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Installation Guide: Model A498ATSC P/N 01-0770062-03 Strobe Power Supply (FAA/PMA Approved)

Specifications:

Position Lights -

Charte	ent Delew	400	Autopo.	0	34.	September 1	DUC.
		2.0	Ampa	60	28	Middle.	District
Weekg	Mr. Commence	15.7	Boss.				
Large	D	25.0	2000				
Wheel		36.3	100				

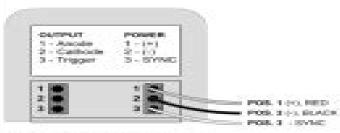
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INSTALLATION PROCEDURES....

Mounting Location

Historia

- Consider areas or locations designated by the sincest resembeturer. Do not mount the strate power supply doser transitions GN lead of the ADP loce.
- Por alternate locations, consider areas such as the cabit baggage compartment, the floor under the seat, rem-structural balthoughs, throughts, site.
- If necessary, fishricate support brackets or shelves, and attach them to the aircraft structure to provide a mounting surface that will withstend the mortis forcesstigulated in chapters 1 & 2 of AC 43, 13-2A.
- An "SA" or other representative of the FAA must approve observer little of structural integrity of the foliarcostod branchistore.
- Where installing the strates light power supply in an invested possition, strill a STEP discreptor hole in the lowest corner of the coner to possible for investige dramage. Care must be taken and to let the drill protoute and the power supply, for it will inflict domage to the electronic components.
- Specifically sall out the location of the strabe light power wassey of PAA form 2017.



602001. Whelen Engineering Germany Inc. Form No. 13610A (000300)

Operation:

This power supply will operate ONE strobe light head assembly at 34 joules of power. It is equipped to flash up to five (5) other like units simultaneously when on 18 gags were to connected to satist 3 on the input power operactor.

Wining Instructions

WARNING! STROBE LIGHT POWER SUPPLIES ARE POLARITY SENSITIVE. REVERSING THE INPUT POLARITY WILL CAUSE SEVERE DAMAGE TO THE POWER SUPPLIT

Steps below: "Ref. AC 43.13-16. Chapter 11. Sections 1, 2, 3 & F.

- Chaosing wire size of Ar Input lesst, refer to Paragraph 444. "Slacetic Wire Chart," Figure 11.7 8, 11.7A, with reference to "Strobe Light Model Current," requirement of our page 6 8, 11, and "Wire and Circuit Protection Chart," Figure 11.1.
- Strickled wire is not generally necessary, but has proven effective in reducing the possibility of radio interference.
- The power supply shall acquire its gower from a low impedance source such as the alternator or generator end of the electrical busin as close to the batters as possible.
- For penetrating pressure half, refer to the sitcraft service transact.
- Check of swionics systems for interference:

Cooking at the power supply connectors with the incusting plate flat on a bench, the left connector is the stoops suited. The right connector is the power input and synchronization.

Left Commercial (Previor Cultout)

Pin 1. (Tag) - RED wine/arrode Pin 2. (Center) - BLACK wire/cathode Pin 3. (Bottom) - WHITE wire/ringer

Right Commeder (Power Ingrat)

Pin 1 (Two) - PED wee/13 to 30 vall, positive input

Pin 2. (Center) - BLACK wire/ground

Pin 3. (Bottom) Synchronization pintf synchronization is desined, context as: 18 gags wire between pin 3 on each power supply.

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