

# TOP 10 REASONS

To Choose A FireHawk® M7 Air Mask

First approved to  
both NFPA 1981 and  
1982-2007 edition

**MSA**  
The Safety Company

# Top 10 Reasons to choose a FireHawk M7

## 1 Rescue Options

The all-new M7 carrier and harness comes standard with large **side handles** and a central **attachment point** for pulling firefighters to safety in rescue scenarios. Every FireHawk M7 Air Mask also comes standard with the **MSA Quick-Fill®** URC for SCBA-to-SCBA emergency transfilling.

But the unique rescue feature of MSA's Air Mask is its optional **Rescue Belt**, an NFPA compliant **emergency egress system**, integral to the SCBA waist belt, complete with a 50 ft. Kevlar line and rappelling hardware. With MSA, **every SCBA is a RIT Pack.**

*(Refer to MSA bulletin #0105-92-MC for the facts).*



## 2 Cross-Contamination Protection

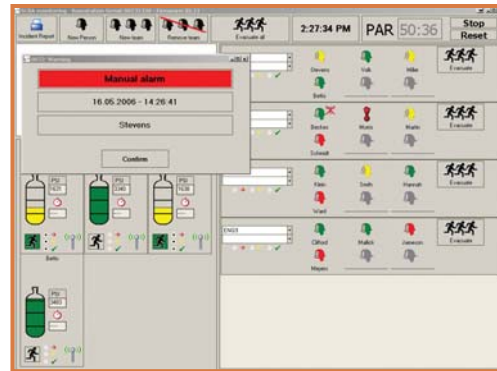
MSA's Ultra Elite® Facepiece is designed with a **one-way check valve** to prevent against cross-contamination of the Firehawk® MMR. Although regulators are shared among firefighters, harmful pathogens (*SARS, hepatitis, flu virus*) would be kept within each individual-issue facepiece instead of being spread among SCBA users.

*(Refer to MSA Bulletin #0105-52-MC for third-party laboratory competitive test results.)*



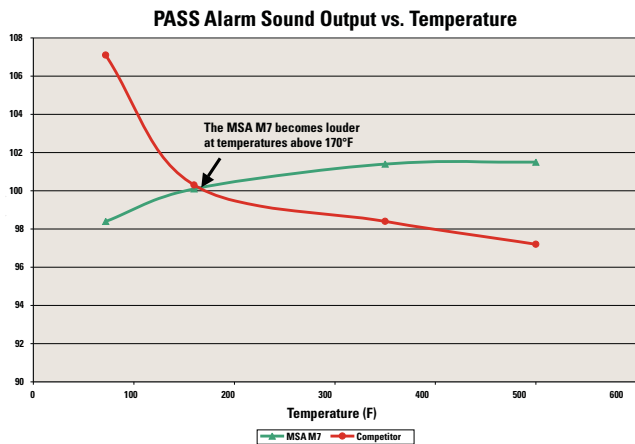
## 3 Fireground Management

MSA's new **M7 Accountability System** revolutionizes fireground safety by combining the latest computer software with a high-performance radio module and the field-proven technology of MSA's Integrated PASS. The system is capable of monitoring the vital statistics (*such as PASS alarm, air pressure, and thermal alarms*) of up to 100 firefighters, which can easily be viewed and understood by Incident Command. The system also features a PAR timer and 2-way evacuation alarm.



## 4 Best PASS Alarm

The M7 integrated PASS is the industry's top performer, with a **patent-pending alarm** that gets **LOUDER** in the heat! Its performance, optimized for temperatures above 200° F, becomes louder all the way to 500° F. In comparison to conventional PASS alarms, the M7 alarm is louder at any temperature above 170° F, and as much as **40% louder** at 500° F! *(See the white paper on MSA.net.com.)*



# 7 Air Mask.

The M7 PASS also serves as an **on-board computer**, providing critical information such as a time-remaining calculation, cylinder pressure, battery status, and a thermal alarm. The critical information is logged into memory and can be downloaded to a PC if needed.

Complementing the M7 PASS is a state-of-the-art HUD, with a **photo sensor** to adjust light intensity to ambient light conditions, **buddy lights** on the front and rear of the Air Mask for enhanced visibility, and 4 C-cells providing most departments with greater than one year of battery life.



An important factor in the performance of electronics is **RFI protection** (*radio frequency interference*). Some SCBA products on the market will clearly warn against RFI interference, causing the PASS device to shut off in the presence of a handheld radio. MSA has taken extensive measures to protect the PASS electronics from RFI.

Firefighters can be assured the M7 PASS will perform when it's most needed – both in the heat and in the presence of firefighter radios.

## 5 Light Weight

When comparing “apples to apples,” the MSA Air Mask is one of the lightest SCBA on the market. Due to the use of **modern materials for construction**, a fully equipped Air Mask (*consisting of a facepiece, a 30-minute high-pressure cylinder, HUD, RIC, carrier and harness assembly*) weighs **only 20 lbs, 8 oz.** In comparison, SCBAs made with metal backplates and less advanced designs can weigh close to of 25 lbs.

## 6 Comfort and Ease of Use

The contours of the Air Mask backplate were designed to provide lumbar support and spine relief for optimal stability and weight distribution. The new FireHawk M7 backplate also offers an optional **swiveling lumbar pad** for freedom of movement during crawling and climbing activities. Combined with the **wide sealing surface** and articulating component housing of the Ultra Elite facepiece, this Air Mask has all the necessary elements to **eliminate pressure points** and maximize comfort.

For ease of use, the Firehawk MMR is offered in either a Slide-to-Connect (STC) or Push-to-Connect (PTC) version. The STC uses a track on the facepiece, providing an ambient air “stand-by” position until it is time to “push and go” on SCBA air. The PTC gives the user the ability to “attach and go” in any regulator orientation with an easy-to-find funneled attachment point. What’s even better, the regulator **shuts off automatically** when disconnected! No more “fumbling” to stop the air flow. It doesn’t get any easier!



## 7 Extreme Air Flow

Sure, all SCBA flow is greater than 500 liters per minute in a static flow test, but firefighters don’t breathe that way. Firefighters breathe dynamically, like the Posi-Chek breathing machine that’s designed to test an SCBA.

A single MSA Air Mask can provide enough air so that **two NFPA breathing machines**, (*breathing simultaneously and connected to one facepiece*) **cannot over-breathe the SCBA!** Put to the ultimate test, the MSA Air Mask passed by sustaining a positive facepiece pressure under the most extreme dynamic flow conditions. That’s **0 to 640 LPM and back to 0** in 2 seconds! Air flow performance of the Air Mask is unquestionable!

## 8 Low Cost of Ownership

Just as you wouldn't ride on an aircraft that hasn't been maintained, firefighters shouldn't put their lives on the line with an SCBA that hasn't had preventative maintenance. Understanding that there is **no alternative** for preventative maintenance for lifesaving equipment, MSA has designed the Air Mask to have the fewest possible parts, to minimize cost of ownership. The Firehawk MMR has only 23 parts and requires no special tools. The 1st stage regulator has only 14 parts, in comparison to hundreds of parts in other brands.



Even at the reasonably high-frequency use of one cylinder every other day, the cost of ownership of an MSA FireHawk Air Mask **is less than \$10.33 per year**. This is a small price to help ensure the reliability of equipment that a firefighter's life depends upon with every use.

## 9 Best Service and Warranty In The Industry

Because we manufacture a **wide breadth of industry-leading products** (*Cairns® Fire Helmets, Evolution® TICs, Air Masks, fall protection, gas detectors, etc.*), MSA **attracts and retains** absolutely the **best distribution network** in the Fire Service, providing you with the absolutely best service and support.

There are over 2000 MSA-certified Air Mask repair centers (including distributors and fire departments). MSA's Certified Air Mask Repair Education (**C.A.R.E.**) program makes it easy for any customer to service their own SCBA and stay current with updates. MSA's **hassle-free warranty policy** encourages distributors to resolve issues "on the spot" and then follow up with our **on-line claims program** to maximize efficiency.

When you have the benefits of a first-class distribution network, an Air Mask **lifetime warranty**, with a **42-month electronics protection plan**, a C.A.R.E. program, and a highly reliable SCBA, it doesn't get any better!



## 10 Reliability That Your Life Depends On

You don't have to take our word for it. **Hundreds of thousands** of volunteer and career firefighters (and their families) depend on the reliability of the MSA Air Mask to bring them home safely every day. There is no greater reward for our years of dedication to the Air Mask than earning the trust of firefighters – with their lives.

Listed are just a few of the many Air Mask users who put their trust in MSA.

- Chicago, IL
- Nashville, TN
- Toronto, ON
- Portland, OR
- Cleveland, OH
- Minneapolis, MN
- New Orleans, LA
- Jacksonville, FL
- U.S. Coast Guard
- Detroit, MI
- Kansas City, MO
- Seattle, WA
- Milwaukee, WI
- Tampa, FL
- Tempe, AZ
- Honolulu, HI
- CA Dept of Forestry
- U.S. D.E.A.
- U.S. Air Force

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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