

# N\_\_\_\_\_ CHECK OUT

Pilot: \_\_\_\_\_ Date: \_\_\_\_\_

1) Define the following terms and determine the appropriate airspeed for each.

a)  $V_x$  \_\_\_\_\_ kts

b)  $V_y$  \_\_\_\_\_ kts

c)  $V_s$  \_\_\_\_\_ kts

d)  $V_{so}$  \_\_\_\_\_ kts

e)  $V_a$  \_\_\_\_\_ kts

f)  $V_{glide}$  \_\_\_\_\_ kts

2) What is the maximum useable fuel in gallons: \_\_\_\_\_

3) What is the normal fuel consumption per hour at 65% power? \_\_\_\_\_.

4) Using the above information, what is the fuel endurance when landing with one-hour reserve? \_\_\_\_\_.

5) N\_\_\_\_\_ has an empty weight of \_\_\_\_\_ lbs, a moment of \_\_\_\_\_, CG of \_\_\_\_\_, and a gross weight of \_\_\_\_\_ lbs.

a) What is the useful load with full fuel? \_\_\_\_\_.

b) Compute a weight and balance for today's check out flight.

6) During flight, the engine quits. What are you going to do?

Review: Preflight, normal & short field take off & landings, cross wind landings, slow flight, power on and off stalls, emergency procedures, steep turns, hood, radios, and post flight.

Also, have a BVFS manifest completed for a flight today to Lufkin, TX (LFK)

Check CFI: \_\_\_\_\_ Date: \_\_\_\_\_