

**TOWN OF OCEAN VIEW**  
**DELAWARE**

February 26, 2026

TO: Mayor and Council

FROM: Carol S. Houck, Town Manager



SUBJECT: Recommendation to Support FY2026 Emergency Services  
Enhancement Funding Program Application of the Millville  
Volunteer Fire Company

Attached you will find the grant application from the Millville Volunteer Fire Company (MVFC) requesting FY2026 funding support from Ocean View's Emergency Services Enhancement Funding Program. As you are aware, the MVFC services Ocean View, Millville and surrounding communities for fire and ambulance service, having no direct affiliation with any Towns. They have been the recipient annually of funds from this source, established to support efforts of emergency responders.

Staff has reviewed the application detail and supporting documentation and feels the request meets the requirements of the grant.

Funds are available to support the request in full.

It is therefore recommended that the Mayor and Council support the request from the MVFC and authorize the purchase of Helmets, turnout gear, turnout coats and radio straps as identified in the attached, at the not to exceed cost of \$84,443.

# MILLVILLE VOLUNTEER FIRE COMPANY INC.

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DEDICATED VOLUNTEERS PROUDLY PROTECTING THEIR COMMUNITY  
[WWW.MILLVILLE84.COM](http://WWW.MILLVILLE84.COM)

35554 ATLANTIC AVENUE  
MILLVILLE, DE 19967

TEL: (302) 539-9535  
FAX: (302) 539-7319

Town of Ocean View  
201 Central Avenue  
Ocean View, Delaware 19970  
Attn: Town Manager Carol Houck

February 2<sup>nd</sup>, 2026

Dear Ms. Houck

Included with this letter is the Millville Volunteer Fire Company's submission to the Town of Ocean View Emergency Services Enhancement Funding Program. We greatly appreciate the opportunity to apply for this year's award. Please let me know if you have any questions.

Thank You

A handwritten signature in black ink, appearing to read "Douglas W. Scott".

Douglas W. Scott  
Fire Chief

**GRANT APPLICATION  
TOWN OF OCEAN VIEW  
EMERGENCY SERVICES ENHANCEMENT FUNDING PROGRAM**

**Name of Organization:** Millville Volunteer Fire Company Inc.

**Address:** 35554 Atlantic Avenue, Millville DE 19967

Fire Station Phone (302) 539-9535

Fax (302) 539-7319

**Name of Contact Person:** Douglas Scott, Fire Chief

Cell (302) 841-2137

**Email:** [dougscott@millville84.com](mailto:dougscott@millville84.com)

**Website:** [www.millville84.com](http://www.millville84.com)

**Mission Statement:**

The Millville Volunteer Fire Company (MVFC) is a 501(c)(3) nonprofit serving Ocean View, Millville, and surrounding areas. For 90 years, we have provided Fire and Rescue services and for 65 years, Emergency Medical Services. Our mission is to deliver the highest level of life-saving services to our communities.

Currently, the company operates from two stations: the headquarters at 35554 Atlantic Avenue and the substation at 34237 Omar Road in Clarksville. The Company has 70 active members and 15 full-time career Fire/EMS employees. The MVFC operates three engine companies (pumpers), a rescue/engine, a straight tanker (4,000 gallons of water), a brush truck, three utility vehicles, four BLS units (ambulances), a 24-foot rescue boat, and a command vehicle. The MVFC handled 3,028 Emergency Medical Service calls in 2025 with 1,714 transports to hospitals. In addition, we handled 601 fire/rescue calls for the same period.

**History:**

Since our founding in 1936, the MVFC has maintained a close working relationship with the Town of Ocean View, serving as the primary provider of Fire/Rescue and Emergency Medical Services. The MVFC participates in the town's events and with the Town of Ocean View Police Department. MVFC, along with the Ocean View Police Department, prepares emergency plans for Lord Baltimore Elementary School. Joint training was also conducted with the police department to prepare for active assailant scenarios and AMBER Alerts for missing children. Each year in October, the MVFC educates local school children by participating in the National Fire Prevention Week at Lord Baltimore. This week-long event allows firefighters to speak to children about home fire safety, dialing 911, home exit drills, the dangers of playing with matches, Stop, Drop, and Roll, use of fire extinguishers, and kitchen safety.

**Number and Type of Service Calls to Ocean View:**

The Millville Volunteer Fire Company, Inc. responded to 111 Fire/Rescue calls and 425 Emergency Medical Services calls, for a total of 536 calls in the Town of Ocean View last year.

**Project:**

The Millville Volunteer Fire Company Inc. is requesting \$84,443 in assistance from the Town of Ocean View's Emergency Enhancement Fund to ensure our firefighters and new recruits have compliant, safe equipment. This funding will purchase 15 sets of turnout gear—including pants, coats, and helmets—for use during emergency response and required training. We are also requesting funding for 20 radio straps

to allow our firefighters to carry a portable radio under their turnout coats, thereby protecting it from high heat and water during firefighting operations.

Turnout gear, also known as bunker gear or firefighting personal protective equipment (PPE), is an essential piece of equipment for firefighters. It is worn by firefighters when responding to emergency calls, and is designed to protect them from the heat, flames, and other hazards associated with firefighting. The gear typically includes a coat and pants made of flame-resistant materials, along with a helmet, gloves, and boots. The coat and pants are usually made of a combination of materials, including Nomex, Kevlar, and other synthetic fibers, that provide both thermal insulation and protection against flames and heat. The helmet is designed to protect the head and face from falling debris, while the gloves and boots are made of materials that provide protection against heat, flames, and other hazards.

Turnout gear is essential for firefighters, providing the protection needed to safely and effectively perform their duties. To be effective, it must fit properly, be durable and long-lasting, and be properly maintained and replaced as needed to ensure it continues to provide adequate protection. Overall, turnout gear is a vital piece of equipment for firefighters. Turnout gear has a standard 10-year life span from its manufacture date, mandated by NFPA 1851, because materials degrade, technology advances, and contaminants build up, reducing protection against extreme heat, smoke, and chemicals, though usage and maintenance can shorten or potentially extend life slightly, requiring annual inspections and replacement after a decade for firefighter safety.

Last year, the MVFC accepted 19 new members. Of this number, 14 were accepted as active probationary firefighters and junior members. These members are required to attend a fire training academy to complete their initial firefighting and rescue training. The fire academy requires attendees to have safe turnout gear that complies with NFPA 10. This requirement places stress on the company's budget to properly and safely protect these members during their initial training and on-scene real-world activities.

Here is a breakdown of our grant request:

ITEM	QTY	UNIT COST	EXT COST
Helmets	15	\$550 each	\$8,250
Turnout Pants & Suspenders	15	\$2,060 each	\$30,900
Turnout Coats with Patch/Name Tag	15	\$2,820 each	\$42,293
Radio Straps	20	\$150 each	\$3,000
<b>TOTAL REQUESTED</b>			<b>\$84,443</b>

We request some flexibility in the quantity of turnout gear and the timing of purchases throughout the grant period, as our needs vary throughout the year, provided we do not exceed the total grant amount.

**Summary:**

As a 501 (c) (3) Community Non-Profit Organization, we rely on donations, grant money, as well as state and county funding to help us meet our goals. The Millville Volunteer Fire Company would struggle to purchase vital equipment and make improvements without the town's assistance. These capital improvements will enhance our operations, protect the citizens of Ocean View, and keep enhancement funds directly within the town, where they are best utilized.



**AEROFLEX®**  
REVOLUTIONIZING  
FIREFIGHTER SAFETY

# 54%

## LODDS ARE FROM HEAT STRESS

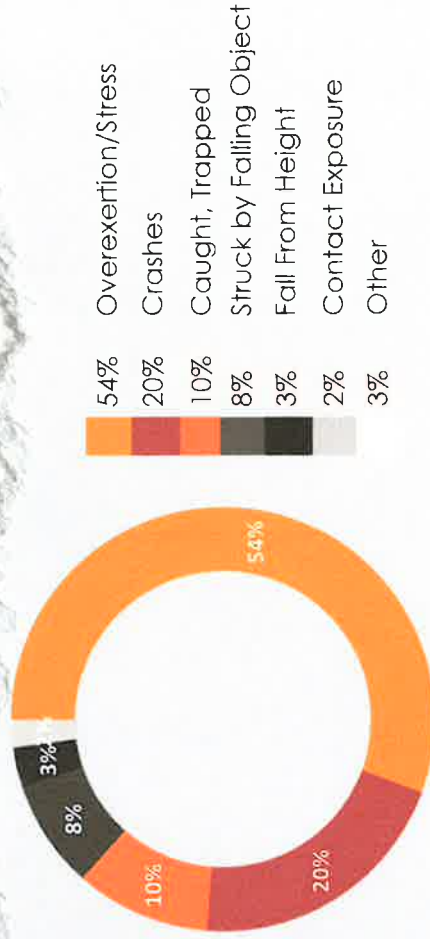
# A RISING EPIDEMIC

In the line of duty, your biggest danger is heat stress. Heat stress contributes to over half of reported line of duty deaths. Decades of research shows that as your core temperature rises, you are more likely to trip and fall, become unbalanced, cannot hear as well, and lose the ability to concentrate and think critically.

Your body's main defense against overheating is sweat. But without an escape route for the sweat vapor, it stays trapped against your body.

At Fire-Dex, we've discovered that traditional gear fails to cool you down where you need it the most. That's why we developed AeroFlex®, a new era of turnout gear that supercharges the breathability of your garment and encourages airflow to reduce the risk of heat stress and cardiac related issues.

AeroFlex® is designed to keep you safe—inside and out.



NFPA Fatal Firefighter Injuries by Cause of Injury, 2023

# INDEPENDENT TESTING

We sent AeroFlex® to two independent labs to test breathability and safety.

## ENHANCED BREATHABILITY

Researchers at Florida State University tested our gear on a manikin that can sweat and heat up like a real human.

After simulating overhaul activities, AeroFlex® resulted in lower core temps and lower sweat rates compared to turnouts with an identical composite. That means less risk of heat stress and more time working before you get overheated.



## SERIOUS SAFETY

At NC State University, AeroFlex® was placed on a PyroMan™ manikin where fire jets sprayed the VaporLite® Panels with direct flames.

**The result?** 0% burns, showing that AeroFlex® keeps the flames out.

# VAPORLITE® PANELS

We use a breathable and proprietary, 3-layer composite system that targets the areas of your body where heat becomes most encapsulated, the side seams, armpits, inner thighs, and behind the knees.

VaporLite® Panels allow sweat to evaporate more efficiently than any garment available to the fire service today.

## UNMATCHED BREATHABILITY AND HEAT STRESS PROTECTION

VaporLite® Panels are built exclusively with our TECGEN71® outer shell, a CoreCXP™ 1-layer thermal liner, and your choice of moisture barrier.

TECGEN71® is the only outer shell that can be paired with a single-layer thermal liner thanks to its exceptional breathability and thermal protection, achieving industry-leading RET & THL performance. Choose any composite for the rest of the garment and allow these panels to cool the core.



**RET**  
15-19

**THL**  
340+

**TECP**  
35+

# AEROVENT® TECHNOLOGY

The first of its kind, our AeroVent® Technology utilizes a one-way street ventilation design that operates in conjunction with the pressure differential between the outer environment and the microclimate inside your gear, allowing sweat vapor to escape without letting heat inside.

AeroVent® Technology enables you to better regulate your core body temperature, reducing the risk of heat stress and other cardiac-related issues.

Particulate-blocking technology in the vents act as a barrier against potentially harmful carcinogens.

The vents lie within the VaporLite® Panels, with two positioned along the armpits and two placed on the inner thighs, to facilitate airflow and promote optimal cooling where it matters most.



**By promoting airflow through dynamic movement, AeroVent® Technology generates a constant cooling sensation. As the wearer becomes more active, increased air circulation within the garment results in a heightened cooling experience.**

# COAT FEATURES

## 01 2-PIECE COLLAR

With a snap tab that ensures the zip-in liner hangs evenly

## 02 OMNIDEX™ SHOULDER

Seams align with the body's natural hinge points for optimal flexibility and minimal coat rise

## 03 9" OF EASE

At the chest for optimum amount of air gap to maximize THL & TPP per Florida State University testing

## 04 VAPORLITE® PANELS

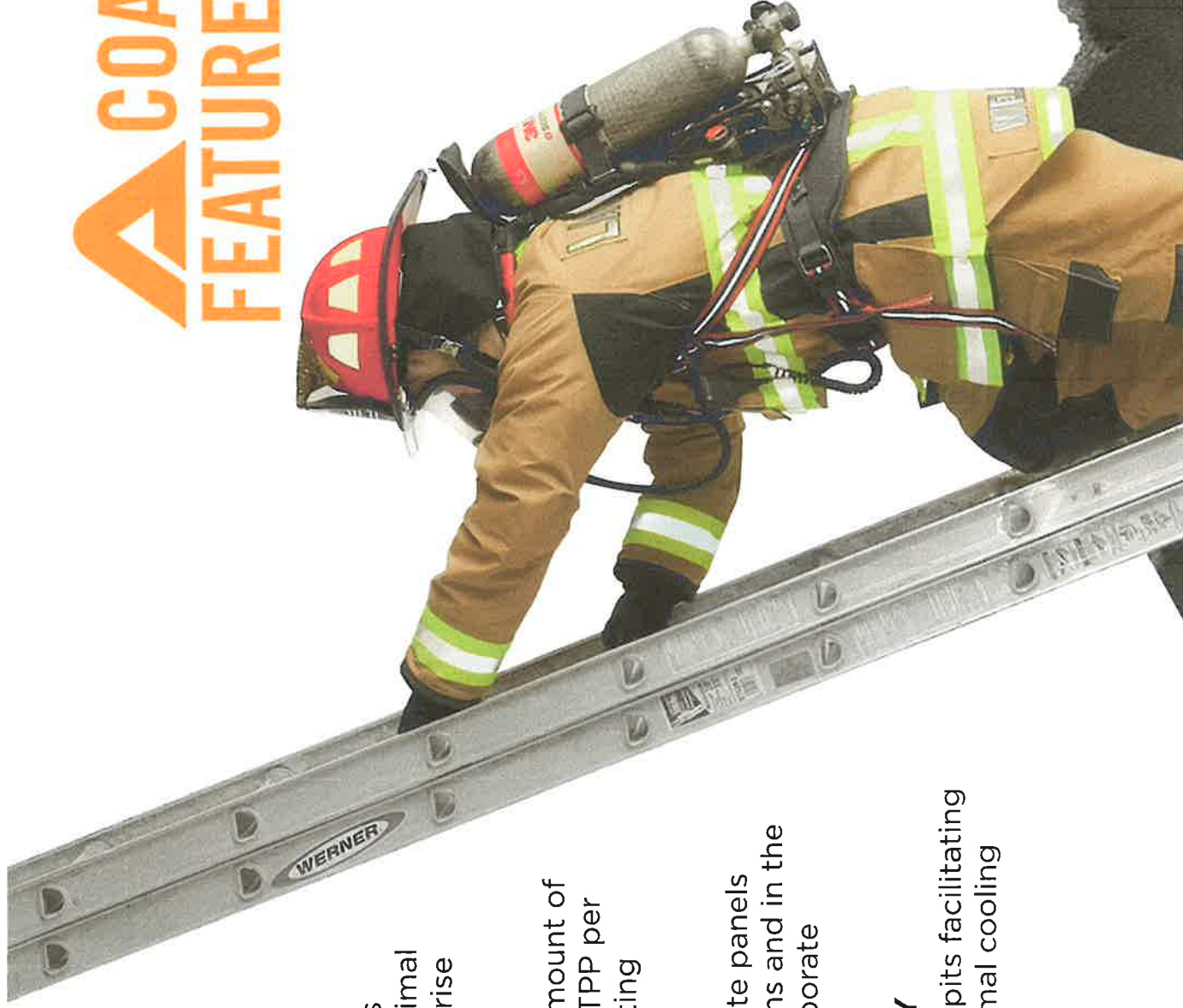
Breathable 3-layer composite panels running down the side seams and in the armpits allow sweat to evaporate more efficiently

## 05 AEROVENT® TECHNOLOGY

Vents placed along the armpits facilitating airflow and promoting optimal cooling

## 06 OPEN INSPECTION PORT

Located along bottom hem



# PANT FEATURES

01

## **OPEN INSPECTION PORT**

Located at the top of the waist

02

## **VAPORLITE® PANELS**

Breathable 3-layer composite panels located at inner thighs and behind knees allow sweat to evaporate more efficiently

03

## **AEROVENT® TECHNOLOGY**

Vents located at inner thighs facilitating airflow and promoting optimal cooling

04

## **3D FLEX PANELS IN THE KNEES**

Allow for a free range of motion with hinge points incorporated into knee padding, ensuring optimal mobility and comfort

05

## **OPTIMIZED LEG OPENING**

For ease of donning and doffing boots





**Fire Dex**  
FIREDEX.COM/AEROFLEX



AeroFlex® — a groundbreaking leap in  
firefighter comfort and safety



# EXCLUSIVE OUTER SHELL

An exclusive and patented Fire-Dex outer shell for structural firefighting that's designed to mitigate heat stress by reducing weight and increasing flexibility, and has no intentionally added PFAS.



**SUPERIOR FIBER**

**LIGHTEST WEIGHT SYSTEMS**

**HIGHEST THL**



## TURNOUTS WITH TECGEN71 VS. TRADITIONAL TURNOUTS



**20% LIGHTER**



**45% THINNER**



**70% MORE FLEXIBLE**



**50% HIGHER THL**

**WITHOUT SACRIFICING TPP**

## RIP TWILL CONSTRUCTION



**FACE**  
60% Kevlar®/  
40% Nomex®



**BACK**  
TECGEN fiber





## **AeroFlex™ Testimonials Approved For Use**

"The difference was felt while active. While moving there was a noticeable difference among the participants who all described the gear as cooler. This is the first garment I have tested that addresses the overheating of the firefighters by reducing heat stress."

- Firefighter Bradley Smith, Long Beach Fire Department

"We went to a commercial fire and noticed a lot less fatigue while wearing the gear and still felt comfortable for some time after."

- Lieutenant Matt Jaynes, Seminole County Fire Department

"I am amazed at how cool I felt. I tried on several occasions to saturate myself with as much convective and radiant heat as possible, then when I moved around, I actually started to cool off. This has never happened in any other set of gear I have worn before. The AeroVent Technology is amazing."

- Battalion Chief Chad Christensen, LA County Fire Department

"AeroFlex is light, comfortable, and easy to manipulate. The thermal protection has been tested several times, and the jacket holds up well to the daily beating it takes."

- Lieutenant Kimo Naumann, Memphis Fire

**MSA** Cairns®  
The Safety Company

# Cairns® 1836 Fire Helmet



WHEN YOU GO IN, WE GO IN WITH YOU.

## Accessories & Offerings



### Cushion Liner

- Standard option made with TenCate Tecasafe Plus Tech74™ material
- Genuine leather option available



### Colors

- **Unpainted Matte Finish:** White, Red, Black, Yellow
- **Painted High-Gloss Finish:** White, Red, Black, Yellow, Blue, Green, Orange, Pink



### Earlaps

- Yellow Nomex
- Black Nomex
- PB1/Kevlar



### Front Holders

- Sizes: 5.5" and 6"
- Styles: Silkscreened Haltese Cross, Silkscreened Eagle, Carved Eagle
- Side Accountability Brackets



### Eye Protection

- New, Articulating, Integrated Defender Visor (available in Clear or Amber Tuffshield)
- NFPA Bourques
- 4" Clear or Amber Tuffshield Faceshield
- ESS Goggles



### Leather Front Styles

- Sizes: 5.5", 6"
- New front styles for 5.5" FRF: 105, 106, 107, and 108 PST: 109 (frame & insert)



# Cairns® 1836 Fire Helmet

Blending tradition and technology, the MSA Cairns 1836 Traditional Fire Helmet is designed to enhance comfort while making helmet cleanings and inspections faster and easier. Cairns has been proudly manufacturing fire helmets since 1836 and when it comes to head protection, more first responders trust MSA Cairns brand fire helmets than any other. The Cairns 1836 Fire Helmet is the latest innovation in traditional fire helmets from the brand that has been pioneering quality head protection for generations.

## Key Features & Benefits

### DESIGNED FOR EASY CLEANING

Can be taken apart in minutes for easy inspection and cleaning.

### LIGHTWEIGHT & LOW RIDE HEIGHT

One of the lightest and lowest ride height helmets on the market.

### NEW ANCHOR BASE

Patent-pending Slide-Lok system means no specific tool is needed to assemble and disassemble the helmet.

### ARTICULATING DEFENDER VISOR

Designed to slot neatly in the fire helmet, new Defender Visor straps into place and can be deployed by simply pulling down on the lens.

### LARGE D-RING & CLAMP

Design makes storage and hanging of accountability tags easy. The clamp securely fastens the edge trim to the helmet shell.

### NEW LEATHER FRONTS & HOLDER DESIGNS

New 5.5" front and holder design option with five new front style choices, customizable with department identification.

### QUICK-CONNECT SOFT GOODS & EARLAPS

Few hook and loop fasteners offer excellent durability while quick-connect system enhances ease of attaching or detaching for cleaning.

### LASER ENGRAVED LABELING & RFID TAG

Improved helmet label durability and built-in RFID tag enable integration with FireGrid™, simplifying asset management.

## Features & Benefits

### 1 Low Ride Height

- Low ride height helps provide excellent comfort and balance.
- Shell design with low ride height merges Tradition and Innovation with the durability Cairns users are accustomed to.

### 2 Newly Designed Anchor Base System

- Patent-pending Slide-Lock system allows for easy disassembly and reassembly for cleaning and inspections.
- **First of its kind on the market:** No specific tool needed for disassembly and reassembly.

### 3 Large D-Ring & Clamp

- Large D-ring for easy storage or hanging accountability tags.
- Large clamp design grips edge trim securely and aids in preventing displacement.

### 4 New Front Holders

- New 5.5" options available, or carry on the tradition with 6" front holder options.

### 5 New Leather Front Styles

- Five new 5.5" style choices added, customizable with department identification.

### 6 Proven Shell Release System (SRS)

- This unique design feature enables the energy-absorption system to be released from the helmet shell when impacted from below the brim, leaving the energy-absorption assembly on the wearer's head for continued thermal and impact protection.
- With the SRS, if your helmet comes off due to extenuating circumstances, such as a fall through a floor or roof, the impact cap is designed to separate from the helmet shell, but remains on your head.

### 7 Quick-Connect Soft Goods & Earlaps

- Design of soft goods makes them easy to remove and clean, helping firefighters align with NFPA 1851 guidelines.
- Design uses low hook and loop fasteners for soft goods durability.
- Pre-made holes fit right into suspension.
- Headband and cushion liner designed to help reduce pressure points during prolonged wear, based on customer feedback.
- Earlaps quickly connect through series of four quick-connect fasteners, aiding in preventing bunching of earlaps.

### Lightweight Design

- One of the lightest helmets on the market, weighing in at only 3.55 lb. / 1.52 kg.



### 8 New Articulating Defender Visor

- Retractable and articulating eyewear system stays ready, cleanly, and securely inside the helmet.
- Easy removal for cleaning and replacement—requires no tools.

### 9 Redesigned Soft Goods Utilize TenCate Tecasate Plus Tech74™ Material

- Tech 74™ feels just like a t-shirt while offering lightweight, comfortable FR protection where you need it most—next to skin.
- Innovative wicking COOLDERM TECHNOLOGY offers enhanced moisture management to promote body temperature regulation and breathability.
- The base component of this multi-layer FR system, Tech 74™ offers comfort with no-melt / no-drip heat-to-skin protection.
- *From TenCate Website: <http://www.tencate.com/tech74.html>*

### New Expanded & Pivoting Ratchet & Adjustment Arms

- Redesign offers adjustable fit for diverse head sizes, hairstyles, and hairwear.
- Allows for more comfortable fit while wearing facepiece and hood.
- Easy adjustment (front and rear) and customization for your head size/shape.

### New Laser Etching for Labels

- Removes possibility of labels wearing out and/or falling out of helmet.

### Adaptable to a Wide Variety of Head Sizes

- New design capable of accommodating 95% of firefighters based on NIOSH anthropometric data and testing.
- Accommodates a 5%–8% hat size.
- Ratchet and dome design allow adjustments for a large range of head sizes.

### 42% Reduction in Parts

- Compared to Cairns 1010/1044 Fire Helmets.
- Helps with ease of disassembly, resulting in fewer parts and easier repair and maintenance.

### Built-in RFD Allows for Integration into FireGrid™ Ecosystem

#### Benefits of FireGrid Integration include:

- **Lifecycle Management:** Monitor and better prepare for your next gear purchase and needs based on PPE retirements and serviceability.
- **Operational Efficiency:** Keep track of gear, personnel assignments, and cleanings—all in one, secure location.
- **Streamline Compliance:** Maintain compliance with NFPA 1851 by recording required advanced inspection and cleanings.

\*Includes all components with the exception of the leather front.

## Ordering Information

### Cairns 1836 Fire Helmet

P/N	Color	Eye Protection	Greenliner	Earflaps	Front Holder	Chinstrap	Trim Type
10247314	Black	Defender Clear	Standard	Black Nomex	6" Silkscreened Eagle	2-pt Standard	Reflective
10247315	Black	Defender Clear	Standard	Black Nomex	6" Carved Eagle	2-pt Standard	Reflective
10247316	Black	Defender Clear	Leather	PBI/Kevlar	6" Carved Eagle	2-pt Standard	Reflective
10247317	Black	Defender Amber	Standard	Black Nomex	6" Silkscreened Maltese Cross	2-pt Standard	Reflective
10247318	Black	NFA Bourkes	Standard	Black Nomex	6" Silkscreened Maltese Cross	2-pt Standard	Reflective
10247319	Black	NFA Bourkes	Standard	Black Nomex	6" Carved Eagle	2-pt Standard	Reflective
10247320	Black	NFA Bourkes	Standard	Black Nomex	6" Carved Eagle	2-pt Standard	Reflective
10247321	Black	Defender Clear	Standard	Black Nomex	6" Carved Eagle	2-pt Standard	Reflective
10247322	Yellow	Defender Clear	Standard	Yellow Nomex	6" Silkscreened Eagle	2-pt Standard	Scotchlite
10247323	Yellow	Defender Clear	Standard	Black Nomex	6" Carved Eagle	2-pt Standard	Reflective
10247324	Red	Defender Clear	Standard	Black Nomex	6" Carved Eagle	2-pt Standard	Reflective
10247325	Red	Defender Clear	Standard	Yellow Nomex	6" Silkscreened Eagle	2-pt Standard	Reflective
10247326	White	Defender Clear	Standard	Yellow Nomex	6" Silkscreened Eagle	2-pt Standard	Reflective
10247327	White	Defender Clear	Leather	PBI/Kevlar	6" Carved Eagle	2-pt Standard	Reflective

### Cairns 1836 Spare Parts & Accessories

P/N	Description
10228565	Front Bracer Kit
10238753	Leather Soft Goods Replacement Kit (includes cushion liner, earflap pad, yellow Nomex earflaps)
10238755	Standard Soft Goods Replacement Kit (includes cushion liner, earflap pad, yellow Nomex earflaps)
10246770	Standard Soft Goods Replacement Kit (includes cushion liner, earflap pad, black Nomex earflaps)
10238787	Headband Assy System Replacement Kit
10238825	6 point Suspension System Replacement Kit
10238966	Earflap Replacement Kit - Yellow Nomex
10239008	Earflap Replacement Kit - Black Nomex
10239125	Earflap Replacement Kit - PBI
10239130	Carved Eagle Front Holder Replacement Kit, Brass, 6 in.
10239132	Carved Eagle Front Holder Replacement Kit, Brass, 5.5 in.
10239133	Silkscreened Eagle Front Holder Replacement Kit, Brass, 6 in.
10239135	Silkscreened Eagle Front Holder Replacement Kit, Brass, 5.5 in.
10246604	Silkscreened Maltese Cross Front Holder Replacement Kit, Brass, 5.5 in.
10246605	Silkscreened Maltese Cross Front Holder Replacement Kit, Brass, 6 in.
10239137	Anchor Release Replacement Kit
10239139	Impact Cap Anchor Release and Lock Replacement Kit
10239142	External Faceshield Replacement Kit
10238890	External Faceshield Replacement Hardware
10239188	Defender Visor Replacement Kit, Clear
10239192	Defender Visor Replacement Kit, Tuffshield
10239194	Accountability Bracket Kit
10239195	Edge Trim & Helmet Hanger Replacement Kit, Black
10239204	Edge Trim & Helmet Hanger Replacement Kit, White

### Removable/Washable Chinstraps

P/N	Description
10204155	2-pt (20.5" long, Standard length)
10207044	2-pt (28" long)
10226184	2-pt (sharper vents, 27.5" long)
10225599	Extended P-Vinyl Chinstrap with Leather Pouch
10204160	4-pt (20.5" long)

### Goggles

P/N	Description
5549P	ESS Imerzone 2 Goggle with Low-Profile Hardware Kit
10151029	ESS Imerzone 2 Goggle with Side-Mount Hardware Kit
10032482	ESS Imerzone 3 Goggle

### Bourkes Lenses

P/N	Description
10186311	NFA-compliant Bourkes Lens and Hardware Kit

### Reflective Trim

P/N	Description
RP20YP	Reflective Lime/Yellow 20 per sheet
ST2OR	Scotchlite, Red/Orange, individual
SP20VP	Scotchlite, Lime/Yellow, 20 per sheet
10062556	Scotchlite, Lime Yellow with silver center bar, 8 per sheet
10062555	Scotchlite, Red/Orange with silver center bar, 8 per sheet

## Detail View



### KEY

- 1a Accountability Brackets (optional)
- 1b Anchor Base
- 2 Front Holder (5.5" or 6" option)
- 3 Front Bracket
- 4 Shell
- 5 Impact Cap
- 6 Defender Visor
- 7 Chinstrap
- 8 NFA Bourkes
- 9 Suspension
- 10 Goggles
- 11 Cushion Liner
- 12 4" Faceshield
- 13 Headband Assembly
- 14 Earflaps

## Technical Specifications

<b>SHELL DIMENSIONS</b>	15.3" length, 11.8" width, and a crown depth of 5.78"
<b>HEAD SIZE ACCOMMODATION</b>	5 <sup>3</sup> / <sub>8</sub> – 8 <sup>3</sup> / <sub>8</sub>
<b>WEIGHT</b>	53.6 oz. (1.5 kg)* – 63.0 oz. (1.8 kg) (weight may vary depending on helmet configuration)
<b>COLORS</b>	<ul style="list-style-type: none"> <li>• White</li> <li>• Blue (painted only)</li> <li>• Red</li> <li>• Orange (painted only)</li> <li>• Black</li> <li>• Green (painted only)</li> <li>• Yellow</li> <li>• Pink (painted only)</li> </ul>
<b>FINISHES</b>	<ul style="list-style-type: none"> <li>• Unpainted Matte</li> <li>• Painted High-Luster</li> </ul>
<b>SHELL</b>	Fiberglass composite, consisting of a high-temperature, flame and chip-resistant "through-colored" thermoset resin, reinforced with 1-inch and 2-inch chopped fiberglass, compression-molded to form a one-piece shell
<b>IMPACT LINER</b>	Impact-resistant polymer liner covered by a semi-rigid open cell, high temperature, energy absorbing urethane foam
<b>CHINSTRAP</b>	<ul style="list-style-type: none"> <li>• Spun-Nomex webbing</li> <li>• High-temperature, durable thermoplastic Quick-Release (QR)</li> <li>• Cast zinc postman slide buckle</li> </ul>
<b>SOFT GOODS (cushion lines)</b>	<ul style="list-style-type: none"> <li>• Manufactured with TenCate Tecasafe® Plus TechT4™ (standard comfort)</li> <li>• Genuine leather (option)</li> </ul>
<b>EARLAPS</b>	<ul style="list-style-type: none"> <li>• Nomex (yellow and black options available)</li> <li>• PBI/Kevlar</li> </ul>
<b>APPROVALS</b>	NFPA 1971-2018, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting All eye/face protection ANSI/ISEA Z87.1 and NFPA 1971-2018, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting
<b>WARRANTY</b>	MSA warrants MSA Cairns® Fire Helmets to be free from defects in materials and/or faulty workmanship for a period of ten (10) years from the date of manufacture by MSA.

All textile components of the Cairns 1836 Fire Helmet meet Berry Compliance requirements. Product of the US.

\* Includes all components with the exception of the leather front.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://us.msasafety.com/offices).