



June 17, 2026

Subject: Statement of Research Project for Application File No. 0658-EX-CN-2026

To Whom It May Concern:

In support of the application for Conventional Experimental License, file number 0658-EX-CN-2026, please find below the Statement of Research Project corresponding to Question 6 of the application.

a. Description of the nature of the research project

The objective of this research project is to establish a proven and affordable capability to rapidly plan and execute testing that evaluates and analyzes counter-UAS (C-UAS) systems against representative target sets in realistic and complex environments. The outcome of this effort includes developing and publishing standards for C-UAS test metrics, building test range facility infrastructure, and developing UAS target technologies necessary to support standardized evaluations.

b. Showing that the requested communications facilities are necessary for the research project

We request this license to support **ground** operational use of the Echodyne EchoFlight radiolocation system. This system is essential for generating the data required to develop reliable C-UAS test metrics and to support the development of UAS target technologies. The EchoFlight radar provides critical radiolocation information that is fundamental to the research objectives and cannot be replicated by other means.

c. Showing that existing communications facilities are inadequate

There are currently no other authorized K-band radiolocation systems available at this research location that can meet the requirements of this project. A key component of the research involves establishing standards to measure the effectiveness of C-UAS technologies—such as the EchoFlight radar itself—making it necessary to employ this specific system for testing and evaluation.

Sincerely,

Christopher Rathman
Research Engineer, OAIRE

