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Federal Communications Commission
Office of Engineering & Technology
Experimental License Branch
Washington, DC 24501

Attn: John Kennedy

Re: FCC File Numbers: 0056-EX-ML-2002 & 0057-EX-ML-2002

You will find attached the response from the site personnel in Syracuse, regarding our discussions on May 19th, 2003. These conversations were relative to your discussions referencing the FCC applications with the file numbers referenced above. I contacted the site personnel and explained the stance of FAS regarding these applications and the requesting of additional frequencies. The program personnel feel the addition of the frequencies on both applications are imperative to the integration and testing of the systems being developed and delivered to the DoD. And they continue to support their requests for additional frequencies to insure the delivery of quality products to the military. These radar units are imperative to the protection and operation of the aircraft, but also to the lives of the personnel assigned to the aircraft and the personnel on the ground which these aircraft are assigned to protect.

If you or the FAS personnel have any further questions regarding these units and these requests please contact Jeff Luban at either (856) 722-5031 or (315) 456-3394.

Very Truly Yours,

Claude E. Wells
Corporate
Tech. Support Analyst

KE2XZF (0057-EX-ML-2002)

The Regional FAA (Dennis Eng & Chris Kaiteris) completed an aeronautical study on 1/8/02 for the PSTAR, FPS-117 and TPS-59 radars. Since all three radars operate in the L-Band, the regional FAA gave LMCO a list of acceptable frequencies to operate on. Claude Wells had submitted this list as an attachment to each of these applications.

It is imperative to have ten unique operating frequencies for the assurance of the quality of the PSTAR product that Lockheed Martin is trying to deliver on the contract. Without these frequencies, the integrity of the systems can not be fully tested and might compromise the ability of the system to protect the lives of the personnel.

KA2XBN (0056-EX-ML-2002)

The Regional FAA completed an aeronautical study (2002-AEA-3289-OE, Prior Study 02-AEA-15-NR) on 10/02/02. All information was submitted to the regional FAA regarding the characteristics of the radar for this study. The regional FAA approved the operation on the following frequencies: 2740, 2850 & 2895 MHz. Lockheed Martin has since applied and was granted a STA from the FCC (File Number - 0385-EX-ST-2002). LMCO has been operating on these frequencies for the past six months without interference issues.

It is imperative to have six unique operating frequencies for the assurance of the quality of the MMSR product that Lockheed Martin is trying to deliver on the U.S. Military contract. Without these frequencies, the integrity of the systems can not be fully tested and might compromise the ability of the system to track and identify airborne contacts, thus possibly endangering the lives of personnel.