

# PRODUCT CATALOG



**ADG**  
AIRBOSS DEFENSE GROUP

# ABOUT US

**AIRBOSS DEFENSE GROUP** (ADG) provides military, first responder, and healthcare professionals worldwide with a growing and diverse product portfolio, and we pride ourselves on being a survivability solutions provider. We specialize in manufacturing products developed from established military specifications and independently through AirBoss R&D activities. We believe dangerous operating conditions should never be a limiting factor to mission accomplishment, so we design products that offer individuals operating in the world's most hazardous environments the ability to give their full attention to the job at hand.

ADG was founded in January 2020 with the merger of AirBoss Defense, a global leader in Chemical, Biological, Radiological, and Nuclear (CBRN) Personal Protective Equipment (PPE), and Critical Solutions International, an industry leader that delivers best-in-class route clearance and counter-IED solutions that confront ever-evolving threats. The company further expanded in May 2021 when it merged with BlackBox Biometrics, the world leader in wearable sensor technology capable of instantly assessing blast overpressure exposure that can cause traumatic brain injury. ADG is also recognized for its respiratory protection equipment that meet a growing list of threats. Today, the combined company has four North American locations and has customers in over 80 countries worldwide.



# OUR CUSTOMERS

ADG customers include military, first responders, and healthcare workers serving on front lines around the world. ADG products offer ultimate protection to enable mission success.



## OUR LOCATIONS

We have locations across North America where we conduct research and development, product development and testing, manufacturing, and world-class customer support activities.

### MAIN OFFICE

2550 Auburn Court  
Auburn Hills, MI 48326  
+1 (301) 352-8800

### Canada

970 Rue Landry  
Acton Vale, QC J0H 1A0  
+1 (450) 546-2776

### New York

3559 Winton Place  
Rochester, NY 14623  
+1 (585) 329-3399

### South Carolina

3015 Dunes West Blvd  
Mount Pleasant, SC 29466  
+1 (843) 800-0033



# TABLE OF CONTENTS

## RESPIRATORY

---

### RESPIRATORS

Low Burden Mask (LBM) .....	6
LBM Outsert Visors .....	7
C4 CBRN Gas Mask .....	8
C420 PAPR System .....	9
FlexAir® PAPR System .....	10
AirBoss 100® Half Mask .....	11

### FILTRATION

CBRN CAP 1 Cartridge .....	12
M96 Cartridge .....	12
M96 CE Cartridge .....	13
FR-C2A1 Cartridge .....	13
Riot Control Canister .....	14
HE Filter .....	14
Cartridge and Filter Comparison .....	15

## WEARABLES

---

Molded Lightweight Overboot .....	18
AirBoss Molded Glove .....	19
Vapor Barrier Bunny Boot .....	20
Extreme Cold Weather Mukluk .....	21

## MOBILITY SYSTEMS

---

### VEHICLES

Husky 2G Vehicle .....	24
------------------------	----

### PERIPHERALS

3D Ground Penetrating Radar .....	26
Mounted Detection System .....	27
Mounted Interrogation Arm .....	28
Rollover Detection System .....	29
360 SA Camera System .....	30
Self Defense Remotely Operated Weapon Station .....	31

## WARRIOR SYSTEMS

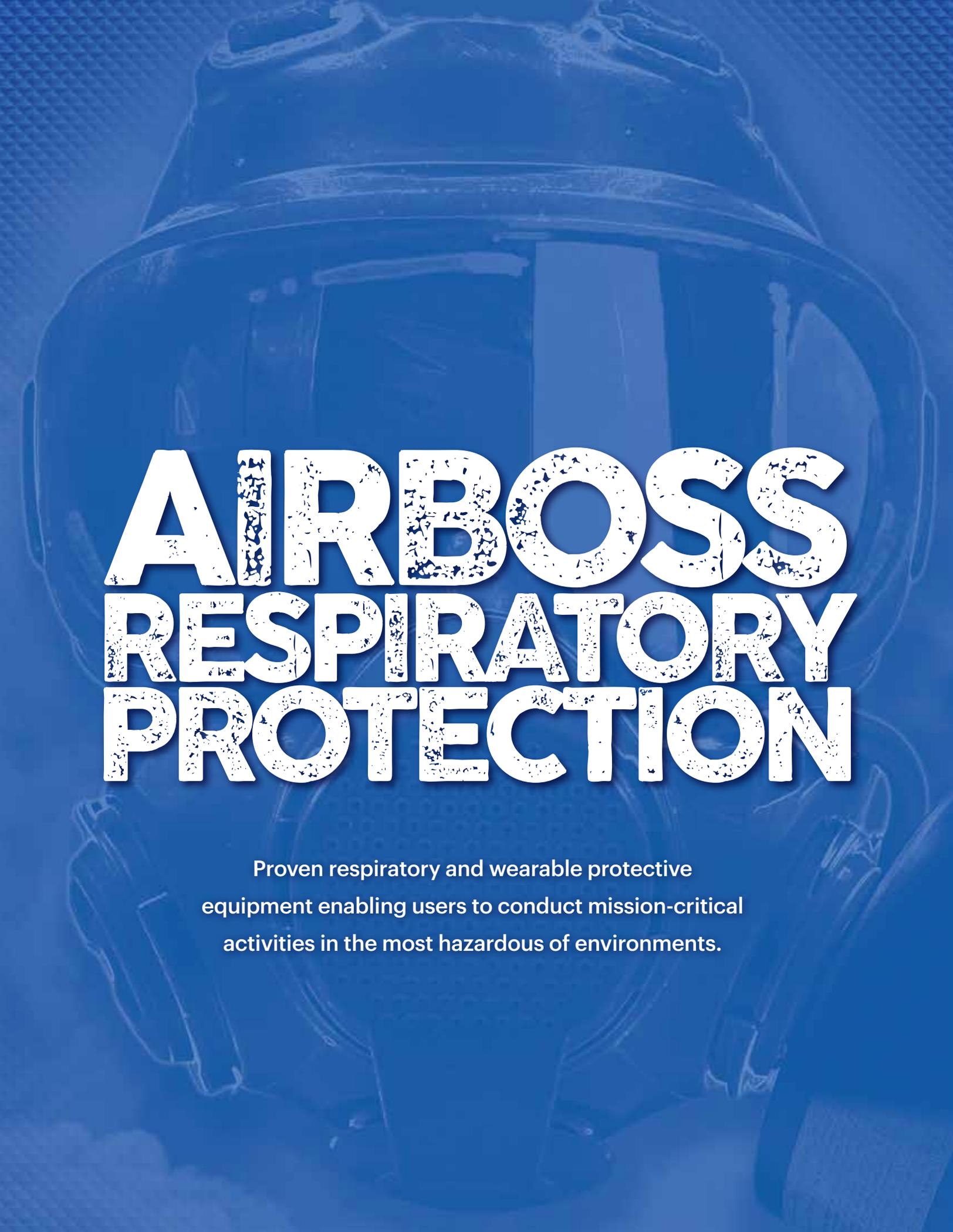
---

### SENSORS

The Blast Gauge® System .....	34
-------------------------------	----

### ENERGETICS

Bandolier® Lightweight Clearing Charge .....	36
--	----



# AIRBOSS RESPIRATORY PROTECTION

Proven respiratory and wearable protective  
equipment enabling users to conduct mission-critical  
activities in the most hazardous of environments.

# RESPIRATORS

Scalable personal protection from a full range of respiratory hazards and Chem-Bio threats for defense, medical, and law enforcement personnel operating in high-risk areas.

## AIRBOSS LOW BURDEN MASK (LBM)

Providing outstanding protection with an industry-leading design, the LBM offers the best balance of operational capability, comfort, and protection. The LBM is one of the lightest military respirators available and offers optimum weight distribution, and minimal breathing resistance.

### KEY FEATURES



#### Comfortable secure fit

Unique stretching fabric with two points of adjustment. The frontal fused attachment prevents hotspots and rubbing, even when worn with a helmet.



#### Mission configurable

Compatible with most SCBAs and PAPRs for operation-driven protection.



#### Enhanced visual acuity

Ballistic-, scratch- and fog-resistant lens with superior field of view.



#### Safe hydration

Easy-to-use drinking system connects to a canteen for user hydration without contamination.



#### Tailorable optical protection

Optional clear, sun, and laser protective outserts for specific operational needs.



#### Vision correction system

An optional optical insert carrier can be fitted with your single-vision prescription (Rx) lenses (provided by your optician) and clipped inside the mask.



### LOW BURDEN MASK

Part Number 095110A01 (Without sun visor)

[See index for a complete listing of part numbers.](#)

Weight 1.1 lb (500 g) per unit (size L, without filter)

Facepiece Bromobutyl rubber

Inner Mask Silicone

Value Discs Silicone, natural rubber

Lenses Polycarbonate ballistic lens

Color Black

Sizes Small (S), Medium (M), Large (L), and Extra Large (XL)

Shelf Life 15 years in original packaging

Packaging Vacuum foil bag

[Optional prescription Optical Inserts available.](#)



#### Pressure adjustable

A positive pressure module (PPM) attachment allows the mask to switch between negative and positive pressure.



#### Clear communication

An optional voice projection unit (VPU) accessory allows the user to amplify and project their voice for increased clarity.



#### Filter interoperability

40mm standard NATO filter threads allow the mask to be used with multiple filter options.

# LBM OUTSERT VISORS

Over the last decade, reported laser strikes have risen exponentially. Laser threats are not only more prevalent, they are also more diverse. Our unique Laser Outsert Visors, specially developed for the AirBoss Low Burden Mask (LBM), offer precise eye defense against various light energy wavelengths, including harmful and invisible near-infrared energy. Our LBM Outsert Visors offer various forms of protection, including sun protection, scratch protection or improved contrast/blue blocker.

LBM LASER OUTSERT VISORS						
Color	Part Number	SIZE	PRODUCT NAME	PROTECTED LASERS	OPTIMIZED PROTECTION	VISIBLE LIGHT TRANSMISSION (VLT) <i>Photopic/Scotopic</i>
Green 	095505B01-SM--A 095505B01-LXL-A	Small / Medium Large / Extra Large	<b>G6-AB</b>	Violet Blue	694.3nm OD 41064nm OD4	45% / 40%
Orange 	095506A01-SM--A 095506A01-LXL-A	Small / Medium Large / Extra Large	<b>FT-AB</b>	Violet Blue Green	405nm OD4 445nm OD4 532nm OD3	42% / 6%
Brown 	095509A01-SM--A 095509A01-LXL-A	Small / Medium Large / Extra Large	<b>GI-AB</b>	Violet Blue Green NIR	405nm OD5 445nm OD5 532nm OD3 800nm-820nm OD3 820nm-900nm OD4 1064nm OD6	25% / 4%

LBM OUTSERT VISORS			
Color	Part Number	SIZE	PRODUCT DESCRIPTION
Smoke 	095510A01-SM--A 095510A01-LXL-A	Small / Medium Large / Extra Large	Smoke visor with sun protection
Dark Smoke 	095502D01-SM--A 095502D01-LXL-A	Small / Medium Large / Extra Large	Dark smoke visor with sun protection
Clear 	095507D01-SM--A 095507D01-LXL-A	Small / Medium Large / Extra Large	Clear visor with scratch protection
Yellow 	095501-SM--A 095501-LXL-A	Small / Medium Large / Extra Large	Yellow visor with improved contrast/blue blocker

There is a minimum order quantity of 500 for laser and outsert visors. Smaller quantities may be available, contact us to verify availability.



# AIRBOSS C4 CBRN GAS MASK

The AirBoss C4 Gas Mask is a trusted air-purifying respirator choice for protection by military, police, and first responders worldwide. The butyl rubber is tested in the harshest conditions and is proven to protect users against chemical warfare agents (CWA), toxic industrial chemicals (TIC), and biological agents. With an optimal balance of performance and comfort, it has been a mask of choice for over a decade, and it's still going strong.



## KEY FEATURES



### Comfortable and secure fit

A breathable mesh head harness for easy long-duration wear with head gear, and two adjustment points for fast donning and doffing.



### Interchangeable filters

EN 148-1 40mm NATO filter threads for use with any AirBoss filter. They can be used on either the left or right side for a clear view with weapon sights.



### Operation-driven optics

Shatterproof and replaceable polycarbonate ballistic lenses for superior operational performance and protection.



### Vision Correction System

An optional optical insert carrier can be fitted with your single-vision prescription (Rx) lenses (provided by your optician) and clipped inside the mask.



### Audible speech transmission

Front and side speech transmitters, and usable with an optional AirBoss Voice Projection Unit (VPU) for clear, audible speech.



### Safe hydration

Useable with CBRN canteens and CamelBaks for safe hydration when it's needed most.



### Protection

24-hour defense against chemical warfare agents (CWA), toxic industrial chemicals (TIC), and biological agents.

## C4 CBRN MASK

Part Number	088011C01
<a href="#">See index for a complete listing of part numbers.</a>	
Weight (Without Filter)	1 lb (454 g) per unit (size M)
Lenses	Polycarbonate, ballistic lenses
Operational Range	-26°F to 158°F (-32°C to 70°C)
Storage	-67°F to 140°F (-55°C to 60°C)
Color	Black
Sizes	Extra Small (XS), Small (S), Medium (M), and Large (L)
Shelf Life	15 years in original packaging
Packaging	Vacuum foil bag

# AIRBOSS C420 PAPR SYSTEM

The C420 PAPR system filters contaminants from ambient air and provides constant, filtered airflow to the facepiece. It is the most popular first-responder PAPR system in the world and has been proven in military, tactical, aviation, and industrial applications.

## KEY FEATURES

Cool, filtered airflow offers a high degree of comfort, extending user operational endurance for long durations, even in the harshest environments. The C420 is a time-tested choice among military, law enforcement, and first responders.

### Decontaminable and lightweight

Our unique design allows the C420 PAPR system to remain economical in weight while simultaneously decontaminable after contact with contaminants.

### Battlefield proven technology

Developed alongside military professionals to be best suited for their needs.



Our C420 PAPR system is NIOSH certified with FR-C2A1 or M96 filters

- TC-23C-2457
- TC-23C-2469

CBRN NIOSH certified with CAP 1 filters

- TC-14G-0317



C420 PAPR SYSTEM	
N-60198-001	PAPR Kit With Hydration & Bladder
N-60199-001	PAPR Kit
CBRN1-HRS-30-B	CBRN PAPR Kit
*Options for Hydration port (H/N), left or right side (L/R) & Promask 2000 size (5/M)	
<a href="#">See index for a complete listing of part numbers.</a>	
Battery	Non-rechargeable operates 7+ hours Rechargeable operates 4 hours
Flow Rate	From 115 to 140 lpm Exceeds NIOSH minimum requirements
Temperature Range	-26°F to 120°F (-32°C to 49°C)
Electromagnetic Interference (Emi)	MIL-STD-461C, Part 4, RE102
Environmental	Water and dust protection to IP68 with inlet and outlet ports covered
Expected Working Life	1,000 hrs (per EA-DTL-1827)
Overall Dimensions	8.12" W x 9" H x 3" D (206 x 229 x 76 mm)
Weight	1.44 lb (653 g) blower only 3.75 lb (1.7 kg) with 2 cartridges and battery
Connection	EN 148-1 (40mm) NATO thread
Material	Noryl
Color	Black
Configurations	Single Speed Single Speed with remote cable 3 Speed 3 Speed with remote cable Low flow and voltage



\*C420 is certified in Single Speed and Single Speed with Remote Cable only.

CBRN certification is in single speed configuration.

# AIRBOSS FLEXAIR® PAPR SYSTEM

The FlexAir® is a NIOSH-approved, compact, and lightweight Powered Air-Purifying Respirator (PAPR) providing filtered particulate protection at 99.97% efficiency.

## KEY FEATURES

Filtered air is delivered through the waist-mounted blower unit to the user's headpiece via a lightweight and flexible breathing hose. The flexible design permits multiple filter configurations providing NIOSH-approved biological and/or chemical protection tailored to the environment.

### Simple and easy-to-use design

A simple design with filter, hose, charging ports, and an on/off switch allows for easy, straightforward operation, permitting the provider to focus on patient care while knowing they are protected.

### Lightweight and compact blower

The comfortable, waist-mounted blower weighs just 1.3 pounds, including the onboard battery, in a compact 3-inch by 5-inch square box threaded on an adjustable belt.

### Ultimate respiratory protection

Use in a two-filter, high-efficiency configuration for biological protection, or a three-cartridge combination for protection against organic vapors, acid gases, ammonia, formaldehyde, methylamine, and particulates.

### Comfortable extended wear

More comfort and flexible applications promote maximum use for extended periods, ensuring protection to providers in any circumstance.

### Reduced user burden

Exceeds NIOSH airflow requirements of 170 liters per minute (lpm), reducing pulmonary stress and risk of respiratory illness. The design provides the highest levels of protection without interfering with patient care or additional strain on the healthcare provider.

### Advanced warning system

Two independent, audible alarms for low airflow and low battery facilitate safe and timely exits from contaminated areas.



FLEXAIR® PAPR	
Part Number	N-60180-001 (Blower kit only)
<a href="#">See index for a complete listing of part numbers.</a>	
NIOSH Approvals	TC-21C-0809, TC-21C-0840, TC-23C-2458, TC-23C-2848, TC-23C-2497
Flow Rate	Greater than 170 lpm
Battery Type	Integrated lithium battery
Battery Life	Up to 500 charge/discharge cycles
Battery Duration	Up to 75 hours on a full charge
Filter and Cartridge Options	Three M96 Cartridges (HE/AM/CD/CL/FM/HC/HF/MA/OV/SD) or two HE 100 Cartridges (particulates, aerosols, bio-hazards)
Weight of FlexAir	1.32 lb (596 g) blower with battery 1.74 lb (786 g) with two HE 100 filters 3.87 lb (1.76 kg) with three M96 cartridges
FlexAir PAPR Blower Dimensions (Without Cartridges)	Width: 3.70 in (94 mm) Height: 5.27 in (134 mm) Length: 4.15 in (106 mm)
Accessories	Loose-fit visor w/drawstring Loose-fit visor w/cape



# AIRBOSS 100® HALF MASK RESPIRATOR

Protect yourself and those around you with the NIOSH approved AirBoss 100® Half Mask Respirator. It's the next step forward in personal protective equipment (PPE) for healthcare workers, law enforcement, and first responders. The AirBoss 100® Half Mask is an easy-to-use, affordable, reusable mask that carries the protective power of the N100 filter, and its lightweight, comfortable design reduces discomfort from long-term respirator wear. The AirBoss 100 is proudly made in the USA.



## KEY FEATURES



### Two-way protection

The AirBoss 100® Half Mask is one of the first respirators to filter both inhalation and exhalation, offering N100 protection to the user and environment on every breath.



### High-performance filtration

The AirBoss N100 filter protects against > 99.97% of particulates while providing excellent moisture management, clear voice transmission, and low breathing resistance.



### Soft interior conforms to your face

Features a flexible nose cup for improved facial fit, a comfortable head harness, and low breathing resistance to help reduce discomfort from long-term respirator wear.



### Visor attachment

An easily mounted visor accessory offers a broader level of protection for the user's face and eyes.

## KEY BENEFITS

- Filtered inhalation and exhalation
- Designed to protect against >99.97% of particulates
- Comfortable extended wear
- Clear voice transmission

AIRBOSS 100® HALF MASK RESPIRATOR	
Part Number	41000 (Small/Medium)
Part Number	41007 (Large/Extra Large)
<a href="#">See index for a complete listing of part numbers.</a>	
Filtration	Inhalation and exhalation
Filter	N100 (>99.97 of particulates)
Dimensions	5.19" x 4.76" x 4.84" (13.2 x 12.1 x 12.3 cm)
Weight	4.7 oz (133 g) nominal
Color	2-tone assembly: grey and white
Sizes	S/M and L/XL
Accessories	N100 filter Visor and visor clips Head harness Visor clips



# FILTRATION

AirBoss cartridges and filters are designed to protect against a wide range of chem-bio agents and contaminants. They can be used individually or in a dual configuration for maximum effect in the harshest environments.

## CBRN CAP 1 CARTRIDGE

The CBRN CAP 1 cartridge is an integral subsystem of the ADG CBRN CAP 1 C420 PAPR System.

It provides protection against particulates, toxic chemicals, and chemical warfare agents.

### PROTECTS AGAINST THE FOLLOWING

- Particulates
- Ammonia
- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Cyanogen Chloride
- Cyclohexane
- Hydrogen Cyanide
- Hydrogen Sulfide
- Nitrogen Dioxide
- Phosgene
- Phosphine
- Sulfur Dioxide
- Organic Vapors
- Acid Gases
- Hydride Family
- Formaldehyde Family
- Nitrogen Oxide Family



CBRN CAP 1 CARTRIDGE			
<b>Part Number</b>	CBRN-70027-001	CBRN-70027-020	CBRN-70027-480
<b>Quantity</b>	1 unit	20 per case	480 per pallet
<b>Certification</b>	NIOSH certified		
<b>Shelf Life</b>	10 years in original foil-sealed packaging		
<b>Dimensions</b>	Height: 3.50 in (89 mm) Diameter: 4.57 in (116 mm)		
<b>Weight</b>	13.4 oz (380g)		
<b>Connection</b>	EN 148-1 (40mm) NATO thread		
<b>Material</b>	Noryl GFN1		
<b>Color</b>	Black		
<b>Breathing Resistance (Nominal)</b>	42 mm H <sub>2</sub> O at airflow rate of 85 lpm		
<b>Filter Efficiency</b>	P100 (>99.97%)		

## M96 CARTRIDGE

The M96 Cartridge is designed with activated impregnated carbon to remove harmful gases and vapors.

The AirBoss Defense M96 Cartridge has been tested against military and NIOSH protocols and found to be effective against a broad spectrum of chemical warfare agents (CWA) and toxic industrial chemicals (TIC).

### PROTECTS AGAINST THE FOLLOWING

- Particulates
- Ammonia
- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Cyanogen Chloride
- Cyclohexane
- Hydrogen Cyanide
- Hydrogen Sulfide
- Nitrogen Dioxide
- Phosgene
- Phosphine
- Sulfur Dioxide
- Organic Vapors
- Acid Gases
- Hydride Family
- Formaldehyde Family
- Nitrogen Oxide Family



M96 CARTRIDGE			
<b>Part Number</b>	S-70020-F01	S-70020-F20	S-70020-F480
<b>Quantity</b>	1 unit	20 per case	480 per pallet
<b>NSN</b>	4240-01-574-9568		
<b>Certification</b>	NIOSH certified		
<b>Shelf Life</b>	10 years in original foil-sealed packaging		
<b>Dimensions</b>	Height: 3.50 in (89 mm) Diameter: 4.57 in (116 mm)		
<b>Weight</b>	13.4 oz (380 g)		
<b>Connection</b>	EN 148-1 (40mm) NATO thread		
<b>Material</b>	Noryl GFN1		
<b>Color</b>	Black		
<b>Breathing Resistance (Nominal)</b>	42 mm H <sub>2</sub> O at airflow rate of 85 lpm		
<b>Aerosol Protection</b>	P100 (>99.97%)		

# M96 CE CARTRIDGE

The M96 CE Cartridge uses a mechanical filter for greater airflow, allowing easy removal of solid and liquid aerosols such as biological agents and radiological particles. It also uses activated, impregnated carbon to remove harmful gases and vapors.

AirBoss Defense M96 CE Cartridge has been tested against military and EN-14387 protocols and is proven effective against various chemical warfare agents (CWA) and toxic industrial chemicals (TIC).

## PROTECTS AGAINST THE FOLLOWING

- Particulates
- Ammonia
- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Cyanogen Chloride
- Cyclohexane
- Hydrogen Cyanide
- Hydrogen Sulfide
- Nitrogen Dioxide
- Phosgene
- Phosphine
- Sulfur Dioxide
- Organic Vapors
- Acid Gases
- Hydride Family
- Formaldehyde Family
- Nitrogen Oxide Family



M96 CE CARTRIDGE	
Part Number	S-70033-001
Part Number	088881
Certification	CE 0598 Certified to EN 14387 A2B2E2K1SXP3 D R in compliance with PPE directive 89/686/EEC
Shelf Life	10 years in original foil-sealed packaging
Dimensions	Height: 3.50 in (89 mm) Diameter: 4.57 in (116 mm)
Weight	13.4 oz (380 g)
Connection	EN 148-1 (40mm) NATO thread
Material	Noryl GFN1
Color	Black
Breathing Resistance (Nominal)	60 mm H <sub>2</sub> O at airflow rate of 95 lpm
Aerosol Protection	P3 (EN 143)

# FR-C2A1 CARTRIDGE

Protects the user against a broad spectrum of particulates, gases, and military chemical warfare agents.

The FR-C2A1 Cartridge is a mechanical cartridge designed with activated impregnated carbon to remove harmful gases and vapors.

## PROTECTS AGAINST THE FOLLOWING

- Particulates
- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Cyanogen Chloride
- Cyclohexane
- Hydrogen Cyanide
- Hydrogen Sulfide
- Nitrogen Dioxide
- Phosgene
- Phosphine
- Sulfur Dioxide
- Organic Vapors
- Acid Gases
- Hydride Family
- Nitrogen Oxide Family



FR-C2A1 CARTRIDGE			
Part Number	S-70019-F01	S-70019-F20	S-70019-F480
Quantity	1 unit	20 per case	480 per pallet
Certification	NIOSH certified		
Shelf Life	10 years in original foil-sealed packaging		
Dimensions	Height: 3.00 in (76 mm) Diameter: 4.23 in (107 mm)		
Weight	8.8 oz (249 g)		
Connection	EEN 148-1 (40mm) NATO thread		
Material	Noryl GFN1		
Color	Green		
Breathing Resistance (Nominal)	40 mm H <sub>2</sub> O at airflow rate of 85 lpm		

# RIOT CONTROL CANISTER

The Riot Control Canister is a solution specifically designed to protect against riot control agents and gases.



## KEY FEATURES

Designed with a standard 40mm thread connection, it's compatible with multiple respiratory protection systems. The low profile and lightweight design provide high protection levels with minimal additional strain on the user.

### Compatible with most masks

Designed with standard 40mm NATO threads to be used interchangeably with most masks.

### Seamless integration with protective gear

The low profile and lightweight filter design allow for easy integration with riot control helmets and operational protective gear.

### Protection against riot control agents

Developed with the operational needs of law enforcement professionals in mind. The Riot Control Canister provides protection against riot control agents and tear gases, including pepper spray (OC), CS, and CN gases.

RIOT CONTROL CANISTER	
Part Number	S-70060-001
Shelf Life	10 years in original foil-sealed packaging
Dimensions	Height: 2.51 in (64 mm) Diameter: 4.20 in (106 mm)
Weight	5.64 oz (160 g)
Connection	EN 148-1 (40mm) NATO thread
Material	Noryl GFN1
Color	Black
Breathing Resistance (Nominal)	20 mm H <sub>2</sub> O at airflow rate of 85 lpm
Aerosol Protection	P100 (>99.97%)

## PROTECTS AGAINST THE FOLLOWING

- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Oleoresin Capsicum

# HE FILTER

When combined with a compatible respiratory device, the HE 100 filter filtrates particulates and biological pathogens.



## PROTECTS AGAINST THE FOLLOWING

- Particulates

HE FILTER			
Part Number	S-70013-001	S-70013-020	S-70013-480
Quantity	1 unit	20 per case	480 per pallet
Certification	NIOSH certified		
Shelf Life	10 years (polybag)		
Dimensions	Height: 2.20 in (56 mm) Diameter: 4.23 in (107 mm)		
Weight	3.1 oz (88 g)		
Connection	EN 148-1 (40mm) NATO thread		
Breathing Resistance (Nominal)	15 mm H <sub>2</sub> O at airflow rate of 85 lpm		
Material	ABS plastic		
Particulate Protection	60 mm H <sub>2</sub> O at airflow rate of 95 lpm		
Aerosol Protection	P100 (> 99.97%)		

# AIRBOSS CARTRIDGE AND FILTER COMPARISON

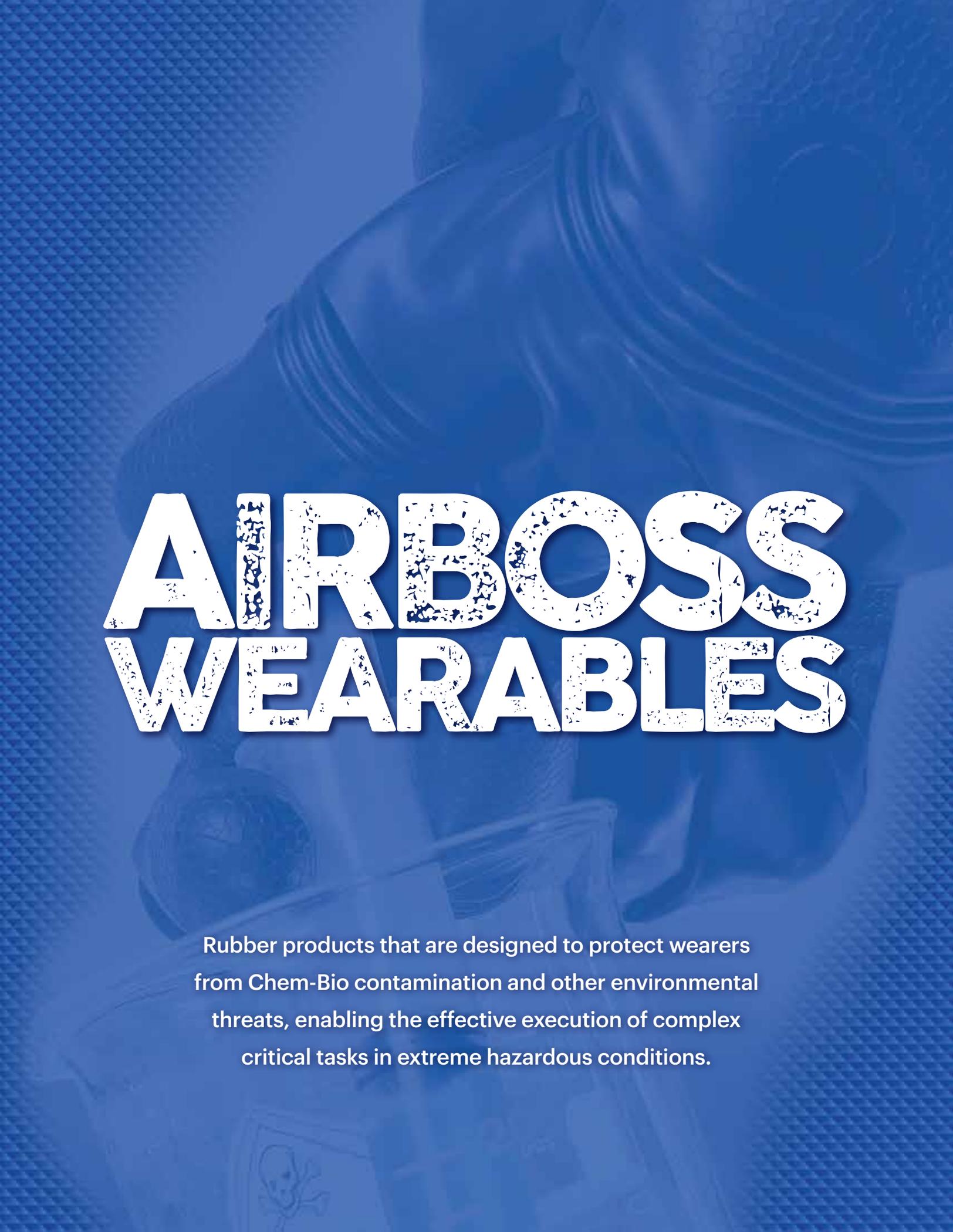
AirBoss cartridges and filters protect against a wide range of chem-bio agents and contaminants. They can be used individually or in a dual configuration for maximum effect in the harshest environments. With a 10-year shelf life and stringent testing in accordance with NIOSH standards, our cartridges and filters are of the highest quality and provide trusted protection. Each is designed with the standard (40mm) NATO thread connection that is compatible with multiple respiratory protection systems.



	CBRN CAP 1	M96	M96 CE	FR-C2A1	RIOT CONTROL	HE
<b>Part Number</b>	CBRN-70027-001	S-70020-F01	S-70033-001	S-70019-F01	S-70060-001	S-70013-001
<b>Certification</b>	NIOSH	NIOSH	CE 0598	NIOSH		NIOSH
<b>Height</b>	3.50 in (89 mm)	3.50 in (89 mm)	3.50 in (89 mm)	3.00 in (76 mm)	2.51 in (64 mm)	2.20 in (56 mm)
<b>Diameter</b>	4.57 in (116 mm)	4.57 in (116 mm)	4.57 in (116 mm)	4.23 in (107 mm)	4.20 in (106 mm)	4.23 in (107 mm)
<b>Weight (Nominal)</b>	13.4 oz (380 g)	13.4 oz (380 g)	13.4 oz (380 g)	8.8 oz (249 g)	5.64 oz (160 g)	3.1 oz (88 g)
<b>Breathing Resistance (Nominal)</b>	42 mm H <sub>2</sub> O at airflow rate of 85 lpm	42 mm H <sub>2</sub> O at airflow rate of 85 lpm	60 mm H <sub>2</sub> O at airflow rate of 95 lpm	40 mm H <sub>2</sub> O at airflow rate of 85 lpm	20 mm H <sub>2</sub> O at airflow rate of 85 lpm	15 mm H <sub>2</sub> O at airflow rate of 85 lpm
PROTECTS AGAINST						
Particulates	●	●	●	●	●	●
Ammonia (AM)	●	●	●	○	○	○
2-Chlorobenzylidene Malononitrile (CS)	●	●	●	●	●	○
2-Chloroacetophenone (CN)	●	●	●	●	●	○
Cyanogen Chloride (CK)	●	●	●	●	○	○
Cyclohexane (CH)	●	●	●	●	○	○
Hydrogen Cyanide (AC)	●	●	●	●	○	○
Hydrogen Sulfide (HS)	●	●	●	●	○	○
Nitrogen Dioxide (NO)	●	●	●	●	○	○
Phosgene (CG)	●	●	●	●	○	○
Phosphine (PH)	●	●	●	●	○	○
Sulfur Dioxide (SD)	●	●	●	●	○	○
Organic Vapors (OV)*	●	●	●	●	○	○
Acid Gases*	●	●	●	●	○	○
Hydride Family*	●	●	●	●	○	○
Formaldehyde Family* (FM)	●	●	●	○	○	○
Nitrogen Oxide Family*	●	●	●	●	○	○

\* For a complete listing of agent protection, contact us at [ADG.com](http://ADG.com)





# AIRBOSS WEARABLES

Rubber products that are designed to protect wearers from Chem-Bio contamination and other environmental threats, enabling the effective execution of complex critical tasks in extreme hazardous conditions.

## MOLDED AIRBOSS LIGHTWEIGHT OVERBOOT (MALO)

Overboot protection from the dangers of CBRN hazards on the battlefield.

### KEY FEATURES

Constructed with bromobutyl rubber, the MALO provides chemical, biological, and battlefield contaminant protection and is the premier overboot solution worldwide. The MALO provides proven protection and is currently fielded with Canadian, UK, and US forces, and has been integrated globally with most chemical protective ensembles.

#### Lightweight and rugged

Provides improved mobility and comfort with the durability to ensure performance in any environment.

#### Comprehensive sizing

Available in five sizes covering 95% of the population, providing an optimal fit for any user.

#### Quick decontamination

Field washable for improved readiness and reduced logistics burden.

#### Proven design

Ambidextrous design, adjustable straps, and powdered finish allow for easy donning and doffing, ensuring users can quickly respond in any event.

#### Up to 24 hours of protection

Proven continuous protection against chemical and biological agents, and a wide range of toxic industrial chemicals, reducing the risk of exposure.



#### MOLDED LIGHTWEIGHT OVERBOOT

Part Number	230561A01
<a href="#">See index for a complete listing of part numbers.</a>	
Operational Range	-49°F to 158°F (-45°C to 70°C)
Storage	61°F to 79°F (16°C to 26°C)
Shelf Life	15 years in original packaging
Color	Black
Sizes	Small (S), Medium (M), Large (L), Extra Large (XL), and Extra Extra Large (XXL)
Weight	2.62 lb (1.19 kg) per pair (size L)
CE Certificate	CE 0598

# AIRBOSS MOLDED GLOVE (AMG)

The AMG is a non-flame resistant CBRN glove designed specifically to protect our warfighters and first responders, providing the ultimate safety, comfort, and dexterity demanded by those operating in hazardous environments. Injection molded using bromobutyl rubber, the AMG fits better, dons faster, and lasts longer than dipped gloves. With a full line of traditional and touchscreen liners, the AMG continues to be the battle-proven CBRN glove of choice for militaries and first responders worldwide.



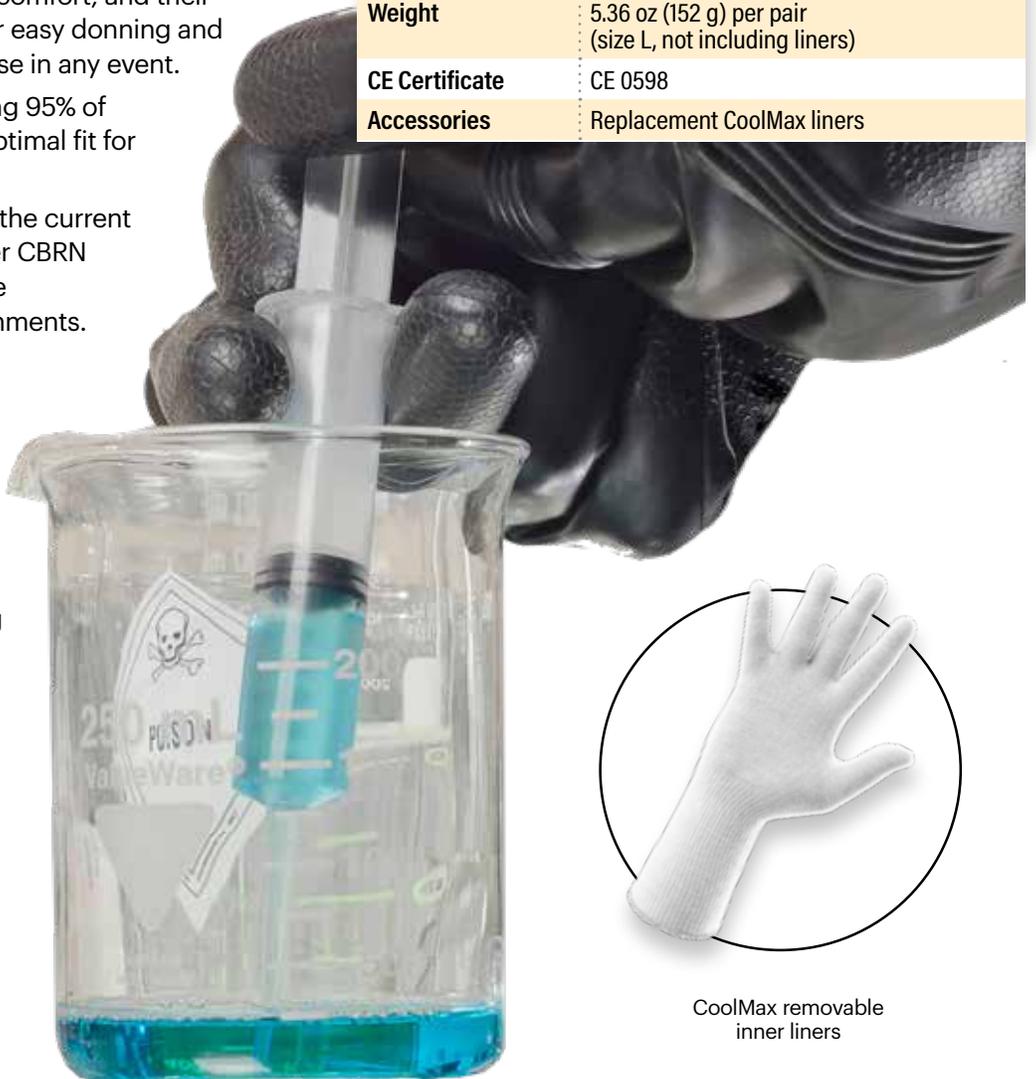
- Lightweight, rugged, and durable construction for low-burden protection, increased mobility, and improved readiness.
- Provides chemical warfare agent, toxic industrial material, biological agent, and radiological particulate protection.
- Glove exterior has a matte and powdered finish. Textured grasp areas and ribbed joints provide optimized grip, comfort, and dexterity.
- CoolMax liners provide added comfort, and their ambidextrous design allows for easy donning and doffing, ensuring quick response in any event.
- Available in seven sizes covering 95% of the population, providing an optimal fit for any user.
- Interoperable and proven with the current U.S. JSLIST and numerous other CBRN ensembles, allowing for flexible applications in multiple environments.

## Optional:

Touchscreen liners provide all the wicking and comfort enhancement of the standard liners but are woven with silver threading to allow for touchscreen use while wearing the AMG.



Textured finish for optimized grip



CoolMax removable inner liners

AIRBOSS MOLDED GLOVE	
Part Number	089631A01 (With CoolMax liner)
Part Number	089641A01 (Without CoolMax liner)
<a href="#">See index for a complete listing of part numbers.</a>	
Operational Range	-49°F to 158°F (-45°C to 70°C)
Storage	61°F to 79°F (16°C to 26°C)
Shelf Life	15 years in original packaging
Sizes	Small (S), Medium Narrow (MN), Medium (M), Large Narrow (LN), Large (L), Extra Large Narrow (XLN), and Extra Large (XL)
Color	Black
Packaging	Low profile vacuum packed in clear plastic
Weight	5.36 oz (152 g) per pair (size L, not including liners)
CE Certificate	CE 0598
Accessories	Replacement CoolMax liners

# AIRBOSS VAPOR BARRIER BUNNY BOOT

The Bunny Boot was designed after numerous soldiers suffered from frostbite while fighting in the Battle of Chosin Reservoir during the Korean War. It supports soldiers in the coldest conditions that any military could reasonably attempt to operate in; a 'worst-case scenario' that includes regions such as Alaska, Siberia, and both the Arctic and Antarctic poles.

"Bunny Boot" is the most common nickname for the Extreme Cold Vapor Barrier Boot. This large, bulbous, waterproof rubber boot can be worn in extremely cold weather, -20°F to -60°F (-29°C to -51°C), with the liner-free interior retaining warmth by sandwiching up to one inch of wool and felt insulation between two vacuum-tight layers of rubber. The Bunny Boot's design includes an air valve system that relieves air pressure while airborne and allows the wearer to check the boot for leakage.

WEARABLES

- Currently in service with U.S. and Foreign Armed Forces.
- Provides excellent thermal insulation down to -60°F (-51°C).
- Excellent physical properties.
- Resistant to mold, mildew, and fungus growth.
- 100% waterproof.
- CBRN resistant.
- Petroleum, oil, and lubricant (POL) resistant soles.
- Compatible with snowshoes, crampons, and military ski systems.
- Pressure relief valve.



## VAPOR BARRIER BUNNY BOOT

<b>Part Number</b>	<b>530201U03</b>
<a href="#">See index for a complete listing of part numbers.</a>	
<b>Weight</b>	7.25 lb (3.29 kg) per pair (size 9 boot)
<b>Height</b>	11 in (279 mm) size 9 boot
<b>Color</b>	White
<b>Sizes</b>	3 to 14 narrow, regular and wide
<b>Interface</b>	Compatible with standard issued ski bindings, crampons, and snowshoes. The boots include a ski-strap shelf.
<b>Water resistance</b>	100% waterproof
<b>Slip resistance</b>	Slip-resistant sole and heel
<b>Toxicological resistance</b>	Minimum resistance to mustard penetration of 75 minutes and minimum resistance to Isopropyl methylphosphonofluoridate (GB) of 100 minutes
<b>Thermal insulation</b>	Minimum overall insulation Clo value of 1.5, and an average Clo value of 1.7 at the toe
<b>Minimum order quantity</b>	500

# AIRBOSS EXTREME COLD WEATHER MUKLUK

Built for cold weather operations and designed for high traction and mobility in frozen environments.

## KEY FEATURES

Designed and developed in Canada after extensive field testing and user feedback, the Mukluk achieves the optimal balance between weight, insulation, comfort, and durability. Breathable and anti-microbial, lightweight yet heavy duty, this is the world's top extreme cold weather performer.

### Built for soldier comfort in extreme cold

Performs comfortably from 32°F to -67°F (0°C to -55°C).

### Water resistant and fast drying

The outer shell system prevents water infiltration while evacuating humidity. The inner core consists of fast-drying double-felt insulation.

### Removable insoles

Two removable insoles (felt and synthetic mesh) optimize comfort, moisture management, and thermal performance.

### Anti-microbial, anti-fungal, and chemically resistant

Excellent anti-microbial/anti-fungal properties. Resistant to chemicals such as degreasers, cleaning agents, and lubricating oils.

### Interface with snowshoes

Stable interface with snowshoes for whatever the battlefield requires.

### Heavy-duty laces and blucher-style lacing

Heavy-duty laces for easier cold-weather handling and blucher-style lacing for a comfortable and snug fit.

### One-piece molded outsole

The molded outsole provides improved traction and excellent performance on challenging surfaces.

### Lace-up snow guard

The lace-up snow guard prevents debris and snow from entering the boot.

### A multitude of sizing options

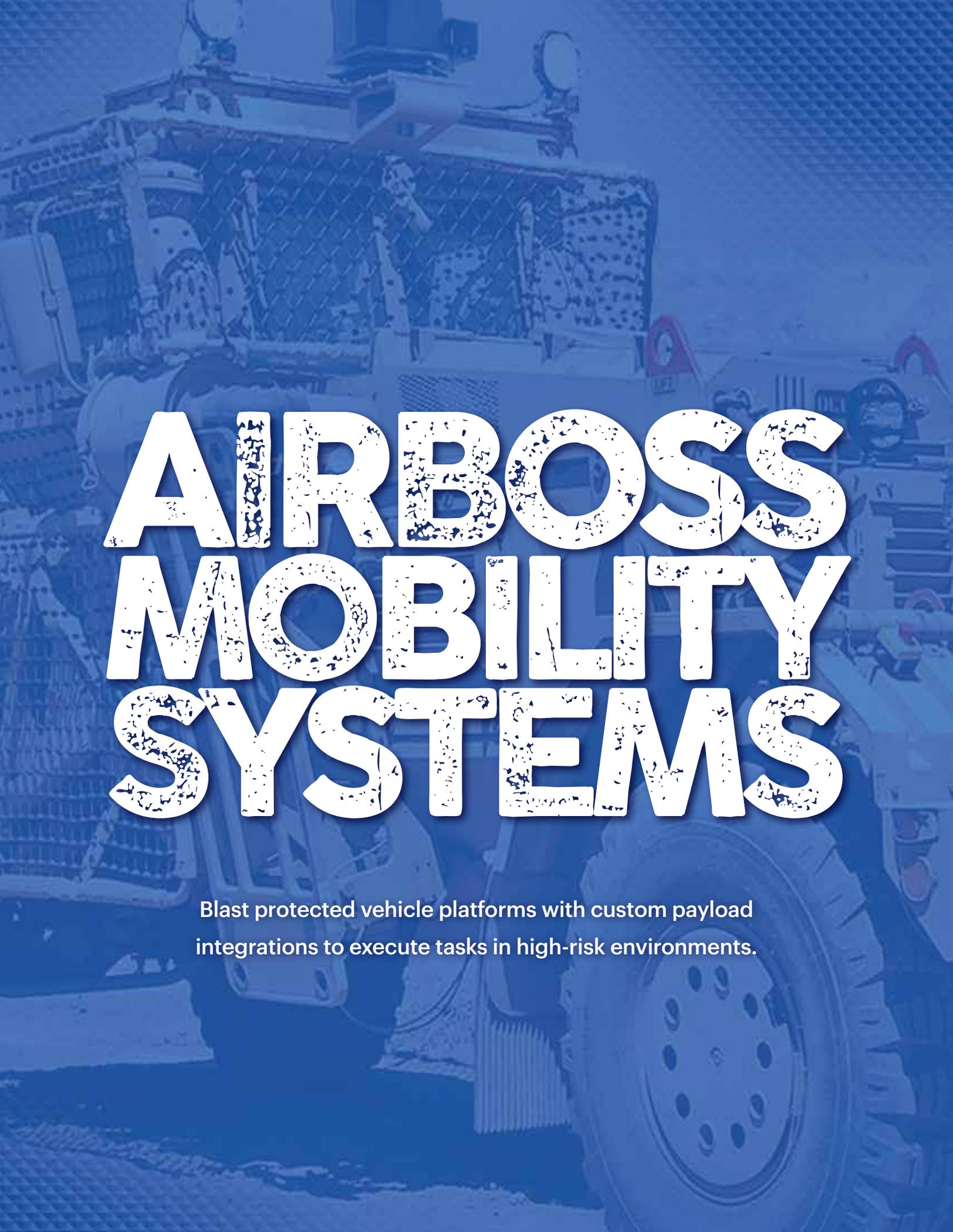
Available in sizes covering 99% of the population, providing an optimal fit for users of any size.



WEARABLES

EXTREME COLD WEATHER MUKLUK	
Part Number	550951U03
<a href="#">See index for a complete listing of part numbers.</a>	
Weight	5.95 lb (2.7 kg) per pair (size 9M)
Total Exterior Height	18.1 in (46 cm) (size 9M)
Removable Liner Drying Rate	85% dry in 6 hours
Foot Bed Components Drying Rate	90% dry in 10 hours
Thermal Rating	-67°F (-55°C)
Sizes	Available in US sizes 5 to 13
Color	White
Minimum order quantity	5,000





# AIRBOSS MOBILITY SYSTEMS

Blast protected vehicle platforms with custom payload integrations to execute tasks in high-risk environments.

# VEHICLES

Blast-survivable, protected payload delivery vehicles with frangible design features that enable custom payload integration to execute a range of clearance tasks in high-risk environments.

## HUSKY 2G VEHICLE

The Husky 2G will withstand IED blasts, small arms fire, and the most rugged terrain imaginable. It is built for operator survivability and effective route clearance operations.

### KEY FEATURES

The development of the two-operator Husky 2G clearance vehicle was prompted by the operational requirement for longer, more complex mounted clearance missions and employment of more sophisticated vehicle payloads. Recognized as one of the U.S. Army's Top Ten Inventions of 2011, the 2G platform addresses evolving explosive threats while applying the operationally proven survivability tenets that have made the Husky family of vehicles the most survivable platforms on the battlefield.



**HUSKY 2G VEHICLE**

<b>Curb Weight</b>	19,841 lb (9,000 kg)
<b>Dimensions</b>	Length: 24 ft (7.32 m) Height: 10.3 ft (3.14 m)
<b>Speed</b>	Up to 45 mph (governed speed)
<b>Shelter Weight</b>	72 lb (32.66 kg)
<b>Power</b>	201 hp
<b>Fuel Capacity</b>	39.5 gal
<b>Torque</b>	553 lb-ft



### **Blast-protected V-shaped hull**

The V-shaped hull protects Husky operators and critical components from subsurface blasts by increasing hull rigidity and ground standoff while channeling explosive forces, fragmentation, and debris away from the cab.

### **Removable bolt-on armor and armored glass**

Bolt-on and transparent armor at the front and sides, and options for additional protective peripheral upgrades for specific anti-armor threats make the Husky 2G highly survivable from kinetic threats.

### **Air, sea, and rail transportable**

The Husky 2G can be deployed rapidly by air or containerized through its modular design, increasing a force's operational readiness while decreasing the logistical burden and active response times.

### **Two-operator capacity**

Sophisticated high-sensitivity sensors, optics, and other mission-enhancing peripherals have become standard enablers for route clearance platforms. The 2G's increased cab capacity allows an optional second operator to share task burden and enhance the focus and precision with which those payloads can be employed to optimize effectiveness.

### **Rapid field repair**

Frangible, replaceable front and rear wheel modules allow for rapid field repair of the Husky following IED strikes that would be catastrophic to other vehicles. This repair can be executed on-site, without the need for vehicle evaluation at an established maintenance facility, thus decreasing logistical burden and mission downtime, and reducing IED emplacers' reseeding opportunities.

## **ADAPTIVE PERIPHERALS**

### **Ground-Penetrating Radar**

Scans for subsurface anomalies to support explosive threat detection.



### **Interrogation Arm**

An articulating, extendable arm designed to enable standoff investigation and classification of suspected explosive threats.



### **360 Camera System**

Maintains operator situational awareness through a suite of static and pan/tilt/zoom (PTZ) cameras.



### **Rollover Detection and Warning System**

Alerts operators of hazardous route conditions.



### **Remote Weapon Station**

Self-defense system with enhanced optics for environments where operators cannot be exposed.



### **RPG Protection**

Lightweight, non-obstructive RPG defeat netting.



The most survivable  
vehicle on the  
battlefield

# PERIPHERALS

Custom payload integrations to execute a range of clearance tasks in high-risk environments.

## 3D GROUND PENETRATING RADAR (GPR)

The 3D-RADAR system provides reliable automatic detection of subsurface objects far underneath improvised and unimproved surfaces. 3D-RADAR leverages rugged commercial-off-the-shelf (COTS) technology components, including radar, as crucial building blocks of a modular, integrated system. This approach has allowed the system to continually evolve and improve at the rate of technological advances in the commercial marketplace. A sophisticated custom software solution provides automatic target detection (ATD) cues and allows the operator to visualize and interrogate 3-dimensional data in real-time.



PERIPHERALS

### SENSOR OPTIONS

The 3D-RADAR system provides an alternative detection solution for roadway and airfield inspection, tunnel detection, and route clearance patrols.

#### System attributes include:

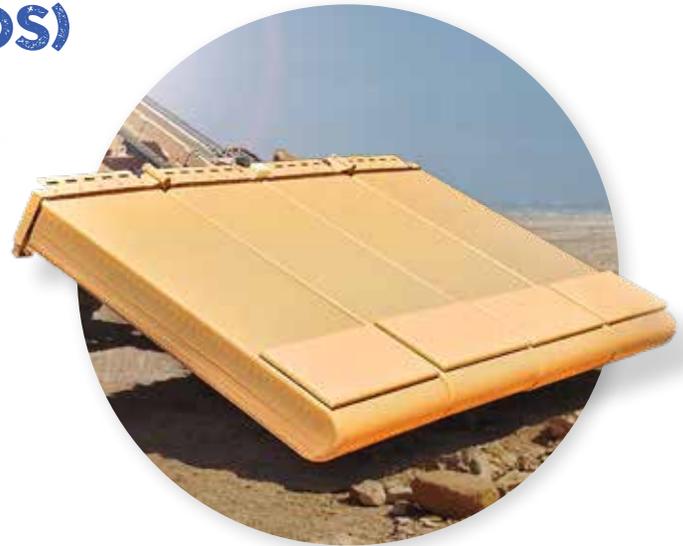
- Optimal combination of penetration and resolution.
- Superior interference suppression through narrow band receive filters.
- UWB Step Frequency GPR with Air-Coupled Antenna.
- Ultra wideband frequency range (200–3000 MHz).
- 0–15 kph rate of advance.
- Sensor operates at 0.1–1.0 m above ground height and 1–2.5 m forward offset.
- Operates in a wide temperature range (0°C–50°C Operating / –40°C–85°C Storage).
- Operates in conditions of sand, dust, and rain.
- Advanced post-processing software tools with georeferenced output.

The 3D-RADAR system is a complete subsurface anomaly detection system that utilizes a combination of COTS GPR components and custom software as the building blocks to achieve robust metallic and non-metallic object detection performance. The system is ready off the shelf to be fitted to a wide range of commercial and military vehicles, and can be customized for operation on almost any vehicle platform. The system utilizes a flexible and open software architecture that allows threat detection algorithms to be tailored to particular environments and threat sets. Operators may select from manual, assisted manual, and automatic detection modes. The detection architecture allows for the addition of secondary sensors.



# HUSKY MOUNTED DETECTION SYSTEM (HMDS)

The combat-proven combination of the Husky vehicle with the VISOR 2500 Ground Penetrating Radar (GPR) forms the HMDS. It provides unprecedented performance in the automatic detection, recognition, and precision marking of buried explosive hazards. Based on proven breakthrough GPR technology, HMDS combines advanced real-time ATR algorithms, optional integrated metallic and non-metallic threat detection, automatic precision marking, and user-friendly software, all in a ruggedized, supportable, and affordable package.



## KEY FEATURES

- Breakthrough probability of detection (Pd) and false alarm rate (FAR) performance
- Automated sensor height control
- Intuitive controls/touchscreen display
- Same GPR technology as future combat systems
- 3-D subsurface visualization
- Readily adaptable to other vehicles

## KEY BENEFITS

- High confidence countermine operations
- Maximized protection of operators
- Optimized performance on uneven terrain
- Rapid proficiency/ease of use
- Visualization of buried threats

## PHYSICAL

### Sensors

- Front-mounted CHEMRING VISOR 2500 Ground Penetrating Radar, with a four-panel 3.2-meter array
- Optional see-deep metal detector array – EMI coils 3-meter wide scan

### GPR and MD data processing

- Automatic target recognition algorithms

### Processing and control

- Duracor PC104 based computer
- Cab-mounted tablet display with GUI

### Navigation

- NGC LN-270 INS with GPS, SAASM anti-jamming module, and starfire DGPS module

### Marking system

- Front-mounted 4-jet marking bar
- Center body-mounted 12-jet marking bar

### GPR panel positioning system

- Hydraulically controlled deploy and retract modes with damage-resistant features

## PERFORMANCE

### Buried explosive hazard (BEH) detection system with a high probability of detection (Pd) and low false alarm rate (FAR)

- Metallic buried threat detection
- Non-metallic buried threat detection
- Real-time detection
- User selectable detection modes

### Graphical user interface

- Real-time GPR sensor imagery with 3-D visualization feature
- Detection controls
- Sensor positioning controls
  - Deploy, stow, skyshot calibration, and manual height
- System status monitors

### Target marking

- GPS coordinates
- Physical marking
  - Center body-mounted 12-jet spray array (14 cm resolution)
  - Front-mounted 4-jet (1 m resolution)

### Advance rates of up to 12 kph records mission data

- GPR imagery, MD data, target declarations, GPS

### Coordinates, confidence factors

- File management
- Stores 100 km of scanned data on a local drive.

### After action review

- Post analysis
- User comments (threat verified, neutralized, FA, other)

# VEHICLE MOUNTED INTERROGATION ARM

Vehicle mounted crane system designed to interrogate, confirm, and classify suspected explosive threats with a safe standoff.

## KEY FEATURES

The vehicle mounted interrogation arm is designed to enhance the physical investigation and classification of suspected explosive threats. It allows operators to inform others of threat remediation activities without dismounting protected vehicles and risking exposure. The arm enhances crew survivability and clearance mission efficiency by enabling rapid, safe deployment and manipulation of an articulating, non-invasive investigation tool from inside the safety of the vehicle crew compartment.

### Articulating claw

The proprietary grasping rake attachment enables operators to safely inspect and classify potential mines, UXOs, IEDs, and other suspected hazards.

### Enhanced optics

Thermal imaging integrated onto the crane extension enables users to search for explosive threats otherwise obscured from the route, behind barriers, inside culverts, and in other locations not viewable from the vehicle.

### Dual cameras

With the addition of a junction box and boom camera cable, operators can use two cameras in concert: one camera equipped with a spotlight mounted at the end of the boom and one wide-angle camera at the knuckle for a broad view of the interrogation area.

### Optional air/water digger

The air or water jet attachment further enhances non-disruptive interrogating in hard compacted soil. The water jet can penetrate the soil with compaction values

of over 20 tons per square foot, creating a trench 5 inches deep and 10 inches long. The air tool can remove debris to expose pressure-sensitive explosives.

### Instrument display

CANbus sensors create feedback for every crane function and visual indicators to inform operators of relative position, articulation angle, extended distance, lifting pressure, and weight at the boom tip. An auto-stow button smoothly returns the crane to its stow cradle regardless of orientation.

### Hydraulic Pump Unit (HPU) upgrades

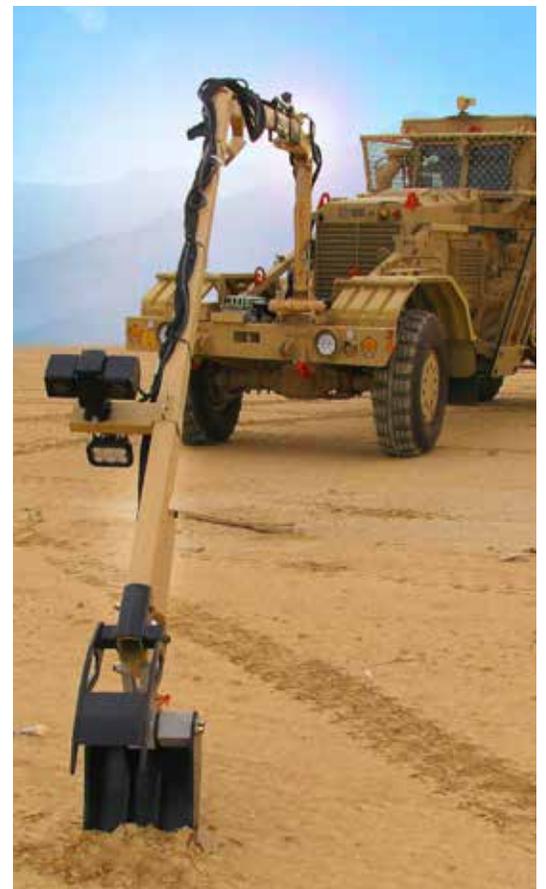
The HPU upgrade allows arm operation at higher flow, adding more runtime and enabling multiple crane functions to be activated simultaneously, reducing interrogation time.

### Integration

The easy-to-deploy interface system and vehicle-specific mounting kits provide integration options for a wide range of clearance vehicles.



INTERROGATION ARM	
Weight	638 lb (289.39 kg)
Voltage	12 V dc or 24 V dc
Pump Capacity	2 GPM (76 lpm)
Working Pressure	2600 psi (18 MP)
Tank Capacity	4 gal (15.2 l)
Base Crane Lifting Capacity	903 lb @ 8'10 (410 kg @ 2.7 m) 1135 lb @ 13'3 (515 kg @ 4 m)
Pan/Tilt Near IR and Thermal Capable Camera	Yes



# ROLLOVER DETECTION AND WARNING SYSTEM

The Rollover Detection and Warning System (RDWS) is a vehicle sensor that alerts the operator of impending dangerous vehicle rollover conditions based on terrain, operation, and vehicle limitations.

Its lightweight, rapidly deployable capability is designed to deliver immediate protection for command and control, communication, triage, or comfort in extreme conditions.

## KEY FEATURES

Weatherproof components and rugged construction ensure suitability for commercial and military vehicles.



### Proprietary IMU sensor package

A high accuracy inertial measurement unit (IMU) provides an exclusive "Roll Risk Estimate" so operators can adjust the vehicle's position to avoid dangerous situations.



### Multiple operator alert options

By combining an easy-to-read 3.5" color display and proportional audio alerts, the RDWS gives vehicle occupants all the data they need.



### Quick and easy installation

The system's simplicity, with only the display and IMU, keeps installation quick and easy, minimizing retrofit costs.



## ROLLOVER DETECTION

<b>Audible Alert Options</b>	External buzzer up to 110 db Output for intercom systems
<b>Visual Alert Options</b>	Standard TFT color display Low cost LED display
<b>Threat Calculation</b>	Accuracy for static and dynamic events Adjustable parameters for fine tuning
<b>Proprietary IMU Sensor</b>	Meets MIL-PRF 46676B (AR) test criteria
<b>Security</b>	UN0048; 1.1D
<b>Display and Settings</b>	J1939 CANbus for data output/input Onboard relay for controls • Emergency egress actuation • Options for additional inputs/outputs
<b>Display Dimensions</b>	5.5" L x 4.5" H x 2.0" D (140 x 114 x 51 mm)
<b>IMU Dimensions</b>	3.8" L x 3.8" H x 1.8" D (97 x 97 x 46 mm)
<b>Certified MIL-STD-810G</b>	<ul style="list-style-type: none"> <li>• Sand and dust</li> <li>• Moisture</li> <li>• Altitude</li> <li>• High and low temperature</li> <li>• Vibration</li> <li>• Shock</li> <li>• Height</li> </ul>

## KEY BENEFITS

- Multiple audible alert options
- Multiple visual alert options
- Unique threat calculation method
- Proprietary IMU sensor package
- Customizable operating modes
- User-specific displays and settings
- Compatible with other TREC-Drive products
- Custom display mounting options
- Versatile mounting system
- IMU sensor
- Information screen continuously updates current conditions



# 360 SA CAMERA SYSTEM

The AirBoss 360 SA (Situational Awareness) video camera is a system of integrated cameras that improves mission effectiveness and operating safety by providing vehicle operators with increased visibility and operational awareness around the vehicle.

## KEY FEATURES

### Four wide-angled cameras

Four fixed, wide-angle cameras offer overlapping visual coverage to the vehicle's front, sides, and rear. They can be adjusted to eliminate blind spots unique to different vehicle platforms.

### Single pan/tilt/zoom camera

A single pan/tilt/zoom (PTZ) camera provides supplemental visual coverage to enhance standoff search efforts or threat confirmation and classification.

### Monitor and PTZ controller

A monitor and PTZ controller inside the cabin provide a simple, adjustable user interface with the system of cameras, allowing the operator to switch between views and articulate the PTZ as needed.

## KEY BENEFITS

- Overlapping coverage for complete awareness of vehicle surroundings.
- Adjustable positioning for different vehicles and mission sets.
- Coverage of blind spots for safe operation in restricted areas.
- Side and forward cameras for supplemental driving views.
- PTZ camera with 36x optical zoom and multispectral enhancement options.



### 360 SA CAMERA SYSTEM SPECIFICATIONS

System Weight	42 lb
Operating Voltage	12-30 VDC
Normal Operating Power	60 W
Max Current	10 Amp
Operating Temperature	-40°C to +70°C
External Component Enclosure	IP67

### PTZ SPECIFICATIONS

Zoom Capability	36x (optical)
Focus	Auto & manual
Pan Speed	180°/second
Tilt Speed	120°/second
Pressurized Housing	Nitrogen
Heating Element	Internal, automatic

### DISPLAY SPECIFICATIONS

Resolution	800 x 480 pixels
Viewing Angle	70° (horiz), 60° (vert)
Brightness	600 cd/m2
Contrast Ratio	650:1
LED Life Time	30000 hours

### FIXED CAMERA SPECIFICATIONS

Horizontal Viewing Angle	102°
Vertical Viewing Angle	86°
Image Correction	Optically rectified
Pressurized Housing	Nitrogen
Heating Element	Internal, automatic

# SELF DEFENSE REMOTELY OPERATED WEAPON STATION (SDROWS)

The SDROWS is a remotely operated targeting platform used to safely employ a range of light weapon systems or directional payloads in environments where exposing operators is hazardous. The SDROWS allows operators to manipulate the turret and gauge various payloads using a simple Human Machine Interface (HMI). The portable HMI unit enables any vehicle occupant to operate the system.

## KEY BENEFITS

- Target observation without exposing operators.
- Greater accuracy than pintle-mounted systems.
- Steady “on-the-move” observation and targeting.
- Intuitive control interface.
- Accurate target confirmation/identification.
- Mobile control unit enables all vehicle occupants to operate the system without changing positions.
- Simple and fast installation and removal.
- Easy payload removal and interchangeability.

## APPLICATIONS

Due to the system’s lightweight and platform-agnostic design, the SDROWS is easily integrated on any vehicle tasked to operate where human exposure might be hazardous, but vehicle security is essential.

- Route clearance
- Demining operations
- Civil disruption control
- Hazardous site security
- Border patrol

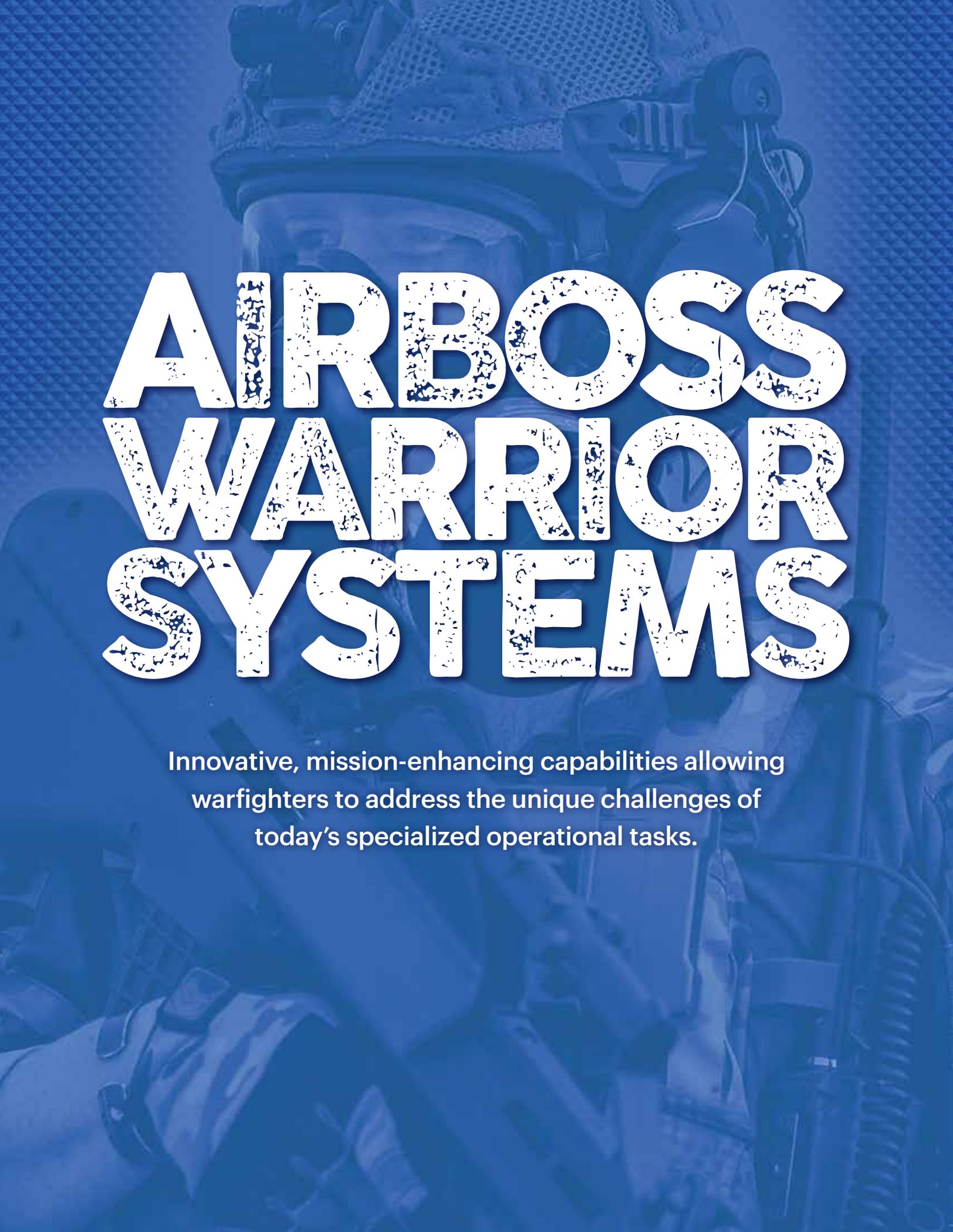


SDROWS	
Height	<600 mm
Weight	75 kg (depending on payload)
Width	<500 mm
Traverse	Optional 360°
Elevate Angle	-20° to 80°

PERIPHERALS







# AIRBOSS WARRIOR SYSTEMS

Innovative, mission-enhancing capabilities allowing  
warfighters to address the unique challenges of  
today's specialized operational tasks.

# SENSORS

A revolutionary advancement in blast monitoring and surveillance



## THE BLAST GAUGE® SYSTEM

The Blast Gauge® System is the best tool for understanding and mitigating the long-term effects of blast overpressure exposure. The set of three wearable overpressure sensors captures blast exposure in an easy-to-use and near-autonomous system.

### KEY BENEFITS

Research suggests that repetitive exposure to blast overpressure, even at low levels, can cause concussion-like symptoms and long-term neurodegenerative disease, including structural changes in the brain, increased PTSD, acceleration of age-associated neurological disorders, and persistent concussion symptoms. The blast gauge was built to protect soldiers from this difficult to detect threat.

#### Exposure tailored treatment

Data is transferred wirelessly to a mobile app or via USB to a PC for detailed event analysis.

#### Durable

The fully encapsulated design withstands weather and impact.

#### Automated

Blast overpressure and acceleration data are automatically collected and classified.

#### Reprogrammable

Load the latest algorithms at time of activation.

#### Small

Less than two cubic inches.

#### Flexible

Instantly mounts to helmets, gear, and vehicles.

#### Inexpensive

Quickly outfit deployed troops and personnel.

#### Secure

Operator privacy is protected.

#### Multipurpose

Route clearance, training, SOF, breaching, SWAT, and bomb squad.

### THE BLAST GAUGE® SYSTEM

Part Number	BB-1700K-01
NSN	6665-01-665-8243
<a href="#">See index for a complete listing of part numbers.</a>	
Long Lasting Battery	Single discharge battery lasts 3+ years in training or 1+ year in combat. <i>Lifetime based on estimated temperature profile of deployments in Afghanistan.</i>
Dimensions	1.75" L x 1.25" W x 1" H (44 x 32 x 25 mm)
Total System Weight	<5 oz (142 g)
Durability	MIL-STD-810G relevant elements certification
Export Classification	EAR-99 (not subject to ITAR)
Storage	500+ full waveform events or more than 6,000 summary data events
Security	Low-signature Interrogated Wireless™ bluetooth
Shelf Life	5 years (at room temperature)



## MULTIPLE APPLICATIONS

### Triage

Identify individuals exposed to dangerous levels of overpressure, allowing for targeted medical assessment.

### Tactics

Refine and reinforce the Tactics, Techniques, and Procedures (TTPs) based on individual and unit exposures.

### Trace

Correlate the exposure history of individuals to their emergent symptoms.

### Track

Enroll personnel in a longitudinal health surveillance program.

Captures overpressure data with the precision of laboratory-grade sensors.

### EASY TO USE MOBILE CONNECTIVITY

1. Quickly set up, activate, and assign gauges to an individual
2. Rapidly and easily check data in the field (Red, Yellow, Green LED indicator or on an Android™ device)
3. Inform post-exposure assessments
4. Periodically send data to a central repository
5. Review centralized data to identify trends, minimize exposures, and guide treatment

Management applications are available for both MS Windows and Android enabling both device configuration and analysis of captured data.



# ENERGETICS

Simple modular multipurpose  
lightweight clearing charge

## BANDOLIER®

The latest in explosive technology, the Bandolier® Lightweight Clearing Charge is a pre-packaged, modular, multipurpose explosive line charge. The Bandolier is fielded by multiple NATO countries and partners.



### KEY FEATURES



#### Lightweight

The Bandolier® is a lightweight and modular explosive system, employable across mobility, countermobility, and survivability mission profiles.



#### Scalable

Using a patented hinged tray and sleeve enclosure, the Bandolier® bridges the capability gap between large, complex, single-role charges and standard bulk demolitions.



#### Modular

The unique design is light enough for dismounted operations and flexible enough to meet larger-scale missions requirements.

### KEY BENEFITS

#### Lightweight

47% lighter than the equivalent explosive capability of C4.

#### Modular

Compact design enables load distribution amongst personnel.

#### Rapid

Rapid in-stride deployment through integrated, adjustable boosters.

#### Multipurpose

Application for use against a range of targets.

#### Versatile

Conforms to complex target geometries.

#### Scalable

Design enables mission-tailored application.

#### Efficient

Efficient consumption reduces explosive waste and excessive standoff.

#### Simple

Non-mechanical design, with no metallic fragmentation.

#### Interoperable

Works with all standard military spec initiation systems.

### BANDOLIER®

NSN	1375-17-126-7476 (System)
NSN	1375-17-128-2772 (Inert)
<a href="#">See index for a complete listing of part numbers.</a>	
Colors	Desert Tan or Olive Drab Green
Total Charge	One (1) 5' (1.5 m) charge Three (3) 10' (3 m) charges
Total Weight	15 lb (6.8 kg) total weight
Net Explosives Weight	1.75 lb (794 g) (5' module) 3.28 lb (1.49 kg) (10' module)
Testing	Meets MIL-PRF 46676B (AR) test criteria
Hazmat Classification	UN0048; 1.1D

### APPLICATIONS

- Steel cutting
- Timber cutting
- Wire and fence breaching
- Concrete/masonry breaching
- Path clearance
- Dynamic entry
- Cache reduction
- UXO/IED remediation
- Underwater demolition



# PRODUCT AND ACCESSORY PART NUMBER INDEX

When placing an order, please refer to the part number information in this index to ensure you receive the correct products.

## RESPIRATORY

### RESPIRATORS

Low Burden Mask (LBM).....	I-3
LBM Outsert Visors .....	I-3
LBM Optical Insert .....	I-3
LBM Accessories .....	I-4
C4 CBRN Gas Mask .....	I-4
Optical Insert .....	I-4
Accessories and Parts.....	I-4
CBRN PAPR NIOSH .....	I-5
CBRN Kit .....	I-5
Components & Accessories .....	I-5
C420 PAPR NIOSH Kit .....	I-6
C420 Configurations .....	I-6
Additional Configurations .....	I-6
Components & Accessories .....	I-6
FlexAir® PAPR System .....	I-8
Accessories and Parts.....	I-8
AirBoss 100® Half Mask .....	I-8
Accessories and Parts.....	I-8

### FILTRATION

CBRN CAP 1 Cartridge .....	I-9
M96 Cartridge .....	I-9
M96 CE Cartridge.....	I-9
FR-C2A1 Cartridge .....	I-9
Riot Control Canister .....	I-9
HE Filter .....	I-9

## WEARABLES

Molded Lightweight Overboot.....	I-10
AirBoss Molded Glove .....	I-10
Replacement Liners.....	I-10
Vapor Barrier Bunny Boot .....	I-11
Extreme Cold Weather Mukluk.....	I-11

## MOBILITY SYSTEMS

Contact ADG for part numbers

## WARRIOR SYSTEMS

### SENSORS

The Blast Gauge® System .....	I-12
-------------------------------	------

### ENERGETICS

Bandolier® Lightweight Clearing Charge.....	I-12
---	------

# RESPIRATORY PROTECTION

## RESPIRATORS

LOW BURDEN MASK (LBM)			PAGE 6
Part Number	Size	Description	
095110A01-S---A	Small	Low Burden Mask without sun visor	
095110A01-M---A	Medium	Low Burden Mask without sun visor	
095110A01-L---A	Large	Low Burden Mask without sun visor	
095110A01-XL--A	Extra Large	Low Burden Mask without sun visor	
095120A01-S---A	Small	LBM CE	
095120A01-M---A	Medium	LBM CE	
095120A01-L---A	Large	LBM CE	
095120A01-XL--A	Extra Large	LBM CE	
095150A01-S---A	Small	LBM NIOSH	
095150A01-M---A	Medium	LBM NIOSH	
095150A01-L---A	Large	LBM NIOSH	
095150A01-XL--A	Extra Large	LBM NIOSH	
LBM OUTSERT VISORS WITH LASER PROTECTION			
Part Number	Size	Description	
095505B01-SM--A	Small / Medium	Green visor with laser protection (G6-AB)	
095505B01-LXL-A	Large / Extra Large	Green visor with laser protection (G6-AB)	
095506A01-SM--A	Small / Medium	Orange visor with laser protection (FT-AB)	
095506A01-LXL-A	Large / Extra Large	Orange visor with laser protection (FT-AB)	
095509A01-SM--A	Small / Medium	Brown visor with laser protection (GI-AB)	
095509A01-LXL-A	Large / Extra Large	Brown visor with laser protection (GI-AB)	
LBM OUTSERT VISORS WITHOUT LASER PROTECTION			
Part Number	Size	Description	
095510A01-SM--A	Small / Medium	Smoke visor with sun protection	
095510A01-LXL-A	Large / Extra Large	Smoke visor with sun protection	
095502D01-SM--A	Small / Medium	Dark smoke visor with sun protection	
095502D01-LXL-A	Large / Extra Large	Dark smoke visor with sun protection	
095507D01-SM--A	Small / Medium	Clear visor with scratch protection	
095507D01-LXL-A	Large / Extra Large	Clear visor with scratch protection	
095501-SM--A	Small / Medium	Yellow visor with improved contrast/blue blocker	
095501-LXL-A	Large / Extra Large	Yellow visor with improved contrast/blue blocker	
LBM OPTICAL INSERT			
Part Number	Description		
095540D01	An optional prescription (Rx) carrier that can be fitted with single-vision prescription lenses provided by your eye care specialist. The Rx Carrier clips discreetly inside your AirBoss Low Burden Mask		

**LBM ACCESSORIES**

Part Number	Description
088071	C4/PC4/LBM grey inlet
088921	1 quart canteen and M1 cap
088961D01	C4/PC4/LBM mask carrier
095520D01	LBM sizing tool
095530D01	LBM voice amplifier ensemble (original exhalation system)
095530D02	LBM voice amplifier ensemble (new exhalation system)
095531	LBM VPU outlet valve cover (original exhalation system)
095532A01	LBM VPU outlet valve cover (new exhalation system)
095906	LBM mouthpiece
095907	LBM/C4 CE outlet valve

**C4 CBRN GAS MASK**

PAGE 8

Part Number	NSN	Size	Description
088011C01-XS--A	4240-21-906-0839	Extra Small	Black
088011C01-S---A	4240-21-906-0838	Small	Black
088011C01-M---A	4240-21-906-0837	Medium	Black
088011C01-L---A	4240-21-906-0836	Large	Black

**C4/PC4/C4 CE OPTICAL INSERT**

Part Number	Description
088551C08	A prescription (Rx) carrier that can be fitted with single-vision prescription lenses provided by your eye care specialist. The Rx Carrier then clips discreetly inside your AirBoss C4 / PC4 / C4 CE Mask

**C4/PC4/C4 CE ACCESSORIES AND PARTS**

Part Number	Description
087881	C4/PC4 conversion tool
088071	C4/PC4/LBM grey inlet
088081	4/PC4 plug nose-cup
088141	C4/PC4 mouthpiece
088191A01	C4/PC4 blue inlet valve
088311A01	C4/PC4 black outlet valve (Not CE)
088331	C4/PC4 lenses (left)
088341	C4/PC4 lenses (right)
088701	C4/PC4 voice amplifier
088711	C4 retaining ring black
088771	C4/PC4 sizing tool
088831C05	Mask maintenance
088961D01	C4/PC4/LBM mask carrier

CBRN PAPR NIOSH - C420/PROMASK 2000/CAP 1 - KIT

*"Included in each kit: 1x C420 PAPR, 2x Cap 1 filters, 1x 30in Breathing hose, 1x Decon Belt 70"', 1x Primary (LiSO) and 1x Rechangable (NiMH) battery with Charger and Cap 1  
\*ProMask can be configured with or without hydration (on the left or right side). Available in small or medium."*

Part Number	Description
CBRN1-HRS-30-B	CBRN Kit - C420, Cap 1 Filters & Small Promask 2000 w/ Hydration on right side
CBRN1-HLS-30-B	CBRN Kit - C420, Cap 1 Filters & Small Promask 2000 w/ Hydration on Leftside
CBRN1-HRM-30-B	CBRN Kit - C420, Cap 1 Filters & Medium Promask 2000 w/ Hydration on right side
CBRN1-HLM-30-B	CBRN Kit - C420, Cap 1 Filters & Medium Promask 2000 w/ Hydration on Leftside
CBRN1-NRS-30-B	CBRN Kit - C420, Cap 1 Filters & Small Promask 2000 w/ Filter Cap on right side
CBRN1-NLS-30-B	CBRN Kit - C420, Cap 1 Filters & Small Promask 2000 w/ Filter Cap on left side
CBRN1-NRM-30-B	CBRN Kit - C420, Cap 1 Filters & Medium Promask 2000 w/ Filter Cap on right side
CBRN1-NLM-30-B	CBRN Kit - C420, Cap 1 Filters & Medium Promask 2000 w/ Filter Cap on left side

CBRN PAPR NIOSH - C420/PROMASK2000/CAP 1 - NIOSH COMPONENTS & ACCESSORIES

Part Number	Item	Description
CBRN-60214-001	CBRN C420 Blower	CBRN C420 single speed blower
CBRN-20020-001	CBRN LiSO2 Battery	LiSO2, NON-rechargeable battery
CBRN-20036-001	CBRN NiMH Recharge Battery	NiMH rechargeable battery with GRN end cap
CBRN-20040-001	CBRN Rapid Battery Charger	Universal rapid battery charger with 2 NiMH batteries
CBRN-20090-001	CBRN Rapid Battery Charger	Rapid battery charger - 120v/230v
CBRN-30020-001	CBRN Airflow Indicator	Airflow indicator
CBRN-30019-001	CBRN Webbing Belt	60"webbing belt assembly
CBRN-30021-001	CBRN Decon Belt	70" decon belt assembly
CBRN-30060-001	CBRN Battery Cap	Rechargeable battery cap assembly, CBRN
CBRN-30116-001	CBRN Breathing Tube	Breathing tube assembly with 90° swivel, 30"L, CBRN
CBRN-30118-001	CBRN Breathing Tube	Breathing tube assembly with 90° swivel, 36"L, CBRN
CBRN-40088-HRS	CBRN Small Promask 2000 w/ Hydration on right side	
CBRN-40088-HLS	CBRN Small Promask 2000 w/ Hydration on Leftside	
CBRN-40088-HRM	CBRN Medium Promask 2000 w/ Hydration on right side	
CBRN-40088-HLM	CBRN Medium Promask 2000 w/ Hydration on Leftside	
CBRN-40088-NRS	CBRN Small Promask 2000 w/ Filter cap on right side	
CBRN-40088-NLS	CBRN Small Promask 2000 w/Filter cap on Leftside	
CBRN-40088-NRM	CBRN Medium Promask 2000 w/ Filter cap on right side	
CBRN-40088-NLM	CBRN Medium Promask 2000 w/ Filter cap on Leftside	
CBRN-45245-001	CBRN Valve Seat and Valve Disc	Replacement valve seat and disc set, Promask 2000
CBRN-70018-001	Snap Caps (Set of 2)	Plastic cover slides on filter opening to keep water out. Compatible with the CAPI, M96, and M96 CE filters.
CBRN-70027-001	CBRN CAP 1 Filter Cartridge	
CBRN-70027-020	CBRN CAP 1 Filter Cartridge - Case of 20	
CBRN-70027-480	CBRN CAP 1 Filter Cartridge - Pallet of 480	

## C420 PAPR NIOSH KIT

PAGE 9

Part Number	Description	Detail
N-60198-001	C420 PAPR Kit With Hydration (NIOSH approved w/ M96 and FR-C2A1 filters)	1 C420 single speed toggle (NIOSH approved), 1 LiSO2 battery (BA-5800), 1 hydration valve kit – Promask 2000, 1 universal rapid charger with 2 NiMH rechargeable batteries with 1 green battery cap, 1 airflow indicator, 1 belt assembly – 60" L x 2" W, 1 breathing tube assembly with 90° swivel, 2 M96 Cartridge (foiled sealed), 1 pouch – gas mask and filter canister, 2 snap caps, 1 Thermobak/omega with 3L CBR 4.0 reservoir. and HydroLink adaptor – black, 1 Promask 2000, med/lrg with natural rubber head harness, 1 molded carrying case – 19" x 14" x 7-1/8"
N-60199-001	C420 PAPR Kit Without Hydration (NIOSH approved w/ M96 and FR-C2A1 filters)	1 C420 single speed toggle (NIOSH approved), 1 LiSO2 battery (BA-5800), 1 universal rapid charger with 2 NiMH rechargeable batteries with 1 green battery cap, 1 airflow indicator, 1 belt assembly – 60" L x 2" W, 1 breathing tube assembly with 90° Swivel, 2 M96 Cartridge (foiled sealed), 1 Promask 2000 reg. (med/lg) with NR (natural rubber) head harness, 1 molded carrying case – 19" x 14" x 7-1/8"

\*Default Size Mask Medium, Small Mask is available to replace in kit upon request.

## C420 CONFIGURATIONS

PAGE 9

## NIOSH - C420 CONFIGURATIONS APPROVED W/ M96 AND FR-C2A1 FILTERS

Part Number	Description	Detail
M-60031-001	Blower, C420 single speed toggle	approved w/ M96 and FR-C2A1 filters
M-60067-001	C420 Single Speed Blower Assembly, w/Remote Cable Connection	approved w/ M96 and FR-C2A1 filters

## ADDITIONAL C420 CONFIGURATIONS

Part Number	Description
M-60038-001	C420 3-speed blower with remote cable connection and remote cable assembly
M-60141-001	C420 Single speed PAPR with low flow and battery alarms

## STANDARD C420 PAPR COMPONENTS &amp; ACCESSORIES

Part Number	Item	Description
C-30203-001	Butyl - Breathing Tube - 36"	
C-30205-001	Butyl - Breathing Tube - 30"	
C-30206-001	Premium Hose Wrap, 30"	
C-30207-001	Premium Hose Wrap, 36"	
M-40047-001	Promask 2000, small with natural rubber head harness	LiSO2, NON-rechargeable battery
M-40082-001	Promask 2000, med-lrg, with natural rubber head harness	NiMH rechargeable battery with GRN end cap
M-45189-001	Promask 2000 Spectacle Frame Kit	Universal rapid battery charger with 2 NiMH batteries
M-45124-001	Hydration valve kit, for Promask 2000	Rapid battery charger – 100v/240v
M-45176-001	Hydration drink tube, Promask 2000	Airflow indicator
M-45182-001	CamelBak Big Bite Valve with HydroLink adaptor and cover	70" decon belt assembly
M-45311-MC	MPHS Hydration System	
M-20020-001	LiSO2 battery (BA-5800)	
M-20020-008	Battery-Li-SO2 (BA-5800A/U), Pack of 8	
M-20036-001	C420 NiMH recharge battery NOTE: If the customer is looking for the green cap, the PN is S-20036-001	
S-20036-001	NiHM C420 rechargeable battery with green cap	

S-20036-002	NiHM Battery - Rechargeable, C420 w/Cap (Pack of 2)	
S-20040-001	Charger and 2 NiMH Batteries w/Cap	Universal rapid battery charger with 2 NiMH rechargeable batteries, with 1 green battery cap
S-20090-001	Charger (US)	Rapid battery charger - 120v/230v US plug
S-20090-002	Charger (EU)	Rapid battery charger - 120v/230v EU plug
S-20090-003	Charger (UK)	Rapid battery charger - 120v/230v UK plug
S-20090-004	Charger (AU)	Rapid battery charger - 230v/240v AU plug
S-20092-001	Power Adapter	DC power adapter for C420
M-60039-001	C420 remote cable assembly 38"	Only remote cable - Works with M-60067-001, M-60036-001 & M-60038-001
M-30185-001	C420 leak test kit	
M-45212-BLK	C420 black blower pouch, Velcro	
M-45213-BLK	C420 BLK blower pouch, snap belt attach	
S-10079-001	Molded carrying case - 19" x 14" x 7-1/8"	
S-30013-001	Breathing Tube Assembly, 90 Degree Swivel	
S-30067-001	Breathing Tube Assembly, 75 Degree Swivel	
S-30116-001	Breathing Tube Assembly, 30" Lg., Responder PAPP	
S-30118-001	Breathing Tube Assembly, 36" Lg., Responder PAPP	
S-30020-001	Airflow Indicator	Airflow indicator, used with tight fit face piece
S-70018-001	Snap Caps (Set of 2)	Plastic cover slides on filter opening to keep water out. Compatible with the CAPI, M96, and M96 CE filters.
M-70004-001	Filter Shower Cap (Splash Guard)	Rubber cover to keep water from entering the filter. Compatible with the FR-C2A1 filter.

#### C420 REPLACEMENT PARTS

Part Number	Item	Description
M-30029-001	Battery Cap Assembly - Black Primary	Battery cap assembly, standard, black
M-30060-001	Battery Cap Assembly - Green Rechargeable	Battery cap assembly, recharge battery, GRN
M-45180-BLK	CBRX Reservoir and HydroLink	Thermobak 3L with CBRX reservoir and HydroLink, black
M-60026-002	Gasket (C420 and FlexAir blower filter)	Blower filter gasket, set of 2
S-10017-025	Plug Cap	Green plug cap - pack of 25
S-10022-001	Breathing Tube Assembly Gasket	Breathing tube assembly gasket
S-45115-001	RD 40 Filter Plug	Blanking plug - black
S-45046-001	Promask 2000 Valve Seat Set	Valve seat set, Promask 2000; inhalation valve seat and valve seat of nose cup
S-45047-001	Promask 2000 Valve Disc Set	Valve disc set, Promask 2000; inhalation valve disk and valve disk nose cup
S-45048-001	Promask 2000 Inner Mask	Inner mask with fast ring for the Promask 2000
S-45052-001	Promask 2000 Replacement Visor	Replacement visor for the Promask 2000
M-45112-001	Promask 2000 Head Harness	EPDM head harness - Promask 2000
M-45179-001	Promask 2000 S Adapter	S adapter, Promask 2000, CBRX

## FLEXAIR® PAPR SYSTEM

PAGE 10

Part Number	Description	Details
N-60180-001	Blower Kit ONLY	1 Airflow indicator, 1 belt assembly – 60" L x 2" W
N-60202-WHT	System with Visor	1 Charger with barrel plug – Li-Ion battery, 1 belt assembly – 60" L x 2" W, 1 airflow indicator, 1 breathing tube assembly – loose fitting head cover – white, 1 loose fitting visor with drawstring – Tychem QC – white, 2 HE2 filters, 1 user instruction – loose fitting visor with drawstring, 1 user instruction
N-60207-WHT	System with Chemical Hood	1 Charger with barrel plug – Li-Ion battery, 1 belt assembly decon – 70" L x 2" W, 1 airflow indicator, 1 breathing tube assembly – loose fitting head cover – white, 1 breathing tube cover – Tychem SL, 1 loose fitting hood with cape – Tychem SL, 3 M96 Cartridge (foiled sealed), 1 user instruction – loose fitting hood with cape, 1 user instruction
N-60244-WHT	System with Hood	1 Charger with barrel plug – Li-Ion battery, 1 belt assembly – 60" L x 2" W, 1 airflow indicator, 1 breathing tube assembly – loose fitting head cover – white, 1 loose fitting hood with cape – Tychem QC – white, 2 HE2 filters, 1 user instruction – loose fitting hood with cape Tychem QC, 1 user instruction

## FLEXAIR® PAPR ACCESSORIES

Part Number	Description
M-60176-WHT	FlexAir blower – white
S-20106-001	Battery charger, B.P., Li-Ion battery, US
S-20106-002	Battery charger, plug type C, EU, Li-Ion battery
S-20106-003	Battery charger, plug type G, UK Li-Ion battery
S-20106-004	Battery charger, plug type I, AU Li-Ion battery
S-30019-001	Belt assembly – 60" L x 2" W
S-30021-001	Belt assembly – DECON – 70" L x 2" W
S-30111-001	Breathing tube assembly, used with loose fit head cover, black
S-30112-001	Airflow indicator, used with loose fit cover
S-30116-001	Breathing tube assembly – responder PAPR 30"
S-30118-001	Breathing tube assembly – responder PAPR 36"
S-30128-001	Breathing tube assembly, used with loose fit head cover, white
S-40078-W01	Loose-fit visor, with drawstring, Tychem QC, white
S-40084-W01	Loose-fit hood, cape, Tychem QC, white
S-40085-001	Loose-fitting hood with cape, Tychem SL, white
S-45177-001	Breathing tube cover – Tychem SL

## AIRBOSS 100® HALF MASK RESPIRATOR

PAGE 11

Part Number	Description	Details
41000	Small / Medium Kit	Includes mask, filter, and head harness
41007	Large / Extra Large Kit	Includes mask, filter, and head harness
AIRBOSS 100 HALF MASK RESPIRATOR ACCESSORIES AND REPLACEMENT PARTS		
41002	Filter Pack	Includes 5 N100 filters
41003	Visor Pack	Includes 10 visors and 2 pairs of visor clips
41004	Visor Clips	Includes 2 pairs of clips
41006	Head Harness	Includes 1 harness

# FILTRATION

CBRN CAP 1 CARTRIDGE		PAGE 12
Part Number	Quantity	
CBRN-70027-001	1 unit	
CBRN-70027-020	20 per case	
CBRN-70027-480	480 per pallet	

FR-C2A1 CARTRIDGE		PAGE 13
Part Number	Quantity	
S-70019-F01	1 unit	
S-70019-F20	20 per case	
S-70019-F480	480 per pallet	

M96 CARTRIDGE		PAGE 12
Part Number	NSN	Quantity
S-70020-F01	4240-01-574-9568	1 unit
S-70020-F20		20 per case
S-70020-F480		480 per pallet

RIOT CONTROL CANISTER		PAGE 14
Part Number	Quantity	
S-70060-001	1 unit	

M96 CE CARTRIDGE		PAGE 13
Part Number	Part Number (Canada)	Quantity
S-70033-001	088881	1 unit

HE FILTER		PAGE 14
Part Number	Quantity	
S-70013-001	1 unit	
S-70013-020	20 per case	
S-70013-480	480 per pallet	

# WEARABLES

WEARABLES

MOLDED LIGHTWEIGHT OVERBOOT (MALO)			PAGE 18
Part Number	NSN	Size	
230561A01-S---A	8430-20-007-7781	Small	
230561A01-M---A	8430-20-007-7783	Medium	
230561A01-L---A	8430-20-007-7782	Large	
230561A01-XL--A	8430-20-007-7784	Extra Large	
230561A01-XXL-A	8430-20-007-7785	Extra Extra Large	

AIRBOSS MOLDED GLOVE (AMG)				PAGE 19
Part Number	NSN	Size	Description	
089631A01-S---A	8415-21-921-2165	Small	With CoolMax liner	
089631A01-MN--A	8415-21-921-2166	Medium Narrow	With CoolMax liner	
089631A01-M---A	8415-21-921-2167	Medium	With CoolMax liner	
089631A01-LN--A	8415-21-921-2169	Large Narrow	With CoolMax liner	
089631A01-L---A	8415-21-921-2170	Large	With CoolMax liner	
089631A01-XLN-A	8415-21-921-2171	Extra Large Narrow	With CoolMax liner	
089631A01-XL--A	8415-21-921-2172	Extra Large	With CoolMax liner	
		Small	With Touchscreen CoolMax Liner	
		Medium Narrow	With Touchscreen CoolMax liner	
		Medium	With Touchscreen CoolMax liner	
		Large Narrow	With Touchscreen CoolMax liner	
		Large	With Touchscreen CoolMax liner	
		Extra Large Narrow	With Touchscreen CoolMax liner	
		Extra Large	With Touchscreen CoolMax liner	
089641A01-S---A		Small	Without CoolMax liner	
089641A01-MN--A		Medium Narrow	Without CoolMax liner	
089641A01-M---A		Medium	Without CoolMax liner	
089641A01-LN--A		Large Narrow	Without CoolMax liner	
089641A01-L---A		Large	Without CoolMax liner	
089641A01-XLN-A		Extra Large Narrow	Without CoolMax liner	
089641A01-XL--A		Extra Large	Without CoolMax liner	
REPLACEMENT LINERS				
089010G01-S---A	8415-21-921-2543	Small	CoolMax liner	
089010G01-M---A	8415-21-921-2544	Medium	CoolMax liner	
089010G01-L---A	8451-21-921-2546	Large	CoolMax liner	

VAPOR BARRIER BUNNY BOOT			PAGE 20		
Part Number	NSN	Size	Part Number	NSN	Size
530201U03-03-RA	8430-01-630-7770	3 Regular	530201U03-09-WA	8430-01-630-8232	9 W
530201U03-04-RA	8430-01-630-7781	4 R	530201U03-10-WA	8430-01-630-8552	10 W
530201U03-05-RA	8430-01-630-7796	5 R	530201U03-11-WA	8430-01-630-8562	11 W
530201U03-06-RA	8430-01-630-8022	6 R	530201U03-12-WA	8430-01-630-8569	12 W
530201U03-07-RA	8430-01-630-8035	7 R	530201U03-13-WA	8430-01-630-8576	13 W
530201U03-08-RA	8430-01-630-8093	8 R	530201U03-14-WA	8430-01-630-8581	14 W
530201U03-09-RA	8430-01-630-8230	9 R	530201U03-03-NA	8430-01-630-7763	3 N
530201U03-10-RA	8430-01-630-8550	10 R	530201U03-04-NA	8430-01-630-7779	4 N
530201U03-11-RA	8430-01-630-8557	11 R	530201U03-05-NA	8430-01-630-7792	5 N
530201U03-12-RA	8430-01-630-8566	12 R	530201U03-06-NA	8430-01-630-7808	6 N
530201U03-13-RA	8430-01-630-8575	13 R	530201U03-07-NA	8430-01-630-8029	7 N
530201U03-14-RA	8430-01-630-8580	14 R	530201U03-08-NA	8430-01-630-8039	8 N
530201U03-03-WA	8430-01-630-7773	3 Wide	530201U03-09-NA	8430-01-630-8098	9 N
530201U03-04-WA	8430-01-630-7789	4 W	530201U03-10-NA	8430-01-630-8518	10 N
530201U03-05-WA	8430-01-630-7807	5 W	530201U03-11-NA	8430-01-630-8555	11 N
530201U03-06-WA	8430-01-630-8026	6 W	530201U03-12-NA	8430-01-630-8565	12 N
530201U03-07-WA	8430-01-630-8038	7 W	530201U03-13-NA	8430-01-630-8572	13 N
530201U03-08-WA	8430-01-630-8096	8 W	530201U03-14-NA	8430-01-630-8578	14 N

WEARABLES

EXTREME COLD WEATHER MUKLUK		PAGE 21	
Part Number	Size	Part Number	Size
550951U03R05--A	5	550951U03R10--A	10
550951U03R06--A	6	550951U03R11--A	11
550951U03R07--A	7	550951U03R12--A	12
550951U03R08--A	8	550951U03R13--A	13
550951U03R09--A	9		

# MOBILITY SYSTEMS

Contact ADG for part numbers

# WARRIOR SYSTEMS

## THE BLAST GAUGE® SYSTEM

PAGE 34

Part Number	NSN	Description
BB-1700K-01*	6665-01-665-8243	Blast Gauge System Set (includes three gauges)
BB-1700A-01		Single Blast Gauge System (includes one gauge)

\* Formerly part # G701

## ENERGETICS

## BANDOLIER® LIGHTWEIGHT CLEARING CHARGE

PAGE 36

Part Number	NSN	Description
500-0307-B		Bandolier Lightweight Clearing Charge, NATO Config B, Olive Drab Green
500-0307-D	1375-17-126-7476	Bandolier Lightweight Clearing Charge, Config D, Desert Tan
500-0307-E		Bandolier Lightweight Clearing Charge, NATO Config D, Olive Drab Green
500-0307-C	1375-17-128-2772	INERT Bandolier System, Bronze

# ADG

AIRBOSS DEFENSE GROUP



## Main Office

---

2550 Auburn Court  
Auburn Hills, MI 48326

info@adg.com  
www.adg.com

---

970 Rue Landry  
Acton Vale, QC J0H 1A0

3559 Winton Place, Suite 2  
Rochester, NY 14623

3015 Dunes West Blvd, Suite 509  
Mount Pleasant, SC 29466