

FATHOM CCR BUILD CHECKLIST			
CONSUMABLES			
Fill and analyze onboard O ₂	FO ₂		psi/bar
Fill onboard inflation gas			psi/bar
Total scrubber duration			min
Remaining scrubber duration			min
Handset battery			volt
HUD battery (Low = orange flashing 30 sec)			initial
O ₂ cells < 1 year	mm/yy	mm/yy	mm/yy
Air mV (9-14 mV)	mV	mV	mV
ASSEMBLY			
Insert scrubber, spacer, and chammies			initial
Inspect head o-rings (4 total)			initial
Install head w/ line-lock			initial
Mount onboard cylinders			initial
Inspect and install wing & counterlungs			initial
Attach backplate & harness			initial
Flow test BOV/DSV mushroom valves			initial
Inspect and assemble breathing loop			initial
Secure HUD to breathing loop			initial
Connect O ₂ and diluent MAVs			initial
Connect O ₂ and inflation gas regulators			initial
O ₂ regulator IP (205-290 psi/14-20 bar)			psi/bar
PRESSURE TESTS			
Positive (2-3 min w/ gas off)			Initial
Negative (2-3 min w/ gas off)			initial
Pneumatics (MAVs, wing, drysuit)			initial
CALIBRATION			
Calibrate handset			initial
O ₂ mV (43-67 mV)	mV	mV	mV
Verify cell linearity (air mV x 4.77 = O ₂ mV)			initial
Calibrate HUD			initial
Signature			Date

FATHOM CCR PRE-DIVE CHECKLIST
LOW PRESSURE – Positive & Negative
HIGH PRESSURE – Everything that flows gas
HANDSET – Verify settings
PREBREATHE – 2-3 min verifying PO ₂