

# **SADL/EPLRS Experimental License Authorization Request**

## **Purpose of Operation**

Raytheon Network Centric Systems (NCS) has been developing an airborne radio system that can synchronize with local enforcement ground networks . We want to experiment with the SADL/EPLRS radio system at a altitude of 1200 feet.

- SADL/EPLRS Current application for experimental license;
  - File Number: 0496-EX-PL-2008
  - Class of Station: MO
  - Station Locations: Fort Wayne, IN and Fullerton, CA
  - Effective: TBD
  - Expiration: TBD

## **Experimental Explanation**

To provide an immediate, 24-hour per day, citywide air support response capability for critical occurrences and emergency situations, to provide aerial and logistical support for law enforcement, highway safety and traffic enforcement operations, and to provide transport services in support of governmental operations and critical administrative functions.

Peak envelop power is : 20 Watts

Mean power is: 7 Watts

Antenna Type: Shakespeare Model 4310 Omni directional whip

Polarization: Vertical

Gain: 0 dBi

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