

Technical Description

The Boeing Company

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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):	1287, 1337
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