



Description

This multirole, long-range bomber can fly intercontinental missions without refuelling, and then penetrate sophisticated enemy defences. It evades radar by flying low at near-sonic or supersonic speeds. It was probably the first warplane designed to have “stealth” characteristics. Until 1991, it was dedicated to fighting nuclear war. Converting the B-1B to conventional weapons began in 1993 and ending in 1997.

Wars and other Military Operations

B-1Bs have been used in at least the following wars and military operations:

Iraq (1998), Yugoslavia (1999), US (2001-present), Afghanistan (2001-2003) and Iraq (2003). (See page 31.)

Weapons

AGM-89	BLU-109	GBU-27	MK-82
AGM-129	CBU-87	MK-36	JDAM
AGM-154	CBU-89	MK-62	TSSAM
AGM-158	CBU-97	MK-65	WCMD

Nuclear: The B-1B was formerly tasked to carry nuclear bombs using the AGM-69 and AGM-86B and the B28, B43, B61, and B83 free-fall nuclear bombs. These are no longer permitted on the B-1B under the START nuclear arms control agreement.

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

Canadian War Shows

B-1Bs have “performed” for audiences at Canadian “air shows,” including the following:

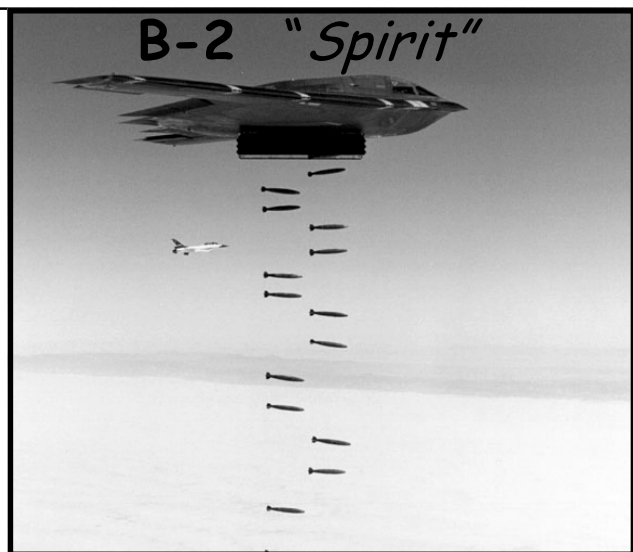
Abbotsford (BC), Cold Lake (AB), Hamilton (ON), Lethbridge (AB), London (ON), Shearwater (NS), Ottawa (ON), Quebec (QC), Toronto (ON), Winnipeg (MB)

Prime Contractor **CPP Investment** ✓
Rockwell International (USA) (See pp. 6-7)

Canadian Parts and Services

The following is a partial list of Canadian companies and the parts and/or services they provided for the B-1B:

- Haley Industries:** Castings
- Héroux-Devtek:** landing gear components



Description

The B-2 is a multirole Intercontinental Strategic Bomber. Stealth technology allows it to evade radar, penetrate enemy air defences and attack strategic targets undetected. It was originally developed during the Cold War to carry out nuclear attacks against the Soviet Union. Its role still includes the use of nuclear weapons.

Wars and other Military Operations

B-2s have been used in at least the following wars and military operations:

Yugoslavia (1998), Yugoslavia (1999), Afghanistan (2001-present) and Iraq (2003). (See page 31.)

Weapons

The B-2 can carry up to 40,000 lb. of weapons, including:

AGM-69	AGM-154	CBU-97	MK-62
AGM-86	AGM-158	GBU-27	MK-82
AGM-129	AGM-169	GBU-36	MK-84
AGM-129	B61 & B83	GBU-37	JDAM
AGM-131	CBU-87	M117	
AGM-137	CBU-89	MK-36	

Nuclear: B-2s are part of the current nuclear war fighting strategy. They can launch nuclear-capable AGM-69, -86, -129, -131 missiles, and carry B61 and B83 nuclear bombs. (For details, see “Bombs, Guns and Missiles,” pp. 32-37.)

Canadian War Shows

B-2s have “performed” for audiences at Canadian “air shows,” including the following:

Abbotsford (BC), Ottawa (ON), Toronto (ON).

Prime Contractor **CPP Investment** ✓
Northrop Grumman Corp. (USA) (See pp. 6-7)

Canadian Parts and Services

The following is a partial list of Canadian companies and the parts and/or services they provided for the B-2:

DY 4 Systems: single board computer, digital signal processor and analog-to-digital/ digital-to-analog I/O board for Pilot Alert System:

- Hypernetics Limited:** wheel speed transducer components
- Virtual Prototypes Inc.:** software tools to prototype and deploy the avionics instruments.