

March 21, 2007

In Application of

Lockheed Martin Aerospace – Fort Worth  
P.O. Box 748  
Fort Worth, TX 76101-0748

To Operate in the 1435-1530 MHz Telemetry  
Bands to Provide Flight Testing at Texas Gulf Coast

ATTN.: Flight Test Telemetry

Lockheed Martin Aerospace (LM Aero) hereby requests Special Temporary Authority (STA) to operate in the 1435-1530MHz Telemetry Band pursuant to applicable Commission Rules. LM Aero requests that the Commission grant it temporary authority to operate on the frequency centered at 1448.5MHz commencing March 26, 2007 and ceasing operation on April 20, 2007. The actual usage days are to be determined. There are currently five (5) days of flight testing scheduled during this time period with a TBD number of ground tests. As explained below, LM Aero is filing an STA request for flight testing an F16 carried Harpoon missile. The flight test includes release of the weapon in an approved area of the Gulf of Mexico.

Grant of the instant request for STA in the 1400MHz band will enable LM Aero to perform testing required to certify this weapons system and fulfill contractual obligations. LM Aero is in the process of obtaining the consent of the relevant frequency coordinators for this area, including AFTRCC. AFTRCC has indicated its intent to forward the results of the coordination to the Commission.

In accordance with the Commission's Rules, the following is provided:

Applicants Name: Lockheed Martin Aero – Fort Worth  
Address: P.O.Box 748  
MZ 5826  
Fort Worth, Texas 76101

Type and Manufacturer  
Of Equipment: L3 Communications

Power Output: 5W

ERP: 3.5W

Emission: 1M00F7D

Frequencies: 1448.5000 MHz

Area of Operation: Fort Worth, Texas  
(South of 35N, East of 100W, North of 31N, and West of 094W )  
and Texas Gulf Coast near Matagorda, TX  
(South of 31N, East of 097W, North of 27N, and West of 094W)

Coordinates: Fort Worth: 32° 46' 47.58" N, 97° 26' 51.54" W and  
Matagorda: 28° 35' 50.00" N, 95° 58' 40.00" W

Antenna Height: Variable to 40,000' AMSL

Antenna: 0dB, Linear Blade

Antenna Gain: 0dBi

Dates of Operation: March 26, 2007 – April 20, 2007.

LM Aero requests an STA to operate on the above-referenced frequencies for a period not to exceed 30 days.

Should you have any questions regarding this matter, please contact, Don Barnett, telephone 817.777.3826 and cell 817.205.5313.

Respectfully submitted,

By: Don P. Barnett  
LM Aero – Fort Worth

cc: Darryl Holtmeyer  
Clark Hart, AFTRCC