



ESS Eye Safety Systems

www.esseyepro.com





**BUILT FOR BATTLE. TOUGH FOR LIFE.™**



**ESS EYE PRO IS BATTLEFIELD PROVEN.**

Military personnel worldwide rely on ESS. Their brave deeds feed our passion for combining performance, style, and safety throughout our line of advanced eyewear. ESS Eye Pro exceeds the most stringent military testing standards and is the only brand of eye protection issued to all branches of the U.S. Department of Defense.

Trust ESS for battle-proven toughness and innovations born from unyielding research in military eye protection. Our strong warranty, unique **Lens Contingency Program™**, and stand-alone replacement parts are all built-in assurances that your eye pro can withstand your demanding lifestyle. ESS helps keep you on target and your eyes protected.

**DAMAGED YOUR ESS LENSES? NO PROBLEM.**

With the **ESS Lens Contingency Program™**, there's a one-time remedy for the scratched-lens blues: for every pair of lenses that you buy, you can get 50% off the retail price of a new set of lenses. Simply replace your damaged goods with a like-kind lens and put your eye pro back into action. If you're hard on your gear, the Lens Contingency Program™ is like a new lease on sunglass life.

- 1-2 **ESS BALLISTIC TESTING • ANSI & MIL SPEC STANDARDS**
- 3-4 **ESS OPTICAL STANDARDS HIGHLIGHTED • ESS VLT LENS CHART**
- 5-6 **CROWBAR™ SUNGLASSES**
- 7-8 **ROLLBAR™ SUNGLASSES**
- 9-10 **CDI™ SUNGLASSES**
- 11-12 **CDI MAX™ SUNGLASSES**
- 13-14 **5B™ SUNGLASSES**
- 15-16 **CREDENCE™ SUNGLASSES**
- 17-18 **CROSSBLADE™ EYESHIELDS**
- 19-20 **CROSSBLADE™ NARO EYESHIELDS**
- 21-22 **CROSSBOW® EYESHIELDS**
- 23-24 **SUPPRESSOR™ EYESHIELDS**
- 25-26 **CROSSHAIR™ EYESHIELDS**
- 27-28 **CROSSBOW AF™ EYESHIELDS**
- 29-30 **ICE™ & ICE NARO™ EYESHIELDS**
- 31-32 **JUMPMASTER™ GOGGLES**
- 33-34 **INFLUX™ GOGGLES**
- 35-36 **PIVOT™ SERIES GOGGLES**
- 37-38 **PROFILE NVG™ GOGGLES**
- 39-40 **STRIKER™ SERIES GOGGLES**
- 41-42 **STRUCTURAL FIRE GOGGLES**
- 43-44 **WILDLAND FIRE GOGGLES**
- 45-46 **PRESCRIPTION EYEWEAR SOLUTIONS**
- 47-50 **ESS APEL PRODUCTS • U.S. & INTERNATIONAL NATO NSN'S**
- 51-52 **TESTIMONIAL • ESS GIVES BACK**

Photo courtesy U.S. DoD.



Photo courtesy U.S. DoD.

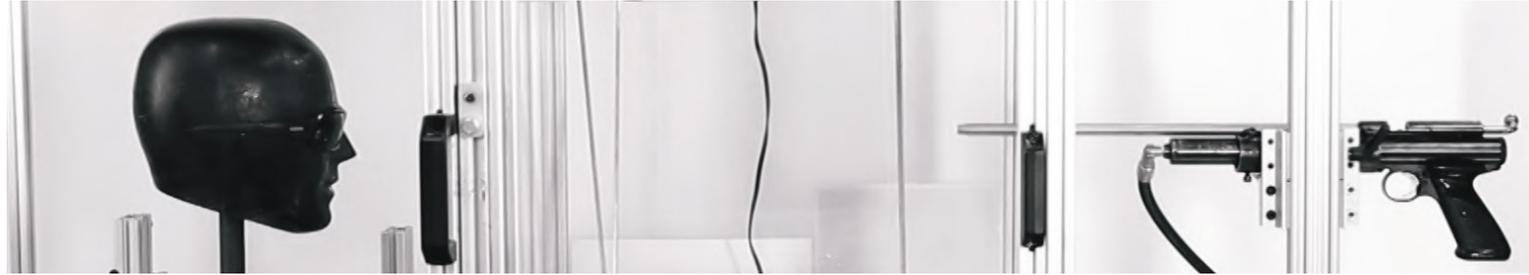
SUNGLASSES

EYESHIELDS

MILITARY GOGGLES

FIRE GOGGLES

# IMPACT SPECIFICATIONS



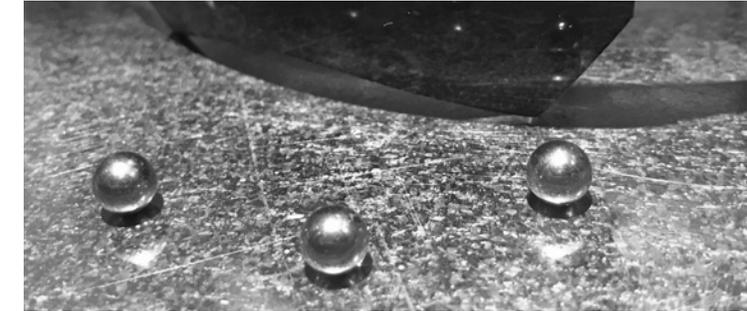
## HIGH VELOCITY IMPACT

ESS protective eyewear surpasses the test for high-velocity impact protection as defined by the American National Standards Institute (ANSI). Per ANSI Z87.1, a quarter-inch steel ball is shot from three different heights, and at seven different angles. To pass the high-velocity test, no contact between the lens and eye is permitted during impact. In addition, no frame parts or lens fragments may be ejected during impact.

## HIGH MASS IMPACT

ESS protective eyewear also surpasses the protection requirements for high-mass impact. Within ANSI Z87.1, the high-mass impact test requires that the lens be hit by a 500-gram metal spike (over a pound of weight) dropped from a height of 51.2 inches (over four feet). To pass the test, no frame parts or lens fragments may be ejected during impact.

## ANSI Z87.1 HIGH VELOCITY IMPACT TESTING



### Spectacle - Minimum Velocity

.25 in diameter steel ball 150 Ft/sec

### Goggle - Minimum Velocity

.25 in diameter steel ball 250 Ft/sec

## U.S. MIL SPEC MIL-PRF-32432A STANDARDS

CHISEL TIP PROJECTILES USED IN MIL SPEC TESTING.



### SPECTACLES STANDARD

.15 caliber (at 700-725 ft/sec)

### GOGGLES STANDARD

.22 caliber (at 580-590 ft/sec)

## U.S. MIL SPEC MIL-PRF-32432A

ESS protective eyewear surpasses the safety and ballistic testing standards found in MIL-PRF-32432A. The U.S. military standard requires that ballistic eyewear must be able to withstand up to:  
 .15 caliber at 700-725 ft/sec for spectacles  
 .22 caliber at 580-590 ft/sec for goggles.

WHAT HAPPENS TO ANSI-RATED EYE PRO WHEN IT IS TESTED TO THE MIL-SPEC STANDARD?

THE US MILITARY STANDARD IS OVER **6** TIMES THE KINETIC ENERGY LEVEL OF ANSI Z87.1 TESTING STANDARD. ESS EYE PRO EXCEEDS U.S. MILITARY STANDARDS.



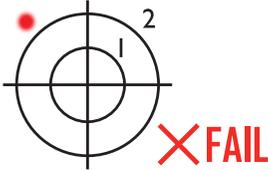
# ESS OPTICAL CLARITY

## ESS SURPASSES ANSI STANDARDS FOR OPTICS

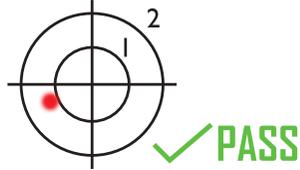
### PRISMATIC POWER ANSI Z87.1 OPTICS TEST #9.5

Prismatic Power is the measurement of how much light bends through a lens. The effect of excessive prism is that objects viewed through a lens aren't actually where they appear to be. The test also measures the prism imbalance in the left and right sides of the lens, which causes the eyes to fatigue as they work to overcome the artificial "double vision" induced by an unbalanced lens.

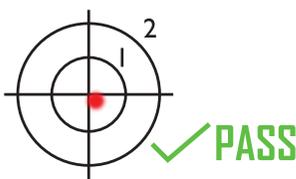
#### NON-COMPLIANT OPTICS



#### ANSI Z87.1 STANDARD



#### ESS STANDARD

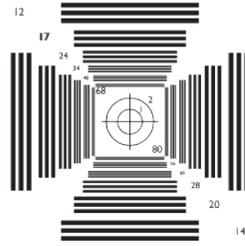


A laser fixture is set up 30 feet from the NBS target and is fired through each lens at the target. The better the optics, the less bending of the laser beam is observed; a lens without induced prism will allow the laser's path to continue directly at the center of the NBS target. Bear in mind when viewing the amount of prism that the effects of the distortion are more significant at distances greater than 30 feet.

### REFRACTIVE POWER ANSI Z87.1 OPTICS TEST #9.4

Lens refraction is a measure of what many people refer to as distortion or blurriness. The ANSI Z87.1 Refractive Power test requirements allow for a moderate amount of refraction in a safety lens. The lines in the NBS Definition Pattern are used to measure this lens characteristic.

#### NBS DEFINITION PATTERN



#### NON-COMPLIANT OPTICS



ESS lenses are held to a higher level of performance than the ANSI Z87.1 minimum refractive power standard, which is why objects look clearer through ESS lenses.

#### ANSI Z87.1 STANDARD



#### ESS STANDARD



# LENS CHART

## (VLT) - VISIBLE LIGHT TRANSMITTANCE

Visible Light Transmittance (VLT) represents the percentage of light that passes through a lens. For example, a lens with a VLT of 23 admits 23% of visible (non-UV) light, filtering out the remaining 77%. The lower the VLT, the darker the lens. Regardless of VLT, all ESS lenses provide 100% UVA/UVB protection.



#### CLEAR VLT: 90

For use indoors or at night. Has no influence on contrast or color.



#### PHOTOCHROMIC VLT: 86-24

Lens with Light Adapting Technology for all light conditions - Lens goes from dark gray to clear



#### HI-DEF YELLOW VLT: 85

For flat to very low light. A high-contrast lens that helps bring out definition.



#### HI-DEF BRONZE VLT: 62

For flat to low light. Filters blue light to boost contrast & enhance depth perception in overcast or shaded conditions.



#### HI-DEF COPPER VLT: 32

For flat to medium light. Improves contrast & depth perception of blues & greens.



#### MIRRORED COPPER VLT: 23

For flat to bright light. Improves contrast & depth perception of blues & greens, while reflecting glare.



#### SMOKE GRAY VLT: 15

For medium to bright light. An all-purpose daytime lens with unbiased influence on color



#### POLARIZED GRAY VLT: 15

For extremely bright light & reflective surfaces. Is the most effective at cutting glare, has unbiased influence on color.



#### MIRRORED SILVER VLT: 14

For medium to extremely bright light. Similar to Mirrored Gray, but with a heavier mirrored finish.



#### MIRRORED BLUE VLT: 13

For medium to extremely bright light. Similar to Mirrored Silver, but with a reflective blue mirrored finish.



#### MIRRORED GRAY VLT: 12

For medium to extremely bright light. An all-purpose lens that reflects glare with unbiased influence on color.



#### POLARIZED MIRRORED BLUE VLT: 11

For extremely bright light & reflective surfaces. Polarized reflective blue mirrored finish.



#### POLARIZED MIRRORED GRAY VLT: 9

For intense, blinding sun & reflective surfaces. Is the most effective at cutting glare, has unbiased influence on color.

# CROWBAR™

INTERCHANGEABLE-LENS BALLISTIC SUNGLASSES



## PRODUCT DESCRIPTION

Meet the lightweight and durable Crowbar™ interchangeable-lens sunglass from ESS. Featuring a frameless bottom lens design and innovative Lens Gate™ that makes lens exchanges quicker and field of view greater than ever. The military-grade polycarbonate lens material delivers crisp optics, plus a broad range of ballistic protection. A light and balanced fit that won't interfere with hats, helmets, hearing pro or comms gear.

Medium/Small Fit

## LENSES

2.2MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE  
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

## RAPID LENS EXCHANGE



Crowbar's frameless bottom provides increased field of view, Lens Gate allows for rapid lens exchange

## CROWBAR™ CONFIGURATIONS



### CROWBAR™ SILVER LOGO KIT

Black Frame with Silver ESS Logo  
Clear & Smoke Gray Lenses  
Model #: EE9019-02



### CROWBAR™ SUBDUED LOGO KIT

Black Frame with Black ESS Logo  
Clear & Smoke Gray Lenses  
Model #: EE9019-01



### CROWBAR™ TERRAIN TAN KIT

Terrain Tan Frame with Silver ESS Logo  
Clear & Smoke Gray Lenses  
Model #: EE9019-05



### CROWBAR™ TACTICAL KIT

Black Frame with Black ESS Logo  
Clear, Smoke Gray, & Mirrored Copper Lenses  
Model #: EE9019-04



### CROWBAR™ POLARIZED MIRRORRED GRAY KIT

Black Frame with Silver ESS Logo  
Polarized Mirrored Gray Lenses  
Model #: EE9019-03



### CROWBAR™ POLARIZED MIRRORRED BLUE KIT

Black Frame with Satin Black ESS Logo  
Polarized Mirrored Blue Lenses  
Model #: EE9019-11

NEW



### CROWBAR™ MATTE NAVY KIT

Matte Navy Frame with Silver ESS Logo  
Mirrored Gray Lenses  
Model #: EE9019-13

NEW



### CROWBAR™ MATTE OLIVE KIT

Matte Olive Frame with Silver ESS Logo  
Smoke Gray Lenses  
Model #: EE9019-14

| Crowbar Lens Tints   | VLT | Model #     |
|----------------------|-----|-------------|
| Clear                | 90% | 101-315-001 |
| Hi-Def Yellow        | 85% | 101-315-004 |
| Hi-Def Bronze        | 62% | 101-315-005 |
| Mirrored Copper      | 23% | 101-315-008 |
| Smoke Gray           | 15% | 101-315-002 |
| Mirrored Gray        | 12% | 101-315-007 |
| Polarized Mirr. Blue | 11% | 101-315-006 |
| Polarized Mirr. Gray | 9%  | 101-315-003 |

# ROLLBAR™

INTERCHANGEABLE-LENS APEL BALLISTIC SUNGLASSES



Photo courtesy U.S. DoD.

## PRODUCT DESCRIPTION

The Rollbar™ sunglass from ESS allows for rapid lens exchanges with the auto-locking Rollbar Lens Gate™. The sleek-yet-rugged design is built to excel in the most grueling environments. ESS military-grade polycarbonate lens material delivers crisp optics, plus a broad range of ballistic protection. A balanced fit and low-drag temple arms that won't interfere with hats, helmets, hearing pro or comms gear.

Medium/Large Fit

## LENSES

2.2MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE  
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

## RAPID LENS EXCHANGE



The Rollbar's Lens Gate allows lenses to be swapped out swiftly and securely.

## ROLLBAR™ CONFIGURATIONS



**ROLLBAR™ SUBDUED LOGO**  
Black Frame with Black ESS Logo  
Clear & Smoke Gray Lenses  
Model #: EE9018-02



**ROLLBAR™ SILVER LOGO**  
Black Frame with Silver ESS Logo  
Clear & Smoke Gray Lenses  
Model #: EE9018-03



**ROLLBAR™ APEL UNIT ISSUE KIT**  
Black Frame with Black ESS Logo  
Clear & Smoke Gray Lenses  
Retail APEL Kit #: EE9018-06  
APEL Unit Issue #: EE9018-01 NSN #: 4240-01-630-8249



**ROLLBAR™ TACTICAL KIT**  
Black Frame with Black ESS Logo  
Clear, Smoke Gray, & Mirrored Copper Lenses  
Model #: EE9018-05



**ROLLBAR™ TERRAIN TAN**  
Terrain Tan Frame with Silver ESS Logo  
Clear & Smoke Gray Lenses  
Model #: EE9018-07



**ROLLBAR™ MATTE BLACK**  
Matte Black Frame with Black ESS Logo  
Polarized Mirrored Gray Lenses  
Model #: EE9018-13



**ROLLBAR™ POLARIZED MIRROR GRAY**  
Black Frame with Silver ESS Logo  
Polarized Mirrored Gray Lenses  
Model #: EE9018-04



**ROLLBAR™ POLARIZED MIRROR BLUE**  
Black Frame with Silver ESS Logo  
Polarized Mirrored Blue Lenses  
Model #: EE9018-10

| Rollbar Lens Tints   | VLT | Model #     |
|----------------------|-----|-------------|
| Clear                | 90% | 740-0599    |
| Hi-Def Yellow        | 85% | 740-0604    |
| Hi-Def Bronze        | 62% | 101-286-003 |
| Mirrored Copper      | 23% | 740-0602    |
| Smoke Gray           | 15% | 740-0600    |
| Mirrored Gray        | 12% | 740-0601    |
| Polarized Mirr. Blue | 11% | 101-286-004 |
| Polarized Mirr. Gray | 9%  | 740-0603    |

# CDI™

## INTERCHANGEABLE-LENS BALLISTIC SUNGLASSES



### PRODUCT DESCRIPTION

The lightweight CDI™ sunglass features interchangeable lenses that can be easily swapped for quick adaptation to your environment. No-slip nose pads and temple arms help keep the CDI secure, even when wet. Custom Rx Inserts are also available.

Medium/Small Fit

### LENSES

2.2MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

### BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-31013 (CLAUSE 3.5.1.1), ANSI Z87.1-2015, OSHA & CE  
EXCEPT POLARIZED PRODUCTS WHICH ONLY MEET ANSI Z87.1-2015 (IMPACT) & OSHA.

### RAPID LENS EXCHANGE



CDI™ lenses can be swapped out swiftly and securely.

Photo courtesy U.S. DoD.

## CDI™ CONFIGURATIONS



### CDI™ BLACK

Black Frame with Silver ESS Logo  
Clear & Smoke Gray Lenses  
Model #: 740-0296



### CDI™ TERRAIN TAN

Terrain Tan Frame with Silver ESS Logo  
Clear & Smoke Gray Lenses  
Model #: 740-0458



### CDI™ TACTICAL KIT

Black Frame with Silver ESS Logo  
Clear, Smoke Gray & Mirrored Copper Lenses  
Model #: EE9002-01



### CDI™ POLARIZED MIRRORED GRAY

Black Frame with Silver ESS Logo  
Polarized Mirrored Gray Lenses  
Model #: 740-0529



### CDI™ POLARIZED MIRRORED BLUE

Black Frame with Silver ESS Logo  
Polarized Mirrored Blue Lenses  
Model #: EE9002-02

NEW



### CDI™ MATTE OLIVE

Matte Olive Frame with Silver ESS Logo  
Smoke Gray Lenses  
Model #: EE9002-04

NEW



### CDI™ MATTE NAVY

Matte Navy Frame with Silver ESS Logo  
Polarized Mirrored Gray Lenses  
Model #: EE9002-03

| CDI Lens Tints       | VLT | Model #     |
|----------------------|-----|-------------|
| Clear                | 90% | 740-0185    |
| Hi-Def Yellow        | 85% | 740-0186    |
| Hi-Def Bronze        | 62% | 101-598-001 |
| Mirrored Copper      | 23% | 740-0188    |
| Smoke Gray           | 15% | 740-0320    |
| Mirrored Silver      | 14% | 740-0187    |
| Mirrored Gray        | 12% | 740-0505    |
| Polarized Mirr. Blue | 11% | 101-598-002 |
| Polarized Mirr. Gray | 9%  | 740-0319    |

# CDI MAX™

INTERCHANGEABLE-LENS BALLISTIC SUNGLASSES



## PRODUCT DESCRIPTION

The CDI MAX™ is a larger version of the popular CDI™, offering a wider field of view and broader coverage. As with the original CDI, the CDI MAX can adapt to any light environment by swapping lenses with the Lateral Exchange System™. CDI MAX's 2.4mm Polycarbonate lenses afford you maximum protection.

**Medium/Large Fit**

## LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
 ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-31013 (CLAUSE 3.5.1.1), ANSI Z87.1-2015, OSHA & CE

## RAPID LENS EXCHANGE



CDI MAX™ lenses can be swapped out swiftly and securely.

## CDI MAX™ CONFIGURATIONS



### CDI MAX™ BLACK

Black Frame with Silver ESS Logo  
 Clear & Smoke Gray Lenses  
 Model #: 740-0297



### CDI MAX™ TERRAIN TAN

Terrain Tan Frame with Silver ESS Logo  
 Clear & Smoke Gray Lenses  
 Model #: 740-0457

**NEW**



### CDI MAX™ MATTE DARK GRAY

Matte Dark Gray Frame with Silver ESS Logo  
 Smoke Gray Lenses  
 Model #: EE9003-02

**NEW**



### CDI MAX™ MATTE OLIVE

Matte Olive Frame with Silver ESS Logo  
 Smoke Gray Lenses  
 Model #: EE9003-03

| CDI MAX Lens Tints | VLT | Model #     |
|--------------------|-----|-------------|
| Clear              | 90% | 740-0412    |
| Hi-Def Yellow      | 85% | 740-0413    |
| Hi-Def Bronze      | 62% | 101-623-001 |
| Hi-Def Copper      | 32% | 740-0414    |
| Smoke Gray         | 15% | 740-0415    |
| Mirrored Silver    | 14% | 740-0416    |

# 5B™

FIXED LENS BALLISTIC SUNGLASSES



## PRODUCT DESCRIPTION

The ESS 5B™ is far more than just another sunglass. With ballistic lenses, distortion-free optics, and all-day comfort, the 5B™ is the true embodiment of functional, fashionable eye pro. The frame features low-profile temple arms for comfort with over-the-ear hearing protection, hats or helmets.

Medium Fit

## LENSES

2.2MM HIGH-IMPACT POLYCARBONATE • 100% UVA/UVB PROTECTION  
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE  
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

## CUSTOMIZABLE Rx PLATFORM



The ESS 5B frame can accommodate custom Rx filled lenses.

## 5B™ CONFIGURATIONS



### 5B™ BLACK SMOKE GRAY

Black Frame  
Smoke Gray Lenses  
Model #: EE9006-06



### 5B™ BLACK MIRRORRED COPPER

Black Frame  
Mirrored Copper Lenses  
Model #: EE9006-02



### 5B™ POLARIZED MIRRORRED GRAY

Black Frame  
Polarized Mirrored Gray Lenses  
Model #: EE9006-03



### 5B™ TERRAIN TAN SMOKE GRAY

Terrain Tan Frame  
Smoke Gray Lenses  
Model #: EE9006-15



### 5B™ GRAY MIRRORRED GRAY

Gray Frame  
Mirrored Gray Lenses  
Model #: EE9006-05

NEW



### 5B™ MATTE DARK GRAY

Matte Dark Gray Frame  
Polarized Mirrored Blue Lenses  
Model #: EE9006-18

NEW



### 5B™ MATTE NAVY

Matte Navy Frame  
Polarized Mirrored Gray Lenses  
Model #: EE9006-19

# CREDESCENCE™

FIXED LENS BALLISTIC SUNGLASSES



## PRODUCT DESCRIPTION

With Credence™, seeing is believing. This sunglass delivers a hefty dose of performance, protection and style. The broad lens wrap of the Credence provides a wide field of view through distortion-free, military-grade polycarbonate. The frame features low-profile temple arms for comfort with over-the-ear hearing protection, hats or helmets.

Medium/Large Fit

## LENSES

2.2MM HIGH-IMPACT POLYCARBONATE • 100% UVA/UVB PROTECTION  
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE



## CUSTOMIZABLE Rx PLATFORM



The ESS Credence frame can accommodate custom Rx filled lenses.

## CREDESCENCE™ CONFIGURATIONS



### CREDESCENCE™ BLACK SMOKE GRAY

Black Frame with Silver ESS Logo  
Smoke Gray Lenses  
Model #: EE9015-04



### CREDESCENCE™ BLACK SMOKE GRAY

Black Frame with Black ESS Logo  
Smoke Gray Lenses  
Model #: EE9015-01



### CREDESCENCE™ TERRAIN TAN SMOKE GRAY

Terrain Tan Frame with Silver ESS Logo  
Smoke Gray Lenses  
Model #: EE9015-14



### CREDESCENCE™ GRAY MIRRORED COPPER

Black Frame with Copper ESS Logo  
Mirrored Copper Lenses  
Model #: EE9015-02



### CREDESCENCE™ BLACK MIRRORED BLUE

Black Frame with Silver ESS Logo  
Mirrored Blue Lenses  
Model #: EE9015-08



### CREDESCENCE™ BLACK MIRRORED COPPER

Black Frame with Copper ESS Logo  
Mirrored Copper Lenses  
Model #: EE9015-06

NEW



### CREDESCENCE™ MATTE DARK GRAY

Matte Dark Gray Frame with Silver ESS Logo  
Mirrored Blue Lenses  
Model #: EE9015-15

# CROSSBLADE™

MODULAR FIT BALLISTIC EYESHIELD - STANDARD SIZE



Photo courtesy U.S. DoD.

## PRODUCT DESCRIPTION

The new ESS CrossBlade™ Eyeshield features advanced ClearZone™ Anti-fog coatings plus two different sized lens and nosepiece options to allow for customizable modular fit. With the modular fit system, the CrossBlade™ can be set specifically to fit the end user's facial structure. CrossBlade™ and CrossBlade™ NARO are fully U.S. Army UPLC compatible. Additional Rx options are also available page 45.

Medium/Large Fit

## LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166

## CROSSBLADE™ MODULAR FIT SYSTEM



**Small**  
NARO Lens  
NARO Nosepiece

**Medium**  
NARO Lens  
Std. Nosepiece

**Tall**  
Std. Lens  
NARO Nosepiece

**Large**  
Std. Lens  
Std. Nosepiece

CrossBlade's two sizes, Standard and NARO, lenses and nosepieces create a Modular Fit System which is fully customizable for multiple facial structures.

## CROSSBLADE™ CONFIGURATIONS



### CROSSBLADE™ 2X KIT

Two Black Frames  
Clear & Smoke Gray Lenses  
Model #: EE9032-03



### CROSSBLADE™ 2X TERRAIN TAN KIT

Two Terrain Tan Frames  
Clear & Smoke Gray Lenses  
Model #: EE9032-05



### CROSSBLADE™ UNIT ISSUE KIT

Black Frame  
Clear & Smoke Gray Lenses  
APEL Unit Issue Kit #: EE9032-12  
APEL Retail Model #: EE9032-04  
NSN #: 4240-01-678-7124



### CROSSBLADE™ 2X+ KIT

Two Black Frames  
Clear, Smoke Gray & Hi-Def Copper Lenses  
Model #: EE9032-06



### CROSSBLADE™ 3LS KIT

Black Frame  
Clear, Smoke Gray & Hi-Def Yellow Lenses  
Model #: EE9032-07



### CROSSBLADE™ ONE SMOKE GRAY

Black Frame - Smoke Gray Lens  
Model #: EE9032-08



### CROSSBLADE™ ONE CLEAR

Black Frame - Clear Lens  
Model #: EE9032-09

| CrossBlade Lens Tints                              | VLT    | Model #     |
|--|--------|-------------|
| Standard Clear                                     | 90%    | 102-189-004 |
| Standard Hi-Def Yellow                             | 85%    | 102-189-006 |
| Standard Hi-Def Bronze                             | 62%    | 102-189-008 |
| Standard Hi-Def Copper                             | 23%    | 102-189-005 |
| Standard Smoke Gray                                | 15%    | 102-189-003 |
| Standard Polarized Gray                            | 15%    | 102-189-007 |
| Standard Photochromic                              | 86-24% | 102-189-009 |
| Standard Laser Protective (LPL) - Call for details |        |             |
| Replacement Nosepieces                             |        | Model #     |
| Standard Black                                     |        | 102-191-001 |
| Standard Terrain Tan                               |        | 102-191-002 |
| Standard UPLC Black                                |        | 102-324-007 |
| Standard U-Rx Black                                |        | 102-324-004 |

# CROSSBLADE™ NARO

MODULAR FIT BALLISTIC EYESHIELD - SMALLER SIZE



Photo courtesy U.S. DoD.

## PRODUCT DESCRIPTION

The new ESS CrossBlade™ Eyeshield features advanced ClearZone™ Anti-fog coatings plus two different sized lens and nosepiece options to allow for customizable modular fit. With the modular fit system, the CrossBlade™ can be set specifically to fit the end user's facial structure. CrossBlade™ and CrossBlade™ NARO are fully U.S. Army UPLC compatible. Additional Rx options are also available page 45.

Medium/Small Fit

## LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166

## CROSSBLADE™ NARO vs STANDARD



CrossBlade Standard Lens with Standard Nosepiece



CrossBlade NARO Lens with NARO Nosepiece

CrossBlade's Deluxe Kit contains both Standard and NARO lenses and nosepieces to create a true custom fit.

## CROSSBLADE™ NARO CONFIGURATIONS



### CROSSBLADE™ NARO 2X KIT

Two Black Frames  
NARO Clear & Smoke Gray Lenses  
NARO Model #: EE9034-03



### CROSSBLADE™ NARO ONE SMOKE GRAY

Black Frame - NARO Smoke Gray Lens  
NARO Model #: EE9034-07



### CROSSBLADE™ NARO 2LS

Black Frame  
NARO Clear & Smoke Gray Lenses  
NARO Model #: EE9034-02



### CROSSBLADE™ NARO ONE CLEAR

Black Frame - NARO Clear Lens  
NARO Model #: EE9034-08



### CROSSBLADE™ NARO UNIT ISSUE KIT

Black Frame  
NARO Clear & Smoke Gray Lenses  
APEL Unit Issue Kit NARO #: EE9034-05  
NSN #: 4240-01-678-7130

| CrossBlade Lens Tints                          | VLT    | Model #     |
|--|--------|-------------|
| NARO Clear                                     | 90%    | 102-190-003 |
| NARO Hi-Def Yellow                             | 85%    | 102-190-005 |
| NARO Hi-Def Bronze                             | 62%    | 102-190-007 |
| NARO Hi-Def Copper                             | 23%    | 102-190-006 |
| NARO Smoke Gray                                | 15%    | 102-190-004 |
| NARO Polarized Gray                            | 15%    | 102-190-008 |
| NARO Photochromic                              | 86-24% | 102-190-009 |
| NARO Laser Protective (LPL) - Call for details |        |             |
| Replacement Nosepieces                         |        | Model #     |
| NARO Black                                     |        | 102-191-003 |
| NARO Terrain Tan                               |        | 102-324-006 |
| NARO UPLC Black                                |        | 102-324-008 |
| NARO U-Rx Black                                |        | 102-324-005 |

# CROSSBOW®

THE ANTI-FOG APEL BALLISTIC EYESHIELD



## PRODUCT DESCRIPTION

Militaries worldwide rely on the Crossbow® as their #1 choice for eye protection. Featuring a dedicated FlowCoat lens technology, ESS ClearZone™ is engineered to eliminate fog inside and prevent scratches outside. Crossbow® is fully U.S. Army UPLC compatible. Additional Rx options are also available page 45.

**Universal Fit**

## LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166  
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA



Photo courtesy U.S. DoD.

## CROSSBOW® GASKET

Airflow management for your Crossbow® Eyeshield



The Gasket insert fits snugly against the wearer's face to create a full seal to protect against wind, dust and airborne debris.  
Model #: 101-319-001

**Approved by the U.S. Navy for all rotary wing operations.**

## CROSSBOW® CONFIGURATIONS



### CROSSBOW® UNIT ISSUE KIT

Black Frame  
Clear & Smoke Gray Lenses  
APEL Retail Model #: 740-0386  
APEL Unit Issue Model #: 740-0607  
NSN #: 4240-01-630-8327



### CROSSBOW® ONE POLARIZED

Black Frame  
Polarized Mirrored Gray Lenses  
Model #: 740-0494



### CROSSBOW® ONE SMOKE GRAY

Black Frame  
Smoke Gray Lens  
Model #: 740-0614



### CROSSBOW® 2X KIT

Two Black Frames  
Clear & Smoke Gray Lenses  
Model #: 740-0504



### CROSSBOW® ONE PHOTOCROMIC

Black Frame  
Light-Adapting Photochromic Lens  
Model #: 740-0546



### CROSSBOW® ONE CLEAR

Black Frame  
Clear Lens  
Model #: 740-0615



### CROSSBOW® 2X TERRAIN TAN KIT

Two Terrain Tan Frames  
Clear & Smoke Gray Lenses  
Model #: 740-0463



### CROSSBOW® 3LS KIT

Black Frame  
Clear, Smoke Gray & Hi-Def Yellow Lenses  
Model #: 740-0387

| Crossbow Lens Tints                       | VLT    | Model #  |
|---|--------|----------|
| Clear                                     | 90%    | 740-0425 |
| Hi-Def Yellow                             | 85%    | 740-0423 |
| Hi-Def Bronze                             | 62%    | 740-0509 |
| Hi-Def Copper                             | 32%    | 740-0426 |
| Smoke Gray                                | 15%    | 740-0424 |
| Photochromic                              | 86-24% | 740-0452 |
| Polarized Gray                            | 15%    | 740-0455 |
| Laser Protective (LPL) - Call for details |        |          |

# SUPPRESSOR™

BALLISTIC EYESHIELD FOR USE WITH HEARING PRO



## PRODUCT DESCRIPTION

The Crossbow Suppressor™ is the first spectacle frame designed for use with over-the-ear hearing protection and comms gear. The Suppressor's ultra-thin temple arms help keep noise out and eliminate hot spots by minimizing interference with the padded seal of ear cups. Rx options are available see page 45.

**Universal Fit**

## LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166  
EXCEPT POLARIZED LENSES WHICH MEET ANSI Z87.1-2015 (IMPACT) & OSHA

## SUPPRESSOR™ Z-BEND GEOMETRY



Ultra-thin temple arms eliminate pressure on wearer's head and help keep noise out by minimizing the effect on the padded seal of ear cups.

## SUPPRESSOR™ CONFIGURATIONS



### SUPPRESSOR™ 2X+ KIT

Black Crossbow Frame & Black Suppressor Frame  
Clear, Smoke Gray & Hi-Def Copper Lenses  
Model #: 740-0388



### SUPPRESSOR™ 2X KIT

Black Crossbow Frame & Black Suppressor Frame  
Clear & Hi-Def Copper Lenses  
Model #: 740-0475



### SUPPRESSOR™ 2X KIT

Black Crossbow Frame & Black Suppressor Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0451



### SUPPRESSOR™ ONE HDC

Black Suppressor Frame  
Hi-Def Copper Lens  
Model #: 740-0472



### SUPPRESSOR™ ONE SMOKE GRAY

Black Suppressor Frame  
Smoke Gray Lens  
Model #: EE9007-03



### SUPPRESSOR™ ONE CLEAR

Black Suppressor Frame  
Clear Lens  
Model #: EE9007-04



### SUPPRESSOR™ BLACK FRAME

Black Suppressor Frame  
Model #: 740-0561  
NSN #: 4240-01-679-3323



### SUPPRESSOR™ TERRAIN TAN FRAME

Terrain Tan Suppressor Frame  
Model #: 740-0532

| Crossbow Lens Tints                       | VLT    | Model #  |
|---|--------|----------|
| Clear                                     | 90%    | 740-0425 |
| Hi-Def Yellow                             | 85%    | 740-0423 |
| Hi-Def Bronze                             | 62%    | 740-0509 |
| Hi-Def Copper                             | 32%    | 740-0426 |
| Smoke Gray                                | 15%    | 740-0424 |
| Photochromic                              | 86-24% | 740-0452 |
| Polarized Gray                            | 15%    | 740-0455 |
| Laser Protective (LPL) - Call for details |        |          |

# CROSSHAIR™

## BALLISTIC EYESHIELD



### PRODUCT DESCRIPTION

This Crosshair™ is an entry level eyeshield that provides all day comfort and universal fit. The Crosshair benefits from complete compatibility with the ESS CrossSeries eyeshield platform for customization in any environment. Crosshair™ is fully U.S. Army UPLC compatible. Additional Rx options are available see page 45.

#### Universal Fit

#### LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

#### BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166

### CROSS-SERIES™ COMPONENTS

The ESS Cross-Series™ is a revolutionary new systems approach to ballistic eye protection. All Cross-Series™ components and accessories can be interchanged between products in this fully cross-compatible eyeshield platform: the entry-level Crosshair™ with core performance, Crossbow® with anti-fog / anti-scratch lenses, the Suppressor™ for use with hearing protection, and CrossBlade™ the latest ESS eyeshield, featuring a modular fit system and premium components. Engage. Adapt. Excel.



### CROSSHAIR™ CONFIGURATIONS



#### CROSSHAIR™ 2X KIT

Two Black Frame Frames  
Clear & Smoke Gray Lenses  
Model #: EE9014-01  
Retail Kit #: EE9014-02



#### CROSSHAIR™ 2LS KIT

Black Frame  
Clear & Smoke Gray Lenses  
Model #: EE9014-04



#### CROSSHAIR™ UNIT ISSUE KIT

Black Frame  
Clear & Smoke Gray Lenses  
Unit Issue Model #: EE9014-11  
NSN #: 4240-01-630-6352



#### CROSSHAIR™ 3LS KIT

Black Frame  
Clear, Smoke Gray & Hi-Def Yellow Lenses  
Model #: EE9014-05



#### CROSSHAIR™ 3LS TERRAIN TAN KIT

Terran Tan Frame  
Clear, Smoke Gray & Hi-Def Yellow Lenses  
Model #: EE9014-09



#### CROSSHAIR™ ONE SMOKE GRAY

Black Frame  
Smoke Gray Lens  
Model #: EE9014-08



#### CROSSHAIR™ ONE CLEAR

Black Frame  
Clear Lens  
Model #: EE9014-07

| Crosshair Lens Tints | VLT | Model #  |
|----------------------|-----|----------|
| Clear                | 90% | 740-0479 |
| Hi-Def Yellow        | 85% | 740-0477 |
| Hi-Def Copper        | 23% | 740-0478 |
| Smoke Gray           | 15% | 740-0480 |

# CROSSBOW AF™

ASIAN FIT ANTI-FOG BALLISTIC EYESHIELD



## PRODUCT DESCRIPTION

The ESS Crossbow AF™ is designed specifically to fit Asian facial features. Featuring a flatter lens curve and nosepiece, the geometry of this eyeshield works to improve fit for faces with shallow nosebridges and higher cheek structure.

Asian Fit

## LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166

## CROSSBOW AF™ U-Rx KIT



A special Rx nosepiece, carrier and side-shields are included in kit for correct vision and maximum eye protection.

## CROSSBOW AF™ CONFIGURATIONS



### CROSSBOW AF™ 2LS KIT

Black Frame  
Clear & Smoke Gray Lenses  
Model #: EE9020-01



### CROSSBOW AF™ ONE SMOKE GRAY

Black Frame  
Smoke Gray Lens  
Model #: EE9020-05



### CROSSBOW AF™ ONE CLEAR

Black Frame  
Clear Lens  
Model #: EE9020-04



### CROSSBOW AF™ 3LS KIT

Black Frame,  
Clear, Smoke Gray & Hi-Def Yellow Lenses  
Model #: EE9020-07



### CROSSBOW AF™ ONE SMOKE GRAY TERRAIN TAN

Terrain Tan Frame  
Smoke Gray Lens  
Model #: EE9020-03



### CROSSBOW AF™ ONE CLEAR TERRAIN TAN

Terrain Tan Frame  
Clear Lens  
Model #: EE9020-02

| <u>Crossbow AF Lens Tints</u>      | <u>VLT</u> | <u>Model #</u> |
|------------------------------------|------------|----------------|
| Clear                              | 90%        | 101-804-001    |
| Smoke Gray                         | 15%        | 101-804-002    |
| Hi-Def Yellow                      | 85%        | 101-804-003    |
| <u>Additional Accessory Items</u>  |            |                |
| Crossbow AF U-Rx kit - Black       |            | 102-324-007    |
| Crossbow AF U-Rx kit - Terrain Tan |            | 102-324-008    |

# ICE™ & ICE NARO™

ORIGINAL ESS BALLISTIC EYESHIELD



Photo courtesy U.S. DoD.

## PRODUCT DESCRIPTION

ESS ICE™ & ICE NARO™ eyeshields offer a unique combination of impact resistance, unrestricted view, and interchangeable lenses for “frameless” eye protection in any light. Reinforced PosiLock™ temples provide a secure and adjustable fit through their pliable earwires and variable-length arms.

ICE NARO is approximately 10% narrower than the standard ICE and is engineered for smaller faces.

*Note: ICE™ and ICE NARO™ are not part of the Cross-Series.*

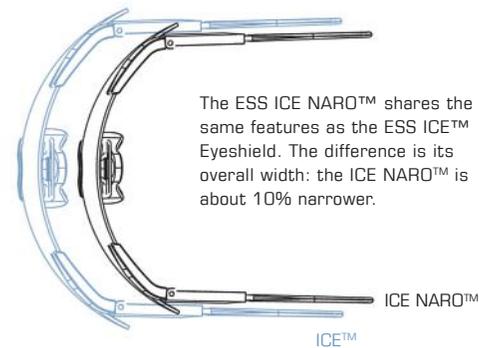
## LENSES

2.4MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166

## ICE NARO™ vs. ICE™



The ESS ICE NARO™ shares the same features as the ESS ICE™ Eyeshield. The difference is its overall width: the ICE NARO™ is about 10% narrower.

## ICE™ & ICE NARO™ CONFIGURATIONS



### ICE™ 2X KIT

Two Black Regular Frames  
Clear & Smoke Gray Lenses  
Model #: 740-0003



### ICE™ 2X UNIT ISSUE KIT

Two Black Regular Frames  
Clear & Smoke Gray Lenses  
Model #: 740-0004  
NSN #: 4040-01-554-5699



### ICE™ 3LS KIT

Black Regular Frame  
Clear, Smoke Gray & Hi-Def Yellow Lenses  
Model #: 740-0020



### ICE™ TACTICAL KIT

Two Black Regular Frames  
Clear, Smoke Gray, & Hi-Def Copper Lenses  
Model #: 740-0007



### ICE NARO™ 2X KIT

Two Black NARO Frames  
Clear & Smoke Gray Lenses  
Model #: 740-0001



### ICE™ ONE SMOKE GRAY

Black Regular Frame  
Smoke Gray Lens  
Model #: 740-0440



### ICE™ ONE CLEAR

Black Regular Frame  
Clear Lens  
Model #: 740-0005

## ICE Lens Tints

| Color         | VLT | Model #  |
|---------------|-----|----------|
| Clear         | 90% | 740-0071 |
| Hi-Def Yellow | 85% | 740-0088 |
| Hi-Def Copper | 23% | 740-0086 |
| Smoke Gray    | 15% | 740-0011 |

## ICE NARO Lens Tints

| Color              | VLT | Model #  |
|--------------------|-----|----------|
| NARO Clear         | 90% | 740-0078 |
| NARO Hi-Def Yellow | 85% | 740-0077 |
| NARO Hi-Def Copper | 23% | 740-0080 |
| NARO Smoke Gray    | 15% | 740-0079 |

# JUMPMASTER™

LOW PROFILE BALLISTIC GOGGLE



Photo courtesy U.S. DoD.

## PRODUCT DESCRIPTION

The ESS Jumpmaster™ is specifically designed for Airborne and other high-speed applications. It is compatible with night vision devices and multiple helmet types with three mission-specific strap configurations. The Jumpmaster features Anti-microbial OpFoam™ face padding which increases comfort & fit. Its 2.6mm polycarbonate lenses provide ballistic protection, ESSOPTICS™ distortion-free optical precision, and ESS ClearZone™ dedicated Anti-fog and Anti-scratch lens coatings.

## LENSES

2.6MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432, ANSI Z87.1-2015, OSHA & CE EN166

## JUMPMASTER™ LOW PROFILE FIT



Aerodynamic Profile for High-Speed Activities

## JUMPMASTER™ CONFIGURATIONS



### JUMPMASTER™ BLACK

Black Jumpmaster Frame  
Smoke Gray Lens  
Model #: EE7035-01



### JUMPMASTER™ BLACK

Black Jumpmaster Frame  
Clear Lens  
Model #: EE7035-02



### JUMPMASTER™ TERRAIN TAN

Terrain Tan Jumpmaster Frame  
Smoke Gray Lens  
Model #: EE7035-03



### JUMPMASTER™ TERRAIN TAN

Terrain Tan Jumpmaster Frame  
Clear Lens  
Model #: EE7035-04



Jumpmaster™ Goggle is cross-compatible with ESS Influx™ Goggle straps. (Shown with Terrain Tan Pivot Strap)

| Jumpmaster Lens Tints  | VLT | Model #     |
|------------------------|-----|-------------|
| Clear/Black            | 90% | 102-856-003 |
| Smoke Gray/Black       | 15% | 102-856-004 |
| Clear/Terrain Tan      | 90% | 102-856-001 |
| Smoke Gray/Terrain Tan | 15% | 102-856-002 |

# INFLUX™

THE ANTI-FOG APEL BALLISTIC GOGGLE



## PRODUCT DESCRIPTION

By virtually eliminating lens fogging, the ESS Influx™ military goggle allows troops to maintain full situational awareness in dynamic tactical environments. As part of the goggle's patented Adjustable Ventilation System™ (AVS™), the Influx RotoClip™ pivots the position of the lens inside the goggle frame: choose either a dust-free, fully-sealed mode, or a fog-free, open-ventilation mode. With Influx™, troops can always see clearly and act fast when seconds count.

## LENSES

3MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166



Photo courtesy U.S. DoD.

## ADJUSTABLE VENTILATION SYSTEM (AVS)™



Lens pivots open to create airflow & closes to seal goggle

## INFLUX™ CONFIGURATIONS

AUTHORIZED PROTECTIVE EYEWEAR LIST (APEL)



### INFLUX™ TERRAIN TAN

Terrain Tan Influx Frame  
Clear & Smoke Gray Lenses  
Model #: EE7018-02  
APEL Unit Issue Model #: EE7018-04  
APEL Retail #: EE7018-10  
NSN #: 4240-01-630-6343



### INFLUX™ FOLIAGE GREEN

Foliage Green Influx Frame  
Clear & Smoke Gray Lenses  
Model #: EE7018-07



### INFLUX™ BLACK

Black Influx Frame  
Clear & Smoke Gray Lenses  
Model #: EE7018-01



### INFLUX™ WHITE 3LS UNIT ISSUE

White Influx Frame with Fleece Face Foam  
Clear, Smoke Gray, & Alpenglow Lenses  
Designed for Cold Weather Applications  
Model #: EE7018-23



### AIRBOSS™

Gray Frame  
Full Strap with SpeedClips™  
Clear & Smoke Gray Lenses  
Designed for Use on Aircraft Carriers  
Model #: EE7018-20

| Influx Lens Tints                         | VLT | Model #     |
|---|-----|-------------|
| Clear                                     | 90% | 101-289-002 |
| Hi-Def Yellow                             | 85% | 101-289-005 |
| Alpenglow                                 | 26% | 101-289-003 |
| Smoke Gray                                | 15% | 101-289-001 |
| Laser Protective (LPL) - Call for details |     |             |

# PIVOT™ SERIES

RAPID ADJUSTABLE STRAP SYSTEM



## PRODUCT DESCRIPTION

ESS Pivot™ Series provide a simple and adjustable solution for attaching ESS Influx™ & Profile™ NVG goggles to any helmet equipped with an ESS helmet-post. The Pivot™ strap replaces the standard full elastic strap with two pivoting, adjustable side-straps. The ESS Pivot™ system enables easy donning and doffing, rapid strap adjustment, and offers multiple secure stowage options in the field even while wearing a helmet and gloves.

## LENSES

2.8 - 3MM HIGH-IMPACT POLYCARBONATE\* • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166

\*PROFILE NVG LENSES ARE 2.8MM - INFLUX LENSES ARE 3MM

## ESS PIVOT™ GOGGLE SYSTEM



Pivot™ Series goggles can be mounted to helmets equipped with the Rail Systems. (Appropriate adapter required)

## PIVOT™ GOGGLE CONFIGURATIONS



**INFLUX PIVOT™ BLACK**  
Black Frame with Ops Core® ARC™ Mounting Kit  
Clear & Smoke Gray Lenses  
Model #: EE7D18-18  
Black Frame without Mounting Kit  
Clear & Smoke Gray Lenses  
Model #: EE7D18-19



**INFLUX PIVOT™ TERRAIN TAN**  
Terrain Tan Frame with Ops Core® ARC™ Mounting Kit  
Clear & Smoke Gray Lenses  
Model #: EE7D18-21  
Terrain Tan Frame without Mounting Kit  
Clear & Smoke Gray Lenses  
Model #: EE7D18-22



**PROFILE PIVOT™ GRAY**  
Gray Frame with Ops Core® ARC™ Mounting Kit  
Clear & Smoke Gray Lenses  
Model #: 740-0516



**PROFILE PIVOT™ TEAM WENDY GOGGLE**  
Gray Frame with Pivot Strap  
Clear & Smoke Gray Lenses  
Model #: EE7001-01

## Accessory Strap Options

|   | Model #     |
|---|-------------|
| Influx Gray Pivot Strap Assembly        | 102-196-001 |
| Influx Gray Pivot Strap                 | 102-196-002 |
| Influx Terrain Tan Pivot Strap Assembly | 102-196-003 |
| Influx Terrain Tan Pivot Strap          | 102-196-004 |
| Influx Foliage Green Strap Assembly     | 102-196-008 |
| Profile Gray Pivot Strap Assembly       | 740-0495    |
| Ops Core Rail Adapter Kit               | 740-0488    |
| Profile Pivot Team Wendy Strap Assembly | 101-955-001 |

MILITARY GOGGLES

# PROFILE NVG™

LOW PROFILE GOGGLE SERIES



## PRODUCT DESCRIPTION

Battle tested in the most demanding theaters, the patented ESS Profile NVG™ is a low-profile, night-vision-compatible goggle has been authorized and issued by the U.S. Army, USMC, USAF, and numerous NATO governments. The goggle's full-perimeter ventilation and filtration system minimizes lens fogging and filters airborne particles, dust and splashes. Advanced ClearZone™ FlowCoat lenses provide an optimal combination of anti-scratch coatings on the outside of the lens and anti-fog coatings on the inside.

## LENSES

2.8MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166



Photo courtesy U.S. DoD.

## PROFILE NVG™ FULL-PERIMETER VENTILATION



Full-perimeter ventilation and filtration system minimizes lens fogging and filters airborne particles, dust and splashes.

## PROFILE NVG™ CONFIGURATIONS



### PROFILE NVG™ TERRAIN TAN

Terrain Tan NVG Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0500  
Unit Issue Model #: 740-0609  
NSN #: 4240-01-630-7259



### PROFILE TURBOFAN™ BLACK

Black TurboFan Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0131



### PROFILE NVG™ ASIAN FIT

Black Asian Fit Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0123



### PROFILE NVG™ BLACK

Black NVG Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0499  
Unit Issue Model #: 740-0124  
NSN #: 4240-01-504-6222



### FLIGHT PRO™

Gray Frame - Aircraft Carrier Deck Goggle  
Clear & Smoke Gray Lenses  
Model #: 740-0410  
NSN #: 1680-01-602-5906



### PROFILE TURBOFAN™ ASIAN FIT

Black Asian Fit TurboFan Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0132



### PROFILE NVG™ FOLIAGE GREEN

Foliage Green NVG Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0501  
Unit Issue Model #: 740-0129  
NSN #: 4240-01-540-5585

| Profile Lens Tints                        | VLT | Model #  |
|---|-----|----------|
| Clear                                     | 90% | 740-0113 |
| Hi-Def Yellow                             | 85% | 740-0121 |
| Hi-Def Bronze                             | 62% | 740-0508 |
| Smoke Gray                                | 15% | 740-0119 |
| Laser Protective (LPL) - Call for details |     |          |
| Asian Fit Lens Tints                      | VLT | Model #  |
| Clear                                     | 90% | 740-0260 |
| Hi-Def Yellow                             | 85% | 740-0258 |
| Smoke Gray                                | 15% | 740-0259 |

# STRIKER™ SERIES

MILITARY/TACTICAL GOGGLE SERIES



## PRODUCT DESCRIPTION

The ESS Striker™ Series features closed-cell facepadding for superior durability, ease of cleaning and long-lasting comfort. Full-perimeter Hi-Flow™ ventilation & filtration system permits airflow while filtering out airborne particles, air blasts, and splashes. The ESS Land Ops™ goggle frame is roomy enough for use over prescription eyewear.

## LENSES

2.6MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS TOUGHZONE™ ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

U.S. MIL SPEC MIL-PRF-32432A, ANSI Z87.1-2015, OSHA & CE EN166



Photo courtesy U.S. DoD.

## STRIKER™ GOGGLES



Photo courtesy U.S. DoD.

Roomy frame fits over user's prescription glasses.

## STRIKER™ CONFIGURATIONS



### LAND OPS™ TERRAIN TAN

Terrain Tan Striker Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0207  
Unit Issue Model #: 740-0206  
NSN #: 4240-01-540-5580



### FLIGHT DECK™

Gray Striker Frame - Aircraft Carrier Deck Goggle  
Clear & Smoke Gray Lenses  
Model #: 740-0333  
Unit Issue #: 740-0197  
NSN #: 4240-01-492-5720



### LAND OPS™ FOLIAGE GREEN

Foliage Green Striker Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0502  
Unit Issue Model #: 740-0202  
NSN #: 4240-01-540-5576



### STRIKER™ ASIAN FIT

Black Asian Fit Striker Frame  
Clear & Smoke Gray Lenses  
Model #: 740-0247



### TACTICAL XT™ BLACK

Black Striker Frame  
Clear Lens  
Model #: 740-0243



### TACTICAL XT™ ASIAN FIT

Black Asian Fit Striker Frame  
Clear Lens  
Model #: 740-0462

## Striker Lens Tints

| Striker Lens Tints | VLT | Model #  |
|--------------------|-----|----------|
| Clear              | 90% | 740-0192 |
| Hi-Def Yellow      | 85% | 740-0315 |
| Smoke Gray         | 15% | 740-0227 |

# STRUCTURAL FIRE SERIES

NFPA 1971 CERTIFIED FIREFIGHTING GOGGLES



## PRODUCT DESCRIPTION

ESS Structural goggles can be worn alone, on a helmet, or in conjunction with faceshields or flip-downs. ESS Structural goggles are compliant with NFPA 1971-2018, including the 500°F for 5-minute oven test. The goggle's full-perimeter ventilation and filtration system minimizes lens fogging and filters airborne particles, dust and splashes. The patented Speed-Clip™ strap system facilitates quick strap adjustment, even with gloves on.

## LENSES

2.6MM -2.8MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

NFPA 1971-2018 EDITION • ANSI Z87.1-2015 • U.S. FEDERAL OSHA

## INNERZONE™ SERIES



The Innerzone™ Structural goggles can accommodate fitting over most prescription eyewear.

## FIREPRO 1971™ & INNERZONE™ CONFIGURATIONS



**FIREPRO-1971 EX-1™**  
Gray NFPA Compliant 1971 Frame  
2-Piece Strap with Thumb-Screw Mounting Brackets  
Model #: 740-0535



**FIREPRO-1971 EX-2™**  
Gray NFPA Compliant 1971 Frame  
2-Piece Strap with Snap-On/Snap-Off Mounting Brackets  
Model #: 740-0536



**FIREPRO-1971 FS™**  
Gray NFPA Compliant 1971 Frame With Full Strap and Two Hook and Loop Tabs  
Model #: 740-0537



**INNERZONE-1™**  
Gray NFPA Compliant 1971 Frame  
2-Piece Strap with Thumb-Screw Mounting Brackets  
Model #: 740-0264



**INNERZONE-2™**  
Gray NFPA Compliant 1971 Frame  
2-Piece Strap with Snap-On/Snap-Off Mounting Brackets  
Model #: 740-0268



**INNERZONE-3™**  
Gray NFPA Compliant 1971 Frame With Full Strap and Two Hook and Loop Tabs  
Model #: 740-0273

| Accessory Items           | Model #  |
|---------------------------|----------|
| FirePro 1971 Clear Lens   | 740-0585 |
| Innerzone 1971 Clear Lens | 740-0190 |
| Nomex® Heat Sleeve        | 740-0228 |
| Semi-Permanent Bracket    | 740-0201 |
| Snap on/ off bracket      | 740-0251 |

# WILDLAND FIRE SERIES

NFPA 1977 FIREFIGHTING GOGGLES



## PRODUCT DESCRIPTION

ESS offers three different Wildland goggle series. The new **ESS Influx FirePro-1977™** wildland goggles are Rx compatible, have low-profile frames and feature the patented Adjustable Ventilation System™ AVS, for a dust-free, fully-sealed mode, or a fog-free, open-ventilation mode. The **ESS Firepro 1977™** series is based on the ESS Profile NVG™ low profile military goggle and is Rx compatible. The **ESS Striketeam™** series is a high volume goggle that fits over prescription eyewear.

## LENSES

2.6MM -3.0MM HIGH-IMPACT POLYCARBONATE • INTERCHANGEABLE • 100% UVA/UVB PROTECTION  
ESS CLEARZONE™ ANTI-FOG/ANTI-SCRATCH LENS COATING • DISTORTION-FREE ESSOPTICS™

## BALLISTIC PROTECTION STANDARDS

NFPA 1977-2016 EDITION • ANSI Z87.1-2015 • U.S. FEDERAL OSHA • UL CERTIFIED



Photo courtesy U.S. DoD.

## FIREPRO 1977™ ASIAN FIT



### FIREPRO-1977 AF™

Gray NFPA Compliant 1977 Asian Fit Frame With Full Strap and Two Hook and Loop Tabs  
Model #: 740-0380

## INFLUX FIREPRO 1977™, FIREPRO 1977™ & STRIKETEAM™ CONFIGURATIONS



### INFLUX FIREPRO-1977 FS™

Gray Influx NFPA Compliant 1977 Frame With Full Strap and Two Hook and Loop Tabs  
Model #: EE7018-24



### INFLUX FIREPRO-1977 EX™

Gray Influx NFPA Compliant 1977 Frame 2-Piece Strap with Snap-On/Snap-Off Mounting Brackets  
Model #: EE7018-25



### FIREPRO-1977 FS™

Gray NFPA Compliant 1977 Frame With Full Strap and Two Hook and Loop Tabs  
Model #: 740-0377



### STRIKETEAM XTO™

Gray Striker Frame With Full Strap and Closed-Cell Face Padding  
Model #: 740-0283



### STRIKETEAM SJ™

Gray Striker Frame With Full Strap and Open-Cell Face Padding and Fully-Sealed Vents for Maximum Smoke Resistance  
Model #: 740-0235



### FIREPRO-1977 EX™

Gray NFPA Compliant 1977 Frame 2-Piece Strap with Snap-On/Snap-Off Mounting Brackets  
Model #: 740-0378



### STRIKETEAM WF™

Gray Striker Frame With Full Strap and No Face Padding  
Model #: 740-0236



### X-TRICATOR™

Gray Striker Frame 2-Piece Strap with Snap-On/Snap-Off Mounting Brackets  
Model #: 740-0287

## Accessory Items

| Accessory Items           | Model #     |
|---------------------------|-------------|
| Influx Clear Lens         | 101-289-002 |
| FirePro 1977 Clear Lens   | 740-0562    |
| Innerzone 1971 Clear Lens | 740-0190    |
| Nomex® Heat Sleeve        | 740-0228    |
| Striker tear-offs         | 740-0246    |
| Semi-Permanent Bracket    | 740-0201    |
| Snap on/ off bracket      | 740-0251    |

# RX SUNGLASSES



**ROLLBAR™ RX**  
Black Rollbar Frame  
Customizable Interchangeable Rx Lenses



**CDI™ RX INSERT\*\***  
Customizable Interchangeable Rx Lenses



**CREDENCE™ RX**  
Black & Gray Frames Available  
Customizable Fixed Rx Lenses



**5B™ RX**  
Black & Gray Frames Available  
Customizable Fixed Rx Lenses

# RX INSERTS



Many ESS products are compatible with Rx inserts which fit behind your eye pro's primary lenses. To identify Rx insert-compatible products, look for the Rx Insert Available symbol or reference the chart on the previous page.



## U-RX™ INSERT

The **U-Rx™** Prescription Lens Insert was developed to be the most comprehensive and adaptable Rx solution ever made. This universal Rx carrier is the first to interchange across brands in a wide variety of ESS and Oakley® ballistic eyeshields and goggles. The U-Rx is compatible with the Oakley® Ballistic M-Frame 2.0 / 3.0 and Oakley® SI Ballistic Goggle.  
**Model #:** 740-0433



## VICE™ RX INSERT

The wire & monofilament-framed **Vice™** Rx Lens Insert snaps into a Crossbow®, Crosshair™, Suppressor™, ICE™, or ICE NARO™ eyeshield for a low-profile, lightweight prescription integration. This allows one prescription carrier to work in multiple products.  
**Model #** 740-0308



### ESS PRESCRIPTION EYEWEAR COMPATIBILITY MATRIX

| Rx Compatibility                    |           | Influx Goggles<br>Influx<br>Influx Pivot | Profile Series<br>Profile NVG<br>Profile TurboFan<br>Profile Pivot<br>Flight Pro | FirePro Series<br>FirePro 1971<br>FirePro 1977 | Eyeshields<br>Crossbow<br>Suppressor<br>Crosshair<br>ICE & ICE NARO | CrossBlade<br>CrossBlade<br>CrossBlade NARO | Crossbow Gasket<br>Crossbow Gasket | Crossbow AF<br>Crossbow AF | CDI Sunglass<br>CDI | Sunglasses<br>5B<br>Credence<br>Rollbar |
|-------------------------------------|-----------|--|--|--|---|---|------------------------------------|----------------------------|---------------------|---|
| Model                               | Rx Range* |  |  |  |   |   |                                    |                            |                     |   |
| <b>U-Rx Rx Insert</b>               | +11/-11   | ●  | ●  | ●  | ●   | ●   |                                    |                            |                     |   |
| <b>Vice Rx Insert</b>               | +6/-6     |  |  |  | ●   |   |                                    |                            |                     |   |
| <b>Crossbow AF Rx</b>               | +6/-6     |  |  |  |   |   |                                    | ●                          |                     |   |
| <b>CDI Rx Inserts</b>               | +5.5/-6   |  |  |  |   |   |                                    |                            | ●                   |   |
| <b>Rx-Ready Sunglasses</b> (Varies) |           |  |  |  |   |   |                                    |                            |                     | ●                                       |
| <b>U.S. Army UPLC</b>               |           | ●  | ●  | ●  | ●   | ●   | ●                                  |                            |                     |   |

\*Range of prescription may vary based on the filling service you use. \*\*Use of Rx inserts renders the CDI sunglass non-compliant with MIL-PRF-32432A & ANSI Z87.1.



If not using ESS Rx Filling Service, ESS strongly recommends the use of Polycarbonate lenses in prescription inserts. Rx filling should always be done in an ANSI-compliant lab. Range of prescription inserts may vary based on the filling service you use.

# ESS U.S. APEL NSN LIST

All Products shown below are included on the U.S. Army APEL

**AUTHORIZED  
PROTECTIVE  
EYEWEAR  
LIST (APEL)**

## Rollbar™ Spectacle APEL Unit Issue Kit



Black Frame w/ Clear & Smoke Gray Lenses & MOLLE Compatible Case  
 Model #: EE9018-01  
 U.S. NSN #: 4240-01-630-8249

## CrossBlade™ Eyeshield APEL Unit Issue Kit



Black Frame w/ Standard Clear & Smoke Gray lenses, Standard UPLC Nosepiece & MOLLE Compatible Case  
 Model #: EE9032-12  
 U.S. NSN #: 4240-01-678-7124

## CrossBlade™ NARO Eyeshield APEL Unit Issue Kit



Black Frame w/ NARO Clear & Smoke Gray lenses, NARO UPLC Nosepiece & MOLLE Compatible Case  
 Model #: EE9034-05  
 U.S. NSN #: 4240-01-678-7130

## CrossBlade™ Deluxe Eyeshield APEL Unit Issue Kit



Black CrossBlade Frame, Standard Clear & Smoke Gray lenses, NARO Clear & Smoke Gray lenses, UPLC Nosepiece & MOLLE Compatible Case  
 Model #: EE9032-10  
 U.S. NSN #: 4240-01-678-6068

## ROLLBAR™ SPECTACLES (UNIVERSAL FIT)

|  | MODEL#      | U.S. APEL NSN #  |
|--|-------------|------------------|
| Rollbar Replacement Lenses: Single-Pack Clear      | 740-0599    | 4240-01-632-5147 |
| Rollbar Replacement Lenses: Single-Pack Smoke Gray | 740-0600    | 4240-01-632-5164 |
| Rollbar Replacement Lenses: 10-Pack Clear          | 101-286-002 | 4240-01-632-5867 |
| Rollbar Replacement Lenses: 10-Pack Smoke Gray     | 101-286-001 | 4240-01-632-5874 |
| Rollbar Replacement Frame: Black                   | 600-915-002 | 4240-01-632-8150 |
| Rollbar Replacement Case                           | 200-236-001 | 4240-01-633-3547 |
| Microfiber Sunglass Bag                            | 740-0560    | 4240-01-633-3498 |

## CROSSBLADE™ SPECTACLES (MEDIUM/LARGE FIT)

|  |             |                  |
|--|-------------|------------------|
| CrossBlade Standard Replacement Lens: Single-Pack Clear      | 102-189-011 | 4240-01-679-3143 |
| CrossBlade Standard Replacement Lenses: 10-Pack Clear        | 102-189-012 | 4240-01-679-3166 |
| CrossBlade Standard Replacement Lens: Single-Pack Smoke Gray | 102-189-013 | 4240-01-679-3348 |
| CrossBlade Standard Replacement Lenses: 10-Pack Smoke Gray   | 102-189-014 | 4240-01-679-3179 |
| CrossBlade Standard Replacement Nosepiece: Black             | 100-690-003 | 4240-01-679-3172 |
| CrossBlade Standard UPLC-Compatible Nosepiece: Black         | 100-690-004 | 4240-01-679-3170 |
| CrossBlade Replacement Frame: Black                          | 102-333-003 | 4240-01-679-3168 |

## CROSSBLADE™ NARO SPECTACLES (MEDIUM/SMALL FIT)

|  |             |                  |
|--|-------------|------------------|
| CrossBlade NARO Replacement Lens: Single-Pack Clear      | 102-190-011 | 4240-01-679-3177 |
| CrossBlade NARO Replacement Lenses: 10-Pack Clear        | 102-190-012 | 4240-01-679-3339 |
| CrossBlade NARO Replacement Lens: Single-Pack Smoke Gray | 102-190-013 | 4240-01-679-3158 |
| CrossBlade NARO Replacement Lenses: 10-Pack Smoke Gray   | 102-190-014 | 4240-01-679-3181 |
| CrossBlade NARO Replacement Nosepiece: Black             | 100-690-005 | 4240-01-679-3340 |
| CrossBlade NARO UPLC-Compatible Nosepiece: Black         | 100-690-006 | 4240-01-679-3186 |



# ESS U.S. APEL NSN LIST

All Products shown below are included on the U.S. Army APEL

**AUTHORIZED  
PROTECTIVE  
EYEWEAR  
LIST (APEL)**

## Crossbow® Eyeshield APEL Unit Issue Kit



Black Frame w/ Clear & Gray lenses, UPLC Nosepiece & MOLLE Compatible Case  
 Model #: 740-0607  
 U.S. NSN #: 4240-01-630-8327

## Influx™ Goggle APEL Unit Issue Kit



Tan 499 Goggle Frame w/ Clear & Gray Lenses, UPLC adapter, SpeedSleeve & Protective Soft Case  
 Model #: EE7018-04  
 U.S. NSN #: 4240-01-630-6343

## CROSSBOW® SPECTACLES (UNIVERSAL FIT)

|   | MODEL#   | U.S. APEL NSN #  |
|---|----------|------------------|
| Crossbow Replacement Lens: Single-Pack Clear      | 740-0486 | 4240-01-587-7512 |
| Crossbow Replacement Lens: Single-Pack Smoke Gray | 740-0487 | 4240-01-587-7516 |
| Crossbow Replacement Lenses: 10-Pack Clear        | 740-0421 | 4240-01-583-5748 |
| Crossbow Replacement Lenses: 10-Pack Smoke Gray   | 740-0420 | 4240-01-583-5786 |
| Crossbow Replacement Frame: Black                 | 740-0446 | 4240-01-583-5973 |
| Suppressor Thin-Stem Frame: Black                 | 740-0561 | 4240-01-679-3323 |
| Crossbow UPLC-Compatible Nosepiece                | 740-0596 | 4240-01-630-2574 |
| Crossbow Standard Nosepiece: Black                | 740-0473 | 6640-01-623-2666 |
| Crossbow MOLLE Compatible Replacement Case        | 740-0445 | 4240-01-583-5969 |
| Replacement Elastic Retention Strap, Single       | 740-0565 | 4240-01-623-2660 |
| Replacement Elastic Retention Strap, 25-pack      | 740-0254 | 4240-01-525-4777 |

## INFLUX™ SERIES GOGGLES (UNIVERSAL FIT)

|  |             |                  |
|--|-------------|------------------|
| Influx Series Replacement Lens: Single-Pack Clear      | 101-289-002 | 4240-01-632-5230 |
| Influx Series Replacement Lens: Single-Pack Smoke Gray | 101-289-001 | 4240-01-632-5237 |
| Influx Series Replacement Lenses: 10-Pack Clear        | 101-290-002 | 4240-01-632-6923 |
| Influx Series Replacement Lenses: 10-Pack Smoke Gray   | 101-290-001 | 4240-01-632-6927 |
| Influx Goggle UPLC Rx Adapter                          | 100-947-001 | 4240-01-633-4301 |
| Influx Goggle Replacement Frame: Tan 499               | 101-301-001 | 4240-01-632-8181 |
| Influx Goggle Replacement Strap: Tan 499               | 101-311-001 | 4240-01-633-4340 |
| Influx Goggle Replacement SpeedSleeve : Tan 499        | 101-310-001 | 4240-01-633-3513 |
| Goggle Replacement Bag Tan 499                         | 101-312-001 | 4240-01-633-0955 |
| Anti-fog solution, Single                              | 101-314-001 | 4240-01-633-0950 |
| ClearZone Anti-Fog Wipes: 25-Pack                      | 740-0209    | 4240-01-525-5107 |

## ESS - U.S. MILITARY REGIONAL DIRECTORS



|                               |  |
|-------------------------------|--|
| <b>COL (R) Jack Carpenter</b> | ESS National Guard & Reserve Director        |
| <b>CSM (R) Mike Turner</b>    | ESS Western Regional Military Director       |
| <b>CSM (R) Bernie Knight</b>  | ESS Eastern Regional Military Director       |
| <b>CSM (R) Brunk Conley</b>   | ESS National Guard & Reserve Deputy Director |

# ESS U.S./NATO NSN LIST



| CROSSBOW® SPECTACLES (UNIVERSAL FIT)                           | MODEL #  | NSN #            |
|--|----------|------------------|
| ● Crossbow 2LS: Clear, Smoke Gray Lenses & Case                | 740-0390 | 4240-01-583-9497 |
| ● Crossbow 3LS: Clear, Smoke Gray, Hi-Def Yellow Lenses & Case | 740-0387 | 8465-01-583-9799 |
| ● Crossbow Replacement Lenses: 10-Pack Clear                   | 740-0421 | 4240-01-583-5748 |
| ● Crossbow Replacement Lenses: 10-Pack Smoke Gray              | 740-0420 | 4240-01-583-5786 |
| ● Crossbow Replacement Lens: Single-Pack Hi-Def Yellow         | 740-0423 | 4240-01-610-5884 |
| ● Crossbow Replacement Lens: Single-Pack Hi-Def Bronze         | 740-0509 | 4240-01-610-5886 |
| ● Crossbow Rigid MOLLE Replacement Case: Black                 | 740-0445 | 4240-01-583-5969 |
| ● Crossbow Replacement Frame: Black                            | 740-0446 | 4240-01-583-5973 |

## SUPPRESSOR™ SPECTACLES

|   |          |                  |
|---|----------|------------------|
| ● Crossbow Suppressor 2X: 1 Suppressor, 1 Crossbow & Case | 740-0451 | 4240-01-594-0564 |
|---|----------|------------------|

## CROSSHAIR™ SPECTACLES (UNIVERSAL FIT)

|  |             |                  |
|--|-------------|------------------|
| ● Crosshair Unit Issue Kit: w/ Clear, Smoke Gray lenses, & Case          | EE9014-11   | 4240-01-630-6352 |
| ● Crosshair 2LS: Black w/ Clear, Smoke Gray Lenses & Case                | EE9014-04   | 6930-01-594-0575 |
| ● Crosshair 3LS: Black w/ Clear, Smoke Gray, Hi-Def Yellow Lenses & Case | EE9014-05   | 6930-01-594-0570 |
| ● Crosshair Replacement Lens: Single-Pack Clear                          | 740-0479    | 4240-01-632-5140 |
| ● Crosshair Replacement Lenses: 10-Pack Clear                            | 740-0482    | 4240-01-632-5857 |
| ● Crosshair Replacement Lens: Single-Pack Smoke Gray                     | 740-0480    | 4240-01-632-5144 |
| ● Crosshair Replacement Lenses: 10-Pack Smoke Gray                       | 740-0483    | 4240-01-632-5864 |
| ● Crosshair Replacement Frame: Black                                     | 600-791-002 | 4240-01-632-5130 |
| ● Crosshair Replacement Nosepiece  | 101-307-001 | 4240-01-633-4210 |
| ● Crosshair MOLLE Replacement Case                                       | 101-295-001 | 4240-01-633-3562 |

## ESS BALLISTIC SUNGLASSES

|  |          |                  |
|--|----------|------------------|
| ● CDI Sunglasses: Clear, Smoke Gray Lenses & Case: Black     | 740-0296 | 4240-01-545-7925 |
| ● CDI MAX Sunglasses: Clear, Smoke Gray Lenses & Case: Black | 740-0297 | 8465-01-583-9788 |

| ICE™ SPECTACLES (REGULAR SIZE)                            | MODEL #  | NSN #            |
|---|----------|------------------|
| ● ICE-2X: 2 Frames w/ Clear, Smoke Gray Lenses & Case     | 740-0004 | 4240-01-554-5699 |
| ● ICE-2LS: Clear, Smoke Gray Lenses & Case                | 740-0015 | 4240-01-573-1934 |
| ● ICE-2: Clear, Smoke Gray Lenses & Case                  | 740-0010 | 4240-01-525-5085 |
| ● ICE-3LS: Clear, Smoke Gray, Hi-Def Yellow Lenses & Case | 740-0019 | 4240-01-545-7922 |
| ● ICE Replacement Lenses: 50-Pack Clear                   | 740-0072 | 4240-01-525-4819 |
| ● ICE Replacement Lenses: 50-Pack Smoke Gray              | 740-0087 | 4240-01-525-5098 |
| ● ICE Replacement Frame & Nosepiece Kit: Black            | 740-0082 | 4240-01-525-5095 |

## ICE™ NARO SPECTACLES (SMALL SIZE)

|  |          |                  |
|--|----------|------------------|
| ● ICE-2X NARO: 2 Frames w/ Clear, Smoke Gray Lenses & Case     | 740-0002 | 4240-01-554-5696 |
| ● ICE-2 NARO: Clear, Smoke Gray Lenses & Case                  | 740-0008 | 4240-01-537-6143 |
| ● ICE-3LS NARO: Clear, Smoke Gray, Hi-Def Yellow Lenses & Case | 740-0017 | 4240-01-545-7923 |
| ● ICE NARO Replacement Lenses: 50-Pack Clear                   | 740-0075 | 4240-01-549-0863 |
| ● ICE NARO Replacement Lenses: 50-Pack Smoke Gray              | 740-0076 | 4240-01-549-0876 |
| ● Replacement Semi-Rigid Case (For ICE Series): Black          | 740-0081 | 4240-01-518-9838 |
| ● ICE NARO Replacement Frame & Nosepiece Kit: Black            | 740-0083 | 4240-01-549-0934 |

## RX INSERTS & OTHER ACCESSORIES

|  |          |                  |
|--|----------|------------------|
| ● U-Rx Insert (For Profile, Crossbow, ICE & ICE NARO): Nylon Frame     | 740-0411 | 6540-01-584-0170 |
| ● U-Rx Insert (For Profile, Crossbow, ICE & ICE NARO): 25-Pack         | 740-0444 | 6540-01-584-0176 |
| ● P-2B Rx Insert (For Profile, Crossbow, ICE & ICE NARO): Nylon Frame  | 740-0310 | 6540-01-525-4784 |
| ● Vice Rx Insert (For Advancer, Cross-Series & ICE Series): Wire Frame | 740-0308 | 6540-01-545-7927 |
| ● Replacement Elastic Straps (For Cross-Series, ICE Series): 25-Pack   | 740-0254 | 4240-01-525-4777 |
| ● Replacement Semi-Rigid Case (For ICE & ICE NARO): Black              | 740-0081 | 4240-01-518-9838 |
| ● ClearZone Anti-Fog Wipes: 25-Pack                                    | 740-0209 | 4240-01-525-5107 |

# ESS U.S./NATO NSN LIST



| PROFILE™ SERIES GOGGLES (UNIVERSAL FIT)                           | MODEL #     | NSN #            |
|---|-------------|------------------|
| ● Profile NVG Goggle w/ UPLC adapter, SpeedSleeve & Case: Tan 499 | 740-0609    | 4240-01-630-7259 |
| ● Profile NVG Goggle w/ MultiCam SpeedSleeve : OCP                | 740-0496    | 4240-01-604-2788 |
| ● Profile NVG Goggle w/ SpeedSleeve & Case: Foliage Green         | 740-0129    | 4240-01-540-5585 |
| ● Profile NVG Goggle w/ SpeedSleeve & Case: Black                 | 740-0124    | 4240-01-504-6222 |
| ● Flight Pro Goggle: Gray   | 740-0410    | 1680-01-602-5906 |
| ● Profile NVG Replacement Lens: Single-Pack Clear                 | 740-0113    | 4240-01-587-8420 |
| ● Profile NVG Replacement Lens: Single-Pack Smoke Gray            | 740-0119    | 4240-01-587-7640 |
| ● Profile NVG Replacement Lens: 10-Pack Clear                     | 101-288-002 | 4240-01-632-6907 |
| ● Profile NVG Replacement Lens: 10-Pack Smoke Gray                | 101-288-001 | 4240-01-632-6914 |
| ● Profile NVG Replacement Frame w/ MultiCam SpeedSleeve: OCP      | 740-0534    | 4240-01-604-2791 |
| ● Profile NVG Replacement Frame: Tan 499                          | 600-520-002 | 4240-01-641-7798 |
| ● Profile NVG Replacement Frame: Foliage Green                    | 740-0464    | 4240-01-587-7565 |
| ● Profile NVG Replacement Frame: Black                            | 740-0465    | 4240-01-587-7520 |
| ● Profile NVG Tan 499 Replacement Strap                           | 101-308-001 | 4240-01-633-4339 |
| ● Profile NVG Tan 499 Replacement AR Sleeve                       | 101-309-001 | 4240-01-633-3504 |
| ● Profile NVG w/ SpeedSleeve & Case: Foliage Green                | 740-0401    | 4240-01-573-1926 |
| ● Profile NVG w/ SpeedSleeve & Case: Black                        | 740-0404    | 4240-01-573-1936 |
| ● Profile NVG w/ SpeedSleeve & Case: Black w/ 3 Lenses            | 740-0397    | 8465-01-576-7741 |
| ● Asian-Fit Profile NVG w/ SpeedSleeve & Case: Black              | 740-0123    | 8465-01-588-5803 |
| ● Profile TurboFan Goggle w/ SpeedSleeve & Case: Black            | 740-0131    | 4240-01-546-0323 |
| ● Profile Series Replacement Lenses: 50-Pack Clear                | 740-0114    | 4240-01-504-5641 |
| ● Profile Series Replacement Lenses: 50-Pack Smoke Gray           | 740-0120    | 4240-01-504-6143 |

| STRIKER™ SERIES GOGGLES (UNIVERSAL FIT)                | MODEL #     | NSN #            |
|--|-------------|------------------|
| ● Land Ops Goggle w/ SpeedSleeve & Case: Tan 499       | 740-0206    | 4240-01-540-5580 |
| ● Land Ops Goggle w/ SpeedSleeve & Case: Foliage Green | 740-0202    | 4240-01-540-5576 |
| ● Vehicle Ops Goggle w/ SpeedSleeve & Case: Black      | 740-0248    | 4240-01-525-5101 |
| ● Flight Deck Goggle: Gray                             | 740-0197    | 4240-01-492-5720 |
| ● Land Ops Replacement Lens: Single-Pack Clear         | 740-0192    | 4240-01-632-5238 |
| ● Land Ops Replacement Lens: Single-Pack Smoke Gray    | 740-0227    | 4240-01-632-5240 |
| ● Land Ops Replacement Lens: 10-Pack Clear             | 101-287-002 | 4240-01-632-6934 |
| ● Land Ops Replacement Lens: 10-Pack Smoke Gray        | 101-287-001 | 4240-01-632-6936 |
| ● Striker Series Replacement Lens: 50-Pack Smoke Gray  | 740-0226    | 4240-01-492-5725 |
| ● Striker Series Replacement Lens: 50-Pack Clear       | 740-0191    | 4240-01-492-5722 |
| ● Land Ops Replacement Frame w/ Speed Sleeve Tan 499   | 740-0467    | 4240-01-633-3347 |
| ● Land Ops Goggle w/ SpeedSleeve & Case: Foliage Green | 740-0402    | 4240-01-573-1930 |
| ● Vehicle Ops Goggle w/ SpeedSleeve & Case: Black      | 740-0403    | 4240-01-573-1931 |

🇺🇸 This symbol indicates products available for U.S. and foreign procurement.

● This symbol indicates products available available on NSPA NLSE.

# PRODUCT TESTIMONIAL

BUILT FOR BATTLE. TOUGH FOR LIFE.



PSG Kelly Rogne  
Rifle Platoon Sergeant

"Dear ESS,

As a Rifle Platoon Sergeant in Southern Afghanistan, I harped on wearing all Personal Protective Equipment (PPE) while on patrol. My entire platoon was equipped with one of your latest products: the ESS Crossbow. I had no idea this emphasis on PPE would save my vision, and the vision of several of my Soldiers.

While conducting dismantled offensive operations my platoon took several casualties as a result of an IED blast. My Weapons Squad Leader received shrapnel wounds to his face, in all areas except those protected by his ESS glasses.

Undoubtedly his vision was saved by your clearly superior product. Additionally, later in my deployment, I was walking in the lead of our formation, clearing our route to our objective. While kneeling and investigating a possible IED location, the IED was triggered, and sent the majority of the blast towards my torso and head.

Despite the relative proximity to the blast I only received minor facial wounds. I owe my eyesight to your product, as the ESS Crossbows I wore took the majority of sand, shrapnel, and debris. Thank you for protecting my platoon and I, and all other warfighters serving our country."

— PSG Kelly Rogne



## CONCERNS OF POLICE SURVIVORS (C.O.P.S.)



is governed by a National Board of law enforcement survivors. All programs and services are administered by the National Office in Camdenton, Missouri.

Each year, between 140 and 160 officers are killed in the line of duty and their families and coworkers are left to cope with the tragic loss. C.O.P.S. provides resources to help them rebuild their shattered lives. There is no membership fee to join C.O.P.S., for the price paid is already too high. C.O.P.S.

## HIGHER GROUND



programs in the country by the Department of Defense, military medical centers, and veteran service organizations. We serve military personnel and veterans with Traumatic Brain Injuries (TBIs), Post Traumatic Stress (PTS) and other polytrauma.

HG Military uses therapeutic recreation to facilitate a change in perspective, giving injured service members the physical skills, confidence, and coping strategies necessary for a successful reintegration into their families and home communities. HG is recognized as one of the premier rehabilitation

## NATIONAL FALLEN FIREFIGHTERS FOUNDATION



and to provide resources to assist their survivors in rebuilding their lives and work within the fire service community to reduce firefighter deaths and injuries.

Congress created the National Fallen Firefighters Foundation to lead a nationwide effort to honor America's fallen firefighters. Since 1992, the non-profit Foundation has developed and expanded programs that fulfill that mandate. Our mission is to honor and remember America's fallen fire heroes