

KRFS Experimental License Request for Kirkland AFB and Fort Sill, OK

1. Purpose of Operation

Raytheon Integrated Defense Systems (IDS) to KRFS Multi-Function RF System (Radar). Development Planning and Experimentation (SDPE) Directed Energy (DE) Counter Unmanned Aerial Systems (C-UAS) program

- **File Number: 0232-EX-CN-2019**

- **Class of Station: FX**

- **Station Locations: FIXED**

- **Effective: 05/01/2019**

- **Expiration: 05/01/2020**

Note: The KRFS is designed to operate over specific frequency ranges within the range of 15.71 to 17.71 GHz. Specific operating modes are confined to the specific bands as follows:

- 15.71 to 17.71 GHz Radar: C-RAM

- 15.71 to 17.71 GHz Missile Illumination

2. Explanation

As detailed in paragraph 1 above, Raytheon seeks this application in order to allow testing and technical demonstrations of the KRFS System (Radar). JF12 09966 has been submitted for stage 4