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# B-17

## Aluminum Overcast

### FACT SHEET



**DESIGNED BY:** Boeing Company, Seattle, Washington

**BUILT UNDER LICENSE BY:** Vega Aircraft Company  
(now Lockheed)

**MODEL:** B-17G Flying Fortress

**ARMY AIR CORPS SERIAL NUMBER:** #44-85740

**DELIVERY DATE:** May 18, 1945

**REQUIRED CREW:** Ten — Pilot, Co-pilot, Navigator, Bombardier, Flight Engineer (top turret gunner), Radio Operator, 2 Waist Gunners, Tail Gunner and Ball Turret Gunner

**POWER:** The B-17G is powered by four 1,200-horsepower Wright Cyclone Model R-1820-97 engines. These engines are nine cylinder, radial, air-cooled type with a 16:9 gear ratio. The propellers are three-bladed Hamilton Standard propellers, 11 feet, 7 inches in diameter.

**WEIGHTS:** Basic Empty Weight 34,000 lbs.  
Gross Weight (Wartime) 65,500 lbs.

**FUEL CAPACITY:** 1,700 gallons

**RANGE:** 1,850 miles. Range could be extended when equipped with "Tokyo Tanks" which provided a total capacity of 3,630 gallons.

**WING SPAN:** 103 feet, 9 inches

**LENGTH:** 74 feet, 4 inches

**HEIGHT:** 19 feet, 1 inch

**SERVICE CEILING:** 35,600 feet

**ARMAMENT:** Thirteen Browning M-2 .50 caliber machine guns. Fire rate approximately 13 rounds per second. No gun on a B-17 carried more than one minute's supply of ammunition.

**BOMB LOAD:** Depending on types of bombs, maximum normal load could go to 8,000 lbs. If B-17 was fitted with special external racks, maximum normal short-range bomb load could go as high as 17,600 lbs.

**NUMBER BUILT:** 12,732. Production peaked at 16 airplanes a day in April 1944. Today there about a dozen B-17's still flying.

#### SPEEDS:

Maximum	300 mph. at 30,000 ft.
Maximum continuous	263 mph. at 25,000 ft.
Cruising speed	170 mph.
Landing	74 mph.
Rate of Climb	37 minutes to 20,000 ft.

**COLORS:** 398th Bomb Group

ALUMINUM OVERCAST is owned and operated by EAA and is based at EAA's AirVenture Museum in Oshkosh, Wisconsin.



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