

# Product Data Sheet

No. **41154** - 04/23

## BATON TRAFFIC FLARE & KIT



### PRODUCT NUMBER:

1154 - SAFETY YELLOW BATON TRAFFIC FLARE AMBER LEDs  
1155 - SAFETY ORANGE BATON TRAFFIC FLARE RED LEDs  
1156 - BLUE BATON TRAFFIC FLARE RED/BLUE LEDs

1157 - SAFETY YELLOW BATON TRAFFIC FLARE KIT AMBER LEDs  
1158 - SAFETY ORANGE BATON TRAFFIC FLARE KIT RED LEDs

US Patent #D650,932S & 8,579,460

### I. GENERAL DESCRIPTION

**Features:** The Aervoe Baton Traffic Flare is a rechargeable multipurpose signaling device used as an emergency road flare, a handheld safety wand or flashlight. Made of durable polycarbonate plastic, this 15-LED flare is a safe alternative to incendiary flares. It is crushproof with an impact resistant rubber housing and waterproof. Also includes an N35 magnet to attach it to any ferrous metal surface. Features 5 flash patterns, including S.O.S. Rescue Morse Code, with visible light range of 1/2 to 1 mile. The flashlight includes one 1/2-watt LED and operates independently from the flash patterns.

The single pack #1154, #1155 and #1156 models come with a magnetic connector hub, USB charging cable, and a storage bag. 120V AC and 12V DC adapters are available from any general merchandise retailer.

The #1157 and #1158 kit models come with a total of 3 Baton Traffic Flares, a hard plastic storage case that also operates as the charging center, includes 120V and 12V DC adapters.

**Benefits:** Baton Traffic Flares replace toxic incendiary flares. There is no smoke, flame or ash created as when those types of flares are used. The versatile design gives greater flexibility of use including 5 flash patterns and a flashlight to work in different situations; and many applications including roadside, handheld, or attached to ferrous metal surfaces. The rechargeable design means there are no batteries to replace.

**Uses:** Lay on the ground as a road flare or hold in your hand as a safety wand, or flashlight. Attach it to any ferrous metal surface, including cars, trucks, and signs, using the heavy duty magnet. May be used in

any weather condition. Ideal for road safety identification by emergency responders and personal vehicle operators. May also be used on construction sites, for aviation marshalling and taxiing, event management, in marine applications for boater emergency safety, and much more.

The 3-pack kit is perfect for emergency responders, and event managers, where multiple devices are needed.

**Warnings:** Read operating instructions thoroughly prior to use. Do not use in flammable or explosive environments without first receiving approvals from a designated safety agency. Never use if damaged or electrical components are exposed. Flares are not certified for intrinsically safe applications. If used in wet environments, thoroughly dry flares prior to charging or storage to eliminate corrosion on charging contacts. Only use the provided CE and C/UL certified AC and DC chargers supplied with this product or an equivalent replacement with the same inputs and outputs as listed in the specification section. Failure to use the specified charger could be hazardous, cause damage to the product, and voids the warranty. Monitor during charging and disconnect when charging has finished.

#### DOT & Traffic Safety Compliance:

U.S. DOT (FMCSA) 49 CFR § 392.25 & 393.95 (g)  
Prohibits the carrying of any flame-producing flare on any Commercial Motor Vehicle (CMV) transporting explosives; any cargo of flammable liquid or flammable compressed gas, whether loaded or empty; or any CMV using compressed gas as a motor fuel.  
MUTCD Type A (flashing) and Type C (solid on)  
NFPA 1901 Standards for Traffic Safety, Section 6.7.3 Miscellaneous Equipment.

#### Packaging:

Each clamshell:	1 lb. (0.5 kg)	0.18 CF (0.005 CM)	8.9" L x 2.25" W x 15.6" H
Case (4/case):	5 lbs. (2.27 kg)	1.2 CF (0.03 CM)	11.4" L x 10.6" W x 16.7" H
Each Kit:	6.25 lbs. (2.8 kg)	0.48 CF (0.014 CM)	16.75" L x 4" W x 12.375" H
Case (2/case):	12 lbs. (5.44 kg)	1.09 CF (0.03 CM)	17.4" L x 8.75" W x 12.8" H



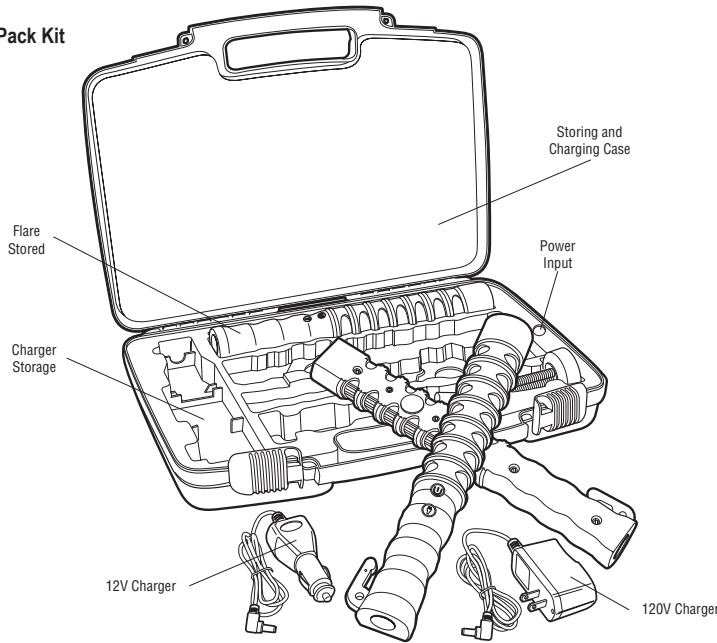
**Aervoe Industries, Inc.**  
P.O. Box 485, Gardnerville, NV 89410



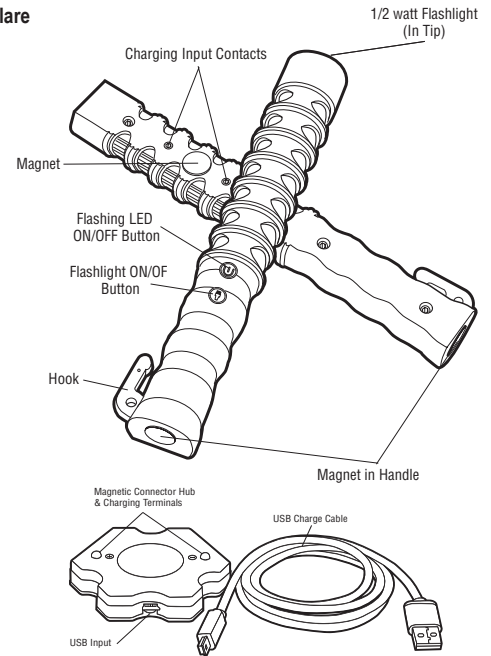
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## II. DIAGRAM

### 3-Pack Kit



### Single Flare



## III. SPECIFICATIONS

Internal Rechargeable Battery.....	Lithium Polymer 3.7V - 1200 mAh
Kit Charging Specifications	
120V AC/DC Charger (CE & C/UL Listed).....	Input: 100-240V AC, 50-60Hz Output: 5V DC, 1200 mAh
12V DC Charger (CE) .....	Input: 12V DC Output: 5V DC, 1200 mAh
Typical Charging Times .....	1 Flare = 3-4 hours 3 Flare Kit = 6-8 hours
Temperature Range.....	50°F to 104°F (10°C - 40°C)
Weight .....	1154/1155/1156: 9 oz. 1156x/1157/1158: 6 lbs. 4 oz.
Dimensions.....	1154/1155/1156: 12.125" L x 1.75" W x 1.375" H 1156x/1157/1158: 16.75" L x 12.375" W x 4" H
Replacement Flares .....	Replacements for the Kit may be purchased using P/N #1154, #1155 or #1156 for the flares from your local retailer or <a href="http://www.aervoe.com">www.aervoe.com</a> .

FLASH PATTERN	TYPICAL RUN TIME	FLASH PATTERN	TYPICAL RUN TIME
#1 - Direction / Flash	13 HOURS	#4 - S.O.S. RESCUE (MORSE CODE)	12 HOURS
#2 - QUAD FLASH	16 HOURS	#5 - STEADY ON	7 HOURS
#3 - ALTERNATING BLINK	8 HOURS	FLASHLIGHT	8 HOURS
OPERATING THE FLASHLIGHT WITH ANY OF THE OTHER FLASH PATTERNS WILL REDUCE OVERALL OPERATING TIME.			

## IV. SHIPPING, STORAGE AND HEALTH

UN number .....	3481
Proper Shipping Description.....	Lithium batteries contained in equipment
Hazard Class .....	9
Packing Group .....	N/A
Limited Quantity.....	N/A
Warehouse storage level number.....	N/A
Storage temperature.....	70°F
Shelf life .....	1 to 2 years
HMIS ratings	
Health.....	N/A
Fire.....	N/A
Reactivity .....	N/A

## IV. MISCELLANEOUS

Note: Batteries must be recycled or disposed of properly. Consult local disposal agencies for proper disposal procedures.

## V. WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aervoe representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement of product or credit of purchase.