

REQUEST FOR EXTENSION OF EXPERIMENTAL AUTHORITY

Lockheed Martin Corporation (“Lockheed Martin”) hereby seeks authority under Part 5 of the Commission’s rules to permit to operate a variety of transmitting equipment affixed to an aerostat platform for continued testing and development at its Akon, Ohio manufacturing facility.

Lockheed Martin is a leader in leveraging aerostat platforms for a variety of communications capabilities. Based on the positive results of recent testing at several locations for the Department of Homeland Security (DHS)/Customs and Border Patrol (CPB), Lockheed Martin has determined that it will implement a long-term test program at its Akron facility to permit it to continue to cultivate its aerostat platform capabilities.

Nature of operations.

The program is conducting testing and demonstration of an aerostat transmitter and radar system for development of a technology intended to be deployed by U.S. Government customers. The system testing and demonstration are conducted at Lockheed Martin’s Akron facility, which has FAA clearance to conduct above-the-ground operations.

The transmissions are generated from a complete aerostat system at an altitude of 800 feet AGL.