

Waco J2W-1



Manufacturer: Waco Aircraft Company

Wingspan: 35' 0"

Height: 8' 7-1/2"

Length: 25' 8-1/2"

Wing Area: 244 square feet

Empty Weight: 2,050 lbs.

Gross Weight: 3,350 lbs.

Fuel Capacity: 70 gallons

Oil Capacity: 5 gallons

Crew/Passengers: 5

Engine: Jacobs L-4, R-755

Take-Off Power: 225 hp

Propellers: 1 Hamilton Standard, two-position

Top Speed: 159 mph

Cruise Speed: 140 mph

Sea-Level Climb: 760 fpm

Stall Speed: 55 mph

Range: 600 miles

Service Ceiling: 16,000 feet

Historical Information:

The Coast Guard purchased three Waco cabin model EQC-6 biplanes for use with the newly commissioned Treasury Class cutters as observation craft. They were purchased under contract number TCG-26.677 which stipulated a unit cost of \$12,054.00 per aircraft. They entered service in March, 1937 and were given Coast Guard numbers of: CG-157, 158 and 159.

They were extremely versatile and could be used with standard wheels, skis, or floats. One aircraft was assigned to the USCGC *Spencer* before being transferred to Air Station Brooklyn. Eventually all three aircraft were transferred to the Texas Air Patrol Detachment. Unfortunately all three were destroyed in crashes in 1939: the CG 157 crashing in January, 1939, CG-158 in April, 1939, and CG-159 in October, 1939.

Photos:



Waco J2W-1 on skis, photo taken at the Waco Aircraft Company hanger, Troy, Ohio, 1937; port side view; Photo No. C542.



No caption, date, photo number; photographer unknown.

Sources:

Arthur Percy, *U.S. Coast Guard Aircraft Since 1916* (Annapolis: Naval Institute Press, 1991), pp. 232-233.

