

#### **4: Government Project Description**

“This frequency authorization is in support of Project Voodoo, Contract FA8002-02-C-0397, with Air Force Materiel Command. This project supports airborne research, development, test and evaluation of avionics equipment and technologies in support of military aerial combat and other military aviation missions.”

#### **6: Description of Research Project**

“This project supports airborne research, development, test and evaluation of military avionics equipment and technologies. Extremely large amounts telemetry, test and control data need to be relayed from the aerial test platform to the ground in near real time for successful project execution. Other existing telemetry systems do not possess adequate bandwidth and data throughput to support this effort. The Common Data Link (CDL) is a full duplex, jam resistant, point-to-point, microwave communications system developed by the Department of Defense provides an interoperable, high bandwidth, digital data link for air-to-ground, air-to-surface, and air-to-satellite (relay) communications in airborne systems. CDL with the proposed frequencies, is the logical choice to support Air Force Materiel Command’s Project Voodoo. Use of CDL has been approved by the Air Force Program Office.”