

From: Richard Schultz

To: Jose Trevino

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Subject: FCC File# 0047-EX-ST-2007

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Message:

Description of the Experiment:

We wish to develop a lab-based (i.e., stationary) ground station monitor to visualize ADS-B communications from equipped airplanes using the Google Earth interface. Eventually, an ADS-B payload will be designed and built for small unmanned aerial vehicles (wingspan less than 16 feet), but we wish to visualize ADS-B equipped airplanes around the Grand Forks airspace in the laboratory first.