

FCC Application for Experimental License

File Number: 0060-EX-PL-2015

Purpose of Experiment

SRC respectfully requests to the Federal Communications Commission to grant us an Experimental License for the operation of one SRHawk (SRC-3554) radar at Kevin, MT. The purpose of this request is for demonstrating the operation and functionality of the SRHawk Radar in a wind farm environment.

SRC-3554 Frequency Requirements

The SRHawk radar requires only one frequency within the 16.21-16.5 GHz operating band of the system to operate.

Operating Location

The SRHawk radar will be operated from a tripod 7 ft. above ground at a fixed location within the radius of operation. The coordinates SRC Inc. will use are:

Location	Latitude	Longitude	Elevation (Above mean Sea Level)	Radius of Operation
Kevin MT	48°49'22"N	122°08'41"W	1265 m	10 km

Operating Schedule

SRC will operate the SRC-3554 Radar intermittently Up to 24 hours per day over the requested on year period of May 1 2015 through May 1, 2016 for the Experimental 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 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
Primary Cease Buzzer	(315)-200-2295
Secondary Cease Buzzer	(315)-452-8114