



8KCAB Decathlon Checkout Questionnaire

Name _____ Date _____
 Certificate and Ratings _____ Certificate # _____
 Total Time _____ Time in type: _____ Instructor verifying _____

Airspeeds

1. What are the following V speeds in KIAS?

Vr _____ (normal takeoff)	Vno _____
Vy _____	Vne _____
Vx _____	Best Glide Speed _____
Va _____ (at gross weight)	Landing Speed:
Vso _____	-With full flaps _____
Vs _____	-With no flaps _____
Vfe _____	Maximum crosswind: _____

What is the maximum positive 'G' load in the aerobatic category? Max negative 'G' load?

What is maximum time for inverted flight?

How long in normal flight does it take to refill the inverted fuel tank?

Is solo flight permitted in either seat?

Is knife edge flight approved? In what directions?

Emergency Procedures

1. Describe the emergency checklist to follow when the engine has failed during takeoff:

- A. Below 500' AGL: _____
- B. Above 1,000' AGL: _____

2. What should we do if we experience low oil pressure and high oil temp?

3. What should be done if the ammeter indicates no output during flight?

Weight and Balance

1. What is the maximum takeoff weight?

Determine the maximum fuel that can be added without exceeding max. takeoff weight:

	Weight	Moment
BEW	_____	121.23
Front pass.	175	_____
Rear pass.	175	_____
Baggage	0	0
Zero Fuel Weight	_____	_____
Zero fuel CG	_____	_____
Fuel @ 6 LBS/GAL	300	_____
Ramp Weight	_____	_____

What is the takeoff C.G.? Is it within limits?

What category(ies) is/are the aircraft certified for?

SYSTEMS

1. Describe the engine.
2. What is the engine's maximum rated horsepower and RPM?
3. What is the total fuel capacity? What is the total usable? How much fuel is in the tank if filled to the tab?
4. How many fuel drains are there? Where are they?
5. The fuel selector has _____ positions.
6. What types of fuel are approved and what are their colors?
7. What are the normal operating minimum and maximum oil capacity ?
8. Describe the electrical system. Include the voltage of the battery and how the ammeter works
9. Does the aircraft have an alternate static source? If so, where is it, and how do you activate it?

Stall and Spin Awareness

1. Describe the recovery procedure(s) for the following:

Power-Off Stall: _____

Power-On Stall: _____

Spins: _____