

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: N/A

The Boeing Company is requesting a Special Temporary Authorization (STA) to support Project Countdown. The purpose of this procedure is to perform ground testing of the aircraft after modifications have been performed prior to flight tests at Yuma Proving Grounds.

OBJECTIVE & TEST DESCRIPTION

This procedure includes turning on this radar altimeter, but will be limited to on-ground operations. Testing will include vehicle and system health checks, EMC testing, and SMI testing.

OPERATION OVERVIEW

Manufacturer:	Roke
Model:	Miniature Radar Altimeter (MRA) Type II
Frequencies:	76 – 77 GHz
Emissions:	1G0F0N
Effective Radiated Output:	0.126W
Station Class:	FAT1

STOP BUZZER POINT OF CONTACT:

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LOCATIONS:

Boeing Facility, Mesa, AZ

33-28-15N; 111-43-43W

Radius: **1Km**