

This license application is submitted in support of Department of Homeland Security, Customs & Border Protection (CBP) requested/sponsored testing of the C Speed LightWave Radar as a potential sensor for detecting low flying aircraft along the US border - in this case, along the Canadian border. Said testing is scheduled for later this year.

This project is focused on the demonstration and testing of a new radar system for military and civilian applications. It is being conducted to support requirements expressed to us by several United States departments and agencies – including DoD, DHS, and FAA. The objective of this effort is to demonstrate the capabilities of the radar system by emitting and receiving skin returns from non-cooperative airborne targets of interest. This cannot be accomplished in a laboratory environment. As such, the field testing is necessary. As this system is not a radio associated with communications, it will not contribute in this area – however, will contribute to national air safety and development as a radar system for legacy upgrade and new installation.