

Purpose of Experimental STA Request

An Experimental Special Temporary Authorization is requested for the purpose of radar detection testing.

Locations

Operation of 1 (1) SRC-3554 Radar at the following locations:

Location	Latitude/Longitude	Radius Of Operation	Number Of Radars
Clovis, NM	34° 23' 53.5" N 103° 12' 31.4" W	10km	1
Fort Sumner, NM	34° 24' 27.2" N 104° 18' 04.1" W	10km	1
Fort Sumner, NM	34° 28' 53.1" N 104° 15' 05.2" W	10km	1

SRC-3554 Frequency Requirements

A single SRHawk (SRC-3554) radar requires only one frequency within the 16.21-16.50 GHz operating band of the system to operate. If more than one radar is used each frequency must be separated by at least 50 MHz. Our experiment will utilize:

Location	Number Of Radars to be used (up to)	Number of Frequencies Used Per Radar	Total Frequencies needed for Experimental STA
Clovis, NM	1	1	1
Fort Sumner, NM	1	1	1
Fort Sumner, NM	1	1	1

Operating Schedule

The operating schedule that will be used for the SRC-3554 Radar during the course of the Experimental STA grant is:

Schedule Times	Date
Start Date of Experiment	10/10/2016
End Data of Experiment	-
Daily Operation during Experiment	Intermittently up to 24 hours per day

Interference Mitigation

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

Cease Buzzer Point Of Contact

In the event interference complaints were to occur, SRC/Gryphon Sensors has taken preventative measures to cease and desist from transmission until they can be resolved. The POC for Cease Buzzer for Gryphon:

Point Of Contact	Telephone Number
Cease Buzzer	Primary (626) 302-7858 Secondary (315) 452-8114