



Advanced Equipment Course Candidate Pre-Course Survey

IMPORTANT: Please answer all questions prior to the arrival of the course. You may answer using resources (include any references), from your own knowledge, asking around, or simply guess. But please answer all the questions! Each question raises a topic to be discussed more in depth at the beginning of the course. Note: Some answers may not have references available on line.

1. Estimate the strength of the webbing used on your main risers. _____

2. What is the difference between the "zero-P" fabric and the "F-111" fabric on a "hybrid" main, for example, the PD Silhouette? What is its purpose on a hybrid canopy?

3. Estimate the strength of a typical single parachute line. _____

4. May a jumper pack his or her own reserve under the supervision of an FAA rigger?

yes

no

5. Who may train a senior parachute rigger? _____

6. Who may test a rigger and confer a parachute rigger certificate or rating? _____

7 What would you choose as the three most important aspects of packing a main parachute to ensure an orderly opening?

1. _____

2. _____

3. _____

8. If the loop holding the excess brake line on the main riser tears, may the owner fix it?

Yes

No

9. Name three dangerous substances or other environmental conditions that damage parachute fabric.

a. _____

b. _____

c. _____

10. Who regulates parachute riggers FAA, USPA, or the state where the jumping occurs?

11. How many times does a person need to pack a practice reserve to apply for an FAA rigger certificate?

10 20 30 40 50

12. How do you know when to replace a main closing loop? _____

13. Circle which of the following is true of a main-assisted reserve deployment (MARD) system:

Replaces the RSL

Is used in addition to an RSL

Makes an AAD unnecessary

Jumper should disconnect in the event of a total malfunction

14. Why might a kill line need to be adjusted or replaced and what happens when it breaks?

15. What is the maximum operating limit (speed and weight) on your current reserve parachute?

16. According to FAA rules, a jumper making the next jump on a main parachute may supervise someone else to pack it. Circle your answer:

True

False

No earthly idea.

17. The pilot of the aircraft is responsible that all the parachutes being carried on board for intentional or emergency use are packed and maintained according to the FAA rules.

True

False

18. A new sport parachute harness and container system comes with everything EXCEPT which of the following? (Circle ALL the items that it DOESN'T come with.)

main and reserve connector links

reserve risers

reserve slider

main risers

main deployment bag

reserve deployment bag

main and reserve steering toggles

main packing instructions

main slider

19. The correct orientation of the main (curved) closing pin on YOUR rig is (circle one)—

“smiley face”

“frowny face”

more or less straight up and down

20. How do you determine the correct length of your main closing loop? _____

21. Which riser does YOUR RSL hook to?

right

left

both

22. What is the purpose of a hook knife, and where is YOURS located? _____

23. What is the range of release tension (in pounds) recommended for each bight of lines stowed in rubber bands?

24. Do the main connector links on your rig need to be tacked in place with a needle and thread?

Yes

No

25. How often does the 3-ring release system need to be serviced on YOUR rig? _____

26. May the owner change the slider on his or her main parachute? _____

27. What is the purpose of the “turnback” tab found on most free ends of harness webbing?

28. May the owner of a parachute system remove a piece of unnecessary Velcro (touch fastener) from his or her harness and container system? (Circle one.)

yes

no

yes, if it's part of the main parachute system

29. What is the range of the recommendations among various manufacturers for how much line to leave unstowed when packing a main parachute?

30. How long do skydiving rubber bands last when not in use? What might make them last not as long?

31. What is the service interval on your AAD, and what is its life limit? _____ / _____

32. How long does your AAD stay on, and should you turn it off before leaving the DZ at the end of the day?

33. What organization does PIA stand for and what do they do?
