



Pre-Exam Self Review

What is approved on a parachute system, and what is not?

Who may pack a main parachute?

Who may teach packing a main parachute?

How long prior to a jump must an emergency parachute made of natural materials be packed?

May a rigger pack an emergency parachute with an AAD that is about to expire but is still in date?

Who may open and close an emergency parachute to perform service or maintenance between repack dates without repacking it?

What is the difference between a rigger rating and certificate?

What is the difference between a major and a minor repair?

What are the limits for a canopy patch that may be performed by an FAA senior rigger (main and reserve)?

Who may replace a suspension line on a main canopy?

May a senior rigger supervise someone to repair a parachute (main and reserve)? Master?

May a senior rigger assemble an AAD into a rig that's ready for it? If not, who may?

May a rigger replace Velcro on riser covers?

May a senior rigger remove and replace a grommet on a reserve closing flap?

May a senior rigger replace a BOC pouch?

May a rigger supervise a tandem pack job by a non-rigger?

What must a rigger do during inspection and preparation before assembling or packing a parachute system?

Name all the items that MUST be included on a data card. And same for the logbook entry.

Who may iopen, close, and seal an emergency parachute that a senior rigger has packed?

Why must a parachute be hung evenly to dry? How is that done on a round canopy? Ram-air?

Why do we daisy chain lines?

When putting a rigger rolled parachute into a tote-container for storage, where does the parachute container go, top or bottom?

What general environmental conditions are required for a parachute packing area/loft?

Will fungus damage nylon? Silk? Cotton?

Why not wash or clean a mildly soiled parachute canopy? Container?

If necessary to wash a parachute canopy, what care must be taken?

What can be done to address “hard” water used for washing a parachute?

What is the best way to remove blood or insect stains from a parachute?

Where should a parachute be hung to dry?

Who may attach an assist device to a parachute rigged for static-line deployment?

Is an assist device required when rigging a ram-air canopy for direct-bag deployment? Round canopy?

What is the breaking/detachment range in pounds required for pilot-chute assist, static-line deployment? How much for direct bag?

May a rigger supervise a non-rigger to attach a static-line assist device?

What is the approximate shear strength of Velcro touch fastener (pound per square inch)?

Why should you not reverse the mating surfaces of Velcro when replacing it?

What effect does water have on the mating strength of Velcro? Cold temperatures? Sand, dirt, and debris?

How can you prevent hook Velcro damage to lines and other parts while packing or maintaining a parachute?

When sewing on a strip of Velcro, what is the correct method to keep it flat on the fabric so it doesn't bubble up in the middle?

What types of stitching patterns is mostly used to secure fingertraped joints in a line assembly?

What action must you take before measuring lines?

What is the minimum fingertrap length to use when splicing or joining lines?

What is the method of cutting a line that is to be used in a fingertrap joint?

How long must lines be pretensioned and for how long before measuring?

On a harness, what are the key hardware load ratings (strengths) to remember: chest strap? Legstraps adapters? Tandem passenger harness hooks and D-rings?

On a the hardware used for leg straps friction adapters, which part of the sliding bar goes on top, thicker or thinner?

Why is there an extra edge shaped into the bottom of a typical friction adapter used on many harnesses?

What is the correct action to take if rust from the hardware gets into the webbing?

What is the name and purpose of the additional short piece of webbing inserted between the hardware and the actual load-bearing webbing?

What is the likely result if a harness friction adapter is installed upside down or backwards?

What thread is used in most canopy and container construction? (Military specification and commercial name)

What is it made of and what is its rated strength?

How many stitches per inch do we use when patching a canopy or repairing a container?

What is seal thread made of and what is its rated strength?

What is the minimum over stitch when sewing a patch on a canopy (or on a typical container repair)?

What is the correct sewing machine adjustment if the stitch row looks good on top but has regular SMALL loops appearing on the bottom? What about BIG loops that may even entangle?

What is the likely problem if the seam looks “puckery?”

What is the likely problem if the fabric looks distorted and disturbed alongside the seam?

What might cause a needle to break while you’re sewing?

What might cause irregular or skipped stitches on a stitch row?

When would you perform a TS108 or PD strength test on canopy fabric?

Why is it important to avoid the clamps slipping when performing a fabric strength test?

How far apart do you set the clamps, and how much tension for how long do you pull for a fabric strength test?

Why is it necessary to have a STANDARDIZED fabric pull test with a limit to the time and number of pounds of tension?