

REQUEST FOR EXTENSION OF EXPERIMENTAL AUTHORITY

Lockheed Martin Corporation (“Lockheed Martin”) holds experimental STA under Call Sign WN9XEB (File No. 1294-EX-ST-2018) to operate on the frequencies that are the subject of this request. Under its STA, Lockheed Martin conducted preliminary testing to determine the feasibility of two different radios for providing command-and-control communications capabilities for its Indago unmanned aerial system (UAS) platform.

Based on the positive results of its preliminary testing at and around its Utah testing facility, Lockheed Martin has determined that it will implement a long-term development program with the objective of testing further integration of the radio units in its Indago platform.

Accordingly, pursuant to 5.61(c) of the Commission’s Rules, Lockheed Martin respectfully requests continued authority under the terms of its STA, for which it seeks a conventional license for a period of 24 months.

Nature of operations.

As noted in its initial STA request, the program is conducting testing of command-and-control functionality of updated radio equipment within its Indago UAS platform. Operations continue to be conducted in and around its UAS integration locations in Utah. These tests are in support of deliveries to both U.S. Government and commercial customers.