

Technical Description

The Boeing Company

Submitted: 10/30/2012
by
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The Boeing Company
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JUSTIFICATION:

Direct Commercial Sales (DCS) Contract with India for P-8I Development and Testing under CONTRACT NO: 171/DAA/C/08-09LRMRASW/AIRCRAFT (08)

These frequencies are requested to support Boeing P-8I aircraft production and testing. The P-8I is a long-range anti-submarine warfare, anti-surface warfare, intelligence, surveillance and reconnaissance aircraft capable of broad-area, maritime and littoral operations. The P-8I is a variant of the P-8A Poseidon that Boeing is developing for the U.S. Navy. This is a military derivative of the Next-Generation 737-800. Boeing is building the P-8I at its production facility in Renton, Washington and has a Direct Commercial Sale agreement with India.

OBJECTIVE & TEST DESCRIPTION

This requirement supports the India IFF Transponder testing under the current contract. There are only two tests scheduled at this time and the requested timeframe below allows for schedule adjustments.

TEST OVERVIEW

Start Date:	December 1, 2012
Stop Date:	May 30, 2013
Manufacturer:	Hindustan Aeronautics Limited (HAL)
Model:	2410A TS
Part Number:	N149451
Frequency:	1090 MHz
Emissions:	14M0M1D (Modes 1,2,3/A, C)
Emissions:	11M9M1D (Mode S)
Antenna Type:	Blade
Antenna Polarization:	Vertical
Antenna Gain:	2.5
Effective Radiated Output:	861 Watts (Peak)
Station Class:	FX

STOP BUZZER POINTS OF CONTACT:

Primary: Tyler S. Wilson at phone number (206) 618-1740
Secondary: Troy F. Kindall at phone number (206) 962-9406

LOCATION

Ground tests will be conducted on Boeing Field

Location:	Boeing Field (Fixed Location)
Latitude:	47-30-58 N
Longitude:	122-17-43 W