

FCC Application for Experimental STA

File Number: 0755-EX-ST-2015

Exhibit 1: Information on Experiment

Purpose of Experimental STA Request

SRC is requesting an Experimental Special Temporary Authorization for the purpose of radar testing. Our requested dates are for a period ranging from of August 8, 2015– August 11, 2015.

Locations

SRC will be operating one SRC-3554 Radar at the following location:

Location	Latitude/Longitude	Radius of Operation	Number of Radars
Wharton, NJ	40°57'37.00"N 74°31'19.00"W	2 km	1

SRC-3554 Frequency Requirements

A single SRHawk (SRC-3554) radar requires only 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 STA grant is:

Schedule Times	Date
Start Date of Experiment	August 8, 2015
Stop Date of Experiment	August 11, 2015
Daily Operation during Experiment	Up to 8 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: (585) 705-9364 Secondary: (315) 452-8114