

DESCRIPTION OF OPERATIONS

Lockheed Martin Corporation ("Lockheed Martin") hereby seeks authority under Part 5 of the Commission's rules to permit it to conduct radar testing at its own manufacturing facility in Sunnyvale, CA. Operations will be conducted well within the confines of the Lockheed Martin facility and should not pose a risk of interference to third parties.

Specifically, the technology under review is intended to provide initial cue to gimbaled EO/IR sensor for tracking dynamic targets such as small boats and UAVs at ranges within 5 km. The field of view of the EO/IR sensor is too small in order to initially locate these sorts of targets in a timely manner; accordingly, operations under this authorization will help improve this capability.