



Question 4: Government Project Description

Narrative Summary

Empirical Systems Aerospace, Inc. (“ESAero”) is a U.S. aerospace company that designs, manufactures, and tests unmanned aerial vehicles (“UAV”) for a variety of U.S. customers both commercial and military. ESAero is located in San Luis Obispo, CA with approximately 65 employees.

ESAero is applying for this license in order to re-radiate GPS signal(s) indoors within their San Luis Obispo Facility. This capability will allow the engineers to conduct a greater amount of testing within the safe and controlled environment that the indoors provides, rather than relying on the availability of outdoor test ranges and cooperation of the weather. ESAero intends to re-radiate the GPS signal(s) with as little power as possible to complete the task.

September 23, 2020