

Cessna 172L N9849G

Performance - Specifications

V Speeds:

| | |
|---------------------------|---------|
| Maximum at Sea Level | |
| Cruise | 139 MPH |
| 75% Power at 8000 Feet | 131 MPH |
| Vne | 174 MPH |
| Vno | 140 MPH |
| Va 2400RPM | 100 MPH |
| Vfe | 100 MPH |
| Vx | 70 MPH |
| Vy | 90 MPH |
| Vr | 60 MPH |
| Vs | 57 MPH |
| Vso | 49 MPH |

**Rate of Climb
at Sea Level:** 645 FPM

Service Ceiling: 13,100 Feet

Takeoff Performance Standard Day:

| | |
|---------------------------------|-----------|
| Ground Roll | 865 Feet |
| Total Dist. over 50-FT Obstacle | 1525 Feet |

Landing Performance Standard Day:

| | |
|---------------------------------|-----------|
| Ground Roll | 520 Feet |
| Total Dist. over 50-FT Obstacle | 1250 Feet |

**Gross
Weight:** 2300 Pounds

**Standard
Empty
Weight:** 1265 Pounds

Model 172

**Maximum
Useful Load:**

Model 172

1035 Pounds

**Baggage
Allowance:**

120 Pounds

**Wing
Loading:**

13.2 Pounds/Sq.Ft.

**Power
Loading:**

15.3 Pounds/HP

**Fuel Capacity
(Total):**

Standard Tanks

42 Gallons / 38 Gallons
useable

Oil Capacity:

8 Quarts

Engine:

Lycoming O-320-E2D /
150 BHP at 2700 RPM

Propeller:

75 Inch (diameter) /
Fixed Pitch

**Electrical
System:**

14-Volt with Alternator

Wingspan:

36' 1"