Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bin # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lab 6 Reservoirs**

**References Required**

1. What is used to store hydraulic fluid?

2. Why should the above have the capability to hold more fluid than what is required in the

 system?

3. What would be found in a reservoir which is in a system that requires an emergency reserve of fluid?

4. The item mentioned in #3 above provides fluid to?

5. When the reservoir is part of another assembly, such as a pump, what is the reservoir called?

6. What is done to a reservoir to assure adequate flow of fluid to the pump?

7. What are the three methods of pressurizing a reservoir?

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 8. On Figure 8-7 of the handout, color the standpipe **green**, and the fluid **red** to the normal level

 in the reservoir. Can this reservoir be pressurized?

 9. On Figure 8-8 of the handout, color the pressurizing fluid **blue**, the reservoir fluid **red**, the

 large piston **green**, the small piston **orange**, and the bleed valve **yellow**.

10. On Figure 10-75, color the pressurizing fluid **blue**, the reservoir fluid **red**, the large piston

 **green**, the small piston **orange**, and the bleed valve **yellow**.

11. The Piper 140 uses what type of a hydraulic reservoir?

 What fluid is in the reservoir?

 What system does it operate?

12. The Cessna 150 uses what type of a hydraulic reservoir?

 What fluid is in the reservoir?

 What system does it operate?

13. Why is the Saberliner (CT-39A SN60-3481) reservoir pressurized?

 What is the reservoir pressure?

 What method is used to pressurize the reservoir?

 How is the reservoir pressurized in the T-39B?