signal simulators (RSS)
Frequencies (MHz):	1200, 1287, 1337, 9912.8,
Emissions:	10M00P0N
Frequencies (MHz):	1560, 13780.5
Emissions:	10M00N0N,
Effective Radiated Output:	1 W
Station Class:	FX

### **STOP BUZZER POINT OF CONTACT:**

Ken Gilliam, (425)569-9351

### **LOCATIONS:**

Boeing Facility, San Antonio, TX

29-22-10N; 98-34-07W

Radius: 1Km