**2018 OSCI Safety Quiz**

**NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(All) DATE of Flight Review \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Expires \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(Tow pilots) Date of FAA Medical \_\_\_\_\_\_\_\_\_\_\_\_\_\_Expires \_\_\_\_\_\_\_\_\_\_\_\_**

**(CFI’s) Date CFIG Certificate expires \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Concerning L23 N258BA

1) What is the KIAS, name, meaning, and airspeed indicator marking?

 Vne

 Why does Vne reduce above 11000 PA?

 Vra

 What is the conventional symbol and name?

 Va

 Vw

 Vt

 Why aren’t Vw and Vt the same KIAS?

 Vlo

 Is there a dive brake limit?

2) What is the IAS and meaning associated with the yellow triangle on the airspeed indicator?

 Does this trigger some thought? What?

3) What is the maximum t/o and landing weight:

 with two occupants?

 with one pilot?

 Does this trigger some thought? What?

4) What is the empty weight?

5) What is the useful load?

6) What is the maximum front seat solo weight?

 How does that reconcile with the previously stated max weight with one pilot?

7) If we had an accurate scale and you stepped on just prior to flying, what would it read?

If you are in front what is the maximum rear seat weight?

If you are in back what is:

 the minimum front seat weight?

the maximum front seat weight?

8) What documents are required to be in the aircraft for flight?

9) Who is responsible for the aircraft being safe to fly?

How do you reconcile this if you, for example are #4 on the list?

10) What sequence best describes OSCI aerotow launch procedures? (multiple choice)

 A. Hook up, raise wing, look for traffic, slack out, observe ready signals, begin takeoff

 B. Hook up, slack out, raise wing, observe ready signals, look for traffic, begin takeoff

C. Hook up, slack out, look for traffic, raise wing, observe ready signals, begin takeoff

11) Turn the sheet over, start a one minute time, and write down everything you can think of that could go wrong from start to release on an aerotow.

 How many did you think of?

 What do you include in your t/o checklist Emerg. Plan? (verbalized unless solo)

12) What is the difference between “read-do” and “do-read” checklist procedures?

 What are your comments on application to our operations?

Scenario – the aerotow takeoff seems sluggish. The tow plane and glider seem low as they cross the far end of the field.

13) What might be going through the tow pilot’s mind?

14) What might be going through the glider pilot’s mind?

Scenario: You are new club member Wilber Wantstodoit and have achieved an A badge. You want to stretch your soaring legs and in hopes of good soaring conditions plan a short soaring triangle task of after release - Washington-Kennard – BTA.

15) What are the magnetic courses and distances?

 a) Washington to Kennard

 b) Kennard to BTA

16) Is, or can, this plan be flown in accordance with OSCI Flight Rules?

Continued scenario: The much anticipated day arrives with blue skies, puffy clouds, and an average wind aloft between 3000 and 6000 from 310 degrees at 10 KTS.

17) After release what cruise speed to fly and thermalling strategies do you plan on the journey to Washington and then Kennard?

18) You want to make a final glide from Kennard to BTA.

 a) What altitude do you need as you leave Kennard?

 b) What speed to fly strategy will you use?

**END**