

07/07/2008

Bank: (Parachute Rigger)

Airman Knowledge Test Question Bank

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1. RIG006

RIG

When a certificated senior parachute rigger applies for an additional type rating, how many parachutes must he/she have packed?

- A) At least 10 parachutes of each of 2 types in common use.
- B) At least 20 parachutes of the type for which a rating is sought.
- C) At least 100 parachutes of each of 2 types in common use.

2. RIG006

RIG

An applicant for a Master Parachute Rigger Certificate must have packed a minimum number of parachutes either as a senior rigger or under the supervision of which of the following?

- A) Any certificated parachute rigger.
- B) A certificated parachute rigger who holds the appropriate ratings or a person holding an appropriate military rating.
- C) A certificated master parachute rigger who also holds a currently effective parachute instructor's certificate.

3. RIG006

RIG

In addition to other qualifications, an applicant for a Master Parachute Rigger Certificate shall show evidence of having packed satisfactorily a minimum of

- A) 100 parachutes of each of 2 types in common use.
- B) 20 parachutes of each type for which a rating is desired.
- C) 100 FAA-approved parachutes within the preceding 12 calendar months.

4. RIG006

RIG

How many years experience (minimum) as a parachute rigger are required for an applicant to be eligible for a Master Parachute Rigger Certificate?

- A) 2 years.
- B) 3 years.
- C) 5 years.

5. RIG006 RIG

What requirements must be met by an eligible member of an Armed Force of the United States who applies for a Senior Parachute Rigger Certificate?

- A) Pass an oral and practical test for each rating sought.
- B) Pass a written test with respect to Federal Aviation Regulations.
- C) Pass a written test, and an oral and practical test for each rating sought.

6. RIG006 RIG

The FAA action to suspend or revoke a parachute rigger certificate may be based on

- (1) false statements on an application for an airman certificate or rating.
- (2) refusal to inspect, pack, and seal a parachute.

Regarding the above statements, which of the following is true?

- A) Only No. 1 is true.
- B) Only No. 2 is true.
- C) Both No. 1 and No. 2 are true.

7. RIG006 RIG

A senior parachute rigger, who had held a back type rating for 6 years, added seat and chest type ratings to the Senior Parachute Rigger Certificate on a given date. One month later, upon meeting the experience requirements for a master rigger, the senior rigger applied, was tested, and was issued a Master Parachute Rigger Certificate.

For what type ratings is the master parachute rigger eligible?

- A) Back, chest, and seat types.
- B) Back type only.
- C) Only the types for which he/she packed at least 100 parachutes and was tested for on the master rigger test.

8. RIG042 RIG

Select the tool used to make the folds in the canopy and to smooth out the pack.

- A) Tension hooks.
- B) Packing paddles.
- C) Fids.

9. RIG022 RIG

In the process of packing a parachute, the apex is generally released from the table prior to which of the following operations?

- A) Pleating the gores.
- B) Accordion-folding the canopy.

C) Straightening the top lateral band.

10. RIG041 RIG

Which group of suspension lines is connected to the inboard end of the riser connector links (28-foot canopy)?

- A) Lines 1, 14, 15, and 28.
- B) Lines 1, 6, 12, and 28.
- C) Lines 1, 7, 13, and 20.

11. RIG041 RIG

The stowage location for the first bight of suspension lines is determined by

- A) TSO-C23b.
- B) length of risers.
- C) packing instructions.

12. RIG004 RIG

When packing a ram-air canopy, if the leading edge of the canopy is folded inward and rolled tightly to the second line, how will the canopy perform?

- A) It will inflate faster.
- B) It will open softer.
- C) It is less likely to snivel.

13. RIG003 RIG

When packing a parachute with harness attached, you find the canopy, suspension lines, and harness twisted and tangled. Which of the following should be accomplished first?

- A) Determine that the canopy is right side out.
- B) Remove the twists and tangles in the suspension lines nearest the canopy.
- C) Remove the twists and tangles in the suspension lines nearest the harness.

14. RIG031 RIG

Inspection of a parachute reveals a canopy section which shows evidence of weakness or damage. The parachute rigger conducting the inspection shall

- A) pack the parachute in the normal manner, but place a rejection tag in a conspicuous location on the pack.
- B) contact the local FAA inspector for disposition instructions.
- C) refuse to pack the parachute.

15. RIG025 RIG

Ram-air or square parachute canopies are easily inspected

- A) when laid out on a packing table.
- B) when suspended by trailing edge.
- C) with the lines attached to the ceiling and trailing edge anchored to a sliding table.

16. RIG029 RIG

A nylon back-type parachute intended for emergency use should be completely inspected and repacked at the end of

- A) 60 days.
- B) 90 days.
- C) 120 days.

17. RIG030 RIG

What procedures should be followed to obtain field approval for installation of an automatic opening device on an auxiliary parachute pack?

- A) A person qualified to alter a parachute should submit the proposed alteration to the FAA.
- B) A master parachute rigger shall install the automatic opener and sign the packing card.
- C) The manufacturer of the device shall install it on the auxiliary pack and sign the packing card.

18. RIG030 RIG

Which hazard is associated with chrome plating of parachute hardware?

- A) Hydrogen embrittlement of the metal parts.
- B) Slippage of the metal parts due to increased coefficient of friction.
- C) Weakening of the hardware due to the annealing effect of the plating process.

19. RIG019 RIG

Which of the following powers the cutter release unit of an automatic activation device (AAD)?

- 1. A spring.
  - 2. A compressed gas cartridge (CGC).
- A) Number 1.
  - B) Number 2.
  - C) Neither 1 nor 2.

20. RIG019 RIG

What is the purpose of the pack-opening bands?

- A) To pull the container flaps apart.
- B) To aid ripcord deployment.
- C) When packed, holds the pilot chute in place.

21. RIG040 RIG

Reserve closing loops are sewn together with what type stitch?

- A) Straight (301).
- B) Zigzag (308).
- C) Bartack (392).

22. RIG019 RIG

The term 'backpack or chestpack' refers to the parachute assembly, less the

- A) reserve parachute.
- B) harness.
- C) main parachute when referring to a dual assembly used for intentional jumping.

23. RIG019 RIGINT

What is the purpose of the pack-opening bands?

- A) To pull the container flaps apart.
- B) To aid ripcord deployment.
- C) When packed, holds the pilot chute in place.

24. RIG001 RIG

On a spanwise constructed canopy how are the loaded ribs attached to the upper and lower surface? They are sewn

- A) into the upper and lower surfaces.
- B) onto the upper surfaces and into the lower surfaces.
- C) into the upper surfaces and onto the lower surfaces.

25. RIG024 RIG

Canopy construction style in which the top and bottom surfaces are joined to each other at the seams with the loaded ribs?

- A) I-Beam.
- B) Interlocking T-Beam.
- C) Half cell chord wise.

26. RIG024 RIG

Which canopy construction style will have a half-cell panel at each end on only the top surface?

- A) I-Beam.
- B) Interlocking T-Beam.
- C) Half-Cell chord wise.

27. RIG024 RIG  
When describing canopies what is the term for the line that is always at 90° from the plumb line?  
A) Trim line.  
B) Cord line.  
C) Reference line.
28. RIG024 RIG  
The full cell of a ram-air canopy runs span wise form one  
A) load rib to the next.  
B) load rib to the next non-load rib.  
C) non-load rib to the next.
29. RIG041 RIG  
What is the reason for leaving slack in the fabric between attachment points of suspension lines on a block constructed canopy?  
A) Increases the canopy maximum opening velocity.  
B) Reduces strain on canopy during opening shock.  
C) Reduces canopy fill time and increase total volume.
30. RIG001 RIG  
Traditionally in square parachutes, the warp yarns run  
A) spanwise.  
B) chordwise.  
C) on the bias.
31. RIG009 RIG  
'Ripstop' is a term commonly used to describe  
A) webbing material.  
B) canopy material.  
C) canvas material.
32. RIG001 RIG  
A rubber vent collar ring is capable of  
A) holding the vent closed, especially during opening shock.  
B) stretching to the diameter of the vent hem.  
C) controlling horizontal direction while descending.
33. RIG001 RIG

Which of the following is the definition of 'gore' as it applies to a parachute canopy?

- A) A gore is a portion of fabric bounded by any two suspension lines, the apex, and the skirt hem.
- B) A gore is that portion of double thickness fabric which is used to reinforce the canopy vent area (apex).
- C) A gore is a portion of fabric cut on a bias with the warp of the fabric running at a 45 degree angle to the centerline of the section.

34. RIG041 RIG

What technique is used to assure uniformity in the length of nylon suspension lines for a given model parachute during their manufacture and/or replacement?

- A) All suspension lines shall be marked while under no load to show points of attachment.
- B) All suspension lines shall be marked while under equal tension to show points of attachment.
- C) With no load on suspension lines, mark the points of attachment, then cut the line core approximately 2 inches longer than the sleeve.

35. RIG024 RIG

Where are crossports located in a ram-air canopy?

- A) At 10% of the cord.
- B) In the outboard end ribs.
- C) Midway between suspension line attachment points.

36. RIG022 RIG

Which of the following one-word definitions best describes a grommet?

- A) Button.
- B) Washer.
- C) Reinforcement.

37. RIG012 RIG

What type knot is generally used to fasten the pilot chute to the bridle line?

- A) Half-hitch.
- B) Bowline.
- C) Clove hitch.

38. RIG040 RIG

Figure 14 is a cross section of a series of machine sewn stitches. The type of stitch is

- A) a zigzag stitch.
- B) a lock stitch.
- C) a chain stitch.

39. RIG001 RIG

'Porosity,' as used in parachute terminology, is expressed in terms of the

- A) rate of airflow through the canopy.
- B) rate of descent.
- C) weight of cloth per square yard.

40. RIG016 RIG

Nylon tubular webbing is commonly used in which of the following parachute parts?

- A) Harness straps.
- B) Pilot chute bridle line.
- C) Ram-air canopy lower seam reinforcement.

41. RIG024 RIG

What is the best ratio of pilot chute area to main canopy area for deployment speeds up to 150 knots?

- A) 5%.
- B) 3%.
- C) .5%.

42. RIG035 RIG

Normally, ripcord cables are manufactured of

- A) Monel metal wire.
- B) stainless steel 3/32 aircraft cable.
- C) galvanized carbon steel cable.

43. RIG035 RIG

Give one reason for properly attaching the ripcord housing to the parachute pack.

- A) It is required by TSO-C23b.
- B) To increase the ripcord pull force.
- C) Helps retain the locking pins in their loops.

44. RIG002 RIG

What prevents an auxiliary pack canopy from collapsing if one connector snap is not secured or pulls out of the harness 'D-ring' when the canopy is deployed?

- A) The cross connector strap.
- B) The connector links.
- C) The breast strap.



45. RIG041 RIG

Dacron control lines are desirable for ram-air canopies because

- A) they stretch less than kevlar lines.
- B) they are easier to install.
- C) they resist guide ring abrasions better than kevlar lines.

46. RIG043 RIG

When combining components certificated under TSO-C23b and TSO-C23c, which component is the limiting factor for speed and weight?

- A) Canopy.
- B) Container.
- C) Harness.

47. RIG043 RIG

Technical Standard Order-C23b provides specifications for which of the following types of parachutes?

- A) Low-speed and standard.
- B) Standard and sport.
- C) Low-speed and high-speed.

48. RIG017 RIG

How long should a parachute be aired prior to packing?

- A) 4 hours, provided the parachute is not damp or wet.
- B) At least 8 hours.
- C) Until the parachute is thoroughly dry.

49. RIG041 RIG

Suspension line breakage in ram-air canopies most often occurs at what line position?

- A) The leading edge outboard.
- B) The trailing edge mid-canopy.
- C) The leading edge center line.

50. RIG001 RIG

Stabilizer panel burns on a square or ram-air parachute are usually the result of

- A) extended storage in an unventilated area.
- B) poor packing.
- C) improper attachment during manufacture.

51. RIG020 RIG  
The angle between the flight path and the cord line is referred to as the angle of  
A) trim.  
B) incidence.  
C) attack.

52. RIG020 RIG  
When defining a canopy the angle of incidence is formed between which reference points?  
A) The flight path and the chord line.  
B) The canopy reference line and the trim line.  
C) The canopy reference line and the chord line.

53. RIG022 RIG  
When packing a ram-air parachute if the lines are not properly straightened, what malfunction could occur?  
A) Locked bag.  
B) End cell closure.  
C) Line - over.

54. RIG043 RIG  
Before installation on a parachute assembly, a ripcord must withstand a minimum load of at least  
A) 300 pounds.  
B) 22 pounds.  
C) 150 pounds.

55. RIG020 RIG  
What happens to the pilot chute of a square main canopy that has fully opened?  
A) It remains inflated.  
B) It trails behind the main canopy.  
C) It drops through the vent and hangs inside the canopy.

56. RIG024 RIG  
Ram-air canopies of what aspect ratio receive the greatest benefit from stabilizer panels?  
A) Low.  
B) Medium.  
C) High.

57. RIG001 RIG

When trimming a ram-air canopy, what flight characteristic is enhanced by pitching the nose down?

- A) Glide.
- B) Stability.
- C) Rate of turn.

58. RIG023 RIG

A deployment bag is used

- A) to protect the canopy after canopy deployment.
- B) to delay canopy filling until suspension lines are deployed.
- C) to allow the canopy to fill before the suspension lines are deployed.

59. RIG025 RIG

Which of the following would NOT induce a persistent turn in a ram-air canopy?

- A) improper packing.
- B) replacing a line of improper length.
- C) a short steering line.

60. RIG001 RIG

The slider component of a parachute assembly

- A) aids in positive deployment of the pilot chute.
- B) controls the rate of inflation.
- C) is part of the main canopy release system.

61. RIG005 RIG

Deployment devices are employed in parachute assemblies for what purpose?

- A) To decrease deployment time.
- B) To reduce snatch force.
- C) To aid in jettisoning the main canopy.

62. RIG020 RIG

As the exit weight is increased on a canopy the sink rate also increases. The glide angle will

- A) become steeper.
- B) become flatter.
- C) remain fairly constant.

63. RIG002 RIG

Which aspect ratio canopy will, in general, open quicker and with greater total opening shock?

- A) Canopies with aspect ratios up to 1.9.

- B) Canopies with aspect ratios 2.0 to 2.2.
- C) Canopies with aspect ratios 2.3 and up.

64. RIG017 RIG

After hanging a round parachute in a loft, you find the suspension lines will not clear the floor. What is the recommended procedure to follow?

- A) Lay excess length of lines on a table.
- B) Chain the lines.
- C) Leave the excess length of lines in the retainer loops.

65. RIG018 RIG

What is the purpose of naphthalene flakes when used in storage areas?

- A) Provide rodent protection.
- B) Provide mildew protection.
- C) Help maintain proper humidity conditions.

66. RIG009 RIG

How can sunlight damage to white nylon canopy fabric be identified?

- A) Moisten an area with distilled water and test using blue litmus paper.
- B) When viewed under an ultraviolet light, the fabric will have a white fluorescence.
- C) Moisten an area with distilled water and test using red litmus paper.

67. RIG011 RIG

Which operation should be performed first when fitting a parachute harness to the wearer?

- A) Position the sling under the buttocks to form a seat.
- B) Adjust the back straps.
- C) Place the chest strap approximately 4 inches below the chin and adjust the shoulder adapters.

68. RIG030 RIG

Which defect in a canopy would most likely require a minor repair?

- A) Missing picks.
- B) Floats or skips.
- C) Pinholes.

69. RIG041 RIG

How is a suspension line attachment loop of a ram-air canopy repaired if the surrounding material is not stressed?

The broken loop is

- A) completely removed and a new loop stitched in place.
- B) cut off even with the bottom of the seam and a new loop stitched over the remnant of the old loop.
- C) rejoined using the fingertrap method then bar tacked with a zig-zag stitch.

70. RIG009 RIG

How should repair of a canopy with both fabric and line damage be accomplished?

- A) Lines should be repaired first.
- B) Fabric should be repaired first.
- C) The order of repair depends on the type of materials used in the construction of the assembly.

71. RIG009 RIG

What is the reason for matching the weave of the patch material with that of the canopy being repaired?

- A) To provide a more pleasing appearance.
- B) So that the permeability of the canopy is unchanged.
- C) To assure that the patch elasticity is the same as the canopy material.

72. RIG001 RIG

What test method is used to determine tear resistance of fabric having approximately the same strength in both warp and fill directions?

- A) Trapezoid.
- B) Tongue.
- C) Tangent.

73. RIG013 RIG

What is the correct procedure for measuring replacement Spectra line? Before marking, tension under

- A) 10 lbs.
- B) 5 lbs. for 30 minutes.
- C) 30 lbs. for 30 seconds.

74. RIG040 RIG

When repairing a broken stitch in a canopy seam, what action should be taken?

- A) Overstitch for at least 1 inch on each end.
- B) Reinforce the seam by applying a patch.
- C) Sew back and forth across the ends of the broken stitch.

75. RIG007 RIG

A rough locking cone surface sometimes can be field repaired by

- A) rotating 180 degrees and reinstalling.
- B) grinding the cone using an emery wheel.
- C) dressing the cone with No. 2 sandpaper.

76. RIG042 RIG

Why is it necessary that the open end of pack opening elastic or spring band hooks be closed with pliers?

- A) The pilot chute canopy or suspension lines have less chance of catching on hooks.
- B) The hook may slip out of the eye when the pack opens unless assembled in this manner.
- C) The hook and eye is easier to assemble in this manner.

77. RIG035 RIG

A ripcord pin that is slightly bent is

- A) cause for corrective action.
- B) of little concern because the safety hazard is negligible.
- C) desired for easier pack closing.

78. RIG044 RIG

What is the most accepted process used when cutting nylon webbing?

- A) Shearing.
- B) Seaming.
- C) Cutting.

79. RIG007 RIG

What precaution must be observed when replacing a broken or missing eye on a container?

- A) Replace the eye and the pack opening band hook.
- B) Sew the eye to a reinforced area of the container.
- C) Replace the eyes adjacent to the broken or missing one.

80. RIG014 RIG

Why is an acid stain more serious than any other type of stain on a parachute?

- A) It may not be detected until deterioration of the fabric occurs.
- B) It can be treated only at a certificated repair facility.
- C) No repair is authorized.

81. RIG013 RIG

When preparing braided line for a finger trap loop, how should the line be cut? The end should be

- A) sheared straight.
- B) trimmed diagonally with a hot knife.
- C) trimmed diagonally with a pair of scissors.

82. RIG030 RIG

- (1) Dyeing of a canopy is an alteration.
  - (2) Replacement of a suspension line is a minor repair.
- Regarding the above statements, which of the following is true?

- A) Only No. 1 is true.
- B) Only No. 2 is true.
- C) Both No. 1 and No. 2 are true.

83. RIG030 RIG

- Any repairs to a parachute must be done in accordance with procedures
- A) approved by the FAA Administrator or the manufacturer of the parachute.
  - B) contained in TSO-C23b.
  - C) contained in 14 CFR part 65.

84. RIG038 RIG

- When operating a sewing machine, which of the following can occur if the feed dog is positioned too high?
- A) Staggered stitches.
  - B) The cloth will pucker.
  - C) Stitches will break or pull out.

85. RIG039 RIG

- Which component of the sewing machine used for parachute repair work prevents the thread from becoming split by the needle as it travels through the material?
- A) The needle bar.
  - B) The thread take-up lever.
  - C) The needle thread controller spring.

86. RIG037 RIG

- What determines the proper size sewing machine needle to use in repairing a parachute?
- A) The machine being used.
  - B) The size of hole in the feed dog.
  - C) The thread size and material being used.

87. RIG037 RIG

Which of the following is used to determine the size of the sewing machine needle to be used for a particular job?

- A) Size of the hole in the feed dog.
- B) Length of the seam to be sewn.
- C) Thread size and type of cloth.

88. RIG038 RIG

Figure 10 is a cross section of a series of lock stitches sewn by machine. Which action will aid in correcting the fault shown?

- A) Decrease bobbin thread tension and increase needle thread tension.
- B) Increase bobbin thread tension and decrease needle thread tension.
- C) Increase presser foot pressure and decrease feed dog pressure.

89. RIG036 RIG

Normally, when hand sewing loose eyes on a parachute container, each step should be sewn with

- A) six turns of a double 3-cord nylon thread.
- B) five turns of a single 6-cord nylon thread.
- C) two turns of a 3-cord cotton doubled and waxed thread.

90. RIG021 RIG

Which type of stitch should be used for sewing a tear in a parachute container in preparation for patching?

- A) Backstitch.
- B) Baseball stitch.
- C) Darning stitch.

91. RIG026 RIG

A certificated parachute rigger may not pack and seal a parachute to which an Airworthiness Directive applies unless

- A) the conditions stated in the Airworthiness Directive allow further operation.
- B) a master rigger approves all deviations to conditions in the Airworthiness Directive.
- C) the unit is a reserve parachute.

92. RIG006 RIG

Many modern high-speed aircraft are equipped with drag chutes which are deployed upon landing to slow the aircraft. Which of the following may pack, rig, and approve for return to service this type parachute?

- A) A certificated mechanic with an airframe rating.



B) The pilot or owner of the aircraft.

C) A master parachute rigger.

93. RIG006 RIG

A parachute rigger is required to present his/her certificate for inspection upon the request of

A) the owner of a parachute the rigger has packed.

B) any Federal, state, or local law enforcement officer.

C) a certificated pilot or flight instructor.

94. RIG006 RIG

How many of the following may alter the auxiliary parachute of a single harness dual parachute pack?

(1) The owner of the parachute.

(2) The person who is to use the parachute.

(3) A certificated senior parachute rigger.

A) None.

B) One.

C) Two.

95. RIG030 RIG

(1) A senior parachute rigger may make minor harness repairs for the types of parachutes for which he/she is rated.

(2) A senior parachute rigger may alter the length of the bridle line that attaches the pilot chute to the canopy.

Regarding the above statements, which of the following is true?

A) Only No. 1 is true.

B) Only No. 2 is true.

C) Both No. 1 and No. 2 are true.

96. RIG006 RIG

Which of the following is privileged to perform alterations to the auxiliary canopy of a single harness dual parachute pack to be used for intentional jumping?

A) The owner of the parachute.

B) A certificated and appropriately rated master parachute rigger.

C) A certificated and appropriately rated senior parachute rigger.

97. RIG006 RIG

Who may supervise other individuals in the proper methods and procedures of packing, maintaining, and altering parachutes?

- A) A certificated master parachute rigger who holds the appropriate ratings.
- B) A certificated senior parachute rigger who also holds a currently valid parachute instructor's certificate.
- C) A certificated senior parachute rigger, but only for the types of parachutes for which he/she is rated.

98. RIG027 RIG

Which of the following statements is true concerning the minimum facilities and equipment required for a parachute rigger to pack the main parachute of a single harness dual parachute pack to be used for intentional jumping?

- A) The facilities and equipment requirements of the FAR's do not apply in this instance.
- B) The packing must be done in a parachute facility rated for general maintenance, minor repair, canopy overhaul.
- C) The packing may be done outside a properly equipped facility only by an appropriately rated master parachute rigger.

99. RIG031 RIG

If requested to pack a parachute intended for emergency use, in a manner other than the manufacturer's approved method, what should a certificated rigger do?

- A) Pack the parachute in the manner requested and drop test it to determine if the rate of opening is acceptable.
- B) Request the local FAA inspector to approve the deviations from the manufacturer's approved method.
- C) Refuse to pack the parachute in the manner requested.

100. RIG006 RIG

Who may install Capewell fasteners (for a main back pack) on a single harness dual parachute pack?

- A) Master parachute rigger.
- B) Military rated parachute rigger.
- C) Person using the parachute for intentional jumping.

101. RIG006 RIG

You have received your Senior Parachute Rigger Certificate within the last 30 days. If you are requested to pack a parachute under the privileges of your certificate, and you hold the proper rating,

- A) you may pack the parachute because you have performed duties under your certificate for 30 days within the previous 12 months.
- B) you may pack the parachute because you have shown the FAA Administrator you are able to perform those duties.
- C) you may not pack the parachute.

102. RIG009 RIG

(1) If a drop test is required to determine the serviceability of a canopy, a certificated senior parachute rigger may perform the drop test.

(2) A senior parachute rigger may replace pack opening elastic or spring bands.

Regarding the above statements, which of the following is true?

A) Only No. 1 is true.

B) Only No. 2 is true.

C) Both No. 1 and No. 2 are true.

103. RIG006 RIG

If a tear continued across a radial seam of an auxiliary pack canopy, who is authorized to make the repair?

A) A master parachute rigger.

B) A senior parachute rigger with an appropriate rating.

C) The user of the parachute.

104. RIG027 RIG

What facilities and equipment are required for a certificated parachute rigger to pack the main parachute of a dual parachute pack to be used by him/her for intentional jumping?

A) Facilities for airing and drying.

B) Adequate housing facilities to perform his/her duties.

C) None.

105. RIG033 RIG

Which of the following Federal Aviation Regulations should the parachute rigger be knowledgeable of?

A) FAR Parts 63 and 145.

B) FAR Parts 65 and 105.

C) FAR Parts 63 and 147.

106. RIG034 RIG

What Federal Aviation Regulation prescribes rules for intentional parachute jumping?

A) FAR Part 65.

B) FAR Part 91.

C) FAR Part 105.

107. RIG003 RIG

What is the lead seal identifying mark used for?

- A) To seal a parachute pack.
- B) To show if the pack has been opened.
- C) To identify a certificated parachute rigger.

108. RIG006 RIG

Which of the following may alter the auxiliary parachute of a single harness dual parachute pack?

- A) The owner of the parachute.
- B) A certificated master parachute rigger.
- C) The person who intends to use the parachute.

109. RIG006 RIG

The packing, maintaining, or altering of a parachute must be performed following the procedures

- A) prescribed in FAR Part 65.
- B) approved by the FAA Administrator or the parachute manufacturer.
- C) contained in TSO-C23b.

110. RIG031 RIG

A certificated parachute rigger shall not exercise the privilege of his/her certificate and type ratings unless he/she understands the current manufacturer's instructions for the operation involved and

- A) has satisfactorily packed not less than 20 parachutes within the preceding 90 days.
- B) has performed duties under his/her certificate for at least 90 days within the preceding 12 months.
- C) has performed duties under his/her certificate within the preceding 90 days.

111. RIG031 RIG

During the inspection of a parachute intended for emergency use, a certificated senior parachute rigger finds a canopy section which shows evidence of weakness or damage. What procedure should be followed?

- A) Contact the local FAA inspector for disposition instructions.
- B) Refuse to pack the parachute in that condition.
- C) Pack the parachute; however, a rejection tag should be placed in the record pocket.

112. RIG006 RIG

What do the Federal Aviation Regulations consider to be the service life of a parachute?

- A) As long as it is in condition for safe operation.
- B) 5 years.
- C) 7 years.

113. RIG032 RIG

During the assembly of approved parachute components, if a conflict arises between the canopy manufacturer's instruction's and the container manufacturer's instructions how should the rigger proceed? Precedence should be given to the

- A) intended use of the assemble.
- B) canopy manufacturer's instructions.
- C) container manufacturer's instructions.

114. RIG032 RIG

A person who is authorized to perform alterations to parachutes must record which of the following alterations to a single harness dual parachute pack?

- 1. The main parachute.
- 2. The harness.
- 3. The auxiliary parachute.
- 4. The auxiliary parachute container.
- 5. The main parachute container.

- A) 1, 2, 3.
- B) 2, 3, 4.
- C) 3, 4, 5.

115. RIG032 RIG

After packing a parachute, a rigger shall enter which of the following on the packing record attached to the parachute?

- A) The date, the rigger's certificate number, and his/her seal symbol.
- B) The rigger's certificate number and signature, the date and place of packing, and a notation of any defects found upon inspection.
- C) The rigger's signature, the date, and the place of packing.

116. RIG032 RIG

How long must a parachute rigger retain a record of parachute packing, maintenance, and alterations?

- A) For at least 2 years after the disposal of the parachute.
- B) For at least 2 years after the date of record.
- C) For at least 1 year after completion of the work.

117. RIG020 RIG

As canopy aspect ratio increases, glide angle

- A) becomes steeper.
- B) becomes flatter.
- C) remains unchanged.

