

# CESSNA 172

## Vital Statistics

(1974-75 Model)

### Engine

Engine Model: Lycoming O-320-E2D

Type: direct-drive, horizontally opposed, normally aspirated, four-cylinder, air cooled

Horsepower: 150

Maximum RPM: 2700

Features: carburetor heat

### Operating Weights

Maximum Gross Takeoff Weight: 2300 lbs.

Maximum Gross Landing Weight: 2300 lbs.

Baggage Compartments: 120 lbs. maximum

### Operating Altitudes

Service Ceiling: 13,100 feet

### Oil System

Type: wet sump

Maximum Operating Level: 8 quarts

### Fuel System

Fuel Grade: 100LL (100/130 minimum grade)

Total Capacity: 42 gallons

Total Usable: 38 gallons (19 gallons each wing)

Total Unusable: 4 gallons

Tanks: 2

Drains: 3

Pump: one engine-driven

Features: manual primer

### Electrical System

Battery: one at 12 volts

Alternator: one at 14 volts

### Vacuum System

Pump: one engine-driven

### Flap System

Type: slotted

Actuation: electrical

Settings: 0° to 40°

### Propeller System

Type: fixed-pitch

### Landing Gear System

Type: fixed

Tire Sizes: 5.00 X 5 nose; 6.00 X 6 main

### Brake System

Actuation: manual hydraulic

Features: disk brakes on main gear, parking brake

### Pitot-Static System

Pitot Source: probe under left wing

Static Source: one static port on lower-left side of forward fuselage

Features: pitot heat

### Cruise Performance (based on 5000 feet Pressure Altitude, Standard OAT)

Average Cruise TAS: 000 MPH (000 KTS) @ 75% power, Best Economy Leaning  
000 MPH (000 KTS) @ 65% power, Best Economy Leaning  
000 MPH (000 KTS) @ 55% power, Best Economy Leaning

Average Fuel Consumption: 0.0 GPH @ 75% power, Best Economy Leaning  
0.0 GPH @ 65% power, Best Economy Leaning  
0.0 GPH @ 55% power, Best Economy Leaning