

XCCR Checklist

Date: / / Initials:

- Pack Scrubber Cannister
 - Be sure to pack to line inside scrubber cannister
 - Slap, tap with mallet, roll.
 - Install scrubber, remaining duration: _____ Hrs
- Install O₂ cells, cell cover, and attach head. Check Red Dots are aligned!
- Install wing, counterlungs, backplate.
 - Velcro counterlung tabs and MAV feed hoses to harness, connect wing inflator.
- Loop assembly:
 - Check mushroom valve function, check mouthpiece for tears
 - Check O-rings are clean, lubricated, and free of damage
 - Attach loop (push, click and twist at Tee's)
 - Connect MAVS.

- Dive Computer:
 - Switch on, check SOLENOID battery: _____ V
 - Check HANDSET battery: _____ V
 - Check O₂ cell voltages:

	Cell 1 mV	Cell 2 mV	Cell 3 mV
In air			
x 4.76			
In O ₂			

- Use adapter to add O₂, check cell linearity & calibrate computer & HUD.

- Install O₂ and DIL tanks:

	O ₂ %	Pressure, PSI	
DIL			
O ₂			MOD @ 1.6ATA
B.O.			
O ₂ B.O.			20ft

- Program all gases (CC & BO) to computer
- Switch off O₂ and DIL for leak test.

- Perform pre-dive checks:

- Pre-breathe:
 - Check ADV, BOV, MAVs, solenoid & Power Inflator function.
 - Increase loop pO₂ to 0.7 ATM & check pO₂ setpoints.
- Ensure O₂ and DIL are switched off:
 - Perform positive check
 - Perform negative check