



## Description

The newest Arleigh Burke-class destroyers are considered to be the most capable and survivable surface warships.

## Wars and other Military Operations

DDG-51s have been used in current Iraq War (2003)

## Weapons

BGM-109 MK-45 MK-50 RIM-7M RIM-66  
(For details, see "Bombs, Guns and Missiles," pp. 32-37.)

## Prime

**CPP Investment** ✓

## Contractors

(See pp. 6-7)

**Northrop Grumman, Litton Ingalls Shipbuilding (USA)**

## Canadian Parts and Services

The following is a partial list of Canadian companies and the parts and/or services they provided for the DDG-51:

**Indal Technologies:** (1) Horizon Reference Systems & double-track Recovery Assist, Secure and Traverse systems, (2) Watertight cargo access doors and actuating systems

**Interactive Circuits and Systems Ltd:** sonar upgrade program for the guided missile (DDG) class of destroyers

**MIL Davie Inc:** Sonar domes

**Pivotal Power:** uninterruptible power systems & batteries

**Securiplex** (subsidiary of **SNC-Lavalin**): microprocessor-based damage control system equipment



## Description

The E-3 is an Airborne Warning And Control System (AWACS) aircraft, used to detect and monitor an enemy's air activity and to direct fighter planes. It is a mobile, air battle management and command, weapons control, communications and intelligence headquarters. Data is displayed in graphic and tabular format on video screens for console operators.

## Wars and other Military Operations

E-3s have been used in at least the following wars and military operations:

South Korea (1979-1980), Saudi Arabia (1979-1989), Libya (1983), Iran (1984), Panama (1989), Iraq (1991), Iraq (1991-1996), Iraq (1992-present), Yugoslavia (1999), Afghanistan (2001-2003) and Iraq (2003). (See page 31.)

## Canadian War Shows

The E-3 has "performed" for audiences at Canadian "air shows," including the following:

Cold Lake (AB), Quinte (ON), Saskatoon (SK), Toronto (ON) and Winnipeg (MB).

**Prime Contractor:** **CPP Investment** ✓

**Boeing Aerospace Co. (USA)** (See pp. 6-7)

## Canadians Onboard

**Photo:** Tinker Air Force Base, Okla. (AFPN) "One of five E-3 Sentry AWACS aircraft receives a traditional hosing-down upon returning here April 28 [2003]. The aircraft carried approximately 180 members from the 552nd Air Control Wing — the wing's Canadian component — and 513th Air Control Group reservists. The units were deployed supporting operations Enduring and Iraqi Freedom." (Air Force photo by Airman K.L. Kimbrell) Web: [www.af.mil/search/media.asp?mediaID=5963&media](http://www.af.mil/search/media.asp?mediaID=5963&media)

For decades, Canadian Air Force crews have been assigned to duty on various US warplanes. Through one such "exchange program," Canadian officers working aboard E-3s have been directly involved in the command and control of the 2003 war in Iraq.

For more info. on this Canada-US military exchange program, see "The AWACS Canadian connection," Air Combat Command News Service, April 16, 1999. Web: [www2.acc.af.mil/acnews/apr99/990122.html](http://www2.acc.af.mil/acnews/apr99/990122.html)

## Canadian Parts and Services

The following is a partial list of Canadian companies and the parts and/or services they provided for the E-3:

**CAE Military Training and Simulation:** operational flight simulation devices so crew can practice takeoffs, landings, aerial refuelling and emergency procedures.

**DRS Flight Safety and Communications:** radio navigation equipment

**Fag Bearings Ltd:** unmounted, antifriction bearings

**Héroux-Devtek:** repair, overhaul and modifications of landing gear and components

**Litton Systems Canada:** radar control & display program

**Xwave Simulation and Training:** AWACS battle-management communications scenarios