

PROPOSED PROGRAM

FLIR Systems, Inc. is the designer and manufacturer of thermal imaging systems that military and law enforcement around the world use to keep people safe.

In order to ensure proper functionality of the GPS receivers in our devices, we must test them accordingly.

Based on our needs, we propose to install two GPS repeater kits in the service testing areas of our facility.

The equipment we would prefer to install is manufactured by GPS Source (64 N. Mission Dr., Pueblo West, CO 81007), which is a company that specializes in GPS products used for commercial, military, and personal GPS solutions.

The equipment to be installed is as follows:

Part number Description

2 GPS L1/L2 Signal Controller, Pedestal Mount, Passive L1/L2 Antenna,
Power 110/6.8-NF

1 GPS Splitter 2 Outputs,NF

OBJECTIVES

The specific objectives to be accomplished with the installation of these products is

- To provide our test area with re-radiated GPS signals
- To make the GPS development process more convenient and efficient for next generation devices
- To provide efficient testing of our GPS capable products that are returned for routine service

EXPERIMENTATION CONTRIBUTION

Including this technology in our devices sets the mark for similar

systems in the future and, therefore, aids in the progression GPS use in comparable systems.