

Memo

To: Bureau Chief, FCC Experimental Licensing Branch

From: Tom Borgeson

Date: 5/13/2011

Re: Request for Expedited Processing of FCC File Number **0309-EX-ST-2011**

Sir,

This STA request is to support the development of a weapons system being developed by Massachusetts Institute of Technology (MIT) and funded by the US ARMY. It will be tested within 40 km of the Albuquerque, NM Double Eagle II Airport. The STA is for a link between an aircraft and a ground station to relay data from an airborne multispectral imaging camera system that is under development. The data link will employ L-3 Communications Mini TCDL equipment for bidirectional data communication between the aircraft and ground station and is the equipment that will likely be included as part of the final system.

The technology is scheduled to be integrated onto a US Army Quick Reaction Capability (QRC) airborne platform by late spring 2011. Following additional flight tests the QRC will be deployed in support of U.S. war-fighting activities by late summer, 2011.

Due to the urgent need to support U.S. war-fighting efforts in Afghanistan and elsewhere expedited processing of this STA application (**0309-EX-ST-2011**) is requested.