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
DPA-FSDO

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 civil penalty not to exceed $1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make: Piper	Model: PA-30
	Serial No.: 30-835	Nationality and Registration Mark: N7744Y
2. Owner	Name *(As shown on registration certificate)*: Griffith Evans	Address *(As shown on registration certificate)*: 117 South Summit Street, Wheaton, Illinois 60187

3. For FAA Use Only

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. Kind of Agency	C. Certificate No.
Benton Miller 317 Edgebrook Drive Sandwich, Illinois 60548	X U.S. Certificated Mechanic Foreign Certificated Mechanic Certificated Repair Station Manufacturer	[redacted]

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	Signature of Authorized Individual
March 24, 1999	T. Benton Miller

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 [X] APPROVED [ ] REJECTED

BY	FAA Flt. Standards Inspector		Manufacturer	X	Inspection Authorization	Other *(Specify)*
	FAA Designee		Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
March 24, 1999	[redacted]	T. Benton Miller

FAA Form 337 (12-88)

NOTICE

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

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

Removed Grimes anti-collision light system including all wiring, lamp assemblies, and power supply. Installed new Whelen anti-collision light system in accordance with Whelen Anti-collision Strobe light systems installation and service manual dated November 1, 1992. This installation is authorized under STC SA800EA.

AC43.13-2A, Chapter 4, all paragraphs was used as a guide for the installation and inspection of this strobe light system.

Revised Weight and Balance form completed and enterd in aircraft documents.

----------END----------

| | Additional Sheets Are Attached

* U.S.G.P.O. 1990-761-753

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 7-14-92

OK FOH

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
GL19

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: Piper	Model: PA-30
	Serial No.: 30-835	Nationality and Registration Mark: N7744Y
2. Owner	Name *(As shown on registration certificate)*: Griffith Evans David C. Evans Mary K. Evans	Address *(As shown on registration certificate)*: 117 S. Summit St. Wheaton, IL 60187

3. For FAA Use Only

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. Kind of Agency	C. Certificate No.
Airtronics, Inc. P. O. Box 297 Clintonville, WI 54929	U.S. Certificated Mechanic Foreign Certificated Mechanic X Certificated Repair Station Manufacturer	JW5R977M

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	Signature of Authorized Individual
March 24, 1992	Daniel McCullen

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						Other *(Specify)*
	FAA Flt. Standards Inspector		Manufacturer		Inspection Authorization	
	FAA Designee	X	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
March 24, 1992	JW5R977M	Daniel McCullen

FAA Form 337 (12-88)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 7-14-92

NOTICE

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

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

Installed the following equipment:

WX-900 Stormscope Antenna at station 210.0, aircraft belly
WX-900 Stormscope Display at station 64.0, pilots instrument panel

The above installation was accomplished in accordance with the manufacturers instructions and AC 43.13 - 1A & 2A. The aircraft weight and balance was revised to reflect this installation and entered into aircraft records. In addition the following item is to be noted:

A. The aircraft has been placarded to state the following:
WEATHER AVOIDANCE SYSTEM TO BE OPERATED IN ACCORDANCE WITH MANUFACTURERS OPERATIONS MANUAL AND THE LIMITATIONS CONTAINED THEREIN. THUNDERSTORM PENETRATION PROHIBITED.

END

☐ Additional Sheets Are Attached

☆U.S.G.P.O. 1990-761-753

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-14-92

MAR 1 9 1992

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 DPA-FSDO

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 PIPER PA-30	Model PA-30
	Serial No. 30-835	Nationality and Registration Mark N7744Y
2. Owner	Name *(As shown on registration certificate)* DAVID C EVANS, MARY EVANS, GRIFFITH EVANS.	Address *(As shown on registration certificate)* 117 I 17 SO. SUMMIT AVE. WHEATON, IL. 60187

3. For FAA Use Only

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. Kind of Agency	C. Certificate No
N.C. SELIG 9 So 324 AERO DRIVE NAPERVILLE, IL. 60564	X U.S. Certificated Mechanic Foreign Certificated Mechanic Certificated Repair Station Manufacturer	I406583

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	Signature of Authorized Individual
16 MARCH 1992	N. C. Selig

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						Other *(Specify)*
	☐ FAA Flt. Standards Inspector	☐	Manufacturer	X	Inspection Authorization	
	☐ FAA Designee	☐	Repair Station	☐	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
16 MARCH 1992	I406583	N. C. Selig

FAA Form 337 (12-88)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-14-92

NOTICE

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

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

(I) INSTALLED NOSE LANDING GEAR TIRE, SIZE I5X 6.06-6
6 PLY IN PLACE OF ORIGINAL 5.00X6 6PLY I/A/W
STC SAI806SO NO WT. CHANGE.

END

☐ Additional Sheets Are Attached

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 N DATE: 10 - 1 - 91

AUG 1 3 1991

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 DPA-FSDO

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: Piper	Model: PA-30
	Serial No.: 30-835	Nationality and Registration Mark: N7744Y
2. Owner	Name *(As shown on registration certificate)*: Dave Evans, Mary Evans, Griffith Evans.	Address *(As shown on registration certificate)*: 117 So. Summit Ave. Wheaton, IL. 60187

3. For FAA Use Only

4. Unit Identification / **5. Type**

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				
POWERPLANT	Lycoming	IO-320-B1A (LH) LIO-320-B1A (RH)	RL-2276-55A L-316- 66A		X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
N.C. Selig 950 Aero Drive Naperville, IL. 60564	[X] U.S. Certificated Mechanic [ ] Foreign Certificated Mechanic [ ] Certificated Repair Station [ ] Manufacturer	1406583

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	Signature of Authorized Individual
16 Aug 1991	N. C. Selig

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 [X] APPROVED [ ] REJECTED

BY						Other *(Specify)*
	[ ]	FAA Flt. Standards Inspector	[ ]	Manufacturer	[X] Inspection Authorization	
	[ ]	FAA Designee	[ ]	Repair Station	[ ] Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection	Certificate or Designation No.	Signature of Authorized Individual
16 Aug 1991	1406583	N. C. Selig

FAA Form 337 (12-88)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 N DATE: 10 - 1 - 91

NOTICE

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

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

Installed exhust tube extensions and clamps both engines on PA-30 N7744Y as per Drawing no. 8990 of STC SA2648SO of the Gulfcoast Stacks Co. Foley, AL.

END

☐ Additional Sheets Are Attached

FAA AIRCRAFT REGISTRY
CAMERA NO. 1/N DATE: 5-29-91

APR 10 1991

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION DPA-FSDO

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.

1. AIRCRAFT	MAKE: PIPER PA-30	MODEL: PA-30	
	SERIAL NO.: 30-685	NATIONALITY AND REGISTRATION MARK: N7744Y	
2. OWNER	NAME (As shown on registration certificate): DAVID EVANS, MARY EVANS, GRIFFITH EVANS	ADDRESS (As shown on registration certificate): 1175 SO. SUMMIT AVE WHEATON IL. 60187	

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE: REPAIR	5. TYPE: ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
N.P. SELIG 950324 AERO DRIVE NAPERVILLE IL. 60564	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	1406563

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
4 APR. 1991	N.P. Selig

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 [X] APPROVED [ ] REJECTED

BY					OTHER (Specify)
	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	X	INSPECTION AUTHORIZATION	
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
4-4-91	1406563	N.P. Selig

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 1/Y DATE: 5-29-91

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Stainless Steel brake discs installed in accordance with S.T.C. Number SA428NE

☐ ADDITIONAL SHEETS ARE ATTACHED

☆U.S. GOVT. PRINTING OFFICE: 1977—771-021/250

FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 1-29-90

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1

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

FOR FAA USE ONLY
OFFICE IDENTIFICATION
ACE-FSDO-63

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.

1. AIRCRAFT	MAKE: PIPER	MODEL: PA - 30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: N7744Y
2. OWNER	NAME (As shown on registration certificate): Master Pneumatic Detroit, Inc.	ADDRESS (As shown on registration certificate): 6701 Eighteen Mile Road, Sterling Heights, MI 48078

3. FOR FAA USE ONLY

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. KIND OF AGENCY	C. CERTIFICATE NO.
Clark O. Putman 22671 Cunningham Warren, MI 48091	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	IA1186101

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: 6/3/88

SIGNATURE OF AUTHORIZED INDIVIDUAL: Clark O Putman

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 [X] APPROVED [ ] REJECTED

BY					OTHER (Specify)
	[ ] FAA FLT. STANDARDS INSPECTOR	[ ] MANUFACTURER	[X] INSPECTION AUTHORIZATION		
	[ ] FAA DESIGNEE	[ ] REPAIR STATION	[ ] CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
6/3/88	IA1186101	Clark O Putman

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 1-29-90

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Removed Dual 12V 50 amp generator system & install inter-av dual alternator system in accordance with report 65-113 Rev.c dated 5//11//81 of STC SA3345W dated 9/15/75

AIRCRAFT	2367.5	85.0	201272.3
REMOVE GENERATORS	-38.7	38.15	- 1476.4
INSTALL ALTERNATORS	+22.0	38.15	839.3
	2350.8	85.34	200635.2

New Empty Weight 2350.8
New EWCG 85.34

☐ ADDITIONAL SHEETS ARE ATTACHED

U S GPO 1981 775-332 47

FAA AIRCRAFT REGISTRY
CAMERA NO. 1 DATE: 1-29-90

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE DESIGNATION: AGL-152

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.

1. AIRCRAFT	MAKE: Piper	MODEL: PA-30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: N7744Y
2. OWNER	NAME (As shown on registration certificate): Master Pneumatic	ADDRESS (As shown on registration certificate): 6701 18 Mile Rd. Utica, MI 48087

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / **5. TYPE**

UNIT	MAKE	MODEL	SERIAL NO.	5. REPAIR	5. ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Clark O. Putman 22671 Cunningham Warren, MI 48091	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	1186101

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
1-16-87	Clark O Putman

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 [X] APPROVED [ ] REJECTED

BY						OTHER (Specify)
	FAA FLT. STANDARDS INSPECTOR		MANUFACTURER	X	INSPECTION AUTHORIZATION	
	FAA DESIGNEE		REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
1-16-87	1186101	Clark O Putman

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 1-29-90

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Install stainless steel brake disc kit in accordance with STC SA428NE

End

☐ ADDITIONAL SHEETS ARE ATTACHED

☆U.S. GOVERNMENT PRINTING OFFICE: 1977—771-021/290

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION

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

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.

1. AIRCRAFT	MAKE: Piper	MODEL: PA-30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: N7744Y
2. OWNER	NAME (As shown on registration certificate): Master Pneumatic Detroit, Inc.	ADDRESS (As shown on registration certificate): 6701 Eighteen Mile Rd, Sterling Heights, Michigan 48078

3. FOR FAA USE ONLY

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. KIND OF AGENCY	C. CERTIFICATE NO.
Clark O. Putman 22671 Cunningham Warren, Michigan 48091	X U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURER	1A1186101

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
7-30-79	Clark O Putman

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	X	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE		REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
7-30-79	1A1186101	Clark O Putman

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Removed Piper Air Flow Kit PN 760409 and installed Piper Counter Rotating Power Plant Conversion Kit PN 760368 in accordance with Piper Kit installation instructions. Both Kits same weight, so no weight and balance change. End

☐ ADDITIONAL SHEETS ARE ATTACHED

U.S. GOVERNMENT PRINTING OFFICE : 1967 OF—272-045

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

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.

1. AIRCRAFT	MAKE: PIPER	MODEL: PA30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: N7744Y
2. OWNER	NAME (As shown on registration certificate): MASTER PNEUMATIC DETROIT INC.	ADDRESS (As shown on registration certificate): 6701 EIGHTEEN MILE RD. STERLING HEIGHTS, MI. 48078

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / 5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE: REPAIR	5. TYPE: ALTERATION
AIRFRAME	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆ (As described in item 1 above) ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE:				
	MANUFACTURER:				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
AIRTRONICS INC 6320 HIGHLAND RD. PONTIAC MI. 48054	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	GL-63-12

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
MAY 31, 1979	Jack Pemberton

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given person 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						OTHER (Specify)
	FAA FLT. STANDARDS INSPECTOR		MANUFACTURER		INSPECTION AUTHORIZATION	
	FAA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
	GL 63-12	Jack Pemberton

FAA Form 337 (7-67) GPO : 1972 O -475-509 (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

INSTALLED NARCO BLIND ENCODING ALTIMETER MODEL AR500 TSO C-88 & NEW KING KT-76A TRANSPONDER TSO C74B CLASS 1. THE INSTALLATION WAS DONE INACCORDANCE WITH MANUFACTURES RECOMMENDATIONS & AC 43.13. THE TRANSPONDER & ALTITUDE REPORTING SYSTEM HAVE BEEN TESTED IN ACCORDANCE WITH ~~SECTION~~ 43-6. FAR 91.36 & FAR 91.177 HAVE BEEN COMPLIED WITH. THE PILOT ~~STATIC~~ ALTIMETER WAS TESTED TO 20,000 FT. BY METRO AIRCRAFT INSTRUMENTS INC. CRS.# 3027 ON MAY 30,1979. THE STATIC SYSTEM WAS TESTED ON MAY 31,1979 IN ACCORDANCE WITH FAR 43 APPENDIX E. FAR 91.170 HAS BEEN COMLIED WITH. THE ABOVE MENTIONED TRANSPONDER COMPLIES WITH FAR 91.24 & FAR ~~SECTION~~ 135.143.

☐ ADDITIONAL SHEETS ARE ATTACH

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

KIA

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

JUL 2 8 1974

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION GADO
1-4-14

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.

1. AIRCRAFT	MAKE: Piper	MODEL: PA-30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: N7744Y
2. OWNER	NAME (As shown on registration certificate): Donald Detwiler	ADDRESS (As shown on registration certificate): 4202 2nd Ave. Altoona, Pa. 16602

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / 5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE: REPAIR	5. TYPE: ALTERATION
AIRFRAME	•••••••••••••••••••• (As described in item 1 above) ••••••••••••••••••••				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Penn-Air Inc. P.O. Box 368 Martinsburg, Pa. 16662	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	#1519

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
7-16-74	Donald Detwiler c/inap

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		INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
7-16-74	#1519	Donald Detwiler c/inap

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Removed rotating beacon model WRML-12 and installed Whelen strobe model HR in accordance with AC 43.13.1 Chapter 11 and AC 43.13-2 Chapter 2 & 6.

Electrical load is less then 80% of the generator output.

Ground interference and flight check completed with all equipment operating and found no interference. Weight and balance and equipment list was change dto show the above installation.

☐ ADDITIONAL SHEETS ARE ATTACHED

U.S. G.P.O. 1972/720-694/545/1303

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

FAA NOV 1 1973

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION BGC GEN 1-4-74

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.

1. AIRCRAFT	MAKE: Piper	MODEL: Pa 30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: 7744 Y
2. OWNER	NAME (As shown on registration certificate): Donald Detwiler	ADDRESS (As shown on registration certificate): 4202 2nd Avenue, Altoona, Pa. 16602

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / **5. TYPE**

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE: REPAIR	5. TYPE: ALTERATION
AIRFRAME	••••••••••••••••••••• (As described in item 1 above) •••••••••••••••••••••				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Penn Airtronics Inc. P.O. Box 368 Martinsburg, Pa. 16662	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	#1111

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
10-29-73	Gary D Steele Insp

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 [X] APPROVED [ ] REJECTED

BY							
		FAA FLT. STANDARDS INSPECTOR		MANUFACTURER		INSPECTION AUTHORIZATION	OTHER (Specify)
		FAA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
10-29-73	#1111	Gary D Steele Insp

FAA Form 337 (7-67) (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Removed Bendix ADF model T 12 C. Removed Narco Mark 12 Nov Comm and Narco VOA 5 omni converter.

Installed the following equipment in A/C instrument panel using space provided by the A/C manufacturer. King KR 85 ADF, King KI 225 ADF indicator, King KX 170B nov comm, King KNI 520 VOR glide slope indicator. This equipment installed using Piper drawing #33410 - 33400. Installed King Loop Antenna on bottom of fuselage using King drawing # KR 85-1. ADF installation was made using present ADF Sense antenna. Installed King KN 73 glide slope rec. and King KN 77 omni converter on A/C radio rack located in aft fuselage area. Installation made using King supplied mounting brackets and instructions. Installed Narco ELT 10 crash locator beacon in accordance with A/C 43 13 2 charpter 2 & 3. Ground interferance and flight check completed with all equipment operating (ELT in arm position) and found no interferience.

The above installations meet the required things set forth in AC 43 13 1 and AC 43 13 2. Aircraft electrical load check and found not to exceed 80% of generator output.

Aircraft weight & balance and equipment list changed to show this installation.

☐ ADDITIONAL SHEETS ARE ATTACHED

U.S. G.P.O. 1972/720-694/545/1303

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

3A

FEDERAL AVIATION AGENCY
APPLICATION FOR AIRWORTHINESS CERTIFICATE

FORM APPROVED
BUDGET BUREAU NO. 04-R058.1

INSTRUCTIONS: Please print or type. Submit this form, original only, to an authorized Federal Aviation Agency Representative. Use attachments or extra sheets as necessary.

PART I AIRCRAFT DESCRIPTION

1. AIRCRAFT IDENTIFICATION NO.	2. AIRCRAFT MAKE	3. AIRCRAFT MODEL
N 7744Y	Piper	PA-30
4. AIRCRAFT SERIAL NUMBER	**5. ENGINE MAKE**	**6. ENGINE MODEL**
30-835	Lycoming	IO-320-B1A
7. NUMBER OF ENGINES	**8. PROPELLER MAKE**	**9. PROPELLER MODEL**
Two	Hartzell	HC-E2YL-2B

PART II CERTIFICATION REQUESTED

1. APPLICATION IS HEREBY MADE FOR:
   - A. [X] ORIGINAL ISSUANCE OF CERTIFICATE (AIRCRAFT [X] NEW [ ] USED [ ] IMPORT) (CAR 1)
   - B. [ ] AMENDMENT OF CURRENT CERTIFICATE (CAR 1.62)
   - C. [ ] MULTIPLE CERTIFICATE (REF. CAR 1 AND 8)
   - D. [ ] OTHER _____ *(Specify)*

2. AIRWORTHINESS CLASSIFICATION *(Check appropriate item(s))*
   It is requested that an Airworthiness Certificate be issued to permit operation of the above described aircraft in the following classification(s):
   - A. [X] STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES) (REF. CAR 1)
   - B. [ ] LIMITED (REF. CAR 9) _____
   - C. [ ] RESTRICTED (REF. CAR 8) *(Check operation(s) to be conducted)*
     - (1) [ ] AGRICULTURAL AND PEST CONTROL
     - (2) [ ] AERIAL ADVERTISING
     - (3) [ ] AERIAL SURVEYING
     - (4) [ ] PATROLLING
     - (5) [ ] FOREST AND WILDLIFE CONSERVATION
     - (6) [ ] WEATHER CONTROL
     - (7) [ ] OTHER _____ *(Specify)*
   - D. [ ] EXPERIMENTAL (REF. CAR 1) *(Check operation(s) to be conducted)*
     - (1) [ ] AMATEUR-BUILT
     - (2) [ ] EXPERIMENT (RESEARCH AND DEVELOPMENT)
     - (3) [ ] EXHIBITION
     - (4) [ ] RACING
     - (5) [ ] TO SHOW COMPLIANCE WITH CAR _____
   - E. [ ] (OTHER) _____ *(Specify)*

3. HAS THE APPLICANT PREVIOUSLY BEEN DENIED AN AIRWORTHINESS CERTIFICATE FOR THIS AIRCRAFT? [ ] YES *(Explain)* [X] NO

PART III INSPECTION AGENCY VERIFICATION *(Not applicable to newly manufactured aircraft)*

1. IN ACCORDANCE WITH CAR 1.67(d) THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: N/A
   - A. [ ] AIRCRAFT MANUFACTURER *(Name of Firm)* _____
   - B. [ ] CERTIFICATED DOMESTIC REPAIR STATION, CERTIFICATE NO. _____
   - C. [ ] CERTIFICATED AIR CARRIER, CERTIFICATE NO. _____
   - D. [ ] CERTIFICATED MECHANIC *(Inspection Authorization)* NO. _____

DATE	SIGNATURE OF AUTHORIZED INDIVIDUAL	TITLE

PART IV OWNER'S CERTIFICATION

I hereby certify that the aircraft described above has been inspected and is airworthy and eligible for the classification(s) requested. I further certify that I am the registered owner (or his agent) of this aircraft which is registered* with the Federal Aviation Agency, as required by the Federal Aviation Act of 1958 and the applicable Federal Aviation Regulations and Regulations of the Administrator and that the following evidence of registration is displayed in the aircraft. *(Check and complete appropriate item(s): this includes completion of items 1 and 2 on the reverse side of this form.)*

1. [ ] CERTIFICATE OF REGISTRATION, FAA FORM 500 (PART A) DATE OF ISSUE _____
2. [ ] APPLICATION FOR REGISTRATION, FAA FORM 500 (PART B). FAA FORM 500 FORWARDED TO FAA AIRCRAFT REGISTRATION BRANCH ON *(Date)* _____
3. [X] DEALER'S AIRCRAFT REGISTRATION CERTIFICATE, FAA FORM 1707 *(Expiration date)* September 22, 1965
4. REGISTERED OWNER'S FULL NAME AND PERMANENT MAILING ADDRESS *(No., Street, City, Zone and State)*

Piper Aircraft Corp.
Lock Haven, Penna.

Virginia Hungiville

Virginia Hungiville

5. SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT

*In order to be eligible for registration an aircraft must be owned by a citizen of the United States as defined by Section 101(13) of the Federal Aviation Act of 1958.

6. DATE	7. TITLE
7-12-65	Supv-Order & Del. Dept.

8. ATTACHMENTS *(Check which)*
   - A. [ ] FAA FORM 337
   - B. [ ] FAA FORM 317
   - C. [ ] WEIGHT AND BALANCE REPORT
   - D. [ ] DATA, DRAWINGS, PHOTOGRAPHS, ETC. *(List separately)*
   - E. [ ] OTHER *(List separately)*

FAA Form 305 (5-62) OBSOLETE PREVIOUS EDITIONS

28 SEP 28 1965

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

FEDERAL AVIATION AGENCY
AIRCRAFT INSPECTION REPORT

(Items 1 and 2 will be verified and all other applicable items will be completed by an authorized FAA representative.)

1. AIRCRAFT CERTIFICATION BASIS

The aircraft described in PART I on the reverse of this form has been inspected and found to conform to the following:

A. [X] AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET NO. A1EA REVISION NO. 2
B. [ ] AIRCRAFT LISTING, PAGE NO.(S) _____
C. [X] AIRWORTHINESS DIRECTIVE SUMMARY 1965 (YEAR) THROUGH CARD NO. 65-11
D. [ ] SUPPLEMENTAL TYPE CERTIFICATE NO.(S) _____
E. [ ] OTHER _____ *(Specify)*

2. AIRCRAFT AND ENGINE OPERATING RECORDS

A. [X] AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
B. [X] COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
C. [ ] AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF _____ HOURS
D. [X] ENGINE RECORDS INDICATE THE FOLLOWING OPERATION:
SERIAL NO. Lt. L-1788-55A TOTAL HOURS N/A TIME SINCE OVERHAUL _____
SERIAL NO. Rt. L-1793-55A TOTAL HOURS N/A TIME SINCE OVERHAUL _____
SERIAL NO. _____ TOTAL HOURS _____ TIME SINCE OVERHAUL _____
SERIAL NO. _____ TOTAL HOURS _____ TIME SINCE OVERHAUL _____

3. AIRWORTHINESS DOCUMENTATION

A. [ ] CURRENT OPERATING RESTRICTIONS (LIMITATIONS), COPY ATTACHED
B. [ ] CURRENT OPERATING RESTRICTIONS (LIMITATIONS), AVAILABLE IN AIRCRAFT
C. [X] CURRENT APPROVED AIRCRAFT FLIGHT MANUAL, AVAILABLE IN AIRCRAFT
D. [X] CURRENT WEIGHT AND BALANCE INFORMATION, AVAILABLE IN AIRCRAFT
E. [X] THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS
F. [ ] FAA FORM 337, MAJOR REPAIR AND ALTERATION, (ATTACH WHEN REQUIRED)
G. [ ] FAA FORM 317, STATEMENT OF CONFORMITY, (ATTACH WHEN REQUIRED)
H. [ ] WEIGHT AND BALANCE REPORT, (ATTACH WHEN REQUIRED)
I. [ ] DATA, DRAWINGS, PHOTOGRAPHS, ETC., (ATTACH WHEN REQUIRED)
J. [X] AIRWORTHINESS CERTIFICATE, FAA FORM 1362, ISSUED IN ACCORDANCE WITH FAR 21.183 (a)
K. [ ] PREVIOUS FAA FORM 1362, ISSUED IN ACCORDANCE WITH CAR _____

BY _____ *(Name of Issuing Representative)* _____ *(Designation Number)*

4. FAA REPRESENTATIVE CERTIFICATION

I have inspected the aircraft described on the reverse and, on the basis of the application and the foregoing, find it conforms to its type certificate and that it is in condition for safe operation.

5. REGISTRATION INDICATED ON REVERSE IS PROPERLY DISPLAYED IN AIRCRAFT [ ] YES [X] NO *(Explain)*

Current Form FAA-1707

6. DESIGNEE'S SIGNATURE	DESIGNATION NO.	DATE
J. W. McNary, Asst. Chief Engineer	EMCR 1-1	7-12-65
7. FAA INSPECTOR'S SIGNATURE	**FAA DISTRICT OFFICE NO.**	**DATE**
E. W. Schwoebl, Edwin W. Schwoebl	EAST. REG. EMDO-41	7-20-65

8. REMARKS

The aircraft specification is being revised to show items not contained in revision number 2.

A. [X] ACCEPTED
B. [ ] REINSPECTED
C. [ ] SPOT CHECKED

9. ATTACHMENT(S) IN ADDITION TO THOSE LISTED ON REVERSE *(List separately)*

1. Copy of Form FAA-1362B.

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

M 613

UNITED STATES OF AMERICA
FEDERAL AVIATION AGENCY

CERTIFICATE OF AIRWORTHINESS

1. NATIONALITY AND REGISTRATION MARKS	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION
N77LhY	STANDARD - NORMAL

3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when maintained and operated in accordance with the Civil Air Regulations and applicable aircraft Operation Limitations.

Issued under the provision of Part 21.

4. This Certificate will remain in effect as long as the aircraft is maintained in accordance with Part 43 of the Civil Air Regulations unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency.

5. DATE OF ISSUANCE		7. DESIGNATION NO.
7-12-65	J.W.McNary,Asst.Chief Engr. Piper Aircraft Corporation	DMCR 1-1

8. *Any alteration or misuse of this Certificate is punishable by a fine of not exceeding $1,000 or imprisonment not exceeding 3 years, or both.*

GPO : 1959 OF—504936

Form FAA 13628 (5-59)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12 31 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-85

28 DEC 1970

FEDERAL AVIATION AGENCY

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

Form Approved
Budget Bureau No. 04-R060,1

FOR FAA USE ONLY

OFFICE IDENTIFICATION AGL GADO
1-4-14

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix 5, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE: Piper	MODEL: PA-30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: N7744Y
2. OWNER	NAME (As shown on registration certificate): Dale Oxygen & Acetylene Service Inc.	ADDRESS (As shown on registration certificate): 146 Horner Street Johnstown, Pa.

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / **5. TYPE**

UNIT	MAKE	MODEL	SERIAL NO.	5. REPAIR	5. ALTERATION
AIRFRAME	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆ (As described in item 1 above) ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Penn-Air Inc. Altoona-Blair County Airport Martinsburg, Pa. 16662	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	#1519

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: December 3, 1970

SIGNATURE OF AUTHORIZED INDIVIDUAL: Maurice F Taylor Chief Insp.

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 Agency and is ☒ APPROVED ☐ REJECTED

BY						
	FAA FLT. STANDARDS INSPECTOR		MANUFACTURER		INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
12-3-70	#1519	Maurice F Taylor Chief Insp.

FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION

0052-025-8000 (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

NOTICE

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

B. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Removed strobe light and power supply and installed Crimes #555. Strobe light system power supply mounted in the same place as one removed per ref. 43.13.1. and 43.13.2. ~~Fx~~ Fused from bus bar with 10 amp fuse.

Installed air flow kit per Piper kit #750-409.

Weight and balance figures have been changed to show this change.

☐ ADDITIONAL SHEETS ARE ATTACHED

* U.S. GOVERNMENT PRINTING OFFICE : 1965 OF—761-748

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

FEDERAL AVIATION AGENCY

JUL 29 68

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION
AGC EAD
7-4-74

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.

1. AIRCRAFT	MAKE: PIPER	MODEL: PA-30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: N 7744Y
2. OWNER	NAME (As shown on registration certificate): DALE OXYGEN & ACETYLENE SERVICE INC.	ADDRESS (As shown on registration certificate): 146 HORNER ST. JOHNSTOWN, PA

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION / 5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE: REPAIR	5. TYPE: ALTERATION
AIRFRAME	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆ (As described in item 1 above) ◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE:				
	MANUFACTURER:				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
PENN-AIR INC. ALTOONA-BLAIR COUNTY AIRPORT MARTINSBURG, PA. 16662	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	1519

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
7/26/68	Gary D. Steele Maint Sup

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 Agency and is ☒ APPROVED ☐ REJECTED

BY						OTHER (Specify)
	☐ FAA FLT. STANDARDS INSPECTOR	☐ MANUFACTURER		☐ INSPECTION AUTHORIZATION		
	☐ FAA DESIGNEE	☐ REPAIR STATION	X	☐ CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
7/26/68	1519	Gary D. Steele Maint Sup

FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION 0052-025-8000 (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

NOTICE

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

CONVEYANCE FILED WITH FAA AIRCRAFT REGISTRY
AUG 21 PM '68

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Installed two Hoskins Mark I Strobe Lights. Installation made I/A/W Hoskins instruction dated. June 1, 1968. Installation meets requirement set forth in FAR 43.13-1, Chapter 11 and 43.13-1, Chapter 1,2,4 and AC 20-30 External Lighting. Weight and balance has been changed to show this installation:

☐ ADDITIONAL SHEETS ARE ATTACHED

I/A/W

U.S. GOVERNMENT PRINTING OFFICE : 1965 O—761-748

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

1378-0932 37 MAY '68
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FEDERAL AVIATION AGENCY

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION AGC [illegible]
[illegible]-14

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.

1. AIRCRAFT	MAKE Piper	MODEL PA-30
	SERIAL NO. 30-835	NATIONALITY AND REGISTRATION MARK N7744Y
2. OWNER	NAME (As shown on registration certificate) Dale Oxygen & Acetylene Service Inc.	ADDRESS (As shown on registration certificate) 146 HOrner Street Johnstown, Penna. 15902

3. FOR FAA USE ONLY

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. KIND OF AGENCY	C. CERTIFICATE NO.
Penn-Air Inc. Altoona-Blair County Airport Martinsburg, Pa. 16662	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	#1519

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	SIGNATURE OF AUTHORIZED INDIVIDUAL
February 20, 1968	Gary D Steele Maintenance Supervisor

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 Agency and is [X] APPROVED [ ] REJECTED

BY					OTHER (Specify)
	FAA FLT. STANDARDS INSPECTOR		MANUFACTURER	INSPECTION AUTHORIZATION	Verified by Operator #22
	FAA DESIGNEE	X	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
2-20-68	1519	Gary D Steele Maintenance Supervisor

FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION 0052-025-8000 (8320)

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Installed Brittain Industries tip tanks, model TT-5 in accordance with Brittain Industries installation instructions #12070, STC SA 727 WE.

☐ ADDITIONAL SHEETS ARE ATTACHED

FAA AC 65-40B

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

1107-2053 37 AUG 2 '66

FEDERAL AVIATION AGENCY

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

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION EASTERN REGION GADO

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.

No. 14

1. AIRCRAFT	MAKE: Piper	MODEL: PA-30
	SERIAL NO.: 30-835	NATIONALITY AND REGISTRATION MARK: N7744Y
2. OWNER	NAME (As shown on registration certificate): Dale Oxygen & Acetylene Service, Inc.	ADDRESS (As shown on registration certificate): 146 Horner Street, Johnstown, Pennsylvania 15902

3. FOR FAA USE ONLY

The alteration identified herein complies with applicable airworthiness requirements and approved only for the above-described aircraft subject to conformity inspection by a person authorized in CAR 18.11(b).

APPROVING INSPECTOR William M. Lemmon DATE July 1, 1966

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE: REPAIR	5. TYPE: ALTERATION
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE / MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Penn-Airtronics Box 368 Martinsburg, Pa.	U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER	RS1111

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: July 1, 1966

SIGNATURE OF AUTHORIZED INDIVIDUAL: John P. Garlich chmn.

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 Agency and is [X] APPROVED [ ] REJECTED

BY						OTHER (Specify)
	FAA FLT. STANDARDS INSPECTOR		MANUFACTURER		INSPECTION AUTHORIZATION	Verified by Operator #45
	FAA DESIGNEE	X	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
July 1, 1966	RS 1111	John P. Garlich chmn.

FAA AIRCRAFT REGISTRY
CAMERA NO. 2 DATE: 12-31-86

NOTICE

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

8. DESCRIPTION OF WORK ACCOMPLISHED *(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)*

Installed Narco UAT-1 Transponder on radio rack at 144.0 inches with six each 832 screws and rivnuts. The control head was mounted in the left side of the instrument panel below the clock with four each 632 screws and lock nuts.

Installed King KA-25 isolation amplifier at 58.0 inches with four each 632 screws and lock nuts on two braces running fore and aft from the firewall to throttle quadrant.

Electrical load is 37 amps. Two 50 amp generators are installed.

Weight and balance information has been changed to reflect this alteration.

		C.G.	Moment
Old EW	2321.6	84.2	195637.0
UAT-1	9.4	144.0	1353.6
KA-25	1.0	58.0	58.0
	2332.0	84.4	197048.6

New empty weight C.G. 84.4
New Useful load 1258.1 lbs.

☐ ADDITIONAL SHEETS ARE ATTACHED

MICRO

FAA AC 65-40B1