

## BRITISH SKYDIVING ACCEPTABLE RESERVE SEALING METHOD

The British Skydiving Operations Manual states the following in Section 6 (Equipment) Paragraph 8.11 (Reserve Sealing Thread.)

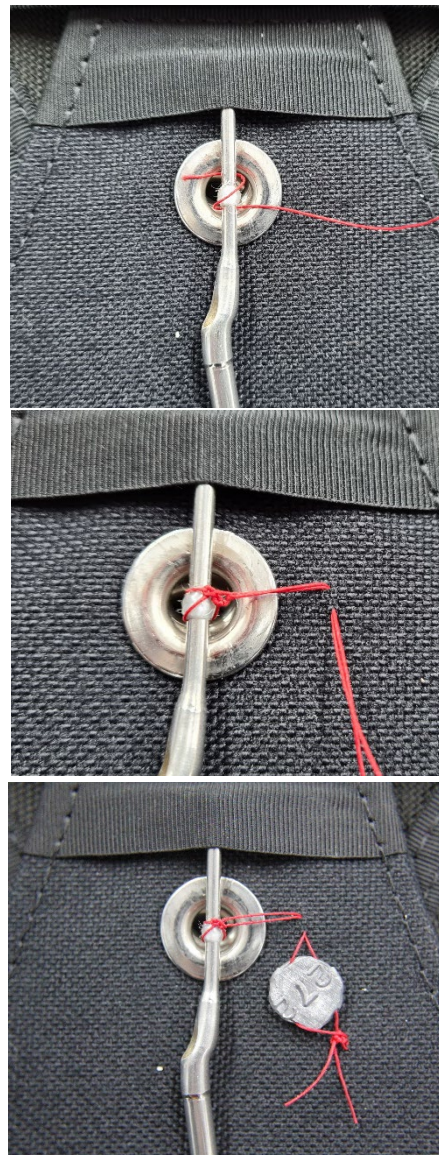
“Only Riggers, Advanced Packers, and Packers with the appropriately endorsed packing certificate may seal reserves and must use a method acceptable to the British Skydivers Riggers Sub-Committee. The rigger/packer should use a method of identification that is identifiable to him/her. Seal thread must be thread manufactured with a tensile strength of 4.75 lbs and should break at no more than 6lbs. (NSN 8310-01-493-6063) The sealing of reserves is optional.”

There are two methods of sealing a reserve. Both methods can use either a lead seal and press, or a paper label, as the method to identify the rigger/packer.

### **Method One:**

This method is so designed to ensure the thread does not have to be broken to operate the ripcord, thereby not increasing the pull force required. This method also ensures the lead seal is kept away from the pin and grommet to avoid any adverse interference.

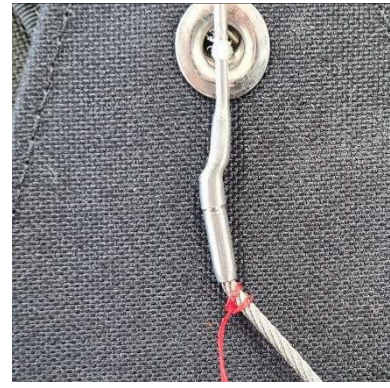
- Take a piece of Safety Thread approximately 40cm long.
- With the rig laying on a flat surface, the reserve pin visible and orientated in 12 O'clock and 6 O'clock position.
- Take one end of the thread and **above** the closure loop, pass the Safety Thread under the closing pin, from right to left.
- Using the same end, **below** the closure loop, pass the Safety Thread under the closing pin, from right to left.
- Tie a Surgeons knot.
- Find a clear space alongside the grommet and tack both ends of the thread through the fabric.
- Fit an appropriate seal or label.
- Compress with a seal press.
- Find a clear space alongside the seal and tack one end of the thread through the fabric.
- Tie a Surgeons knot.
- Trim the threads to no shorter than 10mm.
- Check your work.
- Count your tools.



**Method Two:**

This method is so designed to ensure the thread must be broken to operate the ripcord, which unfortunately increases the pull force. This method has a better international acceptance than method one.

- With the rig laying on a flat surface and the reserve pin visible and orientated in 12 O'clock and 6 O'clock position.
- Take a piece of Safety Thread approximately 40cm long, find the middle and tie two larks head knots around the ripcord cable, just above the shank of the ripcord pin.
- Thread one end of the thread through the lead seal and under the reserve ripcord pin, below the grommet, then back through the lead seal using the other hole.
- Tie a Surgeons knot with the other end of the thread. N.B. Leave enough slack in the thread to allow for movement of the pin, but not too much so that the pin can be extracted without breaking the thread.
- Trim the threads to no shorter than 10mm.
- Position the seal over the knot and compress with the seal press.
- Check your work.
- Count your tools.



With a 'Skyhook' type pin route the thread through the eye of the pin.



**Ensure that the seal cannot fall into the grommet.**



**Paper label:**

This should be approximately 40mm long x 20mm wide. The information on the label should contain the following: Rigger's identification mark / Date of seal / Rigger signature.



**Maintaining the highest safety standards in our sport.**