

Manufacturer: DOUGLAS AIRCRAFT CO., INC.

Company Model
or Designation: DC-4

Crew or Number
Seats: 5 Crew
44 Passengers

Ken Stoltzfus Collection
www.john2031.com

Dimensions: Span 117'6"
Length overall 93'11"
Height overall 27'6 5/16"

Area (Sq.Ft.): Wing (including aileron) 1457 sq. ft.
Aileron 85.4 sq. ft.
Vertical tail surfaces
(total exposed including
fin extension) 181.9 sq. ft.
Vertical stabilizer area 134.3 sq. ft.
Rudder area (aft of hinge
line, including tab) 47.6 sq. ft.
Horizontal tail surfaces
total area 324.9 sq. ft.
Elevator area (aft of
hinge line, including
tab) 86.6 sq. ft.

Wing Structures: Spar 3 main span-wise spar
members of shear
web construction.

Landing gear: Type Fully retractable tricycle
incorporating two sets
of dual-type main wheels
mounted aft of center of
gravity, and a steerable-
type nose wheel.
Tread of main wheels 24'8"

Power Plant: Make of engine P&W R-2000(4)
Takeoff H.P. 1450 each
Normal rated 1100 each
Propeller-make Hamilton Standard Hydromatic
Diameter 13'0"

Performance: Speed max. cruise power 280 mph. (23,200 ft. altitude-
56,200 lbs. gross weight).
Speed cruise at 60% rated
power at 10,000 ft. alt.) 239 mph. (56,500 lbs. gross
weight)
Stalling speed 80 mph.

Fuel capacity	2877 gal.
Absolute range (10,000 ft., 10% above speed for Max L/D)	3610 mi.
Total fuel capacity (with alternate collapsible cell-type innerwing fuel tanks)	3617 gal.
Absolute range (10,000 ft. 10% above speed for Max. L/D) with innerwing cell tanks	4680 mi.
Weights:	
Max takeoff gross weight	71,300 lbs.
Landing gross weight	56,500 lbs.
Wing loading	(at gross weight of 71,300 lbs.) 48.9 lbs. per sq. ft.
Power loading (T.O.Power) at gross weight of 71,300 lbs.	12.3 lbs. per BHP