



S&S Precision LiftR™ Series Life Jacket

Pre-Mission Inspection Checklist

Pre-Mission Inspections should take place before any planned dive training cycle & 1x a week

Diver Name _____

Date _____

Serial Number _____

LiftR™ Version: ☐ 40 / ☐ 80

Initials

- _____ 1. Visually inspect the outer LiftR™ cover, nylon straps, and plastic buckles and snaps for damage.
- _____ 2. Unzip LiftR™ cover and remove LiftR™ bladder from cover. Visually inspect.
- _____ 3. With CO₂ cartridge removed, visually inspect and test proper function of actuator. If needed, lightly lubricate with Krytox.
- _____ 4. Ensure actuator pull cord is securely attached to the actuator arm and free and clear for operation when pull handle is activated. Pull handle should be properly oriented and installed in pull handle pocket.
- _____ 5. Weigh CO₂ cartridge (LiftR 40 = 45g / LiftR 80 = 86g) Ensure weight is within gram weight depicted on CO₂ cartridge.
- _____ 6. Ensure cartridge threaded tip is properly inserted into LiftR™ retention pocket before threading into the actuator. Install CO₂ cartridge hand tight.
- _____ 7. Ensure oral inflation valve is stowed properly in stowage loop.
- _____ 8. Check proper function of the manual dump/over-inflation valve lifts open and reseats when bladder is overinflated. Make sure dump valve cord is free and clear.
- _____ 9. Ensure no leaks by submerging fully inflated LiftR™ and checking for leaks or by letting fully inflated LiftR™ sit for one hour without losing bladder firmness.
- _____ 10. Fully deflate LiftR™ bladder and pack according to manual.
- _____ 11. Have diving supervisors review and sign off.



WARNING: If any leakage can be heard or if the bladder begins to deflate within 10 minutes, DO NOT attempt to use the LiftR™ until it has been repaired by a trained technician.

Remarks

Diver Signature _____ Supervisor Signature _____



S&S Precision LiftR™ Series Life Jacket

Pre-Dive Inspection Checklist

Diver Name _____

Date _____

Serial Number _____

LiftR™ Version: ☐ 40 / ☐ 80

Initials

- _____ 1. Visually inspect the outer LiftR™ cover, nylon straps, and plastic buckles and snaps for damage.
- _____ 2. Unzip the LiftR™ cover and ensure unused CO₂ cartridge is in retention pocket and properly installed into the actuator hand tight.
- _____ 3. Ensure actuator pull cord is securely attached to actuator arm and free and clear for operation when pull handle is activated. Pull handle should be properly oriented and installed in pull handle pocket.
- _____ 4. Check operation of oral inflation valve and manual dump valve. Ensure oral inflation valve is stowed properly in stowage loop. Make sure dump valve cord is free and clear.
- _____ 5. If LiftR™ is unpacked, repack according to LiftR™ manual and zip LiftR™ shut.
- _____ 6. Properly attach LiftR™ to carrier.
- _____ 7. Have the Diving supervisors review S&S Precision instructions for proper attachment to various plate carriers, and sign off on installation.



WARNING: If any leakage can be heard or if the bladder begins to deflate within 10 minutes, DO NOT attempt to use the LiftR™ until it has been repaired by a trained technician.

Remarks

Diver Signature _____ Supervisor Signature _____



S&S Precision LiftR™ Series Life Jacket

Post-Dive Inspection Checklist

Diver Name _____

Date _____

Serial Number _____

LiftR™ Version: ☐ 40 / ☐ 80

Initials

_____ 1. Rinse LiftR™ in fresh water.

_____ 2. Ensure no water remains inside bladder.

_____ 3. Inspect LiftR™ for damage and report any discrepancies to the Dive Supervisor.

_____ 4. Allow LiftR™ to completely air dry. Do not expose to direct sunlight.

_____ 5. Store LiftR™ in a clean, dry area away from extreme temperatures.

CAUTION:

- **Avoid prolonged exposure to sun and extreme heat to prevent deterioration of the outer soft goods and damage to hardware.**
- **Avoid repeated or prolonged use in water that is heavily treated with pool chemicals to prevent premature decay of the fabric.**
- **To prevent damage to the bladder, do not allow the LiftR™ to chafe against sharp or rough objects and do not set or drop heavy objects on vest.**
- **Avoid contact with oil, gasoline, or other solvents.**
- **To prevent premature damage from corrosion, salt crystals, or chlorine attack, thoroughly rinse the LiftR™ and components inside and out with fresh water at the end of each diving day.**

Remarks

Diver Signature _____ Supervisor Signature _____



S&S Precision LiftR™ Series Life Jacket

Post-Mission Inspection Checklist

Diver Name _____

Date _____

Serial Number _____

LiftR™ Version: ☐ 40 / ☐ 80

Initials

- _____ 1. Unzip LiftR™ and remove bladder from cover.
- _____ 2. Rinse entire LiftR™ in fresh water.
- _____ 3. Ensure no water remains in LiftR™.
- _____ 4. Allow LiftR™ to completely air dry. Do not expose to direct sunlight.
- _____ 5. Remove CO₂ cartridge.
- _____ 6. Repack LiftR™ according to manual and zip LiftR™ shut.
- _____ 7. Store LiftR™ in a clean, dry area away from extreme temperatures.

CAUTION:

- **Avoid prolonged exposure to sun and extreme heat to prevent deterioration of the outer soft goods and damage to hardware.**
- **Avoid repeated or prolonged use in water that is heavily treated with pool chemicals to prevent premature decay of the fabric.**
- **To prevent damage to the bladder, do not allow the LiftR™ to chafe against sharp or rough objects and do not set or drop heavy objects on vest.**
- **Avoid contact with oil, gasoline, or other solvents.**
- **To prevent premature damage from corrosion, salt crystals, or chlorine attack, thoroughly rinse the LiftR™ and components inside and out with fresh water at the end of each diving day.**

Remarks

Diver Signature _____ Supervisor Signature _____