

The goal of this project is to create a lightweight radio for use in small aircraft. It was requested by the FAA that I work initially with the FCC by way of a 'development or experimental license', before attempting to get the equipment TSO'd to Aviation standards

The intent is to utilize Software Defined Radio to create a small, and low cost voice communication and transponder radio.

The hope is to make this a completely compatible radio with the existing communication infrastructure in place, matching protocol, frequency tolerances and output power required by the FAA.