

Description of Requirement for 0474-EX-ST-2009

This testing is required to be performed in a relatively quiet RF location and will most likely be performed at night to further reduce ambient RF noise. The testing consists of the transmitter (gigatronics signal generator) located on the ground at Pacific Beach and the aircraft orbiting within the Olympic A MOA or the transmitter located on the ground at Quillayute airfield and the aircraft orbiting within the Olympic B MOA. The Boeing field test site will be used for ground testing in the event an anomaly is encountered during the airborne tests.

The specific frequencies requested will be swept from low to high with a transmit duration of 35ms per frequency with a dwell time of 15ms between frequencies. Specific frequencies can be blocked out as required. Stop buzzer for the testing will be Victoria Habas (cell 503.890.2213).