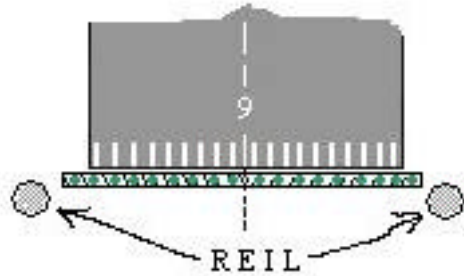




## REIL SYSTEM INSTALLATION



A REIL system, consists of synchronized flashing lights placed symmetrically about the runway centerline in the vicinity of the runway threshold. The optimum location is 12 meters (40 feet) from the runway edge and in line with the threshold lights. The lights may be located laterally up to 22.5 meters (75 feet) from the runway edge and longitudinally up to 12 meters (40 feet) downwind (away from the runway) from the threshold lights

to 27 meters (90 feet) upwind. The location of both lights should be as equal as possible to maintain the symmetry of the installation. The difference in locations should not be more than 3 meters (10 feet) laterally or longitudinally. The elevation of both lights should be within 3 meters (10 feet) of the runway centerline at the threshold. A 27 meter (90 foot) upwind and a 12 meter (40 foot) downwind longitudinal tolerance is permitted from the runway threshold in locating the light units. See FAA AC 150/5340-14 for additional information.

### Renewal and Option Parts

Part Number	Description	Part Number	Description
4612	Aiming Device, Strobe	541338	Timer, REILs
550330-14	Lamp, Strobe	550350-30	Trigger Relay
540370	Current Sensor	572338	
CSR 1	Capacitor, 1 $\mu$ f	55047	High Voltage Wire
CSR 2	Capacitor, 3 $\mu$ f	55012	High Voltage Bridge Rectifier
CSR 3	Capacitor, 25 $\mu$ f	55043	Lightning Arrester
CSR 4	Capacitor, 30 $\mu$ f	55022	Toggle Switch
550345	CCA, Discharge & Trigger Voltage	560345	CCA, Strobe Trigger/ Intensity control
55031	Resistor, Charging	560345-3	Relay, Discharge – 240V
425BXX	Relay, Interlock	560345-4	Relay, Intensity Select – 120V

# Multi

ELECTRIC

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