

FCC Application for Experimental STA

File Number: 0011-EX-CM-2019

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

SRC is requesting to add a location to our existing Experimental License WF2XHA (FCC File: 0232-EX-ML-2014) for the purpose of conducting radar testing and demonstrations within the Continental United States. Our requested dates are for a period ranging from of February 15, 2019– February 15, 2021 or up to four years if the Commission permits.

Locations

SRC will be operating SRC2401Radars at the following location within the radius of operation:

Location	Latitude/Longitude	Radius of Operation	Number of Radars
Vassar, KS	38°40'56.59"N 95°34'50.66"W	2600 km	Up to 8

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	February 15, 2019
Stop Date of Experiment	February 15, 2021
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 Secondary: (315) 452-8114