

## Narrative Statement

Aerostar International is seeking a conventional experimental license for the development of our radar products. We would like to use our current F-Series radar system that makes use of a Furuno transmitter and scanner (FCC ID: ADB9ZW RTR07 ) as a baseline to compare our development efforts with our HiPointer series of solid state radars under development. Our program of experiment would include transmitting of both a F-Series radar and an HiPointer radar at the same time and monitoring the tracking and target identification of both radar systems. Our goal is to qualify our new hardware designed and develop our algorithms using the doppler information available in the signal from the HiPointer radar systems to enhance our ability identify and track targets over that of the current state of art for a traditional pulsed radar.