

January 28, 2026

Elliott Aviation of the Quad Cities LLC
6601 74th Ave
Milan, IL 61264

FEDERAL COMMUNICATIONS COMMISSION
1270 Fairfield Road
Gettysburg PA 17325-7245

Application Narrative for Proposed Equipment

Objectives

Elliott Aviation integrates and tests advanced avionics systems, including GPS-based navigation, communication, and timing equipment, within hangars and maintenance facilities. Because GPS signals are weak and often blocked indoors, a GPS repeater is necessary to provide reliable satellite signals inside secure workspaces.

The use of a GPS repeater at Elliott Aviation is essential for efficient, safe, and compliant avionics testing and maintenance. It enables aircraft GPS systems to be validated indoors, reduces operational delays, enhances technician training, and ensures secure handling of sensitive avionics equipment.