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June 9, 2005

Mr. John Kennedy
Federal Communications Commission
Office of Engineering and Technology
445 12th Street, SW
Washington, DC 20554

Dear Mr. Kennedy:

Lockheed Martin Corporation ("Lockheed Martin"), hereby requests a Special Temporary Authorization ("STA") to perform verification testing of the Agile Beam Radar utilized in the F-16 Block 60 Aircraft Program for sale to the United Arab Emirates (UAE). This STA is required to ensure that equipment capabilities meet the specifications and performance criteria required by the contract.

The F-16 Block 60 Program is a direct commercial sale to the UAE in furtherance of national security interests. The Department of Defense and State Department have approved the sale; contract number DP-A33994P6631. The FCC currently authorizes Northrop Grumman and Lockheed Martin to perform experimental testing on the Agile Beam Radar under experimental licenses WC2XRG and WD2XIM respectively.

Lockheed Martin has begun Standard 2 development. New capabilities introduced in Standard 2 require testing in the frequency(ies) not originally approved in WD2XIM for the following reasons: There are additional Air to Ground modes in Standard 2 including, "Fine resolution" Synthetic Aperture Radar (SAR) which require a "swept" bandwidth that exceeds the current frequency allocation; There is a need to collect flight test data to calculate the Radar False Alarm Rate; and Functional verification testing is required to determine that all modes operate as intended.

Lockheed Martin anticipates that a maximum of 3 flights would accomplish the development and verification tasks. LM is ready to begin testing as soon as authorization is granted and logistical coordination with the Department of Defense, Federal Aviation Administration or any other interested Federal organizations can be arranged.

Technical and operational information for this STA application is Classified as SECRET by the Department of Defense's F-16 Security Guide pursuant to Executive Order 12958. This information is exempt from routine declassification pursuant to its X3 status. Accordingly, pursuant to Section 552(b)(1) of the Administrative Procedure Act, 5 U.S.C. Section 552(b)(1), Lockheed Martin requests that all technical information be treated as "SECRET" for national security purposes and withheld from the public. Additional details are provided in Exhibit 4, Request for Confidentiality.

The technical information necessary to process our request can be found under SPS-14267 and in Lockheed Martin's previous FCC Experimental License file for WB9XTS (File Number 0470-EX-ST-2003). Lockheed Martin is requesting this STA in order to perform verification testing on the frequency band not previously granted under WD2XIM (FCC File Number 0058-EX-PL-2004).

The geographical area for testing will occur only over the Gulf of Mexico, within the two rectangles defined in experimental license WD2XIM: 30N, 98 W; 30N, 94W; 26,30'N, 98W; 26,30'N, 94W; and 30N, 94W; 30N, 89W; 28N, 94W; 28N, 89W. Exhibits 2 and 3 provide additional details regarding the proposed area of operation. Per discussions with the FAA, all transmissions will be oriented out to sea, away from land. In addition, the maximum altitude for testing will be 14,000 meters.

Also included in Lockheed Martin's application (Exhibit 5) is the FAA concurrence for the proposed Agile Beam radar experiment.

If you have any questions, please contact me at 703-413-5603 or Joe.Cramer@lmco.com.

Sincerely,

Joseph Cramer