

To: Mauldin Craig
E-Mail: Craig_D_Mauldin@Raytheon.com
From: Jose Trevino
Date: July 22, 2009

Subject: FCC file number 0270-EX-PL-2009

Message:

Mr. Mauldin Craig,

Please provide the following information listed below in order to process the application.

- 1.) Submit an exhibit describing the purpose of this experiment, and if this authorization is to be used for fulfilling the requirements of a U.S. government contract, then include the name of the contracting agency, the contract number in the description and U.S. government POC related to that contract.
- 2.) The following frequency bands: (225-328.6 MHz) and (335.4-399.9 MHz) are used for military purposes and they are required to coordinate with Military Assignment Group (MAG). Please provide us Military contract number and Military POC related to that contract.
- 3.) Use of the bands 148-328.6 MHz and 335.4-406 MHz requires that you report a Stop Buzzer, a person who can immediately cease transmissions at any time. Please report the name and cell phone number of the Stop Buzzer.
- 4.) Please prior coordinate the use of the frequency bands, (1215-1390 MHz), and (2900-3000 MHz) with FAA Western Service Area (WSA) Office. Please obtain the NGT number(s) from the FAA WSA of the coordination, FAA Point-of-Contact including name & phone number and report them in your response to this correspondence.

Please report the parameter below in your coordination with the FAA Regional Office:

- Peak envelope power (PEP);
- Type of antenna;
- Transmit antenna gain;
- Elevation above sea level of the antenna site;
- Height above ground of the focal point of the antenna;
- Antenna polarization;
- The azimuth that the antenna is pointed or appropriate designator to indicate whether the antenna is rotating, non-directional, etc.
- Pulse repetition rate (PRR) that the equipment is capable of operating on to include PRR stagger sequences if appropriate, whether the PRR is adjustable and what PRR's the equipment can accept, and any other information that would be helpful in understanding the pulse characteristics of the equipment;
- Pulse width;
- Equipment nomenclatures;
- Whether the equipment is capable of blanking transmissions in certain azimuths and any limitations with respect to blanking;
- Radius of operations if appropriate;
- Detailed description of the proposed operation to include any technical parameters that will be altered during operations.

- 5.) Please coordination with FSS stations in your area and submit as an attachment to your application completed FSS coordination for use of frequencies in the band 3650-3700 MHz. The requirement for coordinating with FSS stations comes from 47CFR90.1331 (a) (1). It tells you that you can find a list of grandfathered FSS earth stations at <http://www.fcc.gov/ib/sd/3650/>. The procedures for coordinating with any affected FSS stations are given in 47CFR90.1331 (a) (2) & (3).

6.) Please submit the required fee for your application.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of July 22, 2009 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the 'Reply' button. In order for your response to be processed expeditiously, you must upload your response via the Internet at <https://fjallfoss.fcc.gov/oetcf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 8956