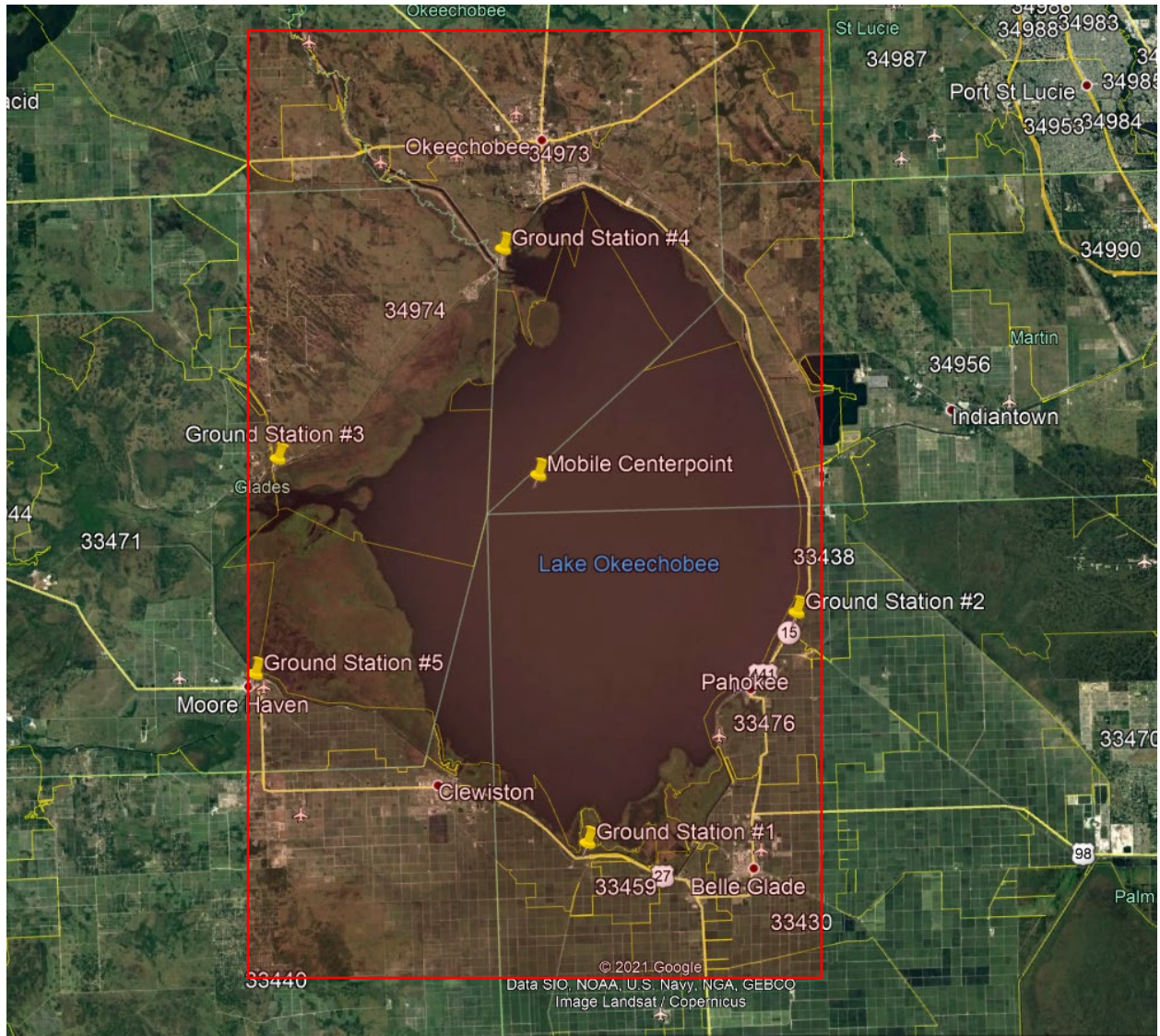


EXHIBIT 1 DESCRIPTION OF EXPERIMENT

Rockwell Collins, Inc. ("Collins"), a Raytheon Technologies Corporation business, proposes to conduct a single experiment using aviation Mode S transponders around Lake Okeechobee in Florida.

The experiment involves 5 fixed ground transmitters located around the lake operating at 1090 MHz and 1 test aircraft using a transmitter operating at 1030 MHz within a rectangular area shown in red below. The ground transmitters will only communicate with the test aircraft, and not with each other or other aircraft in the area.



Collins is currently working closely with the FAA Spectrum Engineering Office to coordinate frequency usage. For questions regarding FAA coordination of this license, please contact Vaibhav Shah at Vaibhav.Shah@faa.gov.

The stop buzzer point of contact is:

Robert Herring
Tel: (239) 738-9557
robert.herring@collins.com