

**FCC Application for Experimental STA**

File Number: 0504-EX-PL-2015

**Exhibit 1: Information on Experiment****Purpose of Experimental STA Request**

SRC is requesting an Experimental License for the purpose of radar testing. Our requested dates are for a period ranging from of September 1, 2015– March 31, 2016.

**Locations**

SRC will be operating SRC-3554 Radars at the following location within the radius of operation:

| Location                | Latitude/Longitude              | Radius of Operation | Number of Radars |
|-------------------------|---------------------------------|---------------------|------------------|
| Olympic View Washington | 47°41'38.00"N<br>122°44'26.00"W | 15 km               | 3                |

**SRC-3554 Frequency Requirements**

Each SRHawk (SRC-3554) radar will utilize one frequency within the 16.21-16.5 GHz operating band of the system to operate.

**Operating Schedule**

The operating schedule SRC will use for the SRC-3554 Radar during the course of the Experimental grant is:

| Schedule Times                    | Date                   |
|-----------------------------------|------------------------|
| Start Date of Experiment          | September 1, 2015      |
| Stop Date of Experiment           | March 31, 2016         |
| Daily Operation during Experiment | Up to 24 hours per day |

**Interference Mitigation**

The SRC-3554 radar can blank transmissions from 0 and 360 degrees in azimuth if necessary to protect other services that may be operating.

**Cease Buzzer Point of Contact**

SRC understands that operation will be on a secondary non-interference basis. In the event interference complaints were to occur, SRC has taken preventative measures to cease and desist from transmission until they can be resolved. SRC has established a Cease Buzzer point of contact to quickly react with any interference complaints that are the result of our system. The point of contact for the SRC Cease Buzzer is:

| Point of Contact | Telephone Number                                     |
|------------------|------------------------------------------------------|
| Cease Buzzer     | Primary: (315) 460-0975<br>Secondary: (315) 452-8114 |