

# L-893 (L) RCM-D Runway Closure Marker



## Compliance

Compliant with Standards:

FAA: AC 150/5345-55 (Current Edition); FAA: AC 150/5370-2 (Current Edition)

NTSB Safety Recommendation A-03-05



## Application

This Hali-Brite RCM-D Runway Closure Marker is an effective method to warn pilots of closed runways and taxiways

## Key Features

- Easily set up by one person in 2-3 minutes, without tools
- 3 year/3000 hour engine warranty
- Four folding arms open to 14 foot length
- 20 LED lamps deliver over 70,000 candelas at beam center
- Visible 10-25 miles from runway under VFR
- Selectable brightness levels to suit environmental conditions
- Photocell dimming for night operation
- Four rear-mounted lamps allow visual monitoring from rear side
- Powered by a three-cylinder, liquid cooled Mitsubishi diesel engine and Marathon brushless generator
- Operates 140 hours between fuel fills
- Highway towable with a standard 2" hitch coupler
- 2200 pound, DOT compliant trailer
- 4 swivel leveling jacks
- Adjustable light beam angle
- Optional rear hitch, allows tandem towing of 2 units
- Optional cover



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## Set Up Procedure



1. Level as necessary using 4 leveling jacks



3. Tilt the light to the upright position



2. Extend the 4 light assembly arms



4. Start the generator and activate the lights

## Trailer Specifications

- 2200 pound axle
- 2" ball or optional pintle hitch, safety chains
- Four 2000 lb. leveling jacks. Side jacks are on extendable 38" outriggers
- DOT-compliant tail and marker lights
- Tires - ST175/80 D13, highway-rated
- All steel tubing construction
- Width: 67 inches
- Length: 105 inches
- Height: 64 inches
- Total wet weight 1600 lbs.

## Part Numbers

- |                   |                               |
|-------------------|-------------------------------|
| • RCM-DIESEL      | Runway Closure Marker, Diesel |
| • RCM-COVER       | RCM Cover                     |
| • RCM-REAR HITCH  | RCM-D Rear Hitch Option       |
| • M-OILDRAIN      | Oil Drain Valve Kit           |
| • M-SK171         | SK171 Extended Service Kit    |
| • RCM-ARM         | CM Arm Assembly               |
| • RCM-LED UPGRADE | RCM LED                       |

## Light Assembly Specifications

- Arm length 14 feet when operating
- Hinged to generator housing, swings upright for use, swings to horizontal position when stowed
- Assembly arms fold to a 5'x5' square for transport and storage
- Arms constructed of 4"x4" extruded aluminum, with yellow epoxy powder-coat paint
- Twenty LED lamps mounted in front, plus 4 monitor lamps in rear, 24 total
- LED lamp, 20 degree beam width, rated life 50,000 hours typical
- Lamps flash 2.5 seconds on, 2.5 seconds off
- Solid-state flasher, no mechanical contacts
- Photocell automatically reduces intensity at night
- 2 year warranty on light assembly, 4 years on lamps
- Maximum Power: 630 watts, 643VA at 120VAC

## Engine & Generator Specifications

- Engine: Mitsubishi L3E Diesel, 12.7 hp, 3-cylinder, liquid-cooled, 4-stroke, 1800 RPM, electric start
- Engine Warranty: 2 years/2000 hours on entire engine, 3 years/3000 hours on major components
- Glow plugs and elapsed hour meter
- Low oil/high temperature auto-shutdown
- Generator: Marathon Electric, 6.0 kW, 120 VAC, 4-pole, brushless
- Fuel tank capacity 57 gal., consumption 0.4 gph, 140 hour runtime

## Weights & Dimensions

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Dimensions	Weight
114" x 65" x 68"	1450 lbs (palletized)