

# 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!**