

RCM Runway Closure Marker

Compliance with Standards

FAA: L-893 FAA AC 150/5345-55 (Current Edition). Complies with applicable requirements in FAA AC 150/5370-2 and NTSB Safety Recommendation A-03-05.

Applications

The Runway Closure Marker is an effective method to warn pilots of closed runways and taxiways.

Features

- Easily set up by one person in 2-3 minutes, without tools
- 3 year/3,000 hour engine warranty
- Four folding arms open to 14-foot length
- 20 PAR lamps deliver over 170,000 candelas at beam center
- Visible 10-25 miles from runway under VFR conditions
- Selectable brightness levels to suit environmental conditions
- Photocell dimming for night operation
- Four rear-mounted white 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-inch hitch coupler
- 2,200-pound, DOT-compliant trailer
- Three swivel leveling jacks, one tongue jack
- Adjustable light beam angle
- Optional rear hitch, allows tandem towing of 2 units
- Optional cover
- Made in the USA and ETL certified by Hali-Brite, Inc., Crosby, MN

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' x 5' square for transport and storage
- Arms constructed of 4" x 4" extruded aluminum, with yellow epoxy powder-coat paint.
- Twenty halogen lamps mounted in front, plus 4 monitor lamps in rear, 24 total
- PAR 38 halogen lamp, 25 degree beam width, rated life 4,200 hours
- Lamps flash 2.5 seconds on, 2.5 seconds off



RCM-D Ordering Codes

To order a runway closure marker, request the following part numbers:

- RCM-Diesel: Runway Closure Marker, 6 kW Diesel Generator
- RCM-Cover: RCM Cover
- RCM-Rear Hitch: RCM-D Rear Hitch Option

Light Assembly Specifications (Continued)

- Solid-state flasher, no mechanical contacts
- Photocell automatically reduces intensity at night
- 2-year warranty on light assembly, excluding lamps

Trailer Specifications

- 2,200-pound axle
- 2-inch ball or optional pintle hitch, safety chains
- Three 2000-lb leveling jacks. Side jacks are on extendable 38-inch 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 lb

Engine and Generator Specifications

- Engine: Mitsubishi L3E Diesel, 12.7 hp, 3-cylinder, liquid-cooled, 4-stroke, 1800 RPM, electric start
- Engine Warranty: 2 years/2,000 hours on entire engine, 3 years/3,000 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 gallon, consumption 0.4 gph, 140 hour runtime

Set Up Procedure (2-3 minutes)



1. Level as necessary using 3 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.

Product specifications may be subject to change, and specifications listed here are not binding. Confirm current specifications at time of order.

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