

DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

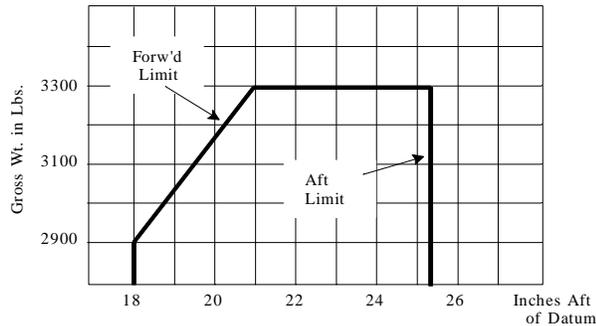
A-2-599
FAIRCHILD
M-84-C
December 19, 1949

AIRCRAFT SPECIFICATION NO. A-2-599

Manufacturer Fairchild Engine and Airplane Corporation
Hagerstown, Maryland

I - Model M-84-C, 4 PCLM, Approved September 12, 1949

Engine Continental W-670-6N
Fuel 80 minimum octane aviation gasoline
Engine limits For all operations, 2075 rpm (220 hp)
Airspeed limits Level flight or climb 150 mph True Ind.
Glide or dive 202 mph True Ind.
Flaps extended 106 mph True Ind.
C.G. range (+18.1) to (+25.2) at 2900 lbs.
(+21.1) to (+25.2) at 3300 lbs.
Straight line variation between points given.
Effect of retracting landing gear 0 in, lbs.



Empty weight C.G. range Datum None
Leveling means Leading edge of wing at root section
Maximum weight Lugs on front and rear stabilizer attachment belts, left side.
No. seats 3300 lbs.
Maximum baggage 4 (2 at +12, 2 at +62)
Fuel capacity 50 lbs. (+86)
Oil capacity 48 gals. (+39)
Control surface movements 4.1 gals. (-26)
Aileron 34° up 25.5° down
Flaps 55° down
Elevator 26° up 25° down
Elevator trim tabs 3° up 26° down
Rudder 34° left 31° right
Serial Nos. eligible 6200 only
Required equipment Items 1, 2, 201, 202, 204, 301, 302, 303

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