



Universal Strobe Light

FAA-PMA Approved

The Universal Flight Strobe Model FS-4400



- Low Cost
- Visible over 50 miles at night in haze, smog or bright sunlight
- No moving parts or motor to fail
- Rugged construction, impact resistant
- Highest quality components
- Designed to easily replace rotating beacons with 3 3/4" diameter base
- 2 year warranty
- Available in 14 Volts or 28 Volts

Universal's Flight Strobe FS-4400 integrates the most advanced technology and circuitry to provide unmatched reliability, visibility and longevity. This self-contained unit carries its own power supply and the lamp, lens and fuse are easily replaceable.

Universal Corporation has been manufacturing quality electronic products since 1969. To maintain the highest possible standards, the Flight Strobe FS-4400 is completely manufactured at our plant in the United States.

Direct replacement for rotating beacons and as an additional safety strobe on the fuselage, top and/or bottom.



The Universal Flight Strobe FS-4400



WARRANTY

The Universal Flight Strobe and its accessories carry the best warranty available—a full two years after the date of purchase from a Universal Authorized Distributor.

SERVICE

Universal provides low cost service for all of our electronic products even after the warranty has expired.

Height:	Total: 5 3/8" Lens: 2 5/16"
Diameter:	Base: 3 3/4"; Lens: 2"
Weight:	17 ounces
Current Draw:	3.0 amp @ 14V; 1.5 amp @ 28V
Volts:	12V (rated 14V); 24V (rated 28V)
Lamp Power:	850 ECP (effective candle power) 15 Joules per Flash
Lamp Type:	Stroboscopic, Pressurized, High Intensity Xenon Flashtube
Flash Rate:	50 FPM (Flashes Per Minute)
Mounting:	Tail, Top, and Bottom of Fuselage
Fuse:	AGC7 7A 125V 5-10 Amp Breaker

ACCESSORIES

FS-210C CLEAR LENS: Our 100% clear lens provides maximum white light output.

FS-210R RED LENS: The customary 100% red lens virtually eliminates back-scatter.

FS-210C/R2 1/2 CLEAR, 1/2 RED LENS: This classic combination is best suited to aircraft with strobe placement on the fuselage, either top or bottom. The light angle created gives 180° forward reflection reduction while maintaining white light aft.

FS-227 XENON FLASHTUBE: Replacement lamp for FS-4400, both 14V and 28V.

FS-205 MOUNTING RING: For fuselage installations of FS-4400.

Gasket included with each replacement lens and lamp.

FAA Form 337 required.

- Lens is made of tough, high impact polycarbonate.
- Lamp: Xenon flashtube specifically designed for longer life, maximum efficiency and light intensity.
- Unique flash timing circuit uses a unijunction SCR combination for constant flash rate of 50 FPM, regardless of voltage.
- Highest efficiency push-pull inverter circuit for stable flash voltage.
- Flame resistant military circuit board.
- Replace lamp easily without removing unit from aircraft.
- Solid state electronics.
- Zinc plated, no rust hardware.
- Extruded (not stamped) aluminum case with universal mounting provisions for direct replacement of short life rotating beacons.
- Integral fuse, easily replaceable, protects circuit for safety and extended life.
- Self-grounded, single wire connection for quick and easy installation - no shock hazard.