AH-64 "Apache"

Description

The AH-64 is the U.S. Army's primary attack helicopter. It is used to destroy, disrupt or delay enemy forces during the day, night or during adverse weather conditions.

Wars and other Military Operations

AH-64s were used in at least the following wars and military operations: Panama (1989-1990), Iraq (1991), Yugoslavia (1995-1996), Iraq (1991), Yugoslavia (1999), Afghanistan (2001-present) and Iraq (2003). (See page 31.)

Weapons

The AH-64's principal mission is the destruction of "high-value targets." Its weapons systems include the following:

M230	AGM-114	AIM-9
Hydra-70	AGM-122	AIM-92

(For details, see "Bombs, Guns and Missiles," pp. 32-37.)

Canadian War Shows

The AH-64 has "performed" for audiences at Canadian "air shows," including one in Saskatoon (SK).

Prime Contractors: CPP Investments✓

(See pp. 6-7)

Boeing McDonnell Douglas Helicopter Systems (USA), **General Electric** (USA) and **Martin Marietta** (USA).

Canadian Parts and Services

The following is a partial list of Canadian companies and the parts and/or services they provided for the AH-64:

ATI Technologies: graphics processor for flight simulators

BAE Systems Canada Inc: Circuit card assembly

Bristol Aerosopace: 70mm (2.75 inch) rockets and Wire Strike Protection System

CAE Electronics: upgrading Combat Mission Simulators

Canadian Commercial Corp. (companies undisclosed):
• Aircraft Ground Servicing Equipment
• Engine Instruments

Cercast: castings

CMC Electronics: (1) Circuit card assembly, (2) indicator panel, (3) systems to control voice & data transmission

Derlan Aerospace Canada: develop and test new "split-torque" face transmission gears

Litton Canada: instrument displays

Magellan Aerospace: Aeroengine components and/or Airframe-mounted components

Northrop Grumman, Canadian Operations: (1) a computer to integrate fire control and targeting operations for all onboard weapons; (2) Intelligent Keyboard for Airborne Data Entry, (3) LED displays and rugged flat panel display systems providing situational awareness

Northstar Aerospace: Transmission system

Virtual Prototypes Inc.: software tools to prototype and deploy the avionics instruments