

DESCRIPTION OF OPERATIONS

Lockheed Martin Corporation (“Lockheed Martin”) hereby seeks authority under Part 5 of the Commission’s rules to permit it to enhance commercially available 5G technology with military-grade network and transmission security features. By integrating 5G with existing military communications and datalinks, warfighters can achieve more effective operations in communications-contested and denied environments and have access to data to perform their missions anywhere in the world. These solutions integrate military communications with tactical gateway capabilities and enhanced 5G technology to enable seamless, resilient, and secure connectivity and data flow across all battlefield assets.

Lockheed Martin will be conducting activities at the identified sites to test the fidelity of communications between military 5G base stations utilizing commercial off-the-shelf technology.

Mobile operations will not exceed 400 feet AGL.