

MSA Cairns®  
**Leather Fire Helmets**

**MSA**  
*The Safety Company*

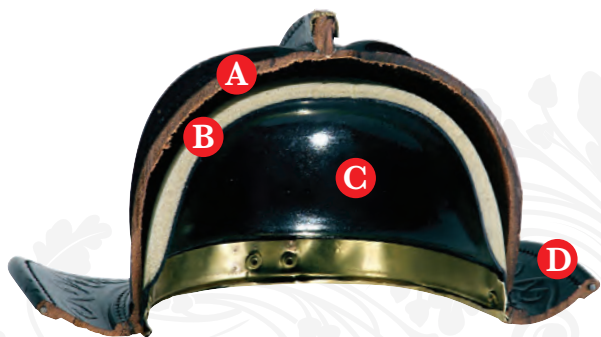


**WHEN YOU GO IN, WE GO IN WITH YOU.**

## Quality Craftsmanship

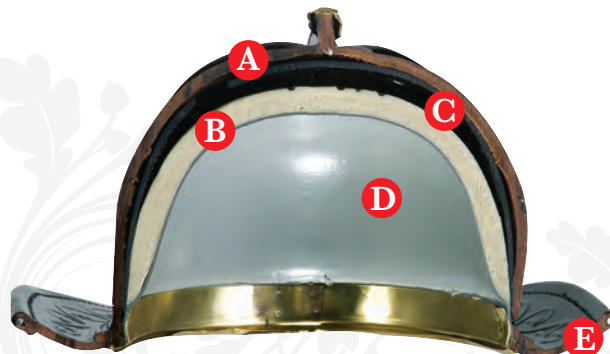
We've been making fire helmets for nearly 200 years—that's more than double most other fire helmet manufacturers. Since 1836, MSA Cairns leather fire helmets have retained the same authentic look and quality firefighters for generation after generation have relied on. Each helmet is individually handcrafted and ready to provide years of dependable service. MSA Cairns Leather Fire Helmets are the iconic symbol of pride in the fire service.

*N5A New Yorker Cut-Away*



- A** 100% top-grain steer hide
- B** High temperature-resistant urethane foam
- C** ABS inner liner
- D** Sewn-over wire reinforcement

*N6A Houston Cut-Away*



- A** 100% top-grain steer hide
- B** High temperature-resistant urethane foam
- C** Lexan outer dome
- D** ABS inner liner
- E** Sewn-over wire reinforcement



Hand-shaped



Hand-stitched



Hand-trimmed

## Handcrafted with Meticulous Detail

- The New Yorker N5A and Houston N6A shells are hand-constructed of 100% top-grain steer hide<sup>1</sup> and impregnated with a natural resin system, which is sealed and over-coated with a colored high-luster finish.
- The crown is hand-sewn to the one-piece brim section. Showing attention to detail in every stitch, the brim is embossed with the Original fire service vine pattern.
- The thermal impact liner is then installed within the leather crown. The thermal impact liner dramatically increases the levels of protection where you need it most.
- The Cairns six-way overhead strap suspension system reduces shock transmission while providing a deep, comfortable fit.
- Removable/washable soft goods are standard on every MSA Cairns Leather Fire Helmet<sup>2</sup>.

<sup>1</sup> No "pleather," glued leather patchwork or flimsy leather stretched thin over plastic!

<sup>2</sup> Only on leather fire helmets ordered through Assemble-to-Order (ATO) after August 1, 2018. Leather helmet P/Ns ordered from the the PIDC warehouse will be offered in the old configurations and prices until inventory of each is consumed.



## A Growing Legacy

Even an icon like an MSA Cairns Leather Fire Helmet can be further elevated. MSA is pleased to offer three product updates that preserve the character of the leather fire helmet while helping to improve safety:

### 1 NFPA-compliant Bourkes

Combining the traditional look of Bourkes that were invented in the 1960s with modern materials, the NFPA compliant Bourkes satisfy the eye/face protection requirements as prescribed by NFPA-1971:2018, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting. In addition to being compliant to NFPA-1971:2018, the NFPA-compliant Bourkes are also compliant to ANSI/ISEA Z87.1:2015 as an impact protector (Z87+). Easy to deploy or stow, the new NFPA compliant Bourkes have an increased coverage area of approximately 20% over traditional Bourkes.

To get your NPFA-compliant Bourkes order P/N 10194911 (NFPA-compliant Bourkes Lens and Hardware Kit for MSA Cairns Leather Helmets)<sup>1</sup>.

### 2 Washable Soft Goods for MSA Cairns Leather Fire Helmets

According to the CDC and NIOSH, firefighters have a **9% higher risk of being diagnosed with cancer** and a **14% higher risk of dying from cancer**<sup>2</sup>.

MSA takes this statistic seriously. Now, every MSA Cairns Leather Fire Helmet ordered through Assemble-to-Order (ATO) after August 1, 2018<sup>3</sup> will offer **only** removable, washable soft goods. Plus, for a limited time, every MSA Cairns Leather Fire Helmet will also ship with a **FREE** mesh laundering bag. There are three options available on the ATO: yellow nomex, black nomex or PBI/Kevlar (Moisture Barrier) ear cover. Additionally, each of these soft goods is available as a kit, complete with a laundering bag.<sup>3</sup> Order an extra set so you can always have a clean one!



N6A Helmet with  
NFPA-compliant Bourkes

Part No.	Soft Goods Kit Description
10187685	Black Nomex Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Medium N5A and N6A)
10187686	Black Nomex Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Large N5A and N6A)
10187688	Yellow Nomex Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Medium N5A and N6A)
10187689	Yellow Nomex Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Large N5A and N6A)
10187690	PBI/Kevlar Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Medium N5A and N6A)
10187691	PBI/Kevlar Ear Cover and Liner, Ratchet and Crown Pads, Laundering Bag (for Large N5A and N6A)

It is advised that firefighters follow all recommended cancer prevention directives as prescribed by the non-profit Firefighter Cancer Support Network (FCSN). MSA is proud to announce a 3-year partnership with FCSN. Since 2005, the nonprofit has provided assistance and one-on-one mentoring to thousands of cancer-stricken firefighters and their families. FCSN also delivers extensive training on firefighter cancer awareness nationwide. For more information about key cancer prevention directives, please read the FCSN's white paper, "Taking Action Against Cancer in the Fire Service," and visit FCSN's website or call 1-866-994-FCSN (3276).



Scan here to see  
how easy it is to remove  
the new soft goods!

<sup>1</sup> The Bourkes does not affect the compliance of the helmet as shipped from the MSA factory.

<sup>2</sup> Daniels RD et al. *Occup Environ Med* doi:10.1136/oemed.2013-101662, [https://www.cdc.gov/niosh/firefighters/pdfs/OEM\\_FF\\_Ca\\_Study\\_10-2013.pdf](https://www.cdc.gov/niosh/firefighters/pdfs/OEM_FF_Ca_Study_10-2013.pdf).

<sup>3</sup> The MSA Cairns Leather Fire Helmet washable soft goods are NOT able to be retrofitted into leather fire helmets manufactured before August 1, 2018.

## ③ Bronx Bend

Get the historical “rolled” brim style direct from the MSA fire helmet factory. Both the MSA Cairns N5A New Yorker (OSHA compliant) and the N6A Houston (NFPA 1971 compliant) are now available with a Bronx Bend (large and medium sizes). All Bronx Bend options come complete with one of three removable soft goods options, and your choice of eye protection<sup>1</sup> (including NFPA-compliant Bourkes).

Don't take a chance on ruining your fire helmet and voiding the warranty ... if you want your fire helmet brim bent, order your MSA Cairns Leather Fire Helmet with a Bronx Bend!



*N6A Helmet with NFPA-compliant Bourkes and Bronx Bend*



*N5A Helmet with Bronx Bend*

Some firefighters try to create the Bronx Bend by heating or steaming their leather helmets and then bending the brim downward. MSA has always maintained that altering an MSA Cairns Fire Helmet in any way, including molding the brim, will void the warranty. More importantly, making such alterations could cause the helmet to fail when it's needed most.

"The bitterness of poor quality remains long after the sweetness of low price is forgotten."

*Benjamin Franklin*

## **More than You Pay for: 10-Year Warranty**

We know, as do firefighters, that MSA Cairns Helmets are the most durable products on the market. We back up that claim with a 10-year lifetime warranty that the product will be free from defects in materials and/or faulty workmanship<sup>2</sup>. When you factor in the quality, ease of maintenance and unique safety features found **ONLY** in MSA Cairns Helmets, it's easy to see why firefighters are loyal to the MSA Cairns brand.

<sup>1</sup> Traditional Bourkes (non-NFPA compliant) are not available on the N6A Houston for products manufactured after August 1, 2018.

<sup>2</sup> For MSA Cairns Fire Helmet Warranty details please see [www.MSAafety.com](http://www.MSAafety.com). 10-year warranty applies to helmets manufactured on or after January 1, 2015.

# #lovemyCairns!



## ATO (Assemble-To-Order) Matrix for Cairns Leather Helmets

Order customized MSA Cairns Leather Fire Helmets using the following ATO. Please note that certain selections may cause your MSA Cairns N6A Leather Fire Helmet to become non-NFPA compliant.

A	B	C	D	E	F	G	H	I
Model	Color	Size	Eye/Face Protection	Earlaps	Front Holder	Chinstrap	Trim Type	Trim Color
1 N6A Houston, Standard Bend	1 Black	1 Medium	0 None *	4 Liner Cushion (GSA, G64 only)	1 6" Carved Brass Eagle	0 None (G5A and G64 Helmets only)	0 None *	1 Lime/Yellow (standard)
3 NSA New Yorker, Standard Bend*	2 Red	2 Large	1 4" Tuffshield	5 Removable/washable sateen liner w/Jumbo Nomex Yellow earlap	4 6" Carved Brass Beaver	1 Nomex w/Quick Release	2 Reflexite (Standard)	2 White (Reflexite Only) *
5 GSA Presentation*	3 Blue		4 ESS Innerzone 3 Goggle System	6 Removable/washable sateen liner w/Jumbo PBI/Kevlar earlap	5 6" Carved Brass Dragon	2 Nomex w/Quick Release & Postman's Slide	3 Scotchlite	3 Red/Orange *
6 G64 Presentation*	4 White		5 ESS Innerzone 2 Goggle System with low-profile snap on /snap off hardware*	7 Removable/washable sateen liner w/Jumbo Nomex Black earlap	7 8" Bronze Carved High Eagle (G5A, G64 only)	3 4-pt Nomex w/ Quick Release		4 Red/Orange Triple Trim (Scotchlite Only)
7 N6A Houston, Bronx Bend	5 Yellow		9 ESS Innerzone 2 Goggle System with side-mounting snap on/ snap off hardware			4 4-pt Nomex w/ Quick Release & Postman's Slide		5 Lime/Yellow Triple Trim (Scotchlite Only)
8 NSA New Yorker, Bronx Bend*	7 Natural *		M NFPA Compliant Bourkes					
			A NFPA Compliant Bourkes & Innerzone 3 Goggle					
			B NFPA Compliant Bourkes & Innerzone 2 with side-mounting hardware					
			C Traditional Bourkes*^					
			D Traditional Bourkes & Innerzone 3 Goggle*^					
			E Traditional Bourkes & Innerzone 2 with side-mounting hardware*^					

\* Not NFPA 1971 compliant  
 ^ Traditional Bourkes are available for NSA New Yorker fire helmets ONLY.

Column: A B C D E F G H I

B-LTH-

PART NUMBER QUANTITY

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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