

Safety Summary:

CAUTION – use of controls or adjustments, or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This laser process machine is certified as a Class IIIa Laser Product to the requirements of the US Federal Product Performance Standard for Laser Products contained in the regulations in 21 CFR Subchapter J.

AVOID DIRECT EYE EXPOSURE TO THE BEAM.

This device should only be used to signal persons at a distance greater than 13 feet (4 meters).

During the performance of routine maintenance procedures such as cleaning the exterior or changing batteries the power should be turned to the off position.

UNDER NO CIRCUMSTANCE shall attempts be made to disassemble or service this product. All service is to be performed by the manufacturer or their authorized agent.

Additional Survival Suggestions:

- When using any signaling device, ensure you are in an open area, clear of all obstructions that would hinder others from seeing you.
- Consider wearing bright colored clothing or altering your location in such a manner that it appears different than your surrounding terrain. This includes arranging rocks or logs, debris, or other objects in such a manner that they appear “unnatural” from the air.
- Do not move from your location unless safety is threatened. By moving, you create a moving target for would-be rescuers that requires additional time and effort to locate.
- Survival ultimately depends on your ability and training in using what is available to you in any given situation. The Greatland Laser product you have purchased will greatly aid you in signaling others for help if it has been properly maintained. The *Rescue Laser Flare™* can be an integral part of your complete survival system

Limited Lifetime Warranty:

Greatland Laser, LLC (Greatland) warrants to the **original registered owner** that this product is free from defects in parts and workmanship **for the life of that owner**. To qualify for this warranty you **must complete and return to Greatland the printed warranty registration form**. Greatland or an authorized Greatland service provider will repair the product or, at its option, replace a defective Rescue Laser Flare™ or any component thereof free of charge. This warranty is in lieu of all other warranties and conditions, express or implied.

EXCLUSIONS: This warranty does not cover any of the following: 1. battery exhaustion; 2. battery leakage; 3. lens damage; 4. damage to or failure of the Rescue Laser Flare™ or any component thereof due to alteration, misuse, battery leakage or lack of maintenance.

GREATLAND DISCLAIMS ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Under no circumstances is Greatland Laser, LLC, its officers, employees, agents or affiliates, liable for any loss, damage, or expenses of any kind arising out of the use or inability to use this product. Some jurisdictions in Canada and the United States do not allow exclusion or limitation of implied warranties, incidental or consequential damages and/or limitations on transferability, so the above limitations and exclusions may not apply to you.

HOW AND WHEN TO MAKE A WARRANTY CLAIM: 1. In case of battery exhaustion, do not return the Rescue Laser Flare™ to Greatland but replace the battery. You can purchase replacement battery from most retail outlets where photo batteries are sold. 2. If the Rescue Laser Flare™ has been damaged by leakage of batteries, do not return the Rescue Laser Flare™ to Greatland but determine what brand of battery caused the damage and follow the battery manufacturer's instructions about how to make a damage claim. 3. For warranty returns: Send the Rescue Laser Flare™ (postage or shipping prepaid) to Greatland Laser, 4001 West International Airport Road, #2, Anchorage, AK 99502, Attention: Warranty/Repair Department. For your protection and to expedite handling and/or postal claims, we recommend that all returns be insured and sent Certified and/or Return Receipt Requested.

In Canada and the United States this warranty gives you specific legal rights, and you may have other rights which vary from state to state and from province to province. Where any term of this warranty is prohibited by the law of any jurisdiction, such term shall there be null and void, but the remainder of this warranty shall remain in full force and effect.

OPERATOR'S MANUAL



Rescue Laser Flare™

*LASER TECHNOLOGY FOR
SIGNALING IN THE NEW
MILLINIEUM*

The Rescue Laser Flare™ is a hand-held nighttime laser signaling device that provides a convenient, effective way to signal a rescue party up to 10 miles (16 km) away, depending on atmospheric conditions. It's ease of operation, long life and waterproof design makes it the perfect survival signaling device. Unlike conventional pyrotechnic flares, the Rescue Laser Flare™ is non-flammable, non-hazardous and can operate continuously for up to five hours on a long-life replaceable lithium battery.

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Using the *Rescue Laser Flare™*

1. Ensure *Rescue Laser Flare™* is secured so it cannot be lost. Use the Lanyard Hole in the End Cap to secure with a tether or lanyard.
 2. Remove red plastic Protective Cap from fore end of the Laser Flare. Do not discard, save for future use.
 3. Point the light output end (laser aperture) down for safety and twist End Cap clockwise until the red laser is visible.
 4. Aim Laser Flare in direction of target (aircraft, boat, vehicle, rescue party) you wish to signal, with the laser line vertical (up and down).
 5. Move the laser line **VERY SLOWLY** back and forth across the target (five degrees per second or slower). This type of signaling is referred to as "scanning."
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- The slower the laser is scanned, the further it can be seen.**
6. Keep signaling until you have positive contact with your rescuers or target and they are able to see you without the use of a signaling device.
 7. To turn Laser Flare off, twist black End Cap counter-clockwise until the laser light goes off, plus one more turn. Do not remove black End Cap. Replace red protective cap on fore end to protect laser aperture.

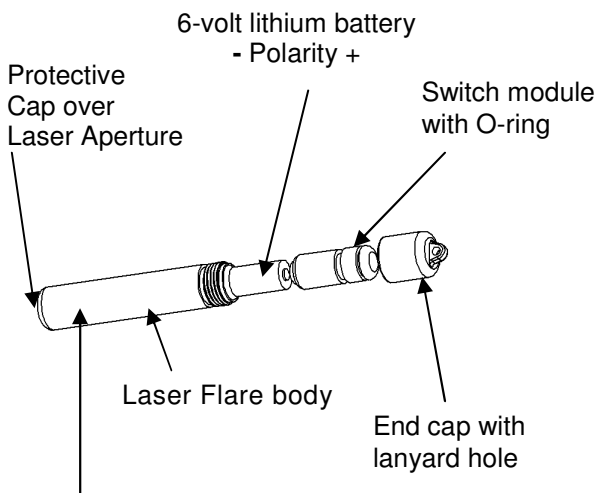
Rescue Laser Flare™

Product Specifications:

Visibility	10 Miles (16 km) ±, optimum conditions, unaided eye
Waterproof:	To 4 feet (1.2 m)
Laser Diode:	10,000 hours meantime to failure
Operational Life:	5 hours continuous
Battery:	6-volt Lithium Duracell® PX28L, Eveready® L544 or equivalent

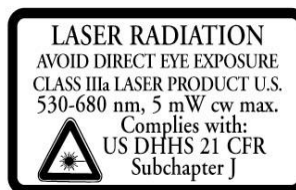
Designed to work as a nighttime signaling device. Effective in daytime at reduced distances.

Product Identification:



Certification and Warning Label:

↑↑ LASER APERTURE ↑↑
Greatland Laser
 Anchorage, Alaska
 Model: Rescue Laser Flare
 Manufactured: 2001 2002
 1 2 3 4 5 6
 7 8 9 10 11 12



Maintaining the *Rescue Laser Flare™*

Battery replacement and exterior cleaning are the only maintenance required. There are no user serviceable components inside the device. Attempting to gain access to the laser components will void the warranty.

- Turn Laser off before replacing battery or cleaning laser lens.
- Follow battery replacement guidelines and use fresh batteries in the unit for best results. For optimum performance, the battery in your *Rescue Laser Flare™* should be checked annually and replaced at least once every five years.
- When not in use, cover laser aperture with protective red cap to prevent damage to lens.
- Lens may be cleaned with a soft dry cloth or camera lens brush. Do not use cleaning fluids.
- Exterior may be wiped with a damp cloth to remove surface dirt, then dried.

Battery Replacement:

The *Rescue Laser Flare™* operates on one 6-volt lithium photo battery (Duracell® PX28L, Eveready® L544 or equivalent). To replace the battery, turn Laser off, unscrew black end cap and pull out switch module, then remove battery. Insert fresh battery **POSITIVE end UP**, push switch module firmly back into unit until o-ring is inside body, and then screw on end cap. Tighten end cap until laser light is switched on (visible through protective end cap), then unscrew until light is off, plus one more turn. For optimum performance, the battery in your *Rescue Laser Flare™* should be checked annually and replaced at least once every five years.