

# Specification of Consolidated C-87 Liberator Express

## Built at the Consolidated Plant in Fort Worth , Texas

**Powerplant:** Four Pratt & Whitney R-1830-43 fourteen-cylinder air-cooled radial engines with General Electric turbosuperchargers rated at 1200 hp at 2700 rpm for takeoff. [P&WR-1830](#)

**Performance:** Maximum speed 300 mph at 25,000 feet. Took 60 minutes to climb to 20,000 feet . Maximum Service ceiling 28,000 feet at 56,000 lbs. takeoff weight. Normal range at 60 percent power was 1400 miles at 215 mph at 10,000 feet. Maximum range was 3300 miles at 188 mph at 10,000 feet.

**Weights:** 30,645 lbs. empty, 56,000 lbs. max. Maximum fuel load 2910 US gallons.

**Dimensions:** Wingspan 110 feet 0 inches, length 66 feet 4 inches, height 17 feet 11 inches, wing area 1048 square feet.

**Accommodation:** Crew was normally four (pilot, copilot, navigator, radio operator). Up to 25 passengers could be carried. For ranges of 1000 miles or less, average cargo capacity was 10,000 pounds. On trans-oceanic routes, cargo capacity was 6000 pounds

