



FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg, PA. 17325-7245

Application Narrative for Proposed Special Equipment Program

Proposed Program

Advanced Lancaster, LP is one of the largest Cirrus Certified Maintenance Facilities in the US. Our satisfied customers range from California to Florida. Our scope of work extends from Avionics to structural composite repair. Our company is a market leader in all facets of light composite aircraft.

At Advanced Lancaster, LP we are constantly troubleshooting and diagnosing our customers cutting edge Garmin Perspective and Avidyne Entegra avionics systems. These complex avionics systems require a GPS signal in order to be 100% functional. With the presence of a GPS signal in our maintenance hangar, we are able to quickly and efficiently repair our customer's aircraft avionics systems, all while performing maintenance and repairs on other non-related aircraft systems. Therefore, Advanced Lancaster, LP requires a GPS signal in its facility to maintain its unprecedented customer satisfaction, and the development of new applications that communicate and transfer flight data from the aircraft avionics systems.

Objectives

1. Troubleshooting and diagnosing of aircraft GPS navigation systems inside the hangar.
2. Eliminate maintenance delays due to inclement weather, or placement of other aircraft.
3. The expense of lost time and fuel costs can be saved.
4. Further design and development of applications that communicate with aircraft avionics systems.