

FCC Application for Experimental License

File Number: File Number: 0031-EX-PL-2013

Information on Experiment

Purpose of Experiment

SRC respectfully requests the Federal Communications Commission to grant us an Experimental License for the operation of an airborne SRC4000 Radar for the purpose of testing a prototype radar.

The period of time SRC will be requesting our Experimental License is 24 months from 6/1/2013 through 6/1/2015.

Operating Location

The SRC4000 Radar will be operated on an aircraft 1500 meters above ground level within the radius of operations shown below. The coordinates SRC will use for the center of operation are:

| Location | Latitude | Longitude | Elevation (Above mean Sea Level) | Radius of Operation |
|---|---------------|----------------|--|------------------------|
| Logan, UT | 41°44'8.91"N | 111°51'36.16"W | 1362.46 m (4470 ft) | 60 km (37.2 miles) |
| Corner of North Lakeside Dr and Puddle Valley Rd, N of Grantsville, UT | 40°59'12.46"N | 112°59'10.75"W | 1373.7 m (4507 ft) | 75 km (46.6 miles) |

Operating Schedule

SRC will operate the SRC4000 Radar intermittently Up to 8 hours per day Monday through Friday, over the requested 24 month period of the Experimental License grant.