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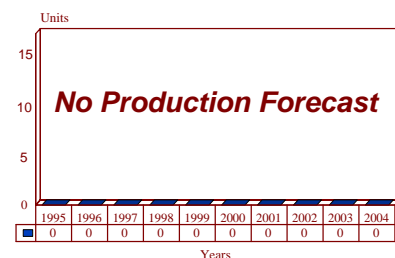
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ASN-132 - Archived 8/97

Outlook

- Production has been completed
- Spares activity continues only

10 Year Unit Production Forecast
1995-2004



Orientation

Description. Integrated Inertial Navigation System (IINS).

Sponsor

US Army
Communications - Electronics Command
Fort Monmouth, New Jersey (NJ)
USA

Contractors

Litton Guidance & Control Systems
5500 Canoga Ave
Woodland Hills, California (CA)
USA
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Status. Major production complete; spares activity only.

Total Produced. An estimated total of 90 units were produced.

Application. EH-60 helicopters.

Price Range. Unspecified.

Technical Data

Design Specifications. The ASN-132 is an airborne integrated inertial navigation system designed to improve the navigation capabilities of the US Army EH-60A QUICK FIX II Special Electronic Mission Aircraft

(SEMA). The ASN-132 was constructed using a standard inertial measuring unit and multifunction display developed for the Air Force, which was combined with the US Army UYQ-19 computer.

Variants/Upgrades

No variants or upgrades have been identified.

Program Review

Background. Design work on the ASN-132 began in the early 1980s, and the installation of an ASN-132 prototype model aboard a YEH-60A occurred in 1982. Software specifications for the system were completed in 1983. Also in 1983, the Litton Guidance & Control Systems Division received \$0.5 million toward completion of initial contract funding.

The ASN-132 Integrated Inertial Navigation System must be as reliable and accurate as possible to

effectively accomplish the specific missions of surveillance reconnaissance and target acquisition under varying weather conditions, while operating within an ECM environment. Engineering development models were procured and US Army unique testing and evaluation was started at this time; development and operational testing was completed in 1987. RDT&E funding for the ASN-132 was discontinued in FY87, after a program cost of \$9.2 million..

Funding

Spares funding for the ASN-132 is contained within Army Operations & Maintenance accounts.

Recent Contracts

No recent contracts have been identified.

Timetable

1981	Design and fabrication of the IINS interface with EH-60A flight instruments
1982	Installation of ASN-132 IINS prototype model in YEH-60A
1982	Contract for integration in two UH-60A helicopters
1984	Development acceptance in-process review for the IINS and refurbishment of four engineering development models for EH-60As
1985	Initiated production contracts
1986	US Army evaluation of ASN-132 commenced
1989	Completion of orders for EH-60A

Worldwide Distribution

The EH-60A QUICK FIX II is unique to the **US Army**.

Forecast Rationale

The US Army procured the ASN-132 for use aboard the Special Electronic Mission Aircraft variant of the UH-60 Black Hawk, the EH-60A. The total number of units procured was for 76 EH-60A QUICK FIX II series aircraft (40 UH-60 conversions and 36 new-production EH-60s),

plus spares. There remains no known program for the installation of the ASN-132 onboard other Army SEMA aircraft such as the RC-12, the OV-1/EV-1, or RV-1. The Army took delivery of the last of the EH-60A helicopters in 1990.

Ten-Year Outlook

Litton will continue to provide spares to support the small number of ASN-132 system in use. Barring a surge in activity over the next 12 months, this report will be discontinued.

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