



## **Special Temporary Authority to Test Radar Instrumentation Request for 'Fee Exempt' Status**

**STA Confirmation Number: EL778345  
Form 442, File Number: 1451-EX-ST-2020**

This document is a request for 'fee exempt' status for Special Temporary Authority to Test Radar Instrumentation under form 442 file number

The application is filed by a state university (i.e., The University of Kansas) for the purpose of conducting and completing a federally-funded research grant.

The requested license is necessary to perform research under the NASA grant 80NSSC20K1077 to the University of Kansas. This grant supports work to integrate an ultra-wideband snow probing radar onto the Vanilla VA001 Unmanned-Aerial-System (UAS), which is a ultra-long endurance UAS, to measure snow thickness over sea-ice and map near-surface internal layers of snow over land-ice in polar regions.

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