

Cave Adventurers Sidewinder Checklist

Diver _____

/ /
Date _____

- Check mouth piece for tears
- mushroom valve check
- INSPECT** and lube o-rings on loop
- turn on computer, note millivolts, do initial math on Linearity Worksheet and CHECK COMPUTER BATTERY
- Pack scrubber cannisters
- INSPECT** and lube cannister head o-rings
- Install heads with proper tower alignments
- install right side cannister onto harness plate
- properly route O2 hose and 1st stage, connect to O2 bottle
- install left side cannister onto harness plate
- INSPECT** and lube counter lung o-rings
- install counter lung (be sure to install locking clips also)
- position counter lung and cannisters outside of waist belt
- connect bungee loops and cannister bungee retainers
- verify the EXHALE side (right side) of loop and install loop onto cannister towers
- perform NEGATIVE check
- plug in off board O2 source to diluent hose
- add O2 to unit in small spurts via ADV
- monitor PO2 reading for smooth and even increases
- once stabilized lightly press ADV and hold for slow flow of O2 and note millivolts and complete the LINEARITY WORKSHEET
- If needed, calibrate your computer
- close DSV, perform POSITIVE check and then close valve on O2 and purge remaining O2 into sidewinder

Cave Adventurers Linearity Worksheet

mv	/ 0.21	X 1.6	Actual	%

**** When INSPECTING any o-rings, please note that you should not only inspect them visually but you should also lightly run your fingers over any and all o-rings to feel for nicks, bumops, or ANY IMPERFECTIONS!**