



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

Compliance with Standards

- FAA Certified to AC 150/5345-55A with AC 150/5370-2G and NTSB Safety Recommendation A-03-05
- FAA Buy American Waiver issued

Applications

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

Options

- Optional Rear Hitch for tandem towing
- Optional Cover
- Optional Extended Service Kit
- Optional Pintle Hitch
- Optional Oil Drain Kit for easier oil changes
- Optional 24 hour Battery Backup: Lighted "X" automatically switches over to battery power when generator power is lost or turned off manually - fuel saving and emergency backup

Features

- Easily set up by one person in less than 5 minutes
- External power compatible, lighted "X" can be powered from an external power source from 120 to 277v 50/60 Hz
- 50,000 hour built in LED lamps - never change a bulb
- Reliable Mitsubishi L3E diesel engine with shore power output (20amp 120V and 30amp 240Volt)
- 140+ hour runtime between fueling
- Wind tested to 95 mph
- 2 year/2,000 hour engine warranty, 4 year lamp warranty
- Visible 10-25 miles from runway under VFR
- Photocell dimming for night operation
- DOT compliant trailer with lights, highway towable with a standard 2" hitch
- Compact transporting and storage design

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 LED lamps mounted in front, plus 4 monitor lamps in rear, 24 total
- LED lamp, 20° beam width, rated life 50,000 hour typical
- Lamps flash 2.5 seconds on, 2.5 seconds off
- Solid-state flasher, no mechanical contacts



- Photocell automatically reduces intensity at night
- Maximum Power: 630 watts, 643VA at 120VAC

Engine Specifications

- Engine: 3-cylinder diesel, 12.7 hp, liquid-cooled, 4-stroke, 1,800 RPM, electric start
- Engine Warranty: 2 years/2,000 hour
- Glow plugs and elapsed hour meter
- Low oil/high temperature auto-shutdown
- Generator: Marathon Electric, 6.0 kW, 120/240VAC 60Hz, 4-pole, brushless
- Fuel tank capacity 57 gal., consumption 0.4 gph, 140+ hour runtime

Specifications

- Width: 67", Length: 117", Height: 69", 1,405 lb. (dry)
- Total Wet Weight: 1,804 lb.
- Fully Crated: Width: 72", Length: 96", Height: 79", 2,050 lb.

Warranty

- LED Lamps Warranty: 4 years
- Engine/Generator Warranty: 2 years/2,000 hour
- Trailer and all other components: 2 years
- Please see owner's manual for specific warranty coverage specifications

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Runway Closure Marker Set Up Procedure (5 minutes)



1. Level as necessary using 3 leveling jacks



2. Extend the 4 light assembly arms



3. Tilt the light to the upright position



4. Start the generator and activate the lights

RCM-Extended Service Kit

Features

- Premium OEM filters
- Convenient kit vs ordering separately
- Internal record keeping for your machine to show service was ordered, should a warranty issue ever arise



Ordering

- RCM-SK170 (1,000 Hour Kit)
 - 4 Oil Filters
 - 4 Fuel Filters
 - 2 Air Filters
 - 1 Belt
- RCM-SK171 (2,000 Hour Kit)
 - 8 Oil Filters
 - 8 Fuel Filters
 - 4 Air Filters
 - 1 Belt

Maintenance

See the original equipment manufacturer's operating manual for a complete list of maintenance requirements. Failure to comply with the procedures as indicated in the single operator manual will void the warranty.

Basic Maintenance Schedule

Item	As Required	First 50 Hours	Every 200 Hrs	Every 500 Hrs	Every 24 Months
Check Water Installation	•				
Check/Replace Air Cleaner Element	•				
Replace Engine Oil and Filter		•	•	•	
Replace Fuel Filter and Fuel Pump Filter			•	•	
Inspect/Adjust Belt			•	•	
Check Radiator and Hose Clamps			•	•	
Replace Fuel Filter			•	•	
Inspect/Adjust Valve Clearance				•	
Check/Clean Safety				•	
Replace Engine Control				•	
Replace Outdoor-Inner Clamps				•	

*Actual life and change intervals should be determined through oil sampling and analysis in extreme conditions.

Custom Fitted Cover

Features

- Durable, long lasting cover
- Easy, 1 person application



Cover Set Up Procedure (5 minutes)



1. Fold "X" to stored position, apply cover



2. Apply front strap around vertical support bar



3. Apply side strap to RCM door latch



4. Apply (2) back straps to hitch mount or, if hitch installed, around hitch bar

Rear Receiver Hitch

Features

- For towing tandem RCM units
- Easy 4 bolt installation





RCM-Battery Backup Option

Applications

- The Runway Closure Marker battery backup option automatically switches to battery backup when generator power is lost or turned off.
- Use for automatic battery backup for safety in the event of generator power loss.
- Use for fuel savings: For example, run the generator during the daytime work hours. Then manually turn the machine off at the end of the shift. The lighted "X" will continue to function overnight using no fuel. When the next morning shift starts, the machine would be manually restarted and run during the daytime shift, operating the lights and recharging the batteries. Repeat.



Battery Backup Switch

Features

- 2 premium deep cycle, long lasting batteries
- 24 hour operation on fully charged batteries
- Machine starting battery completely separate from battery backup system
- Automatic power sensing relay, automatically senses power loss and switches to battery
- Manual override switch conveniently located on main control panel
- High quality, on-board charger specifically calibrated for RCM battery backup system, resulting in longer battery life



RCM-OILVALVE Oil Valve Kit

Applications

When installed, simply turn valve for oil draining instead of using tools to remove plug. Comes with extended drain hose for easy and clean routing of oil while draining.

RCM-ADAPTERCORD Shore Power Adapter Cord

Applications

When "shore power" is available, the lighted "X" can be operated on any external power source from 110-250Volt, 50/60hz. This option is great for fuel and maintenance savings.

Use

- Lighted "X" plug is 30amp 250V (NEMA L6-30P)
- RCM-ADAPTERCORD is a short 2' cord that converts the 30amp 250V plug to a standard 120v 15amp plug.
- Simply unplug the lighted "X" from the generator control panel, plug in the adapter cord, then plug the 120v plug into any common outlet or extension cord. The lighted "X" will begin to flash.

