

# FireHAWK<sup>®</sup> M7 Air Mask

## SCBA INSPECTION WITH CLEAR COMMAND COMMUNICATION SYSTEM



### FACEPIECE

1. Inspect the facepiece for rubber deterioration, dirt, cracks, or tears.
2. Inspect head harness straps for tears, loss of elasticity, loose stitching, or missing buckles or straps.
3. Inspect the lens for cracks, scratches, and a tight seal.
4. Inspect the facepiece inlet for damage. Ensure that the spider gasket and valve disc are present.

### FIREHAWK M7 HUD TRANSMITTER (HEADS-UP DISPLAY)

1. Inspect the FireHawk M7 HUD Heads-Up Display and Heads-Up Display Transmitter (less PASS unit) for cracks or other signs of damage.
2. Ensure that battery cap and thumb screw are tight and secure.

### CLEAR COMMAND COMMUNICATION SYSTEM

1. Inspect the housing for cracks or signs of damage.
2. Depress the on/off button. The red LED should be illuminated.
3. Scrape a fingernail lightly across the voicemitter microphone grille. Listen for this sound reproduced in the amplifier.
4. Depress the on/off button again to turn the unit OFF. The red LED should be OFF.

### FIREHAWK M7 SCBA PNEUMATIC COMPONENTS

1. Inspect regulators for cracks, signs of heat or chemical related damage, or other signs of damage.
2. Inspect hoses for cuts or severe abrasions. Ensure that all hose connections are secure.
3. Inspect Audi-Larm™ Audible Alarm for cracks or damage. Ensure that URC fitting is free of debris or damage, bell is aligned and secure, and handwheel o-ring is present and not damaged. Ensure that the handwheel is firmly hand-tight.
4. Refer to FireHawk M7 SCBA Operation and Instruction Manual for monthly inspection procedures.

### CYLINDER AND VALVE ASSEMBLY

1. If the cylinder is less than FULL (within 10% of rated service pressure), recharge it before use.
2. Inspect the cylinder valve and body for signs of damage.
3. Ensure that the needle and gauge face on the cylinder valve gauge are clearly visible and that the gauge stem is not bent.
4. Inspect the pressure relief valve. Ensure that relief holes are clear and free of debris or other contaminants.

### FIREHAWK M7 SCBA CONTROL MODULE

1. Inspect the gauge hose and power cable for any visible signs of damage.
2. Inspect for external cracks in the housing and ensure that rubber cover is not damaged.
3. Ensure that the buttons are not damaged or missing.
4. Ensure that the gauge hose and power cable are securely attached to the FireHawk M7 Control Module.

### FIREHAWK M7 SCBA POWER MODULE

1. Inspect the FireHawk M7 Power Module housing for external cracks and ensure that the power module is securely attached to the backplate.
2. Ensure that the sound emitter covers are not obstructed by dirt or debris.
3. Ensure that the power cable is securely attached to the power module. Power cable fitting should not unthread by hand.
4. Ensure that battery cap is tight and secure.

### FIREHAWK M7 SCBA CARRIER AND HARNESS INSPECTIONS

1. Operate the cylinder band's latch wing to ensure that it opens and closes properly and that it holds the cylinder securely. If the cylinder band latch is locked, the latch wing should not turn.
2. Inspect the back plate for cracks, weakened areas, or signs of damage due to heat- or chemical-related damage.
3. Inspect all harness components for cuts, tears, abrasions, loose stitching, or signs of damage.



***This information only provides a summary of SCBA inspection procedures.  
Refer to the FireHawk M7 SCBA Operation and Instruction Manual for  
complete inspection requirements.***