



Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

**Heliport Light
Receiver Controller
FAA L-854**

Compliance and Applications

L-854 Air to Ground, AM Radio
Receiver/Decoder FAA Type 1,
Style A

AC 150/5345-49A Specification
L-854 Radio Control Equipment

AC 150/5345-1 Approved Airport
Lighting Equipment

ETL/ITS Certified

The L-854 AM Radio Receiver
Controller is designed to provide
pilots direct unassisted air-to-ground
control of airfield lighting systems.
By keying their microphone 3, 5, or
7 times in a 5 second period, pilots
can activate and vary lighting
intensities.

When the Receiver Controller
detects a valid series of radio keys,
the airfield lighting system will
become energized to the selected
intensity. The airfield lighting system
will remain illuminated at the pilot
selected intensity for a 15-minute
interval, after which the system will
automatically shut down. If the unit
detects a new series of valid radio
keys any time during an active 15-
minute period, the lighting system
changes to the selected intensity and
a new 15-minute interval begins.

By allowing continued operations
during off or nighttime hours, the
Receiver Controller is a particularly
useful tool for managers of small to
midsize airfields. The unit is a virtual
necessity for remote sites where the
volume of air traffic or the
availability of qualified on-site
control personnel may be limited.

The Receiver Controller is easy to
operate, extremely reliable and the
unit's revolutionary hi-tech design
offers an impressive array of features
with unparalleled flexibility. The
unit is reasonably priced and
supports a wide range of available
options.

Why Our Receiver Controller is Better

- ✓ Two banks of 3-5-7 control
outputs independently
configurable for sequential or
cumulative modes of control, and
various control output voltages.
- ✓ Two independent control voltage
inputs.
- ✓ Optical isolation from controlled
equipment for electronic
protection.
- ✓ Low power consumption:
+13.6Vdc +/-10% at 100mA.
- ✓ Reduce need for interface box.
- ✓ Programmable frequency range
118-137Mhz - no crystal to
replace!
- ✓ Built on proven synthesized
receiver technology.
- ✓ Excellent sensitivity: (10db S/N)
0.2uV.
- ✓ Excellent adjacent channel
selectivity: 80db.
- ✓ Recessed squelch control
adjustable 0.2uV - 5.0uV.
- ✓ Retractable mounting brackets.
- ✓ Antennae kit with 20' cable.



*L-854 Heliport Light
Receiver Controller*

Available Options:

- Internal or external battery backup
systems.
- Flexible input power options.
Internal, external, or remote audio
- output and volume control.
- External or remote control and
status indicator panel.
- Programmable microprocessor
control for special applications.
- Additional antenna cable.

Installation

The Receiver Controller is housed
in a wall mount enclosure with
retractable mounting brackets that
provide a sturdy hassle free method
of mounting. The central location
of the front load spring lock terminal
blocks allows the enclosure to be
penetrated from any side - making
the terminal connections for power,
control input, and control output
feeds readily accessible.

Visit our web site: www.flightlight.com



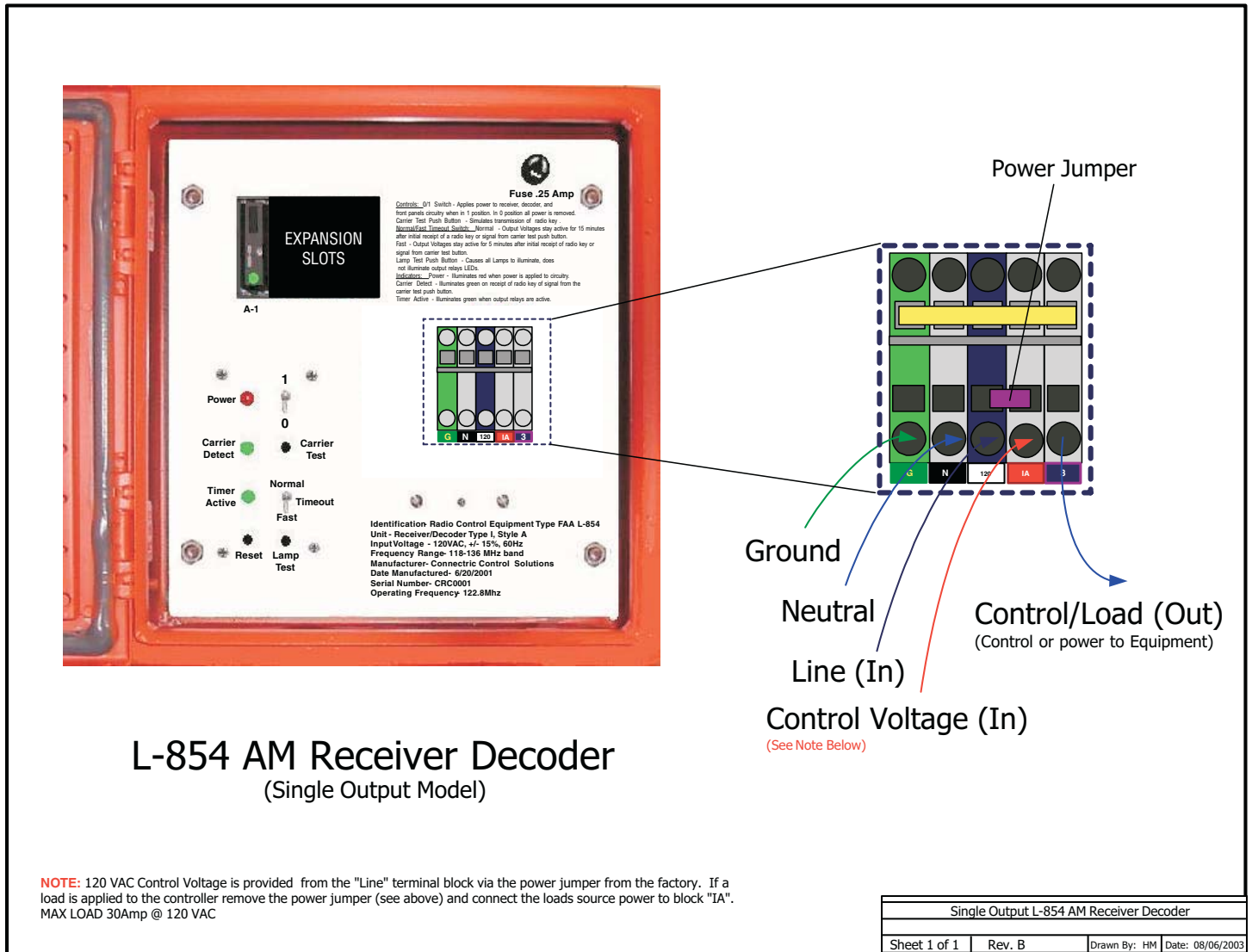
Flight Light Inc.
 2708 47th Ave.
 Sacramento, California, U.S.A.
 95822-3806

PH (916) 394-2800
 TF (800) 806-3548

FX (916) 394-2809
 EM info@flightlight.com

Heliport Light
 Receiver Controller
 FAA L-854

Heliport Light Receiver Controller Diagram



**For technical
 information
 and renewal parts
 call 1-800-806-3548**

Visit our web site: www.flightlight.com