

(AMENDED) 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: 0185-EX-CM-2020

- Class of Station: FX

- Station Locations: FIXED

- Effective: 00/01/2019

- Expiration: 09/01/2020

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

Modification from the original license

- Extended Operational radius 340 Km

- 151NNIN

- 28K4M1N

- 3M80F1D

-461MM1N

590MM1N

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