

ARCHIVED REPORT

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TPS-79

Outlook

- The TPS-79 is a transportable, 3-D, mid-range air surveillance radar manufactured by Lockheed Martin
- No production is forecast
- Barring further activity, this report will be archived in October 2013

Orientation

Description. The TPS-79 is a transportable, 3-D, mid-range air surveillance radar manufactured by Lockheed Martin.

Sponsor

Lockheed Martin Mission Systems & Sensors

Syracuse, NY 13221-4840

United States

Tel: + 1 (315) 456-1990

Web Site:

<http://www.lockheedmartin.com/ms2/index.html>

Status. Available for sale.

Application. Air surveillance.

Price Range. The average cost of a single TPS-79 radar is \$10 million. This figure is highly speculative, as no official pricing information has been released.

Contractors

Prime

Lockheed Martin Mission Systems & Sensors - Syracuse	http://www.lockheedmartin.com , 6417 Deere Rd, Syracuse, NY 13206-1304 United States, Tel: + 1 (315) 456-0123, Prime
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Comprehensive information on Contractors can be found in Forecast International's "International Contractors" series. For a detailed description, go to www.forecastinternational.com (see Products & Samples/Governments & Industries) or call + 1 (203) 426-0800.

Contractors are invited to submit updated information to Editor, International Contractors, Forecast International, 22 Commerce Road, Newtown, CT 06470, USA; rich.pettibone@forecast1.com

TPS-79

Technical Data

	<u>Metric</u>	<u>U.S.</u>
Instrumental Range	111 km	60 nm
Peak Power	11 KW	11 KW
Pulsewidth	5 usec-120 usec	5 usec-120 usec
MTBF	1,200 hours	1,200 hours

The TPS-79 is a modern solid-state commercial off-the-shelf radar that provides 3-D medium-range capability. The radar operates in the S-band and performs well in high-clutter environments.

The TPS-79 can be transported by a HMMWV, a C-130, a CH-53, or a cargo ship. The system can be set up in about 45 minutes.



The TPS-79

Source: Lockheed Martin

Program Review

On March 11, 2008, Lockheed Martin announced that it had signed a contract with Romania's Ministry of Defense to coproduce 17 TPS-79 radar systems. Under this contract, Lockheed Martin is building the radar components and subassemblies for these systems at its

Syracuse, New York, facility. A Romanian company, UTI Systems SA, will provide additional components, and its employees will participate in radar integration and testing in both Syracuse and Romania.

Contracts/Orders & Options

<u>Contractor</u>	<u>Award (\$ millions)</u>	<u>Date/Description</u>
Lockheed Martin	Unknown	Mar 2008 – Contract from Romanian Ministry of Defense for the coproduction of 17 TPS-79 radar systems.

Timetable

<u>Month</u>	<u>Year</u>	<u>Major Development</u>
	2002	Romania's Ministry of Defense awards Lockheed Martin a contract to produce two prototype TPS-79 radar systems
Mar	2008	Lockheed Martin signs a contract with Romania's MoD to coproduce 17 TPS-79 radar systems for Romania

Worldwide Distribution/Inventories

Forecast International believes that **Romania** is the only country to have procured the TPS-79.

Forecast Rationale

The TPS-79 is a transportable, 3-D, mid-range air surveillance radar manufactured by Lockheed Martin.

Lockheed had signed a contract to produce the TPS-79 for Romania.

The last publicly available information regarding the TPS-79 radar was a March 2008 announcement that

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