

Technical Description

The Boeing Company

Submitted by
Brian Gilman
The Boeing Company
Frequency Management Services MC: 2T-22
P.O. Box 3707
Seattle, WA 98124-2207
206-544-6034

JUSTIFICATION:

This experimental license is required to support Very High Frequency (VHF) communications for various Department of Defense programs, Direct Commercial Sales programs, and Foreign Military Sales programs.

DATES OF OPERATION

Start Date: July 14, 2015
Stop Date: Required for at least 24 months

OBJECTIVE & TEST DESCRIPTION

The radio will be mounted in a communications trailer at fixed locations and used to communicate with aircraft flying in and around the Puget Sound area.

TEST OVERVIEW

TX Manufacturer:	Harris
TX Model:	AN/APG-117(G)
Frequencies:	30-70 MHz
Emission Designators:	18K6F1E 25K0F3E
Transmit Output Power:	50 Watts Peak (Peak)
Antenna Gain:	-6 dB (Maximum)
Effective Radiated Output:	8 Watts ERP
Antenna:	Whip
Station Class:	FX

STOP BUZZER POINT OF CONTACT:

Ed Keeney
206-544-2988

LOCATIONS

Location 1

Location: Seattle, WA (MFC)
Latitude: 47° 30' 50" N
Longitude: 122° 17' 31" W
Radius: Fixed within 1 Kilometer of lat/long

Location 2

Location: Everett, WA
Latitude: 47° 55' 13" N
Longitude: 122° 16' 28" W
Radius: Fixed within 1 Kilometer of lat/long

Location 3

Location: Moses Lake, WA
Latitude: 47° 11' 58" N
Longitude: 119° 18' 01" W
Radius: Fixed within 1 Kilometer of lat/long