

# Technical Description

## The Boeing Company

Submitted: 5/17/2021

By

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The Boeing Company

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### **JUSTIFICATION:**

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

The Boeing Company is requesting a Special Temporary Authorization (STA) 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):	5580, 5800
Emissions:	10M00P0N,
Effective Radiated Output:	1 W
Station Class:	FX

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

Ken Gilliam, (425)569-9351

### **LOCATIONS:**

McChord AFB

47-8-15N; 122-28-35W

Radius: 3km