

# Cessna 152

Dedicated to maintenance of Cessna 152

Tuesday, August 14, 2012

## General Cessna 152

**Cessna Model 152 aircraft is high-wing monoplanes of all-metal semimonocoque construction and are equipped with fixed tubular spring-steel main gear struts and a steerable nose gear. The nose gear has an air/oil separator fluidshook strut. Two-place seating is standard, and a double-width, fold-up auxiliary rear seat is optional. Also featured is a "wrap-around" rear window and a sweptback fin and rudder. Powering these aircraft is a horizontally-opposed air cooled Lycoming "Blue Streak" engine, driving an all-metal fixed-pitch propeller.**

<b>GROSS WEIGHT (Takeoff or Landing)</b> .....	<b>1670 Lbs.</b>
<b>FUEL CAPACITY Standard Wing (Total)</b> .....	<b>22.6 Gal</b>
<b>Standard Wing (Usable)</b> .....	<b>24.5 Gal.</b>
<b>Long Range Wing (Total)</b> .....	<b>39 Gal</b>
<b>Long Range Wing (Usable)</b> .....	<b>37.5 Gal</b>
<b>OIL CAPACITY Without External Filter</b> .....	<b>6 Qt.</b>
<b>With External Filter</b> .....	<b>7 Qt.</b>
<b>ENGINE MODEL</b> .....	<b>Lycoming O-235 Series</b>
<b>PROPELLER (Fixed Pitch)</b> .....	<b>69" McCauley</b>
<b>MAIN WHEEL TIRES (Optional)</b> .....	<b>6.00 x 6, 4-Ply Rating</b>
<b>Pressure</b> .....	<b>21 Psi</b>
<b>MAIN WHEEL TIRES (Standard)</b> .....	<b>15 x 600 x 6, 4-Ply Rating</b>
<b>Pressure</b> .....	<b>29 Psi</b>
<b>NOSE WHEEL Tire (Standard)</b> .....	<b>5.00 x 5, 4-Ply Rating</b>
<b>Pressure</b> .....	<b>30 Psi</b>
<b>NOSE GEAR STRUT PRESSURE (Strut Extended)</b> .....	<b>20 Psi</b>

### Featured Post

#### General Cessna 152

Cessna Model 152 aircraft is high-wing monoplanes of all-metal semimonocoque construction and are equipped with fixed tubular spring-steel main gear struts and a steerable nose gear. The nose gear has an air/oil separator fluidshook strut. Two-place seating is standard, and a double-width, fold-up auxiliary rear seat is optional. Also featured is a "wrap-around" rear window and a sweptback fin and rudder. Powering these aircraft is a horizontally-opposed air cooled Lycoming "Blue Streak" engine, driving an all-metal fixed-pitch propeller.

#### Fuel System Cessna 152

Fuel is gravity fed from the metal wing tanks, through a shutoff valve and a fuel strainer, to the carburetor. Positive ventilation is provided.

#### Alternator

ALTERNATOR POWER SYSTEM: The alternator system consists of a belt-driven alternator, a voltage regulator/ alternator control unit mounted ...

#### Cessna 152 Landing Gear

1. LANDING GEAR: The aircraft is equipped with a fixed tricycle landing gear, consisting of tubular spring-steel main gear struts,...



#### Cessna 152 Fuselage

Cessna 152 Fuselage 2. WINDSHIELD AND WINDOWS: The windshield and windows are single-

<b>WHEEL ALIGNMENT</b>	<b>Camber</b> .....	<b>3 to +5 °</b>
	<b>Toe-in</b> .....	<b>0" to + .16"</b>
<b>AILERON TRAVEL</b>	<b>Up</b> .....	<b>20° + 2° - 0</b>
	<b>Down</b> .....	<b>15° + 2° - 0</b>
	<b>Droop</b> .....	<b>+ 11°/2 ° Down from streamline</b>
<b>WING FLAP TRAVEL</b> .....		<b>30° 2° Down</b>
<b>RUDDER TRAVEL (Parallel to Water Line)</b>		
	<b>Right</b> .....	<b>20° 30' +0 -2°</b>
	<b>Left</b> .....	<b>20 30' +0° -2 °</b>
<b>RUDDER TRAVEL (Perpendicular to Hinge Line)</b>		
	<b>Right</b> .....	<b>23, +00 -20'</b>
	<b>Left</b> .....	<b>23°, +0 -2</b>
<b>ELEVATOR TRAVEL</b>	<b>Up</b> .....	<b>25° 1° Down ... 18° + 1°</b>
<b>ELEVATOR TRIM TAB</b>	<b>Up</b> .....	<b>10 ° 1 Down .... 20° 1°</b>
<b>PRINCIPAL DIMENSIONS</b>		
<b>Wing Span</b> .....		<b>400.00"</b>
<b>Length</b> .....		<b>284.84"</b>
<b>Fin Height (Maximum With Nose Gear Depressed And Flashing Beacon Installed on Fin)</b> .....		<b>102.00"</b>
<b>Track Width</b> .....		<b>91.28"</b>
<b>Tail Span</b> .....		<b>120.00"</b>
<b>BATTERY LOCATION</b> .....		<b>FIREWALL Right Side</b>

Posted by [S P Singh](#) at [6:28 PM](#)

Labels: [General](#)

No comments:

[Post a Comment](#)

piece; acrylic panels set in sealing strips...



#### Electrical System Cessna 152

Electrical Power Supply System.

Battery and External Power

Suppl...

General Cessna 152

Cessna Model 152 aircraft is high-wing monoplanes of all-metal semimonocoque construction and are equipped with fixed tubular spr...



#### PARKING BRAKE SYSTEM

Cessna 152 : The parking brake system consists of a control knob on the instrument panel which is connected to linkage at the

brake master ...



#### Landing gear

LANDING GEAR 1. The aircraft is equipped with a fixed tricycle landing gear, consisting of tubular spring-steel main gear struts, and

an...

#### Instrument

INSTRUMENT PANEL. The instrument panel assembly consists of a stationary panel and shock mounted panel. The stat...



#### Cessna 152 Brake

##### BRAKE SYSTEM: 5.


BRAKE SYSTEM: The hydraulic brake system is comprised of two master cylinders located

immediately forward of the pilot&#...

#### Blog Archive

► [2015](#) (4)

Enter your comment...

 Comment as:

Notify me

[Newer Post](#)

[Home](#)

Subscribe to: [Post Comments \(Atom\)](#)

- ▶ [2014](#) (6)
- ▶ [2013](#) (6)
- ▼ [2012](#) (32)
  - ▶ [December](#) (8)
  - ▶ [November](#) (1)
  - ▶ [October](#) (5)
  - ▶ [September](#) (2)
  - ▼ [August](#) (16)
    - [Fuel System - Inspection](#)
    - [SERVICING OF NOSE WHEEL ASSEMBLY](#)
    - [Propeller Strike Inspection](#)
    - [Heavy Landing](#)
    - [Turbulent weather inspection](#)
    - [Lightning Strike Inspection](#)
    - [Instrument](#)
    - [Alternator](#)
    - [Carburetor Replacement](#)
    - [Cessna 152 Brake](#)
    - [Electrical System Cessna 152](#)
    - [Fuel System Cessna 152](#)
    - [Landing gear](#)
    - [Cessna 152 Landing Gear](#)
    - [Cessna 152 Fuselage](#)
    - [General Cessna 152](#)

Simple theme. Powered by [Blogger](#).