

DESCRIPTION OF OPERATIONS

Lockheed Martin Corporation ("Lockheed Martin") hereby seeks experimental authority pursuant to Part 5 of the Commission's rules to permit it to operate L-band radios in support of a Lockheed Martin internal research and development program. Lockheed Martin is advancing this technology in preparation for future sales under contract to U.S. military and other military users.

The purpose of these operations is to test and develop a communications architecture. Two methods of testing will be performed: the first, in a laboratory environment using RF cabling and attenuators between the outputs of the radios; the second, as open-air testing at a secondary location. All of the proposed operations will be conducted at Lockheed Martin facilities in and around Orlando, FL; only Lockheed Martin personnel will have access to the subject equipment.