

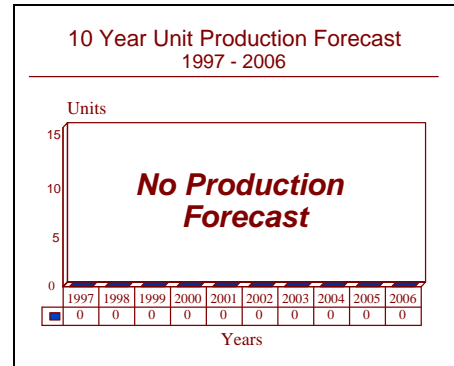
# ARCHIVED REPORT

For data and forecasts on current programs please visit  
[www.forecastinternational.com](http://www.forecastinternational.com) or call +1 203.426.0800

## ASA-70 - Archived 2/98

### Outlook

- Production completed
- Transitioning to spares support for remainder of decade



### Orientation

**Description.** Airborne Tactical Display System.

**Sponsor**

US Navy  
Naval Air Systems Command (NAVAIR)  
Washington, DC  
USA

**Contractors**

Anacomp Inc  
Datagraphix Division  
San Diego, California (CA)  
USA  
(Prime: development/production)

**Status.** Production was completed in 1995; only spares support activity is ongoing.

**Total Produced.** Through 1995, over 308 systems had been procured.

**Application.** Tactical displays for P-3 console operators.

**Price Range.** Unknown.

### Technical Data

**Design Features.** Datagraphix designed the ASA-70 specifically for the P-3C aircraft. The system combines computer-generated tactical data from multiple sources with stored data to produce an integrated display that aids the aircraft tactical coordinator, along with the pilot, to speed response in a developing ASW situation.

The system consists of two multipurpose CRT displays, two power supply units, and an auxiliary readout unit. The equipment displays alphanumeric symbols, tactical configurations, radar, and television patterns as required for the tactical coordinator and other crew members of the P-3C.

### Variants/Upgrades

ASA-70A. The ASA-70A is the most current variant identified, but specific details are not available.

## Program Review

**Background.** The ASA-70 tactical display group was developed by Stromberg Datagraphix (now a division of Anacom Inc) in the late 1960s for the US Navy's P-3C Orion ASW patrol aircraft. Deliveries began in 1971.

## Funding

---

No recent funding has been identified.

## Recent Contracts

---

<u>Contractor</u>	<u>Award (\$ millions)</u>	<u>Date/Description</u>
Datagraphix	6.3	Jan 1988 - FFP contract for nine ASA-70 tactical displays for US Navy (seven) and Norwegian (two) P-3 Orion Anti- Submarine Warfare aircraft. Combines purchases for USN (79.4 percent) and Norway (20.6 percent) (N00019-87-C- 0067).
Datagraphix	2.6	Sep 1989 - ASA-70A Tactical Display Groups (N00019-87- C-0067).

## Timetable

---

1968	ASA-70 development began
1969	P-3C entered USN service
1971	ASA-70 production deliveries began
1984	Introduction of P-3C Update III into fleet service
1990	Navy studying new P-3 and modified P-3 as LRAACA
1991	Final P-3 roll-out from Lockheed's Burbank facilities
1994	Roll-out of first South Korean P-3C
1995	Delivery of eighth and last South Korean P-3Cs

## Worldwide Distribution

---

Australia (Air Force) - 20 P-3Cs  
 Netherlands (Navy) - 13 P-3Cs  
 Norway (Air Force) - 2 P-3Cs  
 Pakistan (Air Force) - 3 P-3Cs  
 South Korea (Navy) - 8 P-3Cs  
 United States (Navy) - 272 P-3Cs

## Forecast Rationale

ASA-70 has come to the end of its production days, with the order for eight P-3Cs having been delivered to the Republic of Korea in 1995. Any further export orders for the P-3C will be filled by the transfer of surplus US Navy craft. Kawasaki will continue to build the Orion under license in Japan, with this program expected to run through 1997.

The fading out of ASA-70 reflects the waning influence of ASW technology. New higher-priority programs go beyond traditional ASW activity, and handle ASuW (anti-surface warfare) concerns as well. An upgrade effort that will equip about 70 P-3Cs with additional systems for anti-surface warfare (ASuW) missions is under way. The US Navy is trying to salvage its plans for the P-3 fleet, centering upon upgrading all remaining P-3Cs to the Update III configuration. The new configuration does not

employ the ASA-70. It features new technology that encompasses, and surpasses, ASA-70 capabilities.

One such new-technology project, called BEARTRAP, uses developmental and prototype hardware and software installed in specifically configured P-3C aircraft to collect data, as well as ground facilities to conduct post-mission analysis of this information. BEARTRAP is being used to develop new prototype acoustic recorders, full-spectrum acoustic and nonacoustic signal processing algorithms,

acoustic intercept receivers, advanced data displays, automatic calibration, ASW tactics and advanced sensors.

There has been talk of extending the P-3's service life. In October 1994, the Royal Air Force announced its interest in procuring several of the aircraft from desert storage. Lockheed has offered to the Royal Air Force Strike Command a variant called the P-3 RMPA to replace the Nimrod. The P-3 RMPA would be built by Lockheed teamed with UK suppliers, for delivery in early 2001. These craft, however, would not incorporate the ASA-70.

## Ten-Year Outlook

---

Since the end of 1995, production has transitioned to spares support. Should this condition remain unchanged, this report will be dropped from future supplements.

\* \* \* \*