

Technical Description MSA Sea Lancet Air & Ground (Modification 1)

The Boeing Company

Submitted: 4/23/2014
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JUSTIFICATION:

**Test of Boeing Maritime Surveillance Aircraft (MSA) Demonstrator
Ground test of SeaLancet ground station system at the Boeing facility in Kent WA.**

The MSA is a long-range, coastal surveillance, intelligence, and reconnaissance aircraft capable of broad-area, maritime and littoral operations. The MSA demonstrator is a Bombardier Challenger 604 aircraft.

OBJECTIVE & TEST DESCRIPTION

This requirement supports Line Of Sight data link communication testing during flight test. Communication with the MSA aircraft will be via a Sea Lancet ground station.

OPERATION OVERVIEW

Manufacturer:	Reliable System Services Corp.
Model:	RT-1944/U
Frequencies:	2269.5 MHz
Emissions:	19M4W7D
Transmit Output Power	
Ground	10 Watts
Ground Antenna Gain:	24 dBi
Ground ERP:	1532 Watts
Station Class:	FX

STOP BUZZER POINT OF CONTACT:

Phil Tsiang at 253-657-8218, Mark Poad at 253-657-8265 or Tom Ott at 253-657-7934
, Jahn Goede 206-544-2543

LOCATIONS

Location:	Kent
Latitude:	47-25-08 N
Longitude:	122-15-11 W
Radius:	1 Kilometer