

PUBLIC INTEREST STATEMENT

By the instant application (“Application”), Leidos, Inc. (“Leidos”) requests that the Commission grant a two year conventional experimental license (“License”) to permit Leidos to operate the facilities specified in the instant application.

1. Purpose of Operation

This License (a requested extension of the operations previously authorized under STA – call sign WL9XGA) will support Leidos’ integration, testing and fielding of the L3 VORTEX system in multiple aircraft that will directly support the warfighter in combat zones worldwide. The VORTEX system is a compact, secure, highly capable multi-use transceiver. It is capable of simultaneous dual-band transmission through the use of multiple waveforms. Its intended purpose is to transfer analog or digital information from sensor to shooter via an increased level of interoperability and flexibility. VORTEX is interoperable with ROVER, CDL, and virtually all UAV's, targeting pods and other waveforms. Testing pursuant to this License will occur at and around McClellan Air Force Base.

Waiver of the Station ID rules set forth at Section 5.115 is respectfully requested.

The applicable government contract information is as follows;

Customer/Agency: SOCOM
Contract No. W1 5P7T-IO-D-D420/0007
Contract POC: Dave Tattoli CIV; USARMY PEO IEWS M3
MAISR & Foxhound COR; PdM; MARSS/ PM SAI
Comm:443-861 -1937; BB:443-910-7191
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A. Ground-Based Transmissions

Temporary fixed ground-based operations within 1 km radius around the test area center point coordinates at: 38°40’4” N; 121°24’2”W.

B. Airborne Transmissions

Mobile airborne transmissions conducted within a flight pattern centered on the test area center point at 38°40’4” N; 121°24’2”W, with the furthest waypoints lying on a radius of 200km about the center point. The maximum flight ceiling planned is 5485 m (18,000 feet) above ground level (AGL). Ground elevation above sea level at the center point coordinates is 23.40m at this location. The nearest airport to the center point coordinates is within 9.7 km from the center point coordinates.

2. Stop Buzzer

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