



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 ALTERATION 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

6/10/96 DATE [Signature] 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 <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. <b>1464298</b>
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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 <u>[Signature]</u>
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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 Fit. 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 <u>[Signature]</u>
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NOTICE RECEIVED  
MAY 28 1996

01	Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with the applicable airworthiness requirements.	AS	A1
02		AS	A3
03		AS	A4
04		AS	A5
05		AS	A6
06		ASA1	A7
07		ASA2	A8
08	1. AS		A9

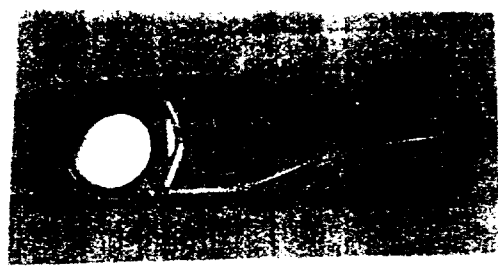
OTHER

- Removed existing "trap door" style ventilation units on boot cowl of aircraft.
- Installed two fiberglass, **NACA style**, forced air scoops, from Rattray AERO Products Co. Beloit, Wisc., on both sides of boot cowl with AN hardware rivets AN426-3-3 (MS 20426).
- Fabricated and installed two 3" x 4", 2024T6 ALUM. plenum boxes to distribute air to lower and upper cabin by means of aeroduct SCAT-4 flexible ducting connected to aluminum aircraft style eyeball vents on panel.
- No significant change of existing weight and balance of aircraft.

AS-6010  
Nasa type air Intake

(AS-146A)

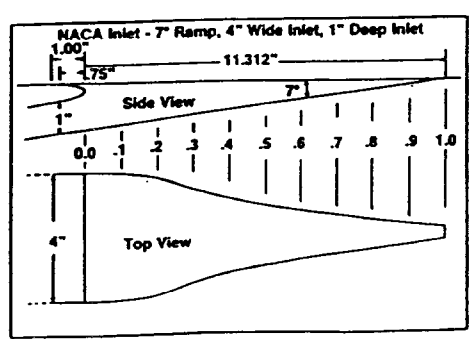
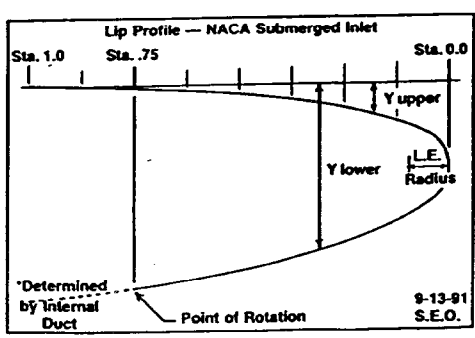
These Nasa type air intake scoops have round hose attachment built on the back side. This is our own design air scoop. The hose attachment makes it easy to direct the air flow. All hose attachment measurements are I. D., so you can put a small piece of tubing in the hole and slip a hose over the tubing and clamp it down. They come in the following sizes;



Scoop Size	Hole Size	Price
3/4"	1/2"	\$15.00
1"	5/8"	15.00
1 1/2"	1 1/4"	15.00
2"	1 1/2"	20.00
2 1/2"	1 3/4"	20.00
3"	2"	25.00
4"	2 1/4"	25.00
6"	3 1/2"	30.00

Crating 2.00

Other sizes can be made on special order.  
Weight 6 oz. est.



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

Additional Sheets Are Attached