

# PHOENIX JR.™ 123



**Phoenix Jr.™ 123 (NSN: 5854-01-618-0390)** is an extremely rugged and low cost Infrared marker beacon. The Phoenix Jr.™ 123 beacon was principally designed as an individual Combat Identification marker employed to minimize fratricide (the inadvertent destruction of battle field assets by friendly forces.) It can also be used as a vehicle ID marker, drop zone indicator and perimeter marker. Designed with the same functionality as the Phoenix Jr.™ it has been equipped with a spring clip for easy attachment to belts, straps, clothing and equipment. Designed to use a CR123 Battery, the JR123 is 50% smaller and lighter than the Phoenix Jr. When not in use, the CR123 battery can be stored within the unit by installing the battery upside-down.

## Phoenix Jr.™ and the war on terrorism.

Since its introduction in 1984, the **Phoenix Jr.™ (Firefly)™** beacon has become the world standard for covert signaling and electronic combat identification of military, law enforcement, SWAT and homeland security assets. It has been utilized by American and coalition forces for combat identification in theatres of operation such as Kosovo, Bosnia, Somalia, Afghanistan and Iraq. These beacons have multiple uses in combat and other operations for marking personnel, vehicles, pathways and locations. They incorporate a flash rate that was specified to prevent confusion with small arms fire.

Weight	10 grams   0.35 ounces ( <i>without battery</i> )
Size	2.18" x 0.84" x 0.70"   55mm x 21mm x 18mm
Flash repeat cycle	1.3 Seconds (fixed)
Flash duration	20 Milliseconds (fixed)
Battery	CR123 Lithium
Configuration	3 Light Emitting Diodes (LED)
Coverage	240 degrees x 360 degrees
Switch On	Install battery with correct polarity
Switch Off	Remove battery
Battery Storage	Install with reverse polarity
Environmental Options	Water Resistant / Temp -30C to 50C Phoenix Jr. 123 IR—Green (902124IR), Phoenix Jr. 123 Red Training Model—Green (902124R), Phoenix Jr. 123 NV Green Training Model—Green (902124NV), Phoenix Jr. 123 IR—Black (902124IRB), Phoenix Jr. 123 Red Training Model—Black (902124RB), Phoenix Jr. 123 NV Green Training Model—Black (902124NVB), Phoenix Jr. 123 IR—Sand (902124IRS), Phoenix Jr. 123 Red Training Model—Sand (902124RS), Phoenix Jr. 123 NV Green Training Model—Sand (902124NVS)

PHOENIX is a trademark of Cejay Engineering, LLC.

ALL INFORMATION INCLUDED IN THIS SPECIFICATION AS WELL AS THE DESIGNED PRODUCT IS SUBJECT TO CHANGE. PLEASE SEE OUR WEB SITE AT [WWW.CEJAYENG.COM](http://WWW.CEJAYENG.COM) FOR THE MOST CURRENT INFORMATION ON OUR PRODUCT SUITE. NO COMPONENT OF THIS PRODUCT OR SPECIFICATION IS AVAILABLE FOR DISTRIBUTION TO ANY PARTY WITHOUT THE EXPRESSED WRITTEN CONSENT OF CEJAY ENGINEERING, LLC

ATTENTION: ANY PRODUCTS USING INFRA RED LIGHT EMISSIONS [850 NM OR ABOVE] REQUIRE STATE DEPARTMENT APPROVAL AND A LICENSE TO EXPORT OUTSIDE THE UNITED STATES.



Cejay Engineering LLC.  
24600 South Tamiami Trail  
Suite 212-353  
Bonita Springs Fl 34134 USA  
Phone & Fax: (888) 584-3060  
Phone & Fax: (239) 349-2336  
E-mail: [info@cejayeng.com](mailto:info@cejayeng.com)

Rev Date 5/2020

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