

FCC Form 422, Exhibit No. 1  
Lockheed Martin Aerospace  
March 3, 2004

Item 9.

a) Lockheed Martin has contracted with the government of the United Arab Emirates to develop and test a new version of the F16 fighter aircraft. Part of this contract includes an extensive flight test program. Aircraft are monitored, and critical support is provided, by ground personnel during flight testing using data telemetry and voice communications. Test flights are performed at several locations due to airspace and ground requirements. These locations include areas in the listed states and sections of the Gulf of Mexico. Radio communication is also used during transit of the aircraft from one location to another to insure safety, monitor test systems, and maintain contact.

b) Reliable communication is critical to the safe completion of test flights. Aircraft telemetry data allows ground based engineers to monitor critical functions and performance of the aircraft and insure the test is performed safely, correctly, and efficiently through voice communication with the pilot. The URC-200 transceiver is used to provide voice communication between the ground support personnel and the aircraft.

c) The URC-200 was selected for this program to retain compatibility with radio in use on the aircraft. The significant increase in flights, expanded airspace requirements, addition of remote flight locations, and loss of some government support functions require that additional frequency assignments be requested to complete the program.