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FPN-67

Outlook

- The FPN-67 is a ground-based precision approach radar manufactured by Raytheon
- No production is forecast

Orientation

Description. The FPN-67 is a ground-based precision approach radar. The FPN-67 is manufactured by Raytheon Company.

Note: *The FPN-67 is also known as the fixed-base precision approach radar or FBPAR.*

Sponsor

Raytheon Network Centric Systems
Command and Control Systems
Air Traffic Management
E-mail: atmsolutions@raytheon.com

Status. In production and service.

Application. Assists the aircraft with precision approach and landing.

Price Range. The price of a single FPN-67 ranges between \$4 million and \$7 million.

Contractors

Prime

Raytheon Network Centric Systems, Command and Control Systems (C2S)

<http://www.raytheon.com/businesses/ncs/c2s/index.html>, 1001 Boston Post Rd East, Marlborough, MA 01752-3789 United States, Tel: + 1 (508) 490-1000, Prime

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

FPN-67

Technical Data

Range Coverage:	15 nm
Azimuth Coverage:	±15°
Elevation Coverage:	-1° to +6°
Processing:	Adaptive Moving Target Detection
Update Rate:	<1 second
Accuracy:	Azimuth: 0.34° Elevation: 0.23° Range: 88 ft
Probability of Detection:	90% (1 m2 target at 10 nm in rain)
System MTBCF:	>1,700 hr
System MTTR:	30 min
System Availability:	98%

Program Review

On August 24, 2006, Raytheon announced that it had received a contract from the United States Army to manufacture, test, and deliver nine FPN-67 fixed-base precision approach radar (FBPAR) systems (see **Contracts/Orders & Options**). Under this contract, Raytheon would also supply up to 30 TPN-31 Air

Traffic Navigation, Integration and Coordination Systems (ATNAVICSS).

In September 2008, the U.S. Pentagon announced that the U.S. Army had given Raytheon a contract for an ATNAVICSS and an FPN-67 FBPAR (see **Contracts/Orders & Options**).

Contracts/Orders & Options

<u>Contractor</u>	<u>Award (\$ millions)</u>	<u>Date/Description</u>
Raytheon Company	\$200.00	Aug 2006 – Raytheon announces contract from U.S. Army with a potential value of \$200 million (if all options exercised) to manufacture, test, and deliver up to 30 TPN-31 Air Traffic Navigation, Integration and Coordination Systems (ATNAVICSS) and 9 FPN-67 fixed-base precision approach radar (FBPAR) systems over a five-year period (until 2011).
Raytheon Company	\$7.55	Sep 2008 – U.S. DoD announces firm-fixed-price contract from U.S. Army for an ATNAVICSS and FPN-67 FBPAR. Work is scheduled to be completed Sep 9, 2010. CECOM Acquisition Center, Fort Monmouth, NJ, is the contracting activity. (W15P7T-06-G-B601)

Timetable

<u>Month</u>	<u>Year</u>	<u>Major Development</u>
Aug	2006	Raytheon announces U.S. Army contract for 9 FPN-67 FBPAR systems and up to 30 TPN-31 ATNAVICSs
Sep	2008	U.S. DoD announces U.S. Army contract for ATNAVICS and FPN-67 FBPAR

Worldwide Distribution/Inventories

The **United States**.

Forecast Rationale

The FPN-67 is a ground-based precision approach radar system manufactured by Raytheon.

Defense in September 2008 from the U.S. Army. No production is forecast.

The last publicly disclosed activity regarding Raytheon's FPN-67 was a contract announced by the Department of

Barring further activity, this report will be archived in August 2011.

Ten-Year Outlook

With no production forecast, the **Ten-Year Outlook** chart has been eliminated.

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