

From: David Jardine

To: Behnam Ghaffari

Date: April 29, 2008

Subject: FCC File No.0233-EX-ST-2008

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Message:

All of the requested information has been added as attachments to the original filing. I have also included the info in this response.

The TPS-79 Transportable Surveillance Radar provides air defense, air traffic control and coastal surveillance of air targets including air carrier, military, air taxi and general aviation aircraft in various ground, weather and anomalous propagation clutter environments. The TPS-79 consists of an S-Band Primary Surveillance Radar and a commercial L-Band off the shelf Secondary Surveillance Radar.

The customer of this radar is the Romania Ministry of Defense. The contract number is: 02-740-2007.

Specifically, system operations at the Lockheed Martin Syracuse, NY test facility involve the manufacturing, integration and test for customer acceptance of each production radar unit. No technical parameters are altered while radiation and operational characteristics of the radar are verified as per specification.

The TPS-79 product is already in domestic operational inventory for the US Marine Corp and US Navy. Internationally, the TPS-79 is operational in Columbia, and Romania. The Romania MOD is currently under contract to procure 17 new production units along with Morocco under contract to procure 3 TPS-79 units as well. At present, numerous bids and proposals are being pursued in anticipation to produce more TPS-79 Radars around the world in accordance with ITAR.

The search volume of the TPS-79 Radar is:

Detect targets out to 190 kilometers (range extent)

Rotation/Radiation 0-360 degrees in azimuth (unless blanking restrictions required)

Detect targets up to 10,000 meters height

Detect targets up to 35 degrees elevation coverage

The needed start date for this license is 5/9/08.