

DESCRIPTION OF EXPERIMENTATION

Lockheed Martin Corporation (“Lockheed Martin”) hereby seeks experimental authorization under Part 5 of the Commission’s rules to permit to test and develop radio communication equipment on its Indago family of unmanned aircraft.

Specifically, Lockheed Martin requests authority to test command and control functionality within the Indago platform on S-band channels. Operations will be conducted in and around the Lockheed Martin integration facility in Vineyard, Utah. These tests are in support of deliveries to both U.S. Government and commercial customers.

Lockheed Martin has already coordinated for use of the subject frequencies with the Aerospace and Flight Testing Radio Coordinating Council (“AFTRCC”). The relevant frequency assignment records are attached to this instant application.