

WHELEN[®]

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Installation Guide: Aviation model 7118400 P/N 01-0771184-00 LED Anti-Collision Light Ass'y

TSO-C96a
 CLASS II;
 APPROVED



The conditions and tests required for TSO approval of this article are minimum performance standards. It is the responsibility of those installing this article either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the TSO standards. TSO articles must have separate approval for installation in aircraft. The article may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements.

SPECIFICATIONS:

Nominal Operational Voltage: 28 VDC
 Input Current: 0.32 Amps
 Total Weight65 lbs.

EQUIPMENT LIMITATIONS:

An approved forward anti-collision system consists of at least 2 lighthouse units, each connected to a model 7114800 Flasher.

CONTINUED AIRWORTHINESS:

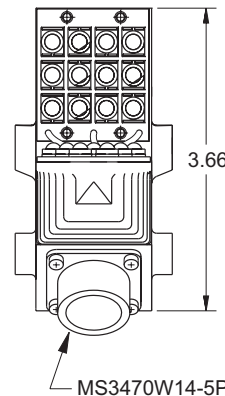
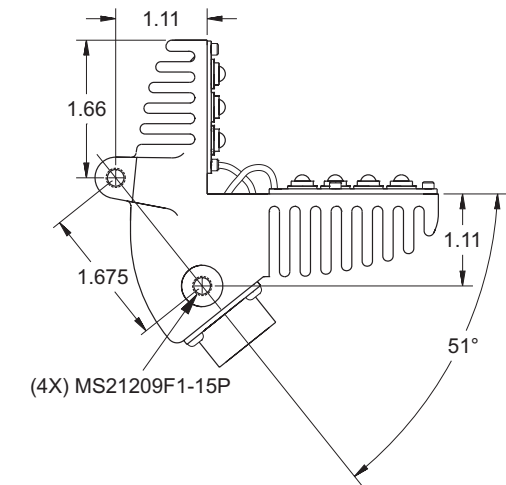
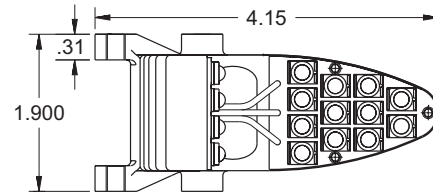
The wingtip anti-collision light is designed with 24 LEDs. If any one fails, the unit must be repaired or replaced.

Note: The anti-collision lights will automatically shut-off after 9-10 flashes if a failure is detected.

INSTALLATION PROCEDURES:

The following information is to assist you in installing a Whelen anti-collision light system.

1. The installation procedure described in the following text will be confined to a single light installation, but is identical for multiple light installations.
2. Connect the anti-collision inputs according to the chart shown. Connections to be in accordance with FAA approved methods.
3. Using appropriate, approved hardware, install light assembly and insure that all leads are clear of any obstructions and ty-rap as required. Secure light assembly, using vibration resistant threaded fasteners.
4. Check all avionics systems for interference from this installation.
5. A flight check should be performed by a properly certified pilot.
6. Update aircraft records, complete Form 337 and obtain FAA field approval for installation, as necessary.



Model 7118400

J1 SIGNAL	CONTACT
ANODE	A
CATHODE 1	B
CATHODE 2	C
CATHODE 3	D
CATHODE 4	E

Aviation