



FCC Form 442 Exhibit 1

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Federal Communications Commission

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Application Narrative for Proposed Equipment

Proposed Program

Calspan Corporation manages and operates an aircraft flight-testing organization and an FAA approved Repair Station on the Niagara Falls International Airport located in Niagara Falls NY. This organization operates out of a Calspan owned and managed facility on the airport. Here we provide flight-testing and maintenance services to a broad range of customers including DOD, Commercial, and private entities.

The proposed program to bring GPS Signals (L1/L2) into the Calspan hanger will provide a much-needed capability allowing for the testing of GPS enabled equipment within the facility prior to flight. Many of our flight test programs require systems integration of GPS technologies into mission equipment to provide their desired GNSS capabilities. In addition nearly all of the aircraft that enter our facility for maintenance or modifications utilize GPS enabled equipment that require testing prior to flight.

Objectives

Calspan seeks to accomplish the following objectives:

1. Provide GPS signal coverage within the west side of the Calspan hanger allowing for the operation and testing of GPS enabled equipment within the hanger.
2. Provide greater efficiency for the integration and expansion of GPS GNSS signals with aircraft mission systems.
3. Allow the ability to test, troubleshoot, and repair GPS systems without having to endure the very costly time and expense of relocating aircraft and equipment outdoors.