

FCC Application for Experimental License STA

File Number: 1041-EX-CN-2019

Exhibit 1: Information on Experiment

Purpose of Experiment

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental License for the operation of two SRC L-Band Radars. The purpose of our request is to conduct tracking unmanned Aerial systems (UAS).

The period of time SRC will be requesting our Experimental STA is two months; over the period of January 1, 2020 through January 1, 2020. The radar operating schedule is 7am – 8 pm Monday through Friday.

Operating Location

The SRC L-Band radars will be operated from a tripod 7 ft above ground at a fixed location within the radius of operation. The coordinates SRC will use are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Pawnee, OK	36° 16' 12"N	96° 50' 15"W	291.4 meters (956 ft.)	12 kilometers (7.5 miles)

Cease Buzzer for Experiment

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)-452-8000
Cease Buzzer (Secondary)	(315)-452-8114