

MSA

DragonFly™ SA PASS



Rough and Ready

You'll Never Walk Alone

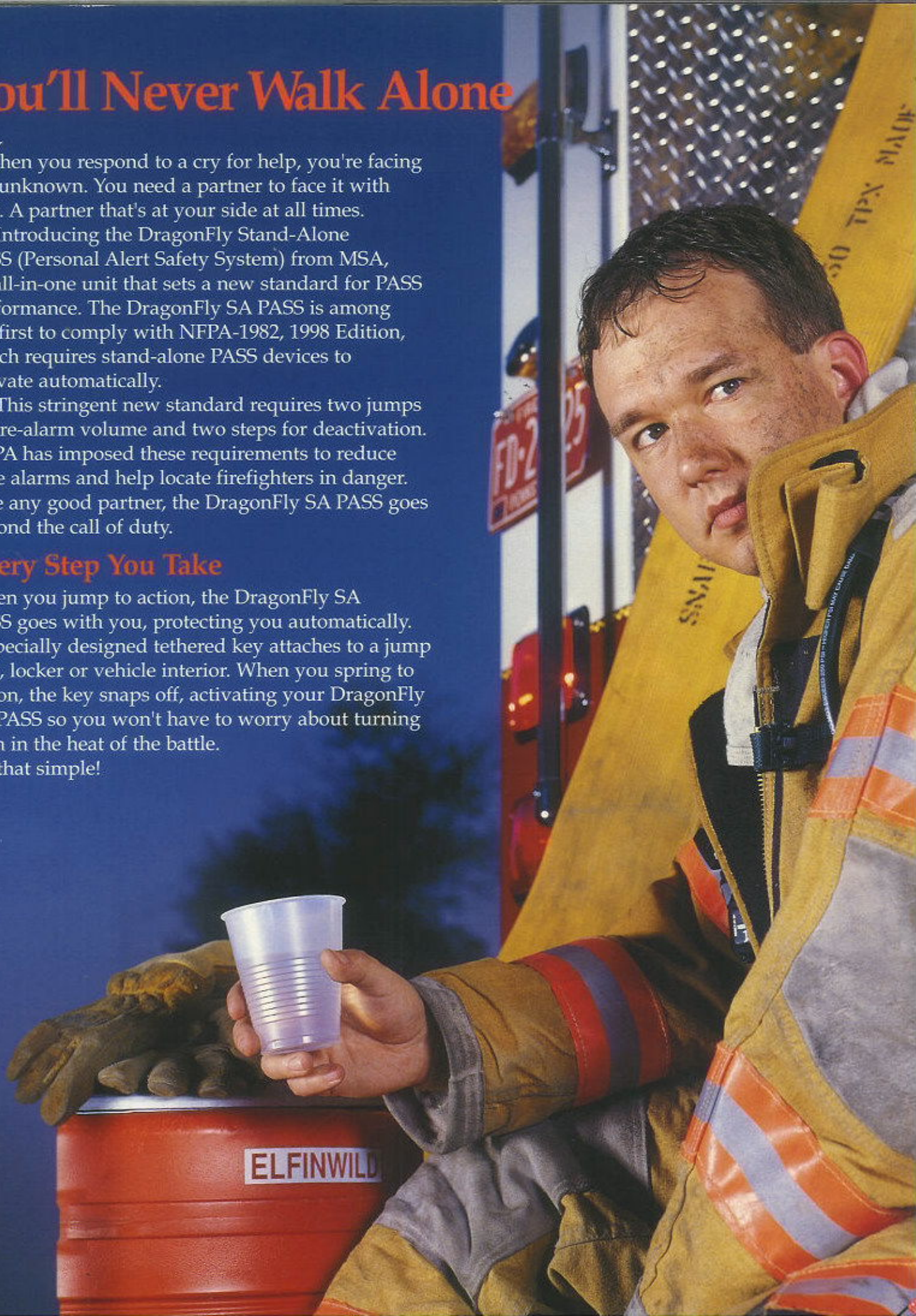
When you respond to a cry for help, you're facing the unknown. You need a partner to face it with you. A partner that's at your side at all times.

Introducing the DragonFly Stand-Alone PASS (Personal Alert Safety System) from MSA, an all-in-one unit that sets a new standard for PASS performance. The DragonFly SA PASS is among the first to comply with NFPA-1982, 1998 Edition, which requires stand-alone PASS devices to activate automatically.

This stringent new standard requires two jumps in pre-alarm volume and two steps for deactivation. NFPA has imposed these requirements to reduce false alarms and help locate firefighters in danger. Like any good partner, the DragonFly SA PASS goes beyond the call of duty.

Every Step You Take

When you jump to action, the DragonFly SA PASS goes with you, protecting you automatically. A specially designed tethered key attaches to a jump seat, locker or vehicle interior. When you spring to action, the key snaps off, activating your DragonFly SA PASS so you won't have to worry about turning it on in the heat of the battle. It's that simple!



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When your mission is complete, you can retrieve the key from the accountability board to turn off the device and indicate that you've made it out.



Once you grab your gear to go, the tethered key snaps off and automatically activates the unit.



When you need temporary relief from a fire, a rehab key attaches to the DragonFly SA PASS to shut off the unit.



Every Move You Make

The DragonFly SA PASS guards and protects you like the best of watchdogs. It's tough enough to cover your back when you need it, yet sensitive enough to know when to back off. The difference is MSA technology.

The DragonFly SA PASS device doesn't "cry wolf." It guards you from false alarms with the patented Gyro-Trac motion sensor, which uses a flexible, printed circuit board and a non-corrosive, electrically conductive, phosphor bronze ball bearing. When you're in motion, the ball bearing moves around in a circular pattern, touching at least two of several electrical contacts within the unit. When you stop moving, the ball fails to touch at least two contacts, and the DragonFly SA PASS senses a lack of motion.

If you haven't moved for 18 seconds, the pre-alarm system sounds a series of chirps and flashes LED indicator lights before progressing to volume increases and tonal changes, all in concert with LED color shifts. The range of warning alarms is achieved through two large-diameter piezo resonators, both emitting piercing 95-decibel sounds at a distance of three meters during the full alarm. A unit in full alarm can be deactivated by pushing the reset button twice, but it cannot be turned off unless the key is reinserted.

For enhanced protection, the DragonFly SA PASS not only meets NFPA's required volume changes, but also extends the safeguard by delivering changes in tone. Furthermore, it's a low profile, lightweight device that can withstand crushing impact.

A Simple Solution

Integrated versions of PASS devices must connect to the SCBA for activation. But because it's an all-in-one, independent unit, the DragonFly SA PASS doesn't require integration with any other equipment. It can be used even when the job doesn't call for an SCBA. With the DragonFly SA PASS, you have the freedom to choose where and how to use it.

Whether you use another manufacturer's SCBA, an older version SCBA or no SCBA at all, the DragonFly SA PASS is compatible with your selection. The device fastens securely to a belt or clips onto turnout gear and is designed to accommodate different belt sizes.