

To: Howard Jordan
E-Mail: howard_jordan@rac.ray.com
From: John Kennedy
Date: October 20, 2006

Subject: FCC File # 0295-EX-PL-2006

Message:

Dear Mr. Howard Jordan:

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 and the contract number in the description.

2.) Prior coordinate the frequency bands 1435-1525 MHz, 2310-2320 MHz and 2345-2390 MHz with the Aerospace and Flight Test Radio Coordinating Council. When the coordination has been completed, attach the completed AFTRCC coordination as an exhibit to this application.

3.) Prior coordinate the frequency bands 510-535 kHz, 74.8-75.2 MHz, 1215-1390 MHz, 2700-3000 MHz, 5000-5250 MHz and 9000-9200 MHz with the FAA Central Regional Office. Please carbon copy (Cc) me at john.kennedy@fcc.gov in your coordination with the FAA so that there will be a copy for the record. When done, respond to this correspondence by reporting the NGT numbers you obtain from the FAA for this coordination. Please report the following when you coordinate with the FAA:

- 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 (staggered, jittered, fixed) 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.

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 October 20, 2006 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://gulfoss2.fcc.gov/prod/oet/cf/els/index.cfm> by clicking on the "Reply to Correspondence" hyperlink.

Responses to this correspondence must contain the Reference number : 4610