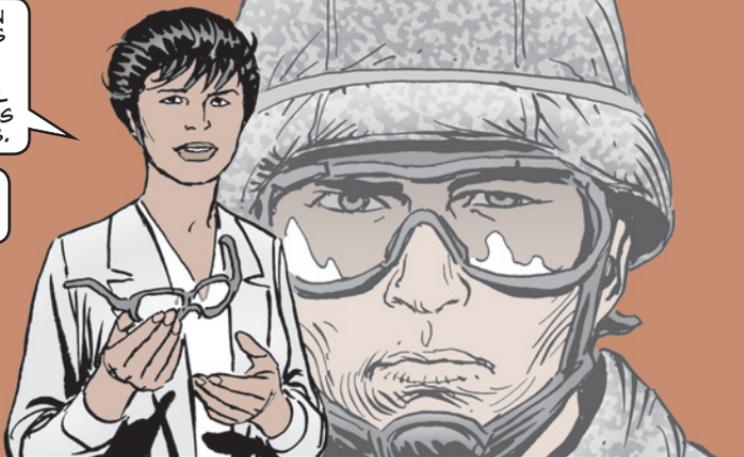


# THE LATEST VIEW

FROM THE WAR ON  
TERRORISM COMES  
ANOTHER GRIM  
STATISTIC:  
10 PERCENT OF ALL  
WOUNDED SOLDIERS  
HAVE EYE INJURIES.

FACT IS, *COMBAT  
CAN COST YOU  
YOUR SIGHT.*

THAT'S A  
POWERFUL  
ARGUMENT  
FOR WEARING  
COMBAT EYE-  
WEAR DURING  
MISSIONS AND  
TRAINING.



In addition to the old standards—the sun, wind and dust goggles (SWDG), the ballistic/laser protective spectacles (BLPS) and the special protective eyewear cylindrical system (SPECS)—the Army has tested and approved several new commercial versions. The new ones make up the authorized protective eyewear list (APEL).

**The only Army-approved combat eyewear are the SWDG, BLPS, SPECS and the products found on the APEL.**

Sure, you can buy all kinds of eyewear in stores and online. Some even have NSNs. But just because a product carries an NSN doesn't make it safe to use. Unapproved eyewear does not offer the degree of protection combat soldiers need. So don't risk your sight. Use only the SWDG, BLPS, SPECS or the products found on the APEL. All APEL eyewear carry a green APEL label.

All the combat eyewear offers ballistic fragmentation and ultraviolet protection. Most individual products have interchangeable lenses. Only clear and gray/smoke sunglass lenses are authorized. Other lens tints, such as yellow, orange, rust and those known as “blue blockers”, are not authorized. They make it hard to recognize certain colors. The only exceptions are the green or brown laser-protective lenses that fit the SWDG, BLPS and SPECS.

## Laser in the Eye

The commercial products on the APEL DO NOT provide laser eye protection. If you need to protect your eyes from lasers, wear the SPECS, BLPS or SWDG—and order the appropriate laser-protective lenses.

PS MORE

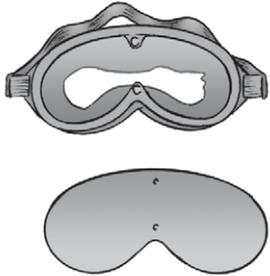
HERE'S A RUNDOWN OF ALL COMBAT EYEWEAR AND REPLACEMENT PARTS AUTHORIZED FOR ARMY USE, STARTING WITH...



## THE OLD VETERANS

### Sun, Wind and Dust Goggles

Sun, wind and dust goggles (SWDG) are worn both by soldiers who need prescription eyeglasses and by those who don't. If you wear eyeglasses, the SWDGs fit over them. The laser-protective lenses also provide ballistic fragmentation protection. One size fits all.



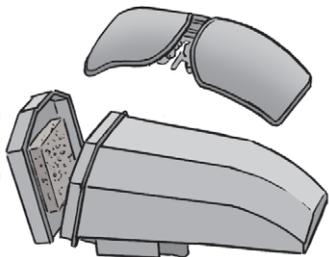
Item	NSN 8465-01-
SWDG Kit with Type 3 clear lens and Type 4 gray lens. Includes frame, head strap and case.	328-8268
Type 5 green lens, 2 wavelength (WL) laser protection	439-3506
Type 6 brown lens, 3 wavelength (WL) laser protection	439-3511
Type 3 clear lens	109-3997
Type 4 gray lens	109-3996

### Ballistic/Laser Protective Spectacles

Ballistic/laser protective spectacles (BLPS) are primarily for soldiers who wear prescription eyeglasses. BLPS have an optional prescription lens carrier (PLC) to hold your prescription lenses. The PLC fits behind the protective lens.

You can also wear the BLPS PLC with the M40A1 mask by using an adapter, NSN 4240-01-389-7152. It's available through your optometry clinic.

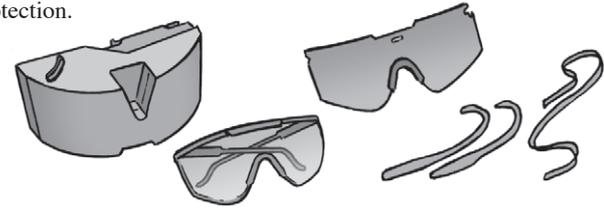
BLPS are available in four kinds of lenses: clear, gray (sunglass), and 2 wavelength (WL) and 3 wavelength (WL) laser protection. Each comes in its own frame, with a head strap and a carrying case. The laser-protective lenses also provide ballistic fragmentation protection. One size fits all.



Item	NSN
BLPS, clear lens	8465-01-416-4636
BLPS, gray lens	8465-01-417-4004
BLPS, 2 WL laser protection	8465-01-416-3207
BLPS, 3 WL laser protection	8465-01-416-3210
Case	8465-01-417-9963
Head strap	8465-01-416-4637
Prescription lens carrier	6540-01-264-1348

### Special Protective Eyewear Cylindrical System

If you don't need to wear prescription eyeglasses, try the special protective eyewear cylindrical system (SPECS). SPECS comes in two sizes: regular and large. Regular fits most soldiers. The laser-protective lenses also provide ballistic fragmentation protection.



Item	Size	NSN 8465-01-416-
SPECS Kit. Includes clear and gray lenses, frame, head strap and case.	Regular	4626
SPECS Kit. Includes clear and gray lenses, frame, head strap and case.	Large	4629
SPECS, 2 WL laser protection. Includes lens and frame.	Regular	4634
SPECS, 2 WL laser protection. Includes lens and frame.	Large	4632
SPECS, 3 WL laser protection. Includes lens and frame.	Regular	4635
SPECS, 3 WL laser protection. Includes lens and frame.	Large	8516
SPECS, clear. Includes lens and frame.	Regular	4628
SPECS, clear. Includes lens and frame.	Large	4631
SPECS, gray. Includes lens and frame.	Regular	4630
SPECS, gray. Includes lens and frame.	Large	4633
Case	-----	4627
Head strap	-----	4637



# A CLOSER LOOK AT THE APEL

THE COMBAT EYEWEAR FOUND ON THE APEL ARE COMMERCIAL SUBSTITUTES FOR THE NON-LASER SWDG, BLPS AND SPECS.

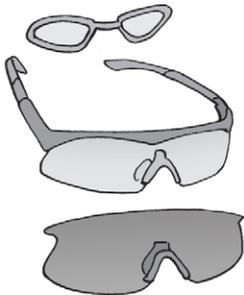
THEY ALL PROVIDE BALLISTIC FRAGMENTATION PROTECTION, BUT **NONE OF THEM PROTECTS YOUR EYES FROM LASERS.**



**AUTHORIZED PROTECTIVE EYEWEAR LIST (APEL) APPROVED**

HERE'S A CLOSER LOOK AT EACH OF THE NEW COMBAT EYEWEAR, ALONG WITH REPLACEMENT PARTS...

## Uvex XC Spectacles



Revision Sawfly USA Military Eyewear

## Eye Safety Systems Interchangeable Component Eyeshield



Uvex XC spectacles can be worn both by soldiers who need prescription eyeglasses and by those who don't. An optional PLC for prescription lenses is available. The wrap-around frame and lens protect the eyes and allow greater peripheral vision. The spectacles come in a one-size-fits-all frame.

## Uvex XC Spectacles

Item	NSN
Uvex XC Spectacle Kit. Includes clear and gray lenses, frame, head strap, case and cleaning cloth.	4240-01-516-5361
Clear lens (pack of 10)	4240-01-516-3469
Gray lens (pack of 10)	4240-01-516-3473
Uvex XC Spectacles. Includes clear lens and frame.	4240-01-516-3460
Uvex XC Spectacles. Includes gray lens and frame.	4240-01-516-3452
Case	4240-01-516-3444
Prescription lens carrier	6540-01-516-5342

## Revision Sawfly USA Military Eyewear

Revision Sawfly USA Military eyewear can be worn both by soldiers who need prescription eyeglasses and by those who don't. They come in two sizes: regular and large. An optional PLC that holds prescription lenses fits both sizes. The eyewear have adjustable temples and a head strap.

Item	Size	NSN
Revision Sawfly USA Military Kit. Includes clear and sunglass lenses, head strap, frame, case and micro-fiber storage/cleaning mitt.	Regular	4240-01-527-4051
Revision Sawfly USA Military Kit. Includes clear and sunglass lenses, head strap, frame, case and micro-fiber storage/cleaning mitt.	Large	4240-01-527-4018
Clear lens with nosepiece (pack of 10)	Regular	4240-01-527-4052
Clear lens with nosepiece (pack of 10)	Large	4240-01-527-4061
Sunglass lens with nosepiece (pack of 10)	Regular	4240-01-527-4053
Sunglass lens with nosepiece (pack of 10)	Large	4240-01-527-4063
Head strap (pack of 10)	---	4240-01-527-4067
Prescription lens carrier with goggle connector (pack of 10)	---	6540-01-527-4056
Anti-fog, anti-static lens cleaning spray (pack of 10)	---	4240-01-527-4068

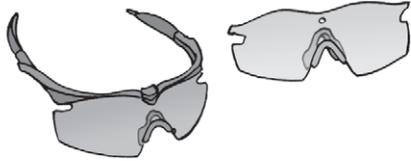
## Eye Safety Systems Interchangeable Component Eyeshield

Eye Safety Systems (ESS) Interchangeable Component Eyeshield (ICE) comes in two sizes: ESS ICE 2 is the regular size; ESS ICE NARO is the small size. An optional PLC that holds prescription lenses fits both sizes. This eyewear can be worn both by soldiers who need prescription eyeglasses and by those who don't. The eyewear also have adjustable temples and a head strap.

Item	NSN
ESS ICE 2 Kit. Includes clear and gray lenses, fog-repellent cloth, head strap and micro-fiber case.	4240-01-525-5085
ESS ICE NARO Kit. Includes clear and gray lenses, fog-repellent cloth, head strap and micro-fiber case.	4240-01-537-6143
ESS ICE 2 clear lens (pack of 50)	4240-01-525-4819
ESS ICE 2 gray lens (pack of 50)	4240-01-525-5098
ESS ICE 2 frame. Includes temples, nosepiece and head strap.	4240-01-525-5095
ESS ICE NARO clear lens (pack of 50)	4240-01-549-0863
ESS ICE NARO gray lens (pack of 50)	4240-01-549-0876
ESS ICE NARO frame. Includes temples, nosepiece and head strap.	4240-01-549-0934
Micro-fiber case	4240-01-518-9838
Fog-repellent cloth (pack of 24)	4240-01-525-5107
Head strap (pack of 24)	4240-01-525-4777
Prescription lens carrier	6540-01-525-4784

### Oakley M Frame 2.0

Only soldiers who do not need to wear prescription eyeglasses should order the Oakley M Frame 2.0. A wrap-around frame and lens provide added protection. One size fits all.



Item	NSN 4240-01-525-
Oakley M Frame 2.0 Kit. Includes clear and gray lenses, frame and case.	3095
Clear lens	7555
Gray lens	7554
Case	7561
Storage/cleaning bag (pack of 5)	3109



Uvex Genesis Spectacles

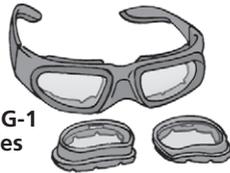
ESS Land Operations Goggles



Wiley-X PT-1 Spectacles



Wiley-X SG-1 Spectacles



### Uvex Genesis Spectacles

Uvex Genesis spectacles can be worn by soldiers who need prescription eyeglasses and by those who don't. An optional PLC for prescription lenses is available. It's the same one used for the Uvex XC spectacles. The wrap-around frame and lens protect the eyes and provide greater peripheral vision. The spectacles come in a one-size-fits-all frame. The Uvex Genesis fits smaller faces better than the Uvex XC.

Item	NSN
Uvex Genesis Spectacle Kit. Includes clear and gray lenses, frame, head strap, case and cleaning cloth.	4240-01-552-4131
Uvex Genesis Spectacle Clear Assembly. Includes frame and clear lens.	4240-01-552-4142
Uvex Genesis Spectacle Gray Assembly. Includes frame and gray lens.	4240-01-552-4148
Clear lens (pack of 10)	4240-01-552-4178
Gray lens (pack of 10)	4240-01-552-4181
Carrying case	4240-01-516-3444
Prescription lens carrier	6540-01-516-5342

### Wiley-X PT-1 Spectacles

Wiley-X PT-1 spectacles should be worn only by soldiers who don't need to wear eyeglasses. A wrap-around frame and lens protect the entire eye socket. The frame comes with an adjustable rubber nose piece. One size fits all.

Item	NSN 4240-01-
Wiley X PT-1 Spectacles Kit. Includes clear and gray lenses, frame, head strap and case.	510-7853
Wiley X PT-1 Single Lens System. Includes frame and clear lens.	510-7848
Wiley X PT-1 Single Lens System. Includes frame and gray lens.	510-7847
Clear lens (pack of 50)	528-5900
Gray lens (pack of 50)	528-5901
Case	528-5902

### Wiley-X SG-1 Spectacles

Only soldiers who don't need eyeglasses should wear these spectacles. A foam seal around each eye prevents dust and wind from getting in. You can detach the temples and replace them with an elastic head strap. One size fits all.

Item	NSN 4240-01-504-
Wiley-X SG-1 Spectacle Kit. Includes clear and green smoke lenses, frame, head strap, temples and case.	0994
Clear lenses	5326
Green smoke lenses	5312
Temples	6474
Head strap	5754
Frame. Includes temples and head strap.	6524
Case	5797

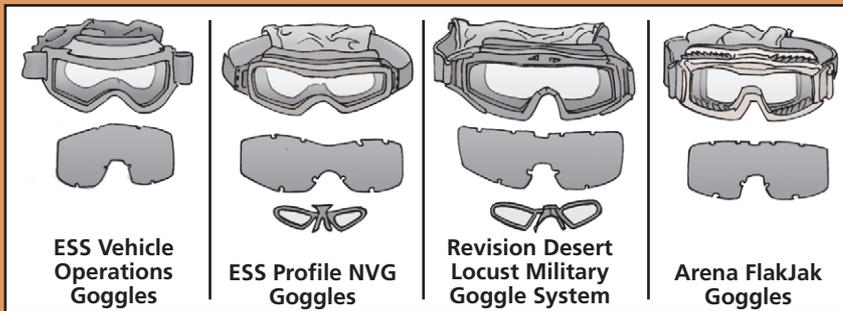
### ESS Land Operations Goggles

These goggles can be worn both by soldiers who need prescription eyeglasses and by those who don't. The ESS land operations goggles will fit over most eyeglasses.

Foam backing on the rubber frame helps the goggles fit snugly against your face. Foam-covered vent holes allow ventilation while keeping dust out. The kit comes with an anti-reflective sleeve that reduces glint when the goggles are not in use. One size fits all.

Item	NSN 4240-01-
Land Operations Goggles Kit (foliage green). Includes clear and gray lenses, frame, strap and case.	540-5576
Land Operations Goggles Kit (desert tan). Includes clear and gray lenses, frame, strap and case.	540-5580
Smoke gray lens (pack of 50)	492-5725
Clear lens (pack of 50)	492-5722





**ESS Vehicle Operations Goggles**

**ESS Profile NVG Goggles**

**Revision Desert Locust Military Goggle System**

**Arena FlakJak Goggles**

### ESS Vehicle Operations Goggles

These goggles can be worn both by soldiers who need prescription eyeglasses and by those who don't. The ESS Vehicle Operations goggles will fit over most eyeglasses.

The goggles protect soldiers against high wind and dust while operating vehicles. The kit comes with an anti-reflective sleeve that reduces glint when the goggles are not in use.

One size fits all.

Item	NSN 4240-01-
Vehicle Operations Goggles Kit (black). Includes clear and gray lenses, frame, strap and case.	525-5101
Smoke gray lens (pack of 50)	492-5725
Clear lens (pack of 50)	492-5722

### ESS Profile NVG Goggles

These goggles can be worn both by soldiers who need prescription eyeglasses and by those who don't. An optional PLC for prescription lenses is available. It's the same one that fits the ESS ICE 2 and the ESS ICE NARO spectacles.

The rubber frame fits snugly against your face. Foam-covered vent holes allow ventilation while keeping dust out.

The kit comes with an anti-reflective sleeve that reduces glint when the goggles are not in use. You can order the kit in one of three frame colors: black, desert tan or foliage green. One size fits all.

Item	NSN
Profile NVG Goggles Kit (black). Includes clear and gray lenses, frame, head strap and case.	4240-01-504-6222
Profile NVG Goggles Kit (desert tan). Includes clear and gray lenses, frame, head strap and case.	4240-01-504-5727
Profile NVG Goggles Kit (foliage green). Includes clear and gray lenses, frame, head strap and case.	4240-01-540-5585
Smoke gray lens (pack of 50)	4240-01-504-6143
Clear lens (pack of 50)	4240-01-504-5641
Prescription lens carrier	6540-01-525-4784

### Revision Desert Locust Military Goggle System

Revision Desert Locust goggles can be worn both by soldiers who need prescription eyeglasses and by those who don't. An optional PLC for prescription lenses is available. It's the same one used for the Revision Sawfly USA Military Eyewear spectacles.

The kit comes with an anti-reflective sleeve that reduces glint when the goggles are not in use. A ventilated rubber frame aids in cooling. One size fits all.

Item	NSN
Revision Desert Locust Goggles Kit (foliage green). Includes clear and sunglass lenses, frame, head strap, case and micro-fiber cleaning mitt.	4240-01-547-6218
Revision Desert Locust Goggles Kit (black). Includes clear and sunglass lenses, frame, head strap, case and micro-fiber cleaning mitt.	4240-01-547-6227
Clear lens (pack of 10)	4240-01-547-6568
Sunglass lens (pack of 10)	4240-01-547-6567
Prescription lens carrier with goggle connector	6540-01-527-4056

### Arena FlakJak Goggles

Wear Arena FlakJak goggles only if you don't need to wear eyeglasses. The kit comes with a micro-fiber storage pouch and an anti-reflective sleeve that reduces glint when the goggles are not in use. A ventilated rubber frame aids in cooling. One size fits all.

Item	NSN 4240-01-
FlakJak Arena Goggles Kit (foliage green). Includes clear and smoke gray lenses, frame, head strap, storage pouch and cleaning cloth.	548-7366
FlakJak Arena Goggles Kit (tan). Includes clear and smoke gray lenses, frame, head strap, storage pouch and cleaning cloth.	527-4076
Clear lens (pack of 50)	527-4079
Smoke gray lens (pack of 50)	527-4082
Tan micro-fiber storage pouch	527-4078
Tan head strap	527-4085

Get prescription lenses for combat eyewear through your post optometry clinic or medical support personnel. They know about the new commercial products and issuing procedures.

For more information on APEL combat eyewear, visit these PEO Soldier web pages:

- <https://peosoldier.army.mil/pmseq/eyewearmessage.asp>
- <https://peosoldier.army.mil/pmseq/eyewear.asp>
- <https://peosoldier.army.mil/docs/EyewearAPELMemo.pdf>

