



Application Note: Helicopter Landing Zone

Military, law enforcement, and emergency medical service (EMS)/medivac operations often require temporary or portable helicopter landing zones (LZs / HLZs). In addition to its other uses, the PowerFlare® PF-200 Safety Light product serves as a superior LZ system, obviating the need for a separate LZ kit.

Areas, vehicles, personnel, litters/gurneys etc. can also be marked using visible or infrared PowerFlare units. Using Infrared-version PowerFlare units, tactical operations can be conducted using FLIR (in non-thermal camera mode) and night-vision systems.

Because the light output is angled and diffused, the pilot's night vision is less likely to be impaired (a common problem with strobes or other such products). Because the PowerFlare light output is focused parallel to the faces of the unit, there is no need to dim the light when the aircraft makes it approach or hovers above the LZ site.

The PowerFlare system provides the following benefits:

- **Increased Visibility:** PowerFlare units can be seen for over 10 miles from the air. PowerFlare units can flash over 100 hours.
- **Rugged:** PowerFlare units can withstand extreme impact and physical forces. They are also waterproof.
- **Compact:** PowerFlare units are about the size of a hockey puck, reducing their vulnerability to rotor wash and wind.
- **Versatile:** PowerFlare units can be used for traffic control, as a warning light, as a rescue beacon, and so on. Because they are watertight and non-reactive, they can be used in places where old-fashioned flares would be dangerous, such as in dry brush.
- **Tactical:** PowerFlare units can be deployed for extraction of personnel; clandestine and regular LZs, drop zones.

For further information and to place an order, please visit us on the Web.

www.powerflare.com
or call **408-323-2370**