

Renter Pilot Aircraft CheckOut

PILOT'S NAME: _____ DATE: _____

AIRCRAFT MAKE AND MODEL: _____ N#: _____

1. What is the total fuel capacity? _____ Usable Capacity of each? _____ Total usable fuel? _____ # of tanks? _____
2. What is the HP of this aircraft's engine? _____
3. How many and where are the fuel drains located? _____
4. What is the aircraft's empty weight? _____ Useful Load? _____ Maximum takeoff weight? _____
5. What is the recommended short field approach air speed and configuration? _____
6. What is the short field takeoff ground roll at 8000' and 30° Centigrade? _____
8. What is the maximum demonstrated crosswind component? _____
9. What is the best glide speed? _____
10. What is the minimum oil level? _____
11. At 8000' pressure altitude, 20°OAT and 2500 RPM, what is the cruise speed? _____ What is the fuel Burn (GPH)? _____
12. As weight decreases, how is VA affected? _____
13. Is this airplane carbureted or fuel-injected? _____ If carbureted, how is carb ice detected? _____
 What actions should be taken if carb ice is detected? _____
14. Complete a weight and balance calculation for the following conditions:
 - Airplane's current empty weight and C.G. arm/moment
 - Your weight plus 180 pounds (front seat)
 - 180 pounds (rear seat)
 - 30 pounds baggage (baggage # 1)
 - Full fuel (or gross weight, whichever occurs first)
- 15: Fill in the V-Speed Table below:

V SPEEDS IAS (MPH OR KTS)

Vso _____

Vs1 _____

Vx _____

Vy _____ Cruise Climb _____

Vfe _____ Flaps 0°-10° _____ Flaps 10° - full _____

Va _____ @ Max Weight _____

Vno _____

Vne _____ 1.3 Vso _____

Vr _____

Vle _____

Vlo _____

Vmc _____ +5 _____

Vsse _____ Vyse _____

Renters's Signature

Date

Instructor's Signature

Date