

From: Matthew Nering

To: Behnam Ghaffari

Date: December 05, 2013

Subject: FCC File No. 0987-EX-ST-2013

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Message:

Explanation of Request

We, the Lockheed Martin Corporation, respectfully request an extension of the Special Temporary Authorization referenced above as our pending application 0440-EX-PL-2013 remains in the FAA's coordination processes. The previous STA, File Number 0660-EX-ST-2013, Call Sign WD2XIC, which had been mutually agreed upon between Lockheed Martin and the FAA Frequency Management office, expired on An extension of the existing STA will allow the continued use of the AIFF system (AN/APX-113(V)1 "53rd") currently installed on the two (2) remaining F-16 Block 60 aircraft. In order to facilitate ongoing customer support and maintenance activities, Lockheed Martin Corporation needs to perform occasional flights with one or both of the F-16 Block 60 aircraft. The flight test activities may include (but are not limited to) verification of air vehicle systems performance, investigation and resolution of anomaly reports, and verification/validation of weapon system software maintenance updates. Some of these potential flight test activities must be performed at the military test ranges indicated in the STA request.

Use of the AIFF system's transponder and interrogator in Modes 1, 2, 3, and C, as required, will allow for the continued safe operation of these two aircraft in the NAS and test ranges specified in the request. Operation of AIFF Modes 4 and S are not required at this time. The AN/APX-113(V)1 "53rd" system is not capable of Mode 5 operation.