



72 MHz Controller Link Upgrade for Unmanned Air Vehicle (UAV)

Request for 'Fee Exempt' Status

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This document is a request for 'fee exempt' status for 72 MHz experimental license under form 442 file number **0540-EX-PL-2011**.

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 National Science Foundation (NSF) grant **ANT-0424589** to the University of Kansas. This grant supports research and development of an uninhabited aircraft system (UAS) to provide an aerial platform for ice-penetrating radar systems developed under the same NSF grant at the Center for Remote Sensing of Ice Sheets (CReSIS), a Science and Technology Center of the National Science Foundation, at The University of Kansas. The data derived from these radars will allow scientists to better model and predict the flow of ice sheets in Greenland and Antarctica.