



WHELEN AEROSPACE TECHNOLOGIES

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**Installation Guide/ICA:
 Aviation model 711200
 P/N 01-0771120-00
 Flasher/Current Source Ass'y**

TSO-C30c TYPE I, II & III; APPROVED
 TSO-C96a CLASS II; APPROVED

The conditions and tests required for TSO approval of this article are minimum performance standards. Those installing this article either on or within a specific type or class of aircraft must determine that the aircraft installation conditions are within the TSO standards which include any accepted integrated non-TSO functions. TSO articles and any accepted integrated non-TSO function(s) must have separate approval for installation in an aircraft. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements.

SPECIFICATIONS:

Nominal Operational Voltage:..... 28 VDC
 Current Source Input Current:
 LED Forward Position Light 0.25 AMPS
 LED Tail Position Light..... 0.25 AMPS
 LED Anti-Collision Light (Peak@.25 Sec.)..... 4.5 AMPS
 LED Anti-Collision Light (Avg.) 0.85 AMPS
 Flashrate..... 45 ±5 Per. Min.
 Total Weight 0.95 lbs.

EQUIPMENT LIMITATIONS: An approved Anti-Collision / Position Light System consists of at least 2 flasher/current source units, each connected to a LED anti-collision and position light lighthouse model 90325(), one Red and one Green.

AIRWORTHINESS LIMITATIONS: The Airworthiness Limitations section is FAA approved and specifies inspections and other maintenance required under §43.16 and §91.403 of the Federal Aviation Regulations, unless an alternative program has been approved.

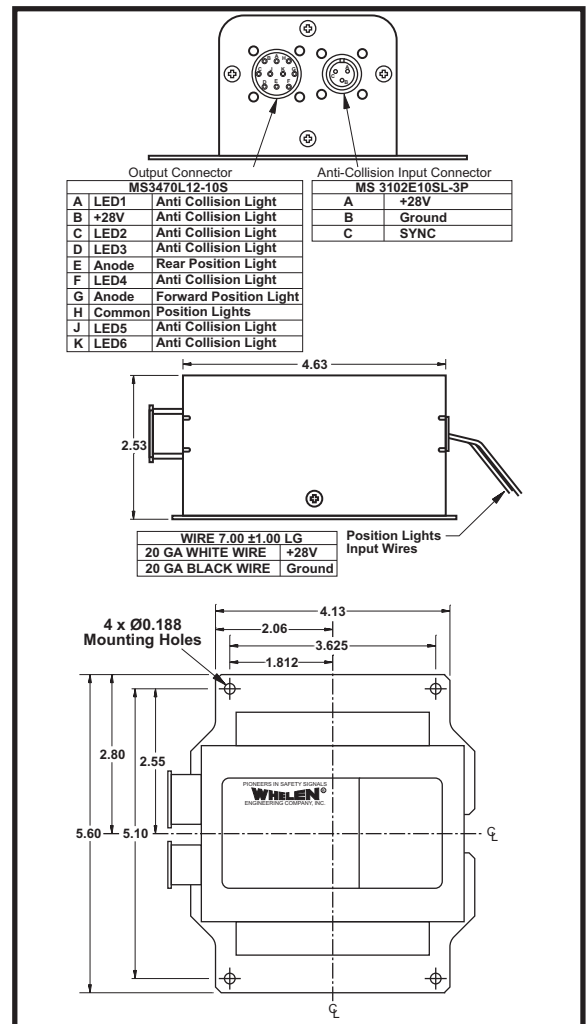
No airworthiness limitations are associated with the installation of the flasher/current source.

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 bank of LEDs fail, the lighthouse module should be checked. If the module checks good, replace the flasher.

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

INSTALLATION PROCEDURES:

1. Consider areas or locations designated by the aircraft manufacturer. Check that breakers are properly rated.
2. Attach the flasher using the (4) 0.188 dia. mounting holes.
3. Connect the anti-collision inputs and the position light inputs according to the chart shown. Connect the cable from 90325() to the flasher position light. Connections to be in accordance with FAA approved methods.
4. Check all avionic systems for interference from the installation
5. A flight check should be performed by a certified pilot
6. If required, update aircraft records utilizing FAA Field Approval (Form 337) or equivalent.



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