

WHELEN[®]

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Installation Guide: Aviation model 9032501,9032502 P/N 01-0790325-01, 01-0790325-02 LED Anti-Collision/LED Position Light Ass'y



*TSO-C30c
 TYPES I, II & III
 APPROVED
 TSO-C96a
 CLASS II*



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
Total Weight 1.2 lbs.

EQUIPMENT LIMITATIONS:

An approved Anti-Collision / Position System consists of assembly 90325() and flasher 7112000, located on each wingtip.

CONTINUED AIRWORTHINESS:

The forward position light is designed with 6 LED's. The rear position light is designed with 3 LED's. The Anti-Collision light is designed with 36 LED's. If any one LED fails, the lighthouse module must be repaired or replaced. Inspect the lens for excessive scratches or pitting. Replace if necessary.

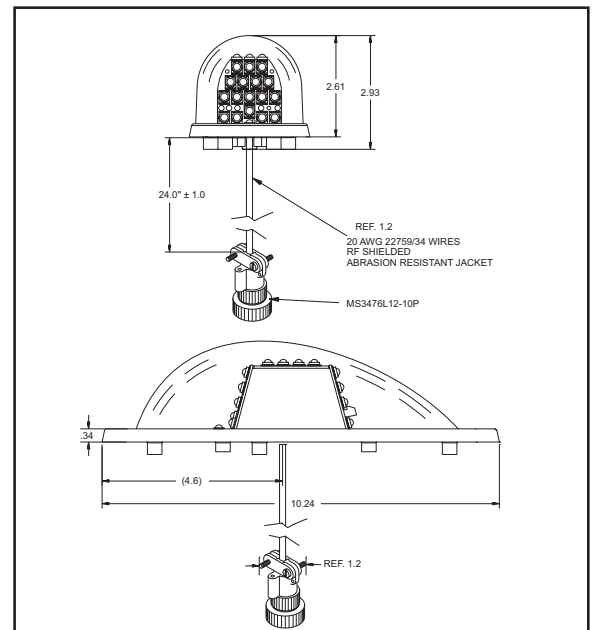
Note: The anti-collision light will automatically shut-off after 9-10 flashes if a failure is detected.

INSTALLATION PROCEDURES:

The following information is to assist you in installing a Whelen Anti-Collision / Position light system.

1. Choose the appropriate Model 90325 - () replacement light assembly.
2. The installation procedure described in the following text will be confined to a single light installation, but is identical for multiple light installation.
3. Using #6 flathead screws, install light assembly and insure that all leads are clear of any obstructions and ty-rop as required. Secure light assembly, using vibration resistant threaded fasteners.
4. Connect the MS connector to flasher/current source model 7112000.

5. Check all avionics systems for interference from this installation.
6. A flight check should be performed by a properly certified pilot.
7. When necessary, waterproof the light base to aircraft. Apply single part silicone (RTV) or equivalent around any open area where water could get in.
8. Update aircraft records and complete Form 337, as necessary.
9. Obtain FAA field approval for installation, as necessary.



Aviation

QTY/QTY ITEM	PART NUMBER	DESCRIPTION
*	01-0790325-01	ASSY, GREEN LED FINAL MODEL 9032501
*	01-0790325-02	ASSY, RED LED FINAL MODEL 9032502
1 1	11-390383-100	BASE, WINGTIP LT BLK POWDER CT
1 1	14-0050503-250	SCREW, 6-32 x 3/16 PPHMS
1 -	01-0290394-50	ASSY, RED LED LIGHTHEAD
-	01-0290394-40	ASSY, GREEN LED LIGHTHEAD
4 4	14-0050508-270	SCREW, 6-32 5/16 PPHMS CSNK
1 1	38-0290393-00	GASKET, MODEL 90325
4 4	14-082116-0600	SCREW, 8-32 3/8 PPHMS CSNK
1 1	19-150925-000	FORWARD RETAINER
1 1	68-3990382A30	LENS, PLASTIC CLEAR HARDCOATED
1 1	19-150926-000	TAIL RETAINER

