

RE[®]
RANGER

Serious Equipment™

The first choice for Serious Equipment

There is no greater objective for us than maximizing the ability of our products to allow users to achieve their goals.

At Randolph Engineering, all of our technologies, skills, resources, and critical thinking are dedicated to making our products the first choice of those who demand performance over passing fashion.

Our heritage, rooted in the performance demanded by military pilots who place their lives on the line with every mission, has now been extended to others whose vision takes them to new heights of personal performance. Whether it's the precise optic needs of competitive shooters, or reliable durability for outdoor enthusiasts – Randolph Engineering provides serious equipment, no matter the mission or adventure.

To be referred to as the first choice is not a casual award. It is the end-product of a well-considered process that has led to one product line being recognized above all others.

Randolph Engineering makes such products. They are serious equipment for those who see there clearly is a difference.

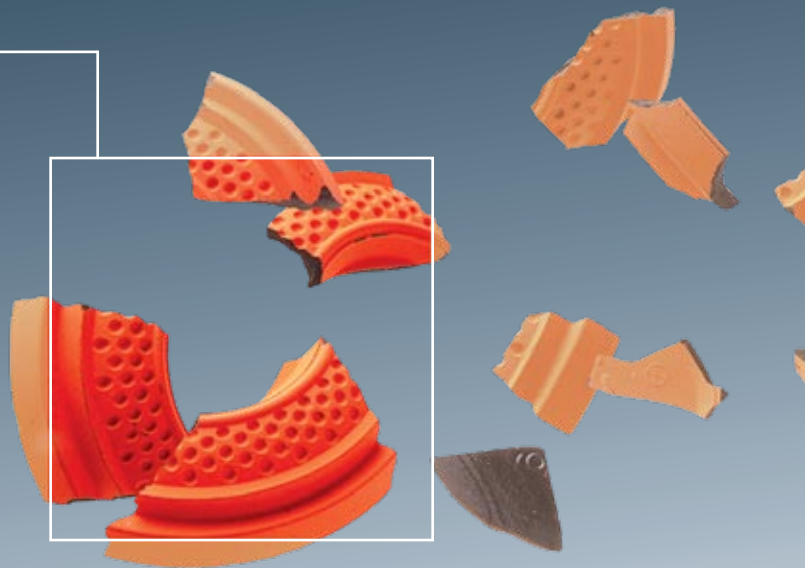


Kim Rhode, World-Class Gold Medalist

Serious Technology

ColorMag™ Lens Technology

When a split second counts, you want every possible edge. Change the way you see orange with ColorMag™ (CMT) lenses. See up to 250% more orange light than a standard lens without affecting other colors. This lens technology is available exclusively from Randolph Engineering.



ALLSport™ Polarized Lenses

Avid outdoor enthusiasts can now use one frame for everything under the sun. The new ALLSport™ Polarized Lens Series for the Ranger XLW™ will protect your eyes from impact, distracting glare, and much more while improving contrast and reducing eye fatigue. Can your sunglasses do that?



See page 8 for a complete list of lens tints and descriptions.

Visit randolphusa.com to learn more about us or locate an authorized dealer near you.

Ranger XLW™



Features

- adjustable nose bridge for a custom fit
- 8-base wrap frame
- interchangeable polycarbonate lenses
- offset nose pads to prevent fogging
- bayonet style temples
- optional Rx insert
- lifetime solder joint warranty
- made in USA

This is serious style for serious shooters. Designed from the ground up by our team of experienced optical engineers, the XLW™ is the industry's first 8-base wrap frame specifically made for sport shooting. While some wrap eyewear may distort your vision, the XLW lenses are always 100% distortion free. For an added edge, the optional military inspired bayonet temples are designed to fit comfortably under any headwear or ear protection.

Frame Options and Lens Tints

Eye Size	Frame Color	Temple
72mm	matte black	135mm cable 145mm cable 140mm bayonet

- Clear
- Pale Yellow
- Medium Yellow
- Orange
- Brown
- Vermilion
- Light Purple
- Dark Purple
- Blue
- ColorMag™ (CMT)
- Copper Polarized
- Moss Yellow Polarized
- Gray Polarized

Rx Insert

(sold separately for mild to moderate prescriptions)



See pages 7-8 for tint descriptions and to learn about our lens technology.

Ranger XL™



Features

- adjustable nose bridge for a custom fit
- offset nose pads to prevent fogging
- interchangeable polycarbonate lenses
- cable temples with comfort fit covers
- greater vertical coverage
- lifetime solder joint warranty
- made in USA

Extremely comfortable and functional, the XL™ is a favorite among the world's best skeet and trap shooters. For ideal visual clarity, the nose bridge adjusts to perfectly align the center of the lens to your pupil. The lens dimensions offer an unobstructed view, and the pliable cable temples have an extra layer of padding for long-lasting comfort and natural fit. Modeled after our original Ranger frame, the XL™ combines classic style with a customized fit.

Frame Options and Lens Tints

Eye Size	Frame Color	Temple
62mm	matte chrome	140mm cable
66mm	matte black	150mm cable
68mm		160mm cable
		140mm skull

- Clear
- Pale Yellow
- Medium Yellow
- Yellow
- Orange
- Sunset Orange
- Brown
- Ranger Bronze
- Vermilion
- Light Purple
- Dark Purple
- Gray
- Blue
- ColorMag™ (CMT)

A note for opticians:

This style is also available with straight eye prongs that can be bent to fit thicker prescription lenses. Call 800.541.1405 for more information.

See pages 7-8 for tint descriptions and to learn about our lens technology.

Ranger Classic



Features

- classic design
- comfort brow bar
- interchangeable polycarbonate lenses
- adjustable nose pad arms for additional comfort
- cable temples with comfort fit covers
- lightweight alloy frame
- lifetime solder joint warranty
- made in USA

As Randolph Engineering's first shooting frame, the Ranger set the standard for safety, comfort, and target enhancement. Its lightweight, high-tech alloy frame with dual-action spring temples is made for all-day comfort and maximum durability. For those who know the difference between superior performance and passing fashion, the Ranger continues to be the classic choice for shooting eyewear. A note for opticians: This style is also available with straight eye prongs that can be bent to fit thicker prescription lenses. Call 800.541.1405 for more information.

Frame Options and Lens Tints

Eye Size	Frame Color	Temple
66mm	matte black	150mm cable
68mm	gold	160mm cable
		140mm skull



Ranger lenses can withstand a 12-gauge shotgun blast from 10 meters (34 feet).

- Clear
- Pale Yellow
- Medium Yellow
- Yellow
- Orange
- Sunset Orange
- Brown
- Ranger Bronze
- Vermilion
- Light Purple
- Dark Purple
- Gray
- Blue
- ColorMag™ (CMT)

See pages 7-8 for tint descriptions and to learn about our lens technology.

Ranger Sporter Rx™



Features

- adjustable nose bridge for a custom fit
- accommodates heavy prescriptions
- interchangeable clip-on lenses
- offset nose pads to prevent fogging
- cable temples with comfort fit covers
- lifetime solder joint warranty
- made in USA

Designed to accommodate all prescription lenses, no matter the power, the Sporter Rx™ features a full frame with optional clip-ons. This rugged, yet practical frame is excellent for shooting and other outdoor sports, or as an every day pair of prescription glasses. This innovative combination of a prescription frame and polycarbonate clip-on lenses opens up numerous possibilities to provide full-time corrected vision and your choice of tints when needed.

Frame Options and Clip-on Lens Tints

Eye Size	Frame Color	Temple
57mm	matte black	150mm cable
62mm	brushed pewter	160mm cable
	brushed gold	170mm cable
		140mm skull



Fit clear prescription lenses in the frame with tinted lens clip-ons, or have your favorite lens tint in your prescription within the frame. The choice is yours.

- Clear
- Pale Yellow
- Medium Yellow
- Yellow
- Orange
- Sunset Orange
- Brown
- Ranger Bronze
- Vermillion
- Light Purple
- Dark Purple
- Gray
- Blue
- ColorMag™ (CMT)
- Polarized Gray

See pages 7-8 for tint descriptions and to learn about our lens technology.

Lens Technology

From any shooting discipline to fishing and hunting, quality lenses will not only protect your eyes from numerous hazards, they'll actually elevate your performance and prevent your eyes from becoming fatigued. Those who are serious about the quality of their vision depend on Ranger lenses to perform, no matter the goal.

Although all Ranger lenses absorb 100% of UV rays and are molded at above industry standard thickness for your protection, the best advantages to wearing our lenses are enhanced definition and optical clarity. Unlike other shooting lenses, Rangers are made with distortion-free optical-grade polycarbonate. This gives you the level of protection you need while not compromising the quality of your vision.

We don't have flashy names for our basic lens tints- An orange lens is called "Orange". This straight-forward approach is designed to assist you in choosing the correct lens tint for any given situation. With over 15 tints to choose from, you can be sure you'll find the tints you need to enhance your performance.

Choosing the right lenses

Any serious shooter or outdoor enthusiast will benefit from the right lens tints, although choosing which tints will work for you can be difficult. Here are 3 important factors to consider while selecting your tints:

Confidence Level - What tints have you used in the past? Most likely, the tint you're most accustomed to will give you the most comfort and confidence while shooting.

Light Conditions - The trick is to get your eyes as focused as possible. Your pupils regulate the amount of light that enters your eyes - just like a camera shutter. In low light, your pupils enlarge to allow more light into your eyes. As a result, your eyes become less focused. In bright light, your pupils decrease in size and allow your eyes to focus on distant objects. A simple rule to get maximum focus on a target is to use a lens tint that lets as much light in as possible without squinting your eyes. To follow this rule, you'll need different lens tints to use in varying light conditions.

Background - What background are your targets in front of? You'll want to use different lens tints according to the colors of your background to highlight your target. For instance, if you're shooting orange clay targets in front of green trees, you'll most likely want purple or vermilion lenses that dull greens and highlight oranges. If your background has glare, such as water, you'll most likely want to use a polarized lens. See the tint descriptions on the next page as a guide to help you choose the lenses that are right for you.

Please contact your local RE Ranger representative or call 800.541.1405 for further assistance with lens selection.



Lens Tints



Clear (42)- For eye protection, poor lighting, and indoor ranges. Offers no color contrast. Safety lens for hand loading. LT-90.71% ◦



Pale Yellow (48) - Brightens and contrasts colors in low light conditions. Excellent lens for hunting or target shooting at dusk, dawn, or evening under lights. LT-90.72% ◦



Medium Yellow (52) - Highlights orange clay targets and enhances contrast in low light or overcast conditions. Our most popular yellow tint. LT-83.69% ◦



Yellow (43)- Works well for darker, overcast conditions, dusk, or dawn. Great lens for rifle or pistol shooting with black and white targets. LT-85.35%



Orange (45)- Excellent all around lens for orange clay targets. Blocks haze and blue light, and enhances the orange of the target. LT-71.33% ◦



Sunset Orange (49) - Great in bright, hazy conditions. Slightly darker than orange to absorb scattered blue light, for contrast. Enhances visual acuity. Great lens for hunting. LT-61.66%



Brown (44)- Light reducing lens for bright, glaring days with an open background. Great for picking up brown hues when hunting game birds. LT-34.72% ◦



Ranger Bronze (50)- Offers high contrast for bright days. Great choice for desert terrain. Excellent lens for hunting and snow conditions. LT-16.49%



Vermilion (46)- Terrific lens for shooting against green backgrounds. Works well for those with red-green color deficiency. Highlights orange and dampens green. LT-41.41%



Light Purple (47) - Provides excellent contrast of orange targets against green background or sky. It dampens the green and enhances the orange target against trees. LT-61.67% ◦



Dark Purple (51) - A great lens for very bright conditions. Provides contrast of orange targets against a deep blue sky. An excellent lens for glare reduction and snow. LT-30.33%



Gray (41)- Neutral tint that does not distort colors. Does not enhance orange targets, but is useful in bright sunlight. Good driving lens. LT-54.28% ◦



Blue (57)- Custom lens tint for highlighting green targets, exclusively. Not recommended for bright conditions. LT-54.5%



ColorMag™ (53)- Intensifies orange targets against any background. See up to 250% more orange light than a standard lens without affecting other colors. LT-18.50%

ALLSport™ Polarized Lenses



Copper Polarized (55)- This lens blocks undesirable blue light while improving contrast in other colors. Excellent for shooting targets against a green background on a bright day. Also great for sight fishing. LT-12%



Moss Yellow Polarized (54)- This is an excellent lens for dusk and dawn, overcast conditions, or in shadowed areas. Not recommended for bright conditions. Works well for hunting, target shooting, fishing and cycling. LT-31%



Gray Polarized (56)- This general purpose lens works well in a variety of conditions. It offers absolute true color reception without distortion, and can be worn all day with minimum eye fatigue. It's ideal for maximum glare reduction in intense sunlight. Works well for driving. LT-17% ◦

LT = luminous transmittance

◦ Can be used for driving

Please refer to each frame style page to determine which lenses are available for each frame.

Serious Quality

Lifetime Solder Joint Warranty

All Randolph Engineering products have been meticulously handcrafted for over 35 years. Utilizing only the finest materials, our craftsmen and women create some of the world's best eyewear. Over the years, Randolph Engineering has retained an integrated manufacturing approach with the end benefit being a level of American made quality, craftsmanship, and comfort unequaled in the industry.

We do not compromise quality even when selecting something as trivial as a lens screw. Our 18% nickel silver frames provide unequaled strength and solder joint integrity. All finishes are topped off with a corrosion resistant clear coat that further protects the frame. Our nose pads are made of soft silicone so that the frames won't slip, even during heavy perspiration. While fashion may fade in and out of the marketplace, the quality found in Randolph Engineering products will never go out of style.

We feel so strongly about the quality of our products that we will repair or replace any broken solder joint for the lifetime of the frame (assuming normal use). That is one of the many reasons we call ourselves "serious equipment".

Proudly Made in the USA

Randolph Engineering, Inc., A.K.A. RE, was founded in 1972 by two engineers, Jan Waszkiewicz and Stanley Zaleski. Both worked hard to transform their American dream into a reality. At inception, the company focused on designing and manufacturing optical tools and machinery for the trade. The vision of the cofounders was to build the cornerstone of the business on advanced engineering principles and eventually, manufacturing of premium performance eyewear.

In 1982, RE became the prime contractor for military-style aviation flight glasses for the U.S. Department of Defense. During this decade, we solidified ourselves as the lead vendor to various U.S. Government Agencies for sunglasses, ophthalmic eyewear, and certain niche optical products. By the early 1990's, we expanded our sales to offer commercial lines of premium products: sunglasses, shooting eyewear, and prescription frames.

Today, Randolph Engineering, Inc. has evolved into a full service commercial business with highly skilled engineers and experienced staff. Manufacturing operations are performed at our headquarters located in Randolph, Massachusetts.

Our eyewear appeals not only to military pilots and active outdoor enthusiasts who favor the performance of our products, but also to those who appreciate our distinctive quality.



Contact your local dealer, visit randolphusa.com,
or call 800.541.1405 for more information.



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