

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 conduct telemetry operations and to flight test command and control functionality with the Indago platform. Operations will be conducted in and around the Lockheed Martin integration facility in Vineyard, Utah.

These tests are in support of deliveries to the Swiss Confederation Federal Office for Defence Procurement. The contract with the Swiss Government explicitly requires C-band functionality in the range of 4400-4940 MHz. Lockheed Martin has accordingly selected discrete frequencies in order to minimize the impact on any adjacent operations.