



ESS (Eye Safety Systems)  
314 S. River Street #301 • Hailey, ID 83333 USA  
877.726.4072 • [ess@esseyepro.com](mailto:ess@esseyepro.com) • [www.esseyepro.com](http://www.esseyepro.com)

ESS Eye Safety Systems

[www.esseyepro.com](http://www.esseyepro.com)







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

Photo courtesy U.S. DoD.

**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.

For details visit, [www.esseyepro.com/contingency](http://www.esseyepro.com/contingency)

- 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**

© 2020 ESS, a Subsidiary of Oakley, Inc. All Rights Reserved. 04/20 v.2.0  
These products may be covered by one or more U.S. Patents, as found on [www.esseyepro.com/patents](http://www.esseyepro.com/patents).  
Front and Back Cover photos courtesy U.S. DoD.

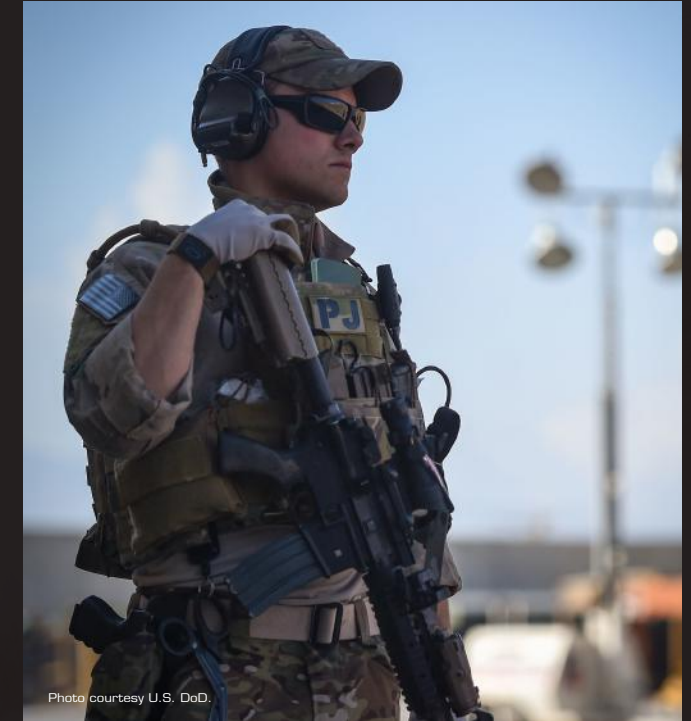


Photo courtesy U.S. DoD.

SUNGLASSES

EYESHIELDS

MILITARY GOGGLES

FIRE GOGGLES



# IMPACT SPECIFICATIONS



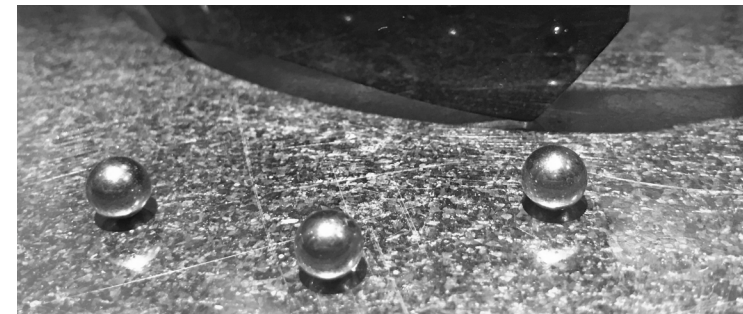
## HIGH VELOCITY IMPACT

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?  
 SEE THE VIDEO AT THE ESS YOUTUBE CHANNEL: [www.youtube.com/esseyepro](http://www.youtube.com/esseyepro)**

**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.**



NON-ESS ANSI EYE PRO

ANSI Z87.1+ eyewear  
647 Feet Per Second



NON-ESS ANSI EYE PRO

ANSI Z87.1+ eyewear  
647 Feet Per Second



NON-ESS ANSI EYE PRO

ANSI Z87.1+ eyewear  
647 Feet Per Second



MIL-SPEC TESTING RANGE



ESS CROSSBOW EYESHIELD

ESS Crossbow  
U.S. MIL SPEC Rated  
722 Feet Per Second



ESS CROSSBOW EYESHIELD

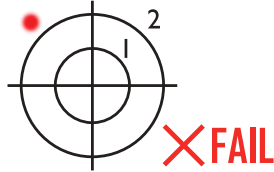
# ESS OPTICAL CLARITY

## ESS SURPASSES ANSI STANDARDS FOR OPTICS

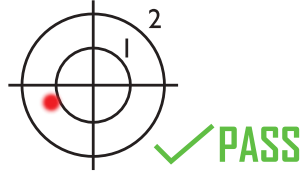
### PRISMATIC POWER ANSI Z87.1 OPTICS TEST #9.5

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.

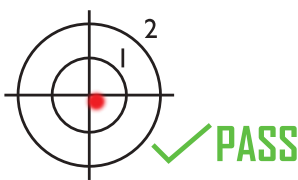
#### NON-COMPLIANT OPTICS



#### ANSI Z87.1 STANDARD



#### ESS STANDARD

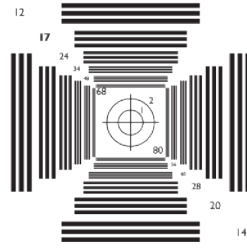


A laser fixture is set up 30 feet from the NBS target and is fired through each lens at the target. The better the optics, the less bending of the laser beam is observed; a lens without induced prism will allow the laser's path to continue directly at the center of the NBS target. Bear in mind when viewing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

# 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		



# 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

ESS RX FILLING SERVICE is available at [www.esseyepro.com/rx](http://www.esseyepro.com/rx)

## ESS PRESCRIPTION EYEWEAR COMPATIBILITY MATRIX

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

\*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.

# 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 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



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



For Customer Service inquiries, please contact ESS at [ess@esseyepro.com](mailto:ess@esseyepro.com) or visit [www.esseyepro.com](http://www.esseyepro.com)

# 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	<a href="mailto:jack@esseyepro.com">jack@esseyepro.com</a>
<b>CSM (R) Mike Turner</b>	ESS Western Regional Military Director	<a href="mailto:mt@esseyepro.com">mt@esseyepro.com</a>
<b>CSM (R) Bernie Knight</b>	ESS Eastern Regional Military Director	<a href="mailto:bknight@esseyepro.com">bknight@esseyepro.com</a>
<b>CSM (R) Brunk Conley</b>	ESS National Guard & Reserve Deputy Director	<a href="mailto:brunk.conley@esseyepro.com">brunk.conley@esseyepro.com</a>

# 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

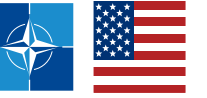
## ICE™ NARO SPECTACLES (SMALL SIZE)

● 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 dismounted 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



# ESS GIVES BACK

available exclusively at: [www.esseyepro.com/ess-gives-back](http://www.esseyepro.com/ess-gives-back)

ESS IS PROUD TO DONATE 25% OF SALES  
FROM THIS LIMITED EDITION SUNGLASS SERIES TO CHARITY.

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



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. is governed by a National Board of law enforcement survivors. All programs and services are administered by the National Office in Camdenton, Missouri. C.O.P.S. has over 50 Chapters nationwide that work with survivors at the grass-roots level. [www.nationalcops.org](http://www.nationalcops.org)

## HIGHER GROUND



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 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. [www.highergroundsv.org/military-programs](http://www.highergroundsv.org/military-programs)

## NATIONAL FALLEN FIREFIGHTERS FOUNDATION



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 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. [www.firehero.org](http://www.firehero.org)