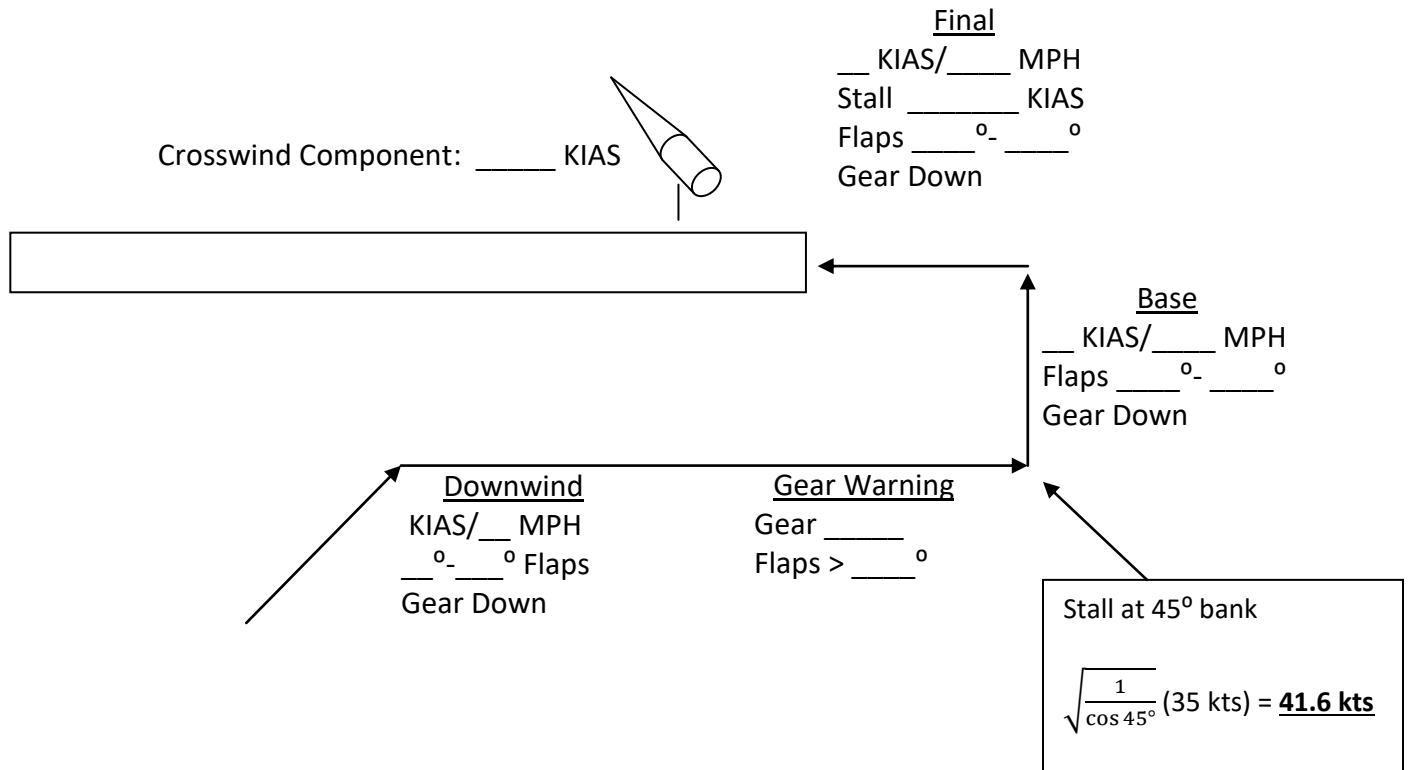


Laister LP-15 Checkout Exam

Max Gross Weight: _____ Pounds
 Empty Weight: _____ Pounds (9V), _____ Pounds (2NV)
 Min/Max Pilot Weight: _____ Pounds / _____ Pounds (9V), _____ Pounds / _____ Pounds (2NV)
 Airspeeds:
 - V_s -10° Flaps: _____ KIAS/_____ MPH
 0° Flaps: _____ KIAS/_____ MPH
 15° Flaps: _____ KIAS/_____ MPH
 36° Flaps: _____ KIAS/_____ MPH
 90° Flaps: _____ KIAS/_____ MPH
 - $V_{touchdown}$ _____ KIAS/_____ MPH (90° flaps / as necessary)
 - Min Sink Speed _____ KIAS/_____ MPH
 - Best Glide Speed _____ KIAS/_____ MPH
 - Best Glide Ratio _____ :1 Best Glide Ratio in NM/1000 ft: _____
 - $V_{auto/winch}$ _____ KIAS/_____ MPH
 - V_{fe} _____ KIAS/_____ MPH
 - $V_{aero\ tow}$ _____ KIAS/_____ MPH (_____ KIAS/_____ MPH with flaps extended)
 - V_{le} _____ KIAS/_____ MPH
 - V_a _____ KIAS/_____ MPH
 - V_{ne} _____ KIAS/_____ MPH
 Green Arc _____ KIAS/_____ MPH – _____ KIAS/_____ MPH
 White Arc _____ KIAS/_____ MPH – _____ KIAS/_____ MPH
 Yellow Arc _____ KIAS/_____ MPH – _____ KIAS/_____ MPH
 Red Line _____ KIAS/_____ MPH



In Flight Flap Settings (Thermalling):

- _____ KIAS/_____ MPH 15° flaps, 20° - 30° Bank (thermaling)
- _____ KIAS/_____ MPH 15° flaps, 45° Bank (thermaling)
- _____ KIAS/_____ MPH 15° flaps, 60° Bank (thermaling)

Add 5 KIAS/6 MPH to the above airspeeds for using 5° of flaps

In Flight Flap Settings (Running)

- _____ - _____ KIAS/_____ - _____ MPH use 0° flaps
- > _____ KIAS/_____ MPH use -5° flaps
- > _____ KIAS/_____ MPH use -10° flaps

Tire Pressures: Main: _____ psi Tail: _____ psi

What is the most significant flight effect difference of a flapped-only glider vs a glider with spoilers?

Is the wheel brake effective?

Are slips permitted with positive flaps?

What is rudder overbalance?

At 50 KIAS/58 MPH, rudder can only counter adverse yaw with _____ ailerons applied

How many pounds of force are required to extend 75° flaps at 55 KIAS/63 MPH

In what conditions might you expect aileron flutter, and what do you do should you experience flutter?

How do you know the gear is down and locked?

What characteristic does the LP-15 exhibit as you approach stall?

Where is the elevator trim?

What is the effect on landing if too much airspeed is carried into the round out?

What is the effect on landing if too little airspeed is carried into the round out?

Which way is the gear handle moved to lower the gear?

How is the LP-15 configured for water ballast? Where are the tank(s), drain(s), drain actuator(s)? What is the status of the ballast system?

- Ballast Tank:
- Drain Tank:
- The Actuator:
- Status:

What type of weak link is used?

Does the tow release in the cockpit need to be actuated for the wing runner to connect the tow ring?

Where are the aileron link disconnects located?

How do you check the aileron link?

Are aerobatic maneuvers allowed in the LP-15?

What is the advantage to using flap settings higher than 0 while Thermalling?

What is the recommended speed and flap setting while on tow?

Where is the gear handle located?

What is the best technique for locking the gear down?

Where is the battery and O2 bottle located?

How does the release mechanism work?

What is the spin recovery procedure?

What is phugoid mode and is it important?

Are tow release forces light or heavy?

Are flight control forces light or heavy?

Student Name

CFI Name