

Technical Description

The Boeing Company

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Submitted:
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The Boeing Company
Frequency Management Services MC: 2T-22
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JUSTIFICATION:

Direct Military Sales Contract with USAF/AFMC for KC-46A Engineering and Manufacturing Development under CONTRACT NO: FA8625-11-C-6600

These frequencies are requested to support Boeing KC-46A EMD program. The KC-46A is the next generation multi-role Tanker offering improved aerial refueling capability, strategic military transport, medevac, and enhanced survivability. This requirement supports flight and ground tests of the aerial refueling system including drogue control law development, performance evaluation and customer demonstration flight operations.

OBJECTIVE & TEST DESCRIPTION

The system supported by this request will operate at Boeing Field and provide a simulated IRIG-106 PCM telemetry signal for preflight functional check and troubleshooting.

OPERATION OVERVIEW

Start Date:	Jan 1, 2014
Stop Date:	July 2, 2014
Manufacturer:	System Engineering and Management Company (SEMCO) Model: TSS200A-MMB
Frequencies:	1 ea between M2361-2389
Emissions:	5M00M2D
Transmit Output Power:	100 mW (max)
Antenna Gain:	4 dBi
Effective Radiated Output:	153 mW
Station Class:	FX

STOP BUZZER POINT OF CONTACT:

David Black, 206-544-8583

LOCATION

Location: North Boeing Field, Seattle WA
Latitude: 47-32-18 N
Longitude: 122-18-51 W
Radius: 1 Kilometer

