



US Department of Transportation  
Federal Aviation Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

Form Approved  
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make <b>Piper</b>	Model <b>PA-22-135</b>
	Serial No. <b>22-1646</b>	Nationality and Registration Mark <b>N3383A</b>
2. Owner	Name (As shown on registration certificate) <b>Frank P. Sperandeo III</b>	Address (As shown on registration certificate) <b>15841 Pear Cir. Fayetteville, AR 72704</b>

**3. For FAA Use Only**

THE ABOVE DATA IDENTIFIED HEREIN COMPLIES WITH APPLICABLE AIRWORTHINESS REQUIREMENTS AND IS APPROVED ONLY FOR THE ABOVE DESCRIBED AIRCRAFT SUBJECT TO CONFORMITY INSPECTION BY A PERSON AUTHORIZED IN FAR 43.7.

6/18/96 *Paul J. Hall*  
DATE FAA INSPECTOR

**4. Unit Identification**

**5. Type**

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

**6. Conformity Statement**

A. Agency's Name and Address <b>K. V. Turney 17654 Marshall St. Garfield, AR 72732</b>	B. Kind of Agency	C. Certificate No. <b>1464298</b>
	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certified Repair Station	
<input type="checkbox"/> Manufacturer		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date <b>5/18/96</b>	Signature of Authorized Individual <i>K. V. Turney</i>
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**7. Approval for Return To Service**

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is  APPROVED  REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection <b>5/18/96</b>	Certificate or Designation No.	Signature of Authorized Individual <i>K. V. Turney</i>
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01		MCR	A1
02		(SIGHT) M	A2
03		Weight and balance	A3
04		compatible with all previous alterations	A4
05		CS	A5
06		ASAI	A6
07		ASB	A7
08		AST	A8
		OTHER	A9

RECEIVED  
NOTICE

MAY 28 1996

FAA  
RWL/ESDO-11  
(11)

Weight and balance changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued compliance with the applicable airworthiness requirements.

Description of Work Accomplished:  
If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

1. Installed Whelen Co. Beacon flasher Model 70509, T50-C96a, FAA approved, on underside of aircraft using 2-#8-32 machine screws, according to enclosed installation instruction sheet.
2. Installed Potter-Brumfield 5 amp. circuit breaker #W23X1A1G3 on panel.
3. Installed one 12VLT Cessna style rocker switch on panel.
4. All wiring installed in accordance with AC43.13-1A Sec 3 Fig. 11-7.
5. No significant change of existing weight and balance of aircraft.

**WHELEN**  
ENGINEERING COMPANY

MODEL 70509 FLASHER  
TSO-C96a approved.

3.75" HT.

2.625" DIA.

LENS ASSEMBLY

CLAMP RING

LAMP ASSEMBLY

FLASHER/MOUNTING BASE ASSY.

RED (+)

BLACK (-)

### MODEL 70509 FLASHER

Whelen Engineering introduces the MODEL 70509 FLASHER, a totally self-contained, flashing anti-collision light assembly that is FAA TSO-C96a approved! The MODEL 70509 FLASHER features a rugged polycarbonate lens with internal optics (patent pending), replaceable halogen lamp and flasher assemblies.

The MODEL 70509 FLASHER can be installed as a replacement on Cessna aircraft, 1967-1972, on most general aviation aircraft, home built, and ultralights. A separate flasher power pack is not needed because the unit is completely self-contained!

**BASIC INSTALLATION:** Connect existing (+28VDC) or (+14VDC) to the red lead on the flasher assembly; connect (-ground) lead to the black lead on the flasher assembly. (BE SURE TO SPECIFY YOUR AIRCRAFT VOLTAGE.) Both leads must be connected by an approved aircraft connection.

Install the 2 1/2" diameter flasher/mounting base assembly making sure all leads are clear of any obstruction and secure with two mounting screws. Re-assemble lamp and lens assembly. Flasher is now ready for use.

If additional information is required, contact Whelen Engineering Company, Aviation Division, Chester CT.

**SPECIFICATIONS:**

CURRENT DRAW - 1.35 AMPS @ 28V  
- 1.35 AMPS @ 28V

WEIGHT - .27 lbs.

WIRE - 20 AWG Teflon

LAMP - 35W Halogen

FILAMENT - CC-8 (axial)

LENS - Lexan® Polycarbonate

**NOTE:** Lamp will continuously light if input power is reversed. Unit will not be damaged.

**MODEL 70509 - FLASHING ANTI-COLLISION LIGHT**

PART NUMBER	DESCRIPTION
01-0770509-05	28V FLASHER ASSY. (RED/WHITE)
01-0770509-04	28V FLASHER ASSY. (WHITE)
01-0770509-03	28V FLASHER ASSY. (RED)
01-0770509-02	14V FLASHER ASSY. (RED/WHITE)
01-0770509-01	14V FLASHER ASSY. (WHITE)
01-0770509-00	14V FLASHER ASSY. (RED)

**MOUNTING PLAN**

1.625

.156 (2 PLACES)

1.00" HOLE

ROUTE 145, WINTHROP ROAD, CHESTER, CT 06412-0684 • TELEPHONE: (203) 526-6504 • FACSIMILE: (203) 526-4078

\*\*\*\*\* END \*\*\*\*\*

Additional Sheets Are Attached