

News

From **MCDONNELL DOUGLAS**



DOUGLAS NEWS BUREAU Santa Monica, California 90406
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DOUGLAS DC-3 SPECIFICATIONS

Manufacturer: Douglas Aircraft Company, Inc.

Army or Navy designation: C-47 Skytrain (Army); R4D-1 (Navy)

Crew: 3

Capacity: 21 - 28 passengers (maximum)

Dimensions:

- span: 95 ft.
- length overall: 64 ft. 5½ in.
- height overall: 16 ft. 11 1/8 in.

Wing area:

- including aileron: 987 sq. ft.

Wings:

- spar: Multispar Wagner type
- ribs: Formed sheet metal
- covering: Alclad sheet

Landing gear:

- type: Hydraulic Retracting
- tread: 18 ft. 6 in.
- wheel type and size: Bendix Type B-3 17:00 x 16
- brake: Bendix duo-servo type
- loading gear shock unit: Bendix Oleo Unit
- tail unit: Bendix 22 x 9 x 6

Engines:

- two Pratt & Whitney R1830-92
- takeoff horsepower: 1200 h.p. each
- rated power: 1050 h.p. (at 7500 ft. altitude)

Fuel capacity: 822 gallons
5000 lbs.

Range: 1510 statute miles

Propeller: Hamilton Standard

- diameter: 11 ft. 6 in.

(more)

Performance:

speed:	230 m.p.h. (maximum) (at 8500 ft. altitude)
cruising speed:	185 m.p.h. (at 10,000 ft. altitude)
stalling speed:	67 m.p.h.
climb at sea level:	1170 ft.
service ceiling:	24,100 ft.

Weights:

gross weight:	25,200 lbs.
wing loading:	25.3 p/sq. ft.
power loading:	12.0 p/hp.
net weight:	16,970 lbs.

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