

We have approved your proposed use of M1378 as described over the period 16-27 March 2009 under the coordination assignment number NG T090256.

Requirements or details needed for Coordination with the FAA for the requested operating frequencies.

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

- Peak envelope power (PEP):

10W

- Type of antenna:

L10-827 (Dayton Granger)

- Transmit antenna gain:

Unknown

- Elevation above sea level of the antenna site:

Variable – communications antennas mounted in two different aircraft and one fixed site.

- Height above ground of the focal point of the antenna:

N/A – Omni-directional communications antenna

- Antenna polarization:

Vertical

- The azimuth that the antenna is pointed or appropriate designator to indicate whether the antenna is rotating, non-directional, etc.:

N/A – Omni-directional communications antenna

- 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:

N/A

- Pulse width:

N/A

- Equipment nomenclatures:

L-band Radio manufactured by Northrop Grumman

- Whether the equipment is capable of blanking transmissions in certain azimuths and any limitations with respect to blanking:

No

- Radius of operations if appropriate:

Operations will be conducted within a 20 mile radius of 33°07'17.76"N/112°23'45.24"W (Buckeye, AZ).

- Detailed description of the proposed operation to include any technical parameters that will be altered during operations:

We will be conducting a communications experiment in preparation for a government sponsored exercise during the weeks of 16 – 27 March in Goodyear, AZ at the location stated above, the multiple SDTR L-band radio from Northrup Grumman. The radios will be operating for minimal amounts of time during this two week period during daylight hours only. The SDTR operates at the fixed frequency of 1378MHz. The SDTR radios will be installed in a Saberliner and Huey helicopter aircraft, and a ground based location. Communications will take place over an L-band frequency air-to-air and air-to-ground. Huey will be at < 1000ft altitude and Saberliner will be 130K to 150K Ft. altitude.

- Technical Contact for additional information or program details:

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