

## FCC Application for Experimental STA

File Number: File Number: 0244-EX-ST-2013

### Exhibit 1: Additional Information for Experimental STA

#### 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. We will be using four SRC-3554 radars and will therefore require four frequencies for our experiment.

#### Operating Locations

The operating locations that SRC will use are listed in the table below:

Site Name	Lat/Long (DDMMSS)	Radius of Operation (km)
Turtle Cabin	26°51'26"N 97°21'46"W	1
Mansfield Cut	26°32'22"N 97°26'03"W	1
Safire Tower	26° 4'56"N 97° 9'41"W	1
Port A	27°49'56"N 97° 3'20"W	1

#### Operating Schedule

SRC will operate the SRC-3554 up to 24 hours per day over the requested period of July 1, 2013 through October 1, 2013 for the Experimental STA grant.

#### 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
<b>Cease Buzzer (Main)</b>	(315) 460-0975 (during operating hours)