



United States Navy

Fact File

U.S. Navy Fact Sheet

T-45A Goshawk training aircraft

Description

The T-45A Goshawk is a tandem-seat, carrier capable, jet trainer whose mission is to train Navy and Marine Corps pilots.

Features

The T-45A aircraft, the Navy version of the British Aerospace Hawk aircraft, is used for intermediate and advanced portions of the Navy/Marine Corps pilot training program for jet carrier aviation and tactical strike missions. The T-45A has replaced the T-2 Buckeye trainer and the TA-4 trainer with an integrated training system that includes the T-45A Goshawk aircraft, operations and instrument fighter simulators, academics, and training integration system. There are two versions of T-45 aircraft currently in operational use at this time, the T-45A and T-45C derivatives. The T-45A, which became operational in 1991, contains an analog design cockpit while the new T-45C (began delivery in December 1997) is built around a new digital "glass cockpit" design.



Point Of Contact

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General Characteristics

Primary Function: Training platform for Navy/Marine Corps pilots.

Contractor: Boeing Company.

Date Deployed: First flight, April 1988; Operational, 1991.

Unit Cost: \$17.2 million.

Propulsion: Rolls Royce F405-RR-401 turbofan engine with 5,527 pounds thrust.

Length: 39 feet 4 inches (11.98 meters).

Height: 13 feet 6 inches (4.11 meters).

Wingspan: 30 feet 10 inches (9.39 meters).

Weight: Take-off maximum gross, 13,500 pounds (6,075 kg); empty 9,394 pounds (4,261 kg).

Airspeed: 645 miles per hour (1038 km per hour).

Ceiling: 42,500 feet.

Range: 700 nautical miles (805 statute miles, 1288 km).

Crew: Two (instructor pilot, student pilot).

Armament: None.

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