

QUESTION 7: PURPOSE OF EXPERIMENT

File No.: 0271-EX-CN-2018

The purpose is to install and operate a GPS L1/L2 repeater assembly in Eli Lilly and Company's aircraft hangar at 2800 S. High School Road, Indianapolis, IN 46241. The purpose of the installation and operation is to supply a GPS signal within the hangar for use by the company aircraft navigation systems.

The emitting antenna will be mounted near the center of the hangar 28 feet above the hangar floor. The antenna will face the hangar floor.

The equipment will be as described below:

Manufacturer – GPS Source, Inc.

Amplifier Assembly Part Number – GPSRKL12-P110/5-NF

The amplifier assembly includes a GPS amplifier, passive antenna and panvise mount.

Active Outdoor Antenna Part Number – L1L2-2GA-PM-NF

100 Ft. of LMR 240 Coax cable with N type female connectors

Lightning Surge Protector Kit including Co-Pro, Coax Seal and 15 ft. of LMR 240 Coax cable.