



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).

<b>1. Aircraft</b>	Make <b>Piper</b>	Model <b>PA28-140</b>
	Serial No. <b>28-23987</b>	Nationality and Registration Mark <b>N1579J</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>Leisure Time Unlimited, Inc.</b>	Address (As shown on registration certificate) <b>Route 1, Box 614 Metropolis, IL, 62960</b>

**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	<b>Lycoming</b>	<b>0-320-E2A</b>	<b>L17732-27A</b>		<b>XX</b>
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

**6. Conformity Statement**

<b>A. Agency's Name and Address</b> <b>George W. Long, Jr.</b> <b>PO Box 22</b> <b>Akin, IL 62805</b>	<b>B. Kind of Agency</b> <input checked="" type="checkbox"/> <b>U.S. Certificated Mechanic</b> <input type="checkbox"/> <b>Foreign Certificated Mechanic</b> <input type="checkbox"/> <b>Certificated Repair Station</b> <input type="checkbox"/> <b>Manufacturer</b>	<b>C. Certificate No.</b> <b>223907327</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.**

<b>Date</b> <b>June 6, 1994</b>	<b>Signature of Authorized Individual</b> <i>George W. Long Jr.</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**

<b>BY</b>	<b>FAA FII. Standards Inspector</b>	<b>Manufacturer</b>	<input checked="" type="checkbox"/>	<b>Inspection Authorization</b>	<b>Other (Specify)</b>
	<b>FAA Designee</b>	<b>Repair Station</b>	<input type="checkbox"/>	<b>Person Approved by Transport Canada Airworthiness Group</b>	
<b>Date of Approval or Rejection</b> <b>June 6, 1994</b>		<b>Certificate or Designation No.</b> <b>223907327</b>		<b>Signature of Authorized Individual</b> <i>George W. Long Jr.</i>	

# NOTICE

## 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 supplemental Type Certificate #SE800GL concerning the use Auto Gas. Made appropriate engine Log Book entry, and made revisions to the Aircraft Flight Manual.

☐ Additional Sheets Are Attached

## NOTICE



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).

<b>1. Aircraft</b>	Make <b>Piper</b>	Model <b>PA-28-140</b>
	Serial No. <b>28-23987</b>	Nationality and Registration Mark <b>N1579J</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>Leisure Time Unlimited, Inc.</b>	Address (As shown on registration certificate) <b>Route 1, Box 614 Metropolis, IL 62960</b>

### 3. For FAA Use Only

### 4. Unit Identification

### 5. Type

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

### 6. Conformity Statement

<b>A. Agency's Name and Address</b>  George W. Long, Jr. PO Box 22 Akin, IL 62806	<b>B. Kind of Agency</b> <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	<b>C. Certificate No.</b>  223907327
---	---	--

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.

<b>Date</b>  June 6, 1994	<b>Signature of Authorized Individual</b>  
---------------------------------	---

### 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

<b>BY</b>	FAA Ftl. Standards Inspector	Manufacturer	<b>X</b>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
<b>Date of Approval or Rejection</b>  June 6, 1994		<b>Certificate or Designation No.</b>  223907327	<b>Signature of Authorized Individual</b>  		



# NOTICE


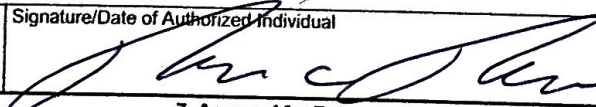
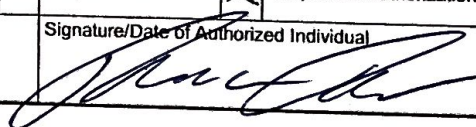
Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

## B. Description of Work Accomplished

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

Installed supplemental Type Certificate Data Sheet #SA802GL concerning the use of Auto Gas. made appropriate Aircraft Log Book entry and made revisions to the Aircraft Flight Manual.



 <b>MAJOR REPAIR AND ALTERATION</b> (Airframe, Powerplant, Propeller, or Appliance)		OMB No. 2120-0020 Exp: 01/31/2023		Electronic Tracking Number	
		For FAA Use Only			
INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))					
<b>1. Aircraft</b>	Nationality and Registration Mark USA N1579J		Serial No. 23-23987		
	Make Piper		Model PA-23-140		Series Cherokee
<b>2. Owner</b>	Name (As shown on registration certificate) Thomas J. Quinn		Address (As shown on registration certificate) 2700 N. Brook Dr Alt R215		
			City Mendenhall State TX Zip 75076 Country USA		
3. For FAA Use Only					
<b>4. Type</b>		<b>5. Unit Identification</b>			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME		(As described in Item 1 above)	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		
<b>6. Conformity Statement</b>					
A. Agency's Name and Address			B. Kind of Agency		
Name MICHAEL THOMAS			<input checked="" type="checkbox"/> U. S. Certificated Mechanic		
Address 988 LAYNE DRIVE RD			<input type="checkbox"/> Foreign Certificated Mechanic		
City WHITEVILLE State TN			<input type="checkbox"/> Certified Repair Station		
Zip 38075 Country USA			<input type="checkbox"/> Certified Maintenance Organization		
			C. Certificate No. 3918559		
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.					
Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>		Signature/Date of Authorized Individual			
		 1/25/23			
<b>7. Approval for Return to Service</b>					
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is					
<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected					
BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization		Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	Inspection Authorization		Other (Specify)
Certificate or Designation No. M/IA 3918559		Signature/Date of Authorized Individual			
		 1/25/23			

## 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.)*

USA N1579J

1/25/23

Nationality and Registration Mark

Date

Replaced existing rear white position light with uAvionix tailBeacon assembly, Part # UAV-1002183-001 in accordance with tailBeacon STC Installation Guide, Document # UAV-1002514-001.

The tailBeacon ADS-B transmitter is compliant to TSO-C154c or later and the tailBeacon integrated position sensor is compliant to TSO-C145d or later.

Electrical interface was accomplished using the existing position light circuit and confirmed appropriate per AC43.13-1B Chapter 11, Section 5&6

**Note to Installer:** *If the tailBeacon is mounted to a static location on the airframe:*

tailBeacon was installed using the existing rear position light mounting location. No modification the aircraft structure was necessary. The existing location provides a clear view of the sky and ground and does not interfere with existing control surfaces.

**Note to Installer:** *If installed on a moving control surface, specific attention must be paid to proper balance. Refer to the aircraft Manufacturer's Service Manual to determine if balancing is required and for balancing instructions. Include a statement addressing that the balancing was reviewed and adjusted as necessary. Specific guidance on performing rudder balance for an aircraft is beyond the scope of this document.*

tailBeacon was installed using the existing rear position light mounting location. The existing location provides a clear view of the sky and ground. The tailBeacon is installed on a moving control surface (rudder). Review of rudder balance was performed according to [Manufacturer Service Manual]. Complete the above statement with a description of work the necessary for the aircraft rudder balance or a statement that the balance was found to be acceptable.

**Note to Installer:** State that a ground test or operational flight evaluation (OFE) was performed with approval to return to service. Please note the OFE is often referred to as a test flight.

**Note to Installer:** *If a satisfactory ground test was conducted using ground/ramp test equipment, the following statement may be used:*

A satisfactory ground test of the ADS-B system was completed using a transponder ramp test set. The ground test checked for proper configuration of the equipment and the equipment performance requirements. The installed ADS-B system has been shown to meet the equipment requirements of CFR 14-91.227.

**Note to Installer:** *If the system has been installed, yet requires an operational flight evaluation (OFE), to make a determination of proper configuration and performance, than the following statement may be used:*

The ADS-B system has been installed and is limited to use for OFE purposes only. The system has not yet been shown to meet the requirement of CFR 14-91.227. A determination of proper configuration and performance has yet to be established via an operational flight evaluation in accordance with CFR 14-91.407(b).

**Note to Installer:** *A second Form 337 is required to be submitted to document the completion of the operational flight evaluation. Following completion of a flight that demonstrates compliance with 91.227 submit the second Form 337 and include the following statement:*

"The installed ADS-B OUT system has been shown to meet the equipment requirements of CFR 14-91.227."

**Note to Installer:** *After successful ground test or OFE (flight test), document in the aircraft maintenance records that the ADS-B system installation has been completed and include the following statement:*

"The installed ADS-B OUT system has been shown to meet the equipment requirements of CFR 14-91.227."

(additional sheet attached)

☐ Additional Sheets Are Attached

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA04427CH

*This certificate issued to* uAvionix Corporation  
2411 W. Winnemac Avenue  
Chicago, IL 60625

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part \* of the \* Regulations.*

*Original Product - Type Certificate Number \** \* See attached FAA Approved Model List (AML) No. SA04427CH for  
*Make: \** list of approved airplane models and applicable airworthiness  
*Model: \** regulations.

*Description of Type Design Change:*

Installation of the uAvionix tailBeacon Automatic Dependent Surveillance-Broadcast (ADS-B) Out in accordance with uAvionix tailBeacon Installation Manual UAV-1002514-001, Revision B, dated August 28, 2019 and AML Number SA04427CH or later FAA approved revisions.

*Limitations and Conditions:*

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) A copy of this certificate and FAA Approved Model List (AML) Number SA04427CH issued September 13, 2019, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.
- 3) FAA Approved Airplane Flight Manual Supplement as listed on FAA AML No. SA04427CH, or later FAA approved revision, is required on board the modified aircraft.
- 4) If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* May 7, 2019

*Date reissued:*

*Date of issuance:* September 13, 2019

*Date amended:*



*By direction of the Administrator*

*Thomas Blank*

(Signature)

for Steven L. Lardinois  
Manager, Systems Section  
Chicago ACO Branch

(Title)



**Piper PA-28-140****Airworthiness Directive  
Compliance Report**

Date: 01/06/2024      Tail: N1579J      S/N: 28-23987

Hours: 5394.79

Misc:

Engine: Lycoming O-320-E2A

S/N: RL-17732-27A

Hours: 5394.79

Propeller: Sensenich 74D (M74D) Series

S/N: R32756

Hours: 5394.79

**Airframe: Piper PA-28-140**

AD#	Category	Subject	Amdt #	Eff Date	Recurring
62-19-03	Airframe	Propeller Attachment Bolts	478	08/28/62	NO
Date/Hours at Compliance:		Method of Compliance:			
11/28/2022		Not Applicable			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
64-06-06	Airframe	Control Wheel Assembly	696	04/06/64	Yes
Date/Hours at Compliance:		Method of Compliance:			
11/05/2023		Not Applicable			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
65-06-06	Airframe	Fuel Quantity Gauge Sender	39-46	03/12/65	Yes*
Date/Hours at Compliance:		Method of Compliance:			
11/05/2023		Previously Complied With			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
67-12-06	Airframe	Tube Corrosion	39-386	07/31/67	NO
Date/Hours at Compliance:		Method of Compliance:			
11/28/2022		Not Applicable			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
67-20-04	Airframe	Main Landing Gear Link	39-456	09/27/67	NO
Date/Hours at Compliance:		Method of Compliance:			
11/28/2022		Previously Complied With			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
67-26-02	Airframe	Fuel Selector Valve	39-603	05/22/68	NO
Date/Hours at Compliance:		Method of Compliance:			
11/28/2022		Not Applicable			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
67-26-03	Airframe	Fuel System Screens and Filters	39-582	04/12/68	Yes
Date/Hours at Compliance:		Method of Compliance:			
11/05/2023		Not Applicable			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
69-22-02	Airframe	Failure of Control Wheel	39-3521	07/30/79	Yes*
Date/Hours at Compliance:		Method of Compliance:			
11/05/2023		Previously Complied With			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
70-16-05	Airframe	Exhaust Muffler Cracks	39-1446	05/19/72	Yes*
Date/Hours at Compliance:		Method of Compliance:			
11/05/2023		Previously Complied With			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			
70-18-05	Airframe	Landing Gear Link Bolts	39-1076	09/07/70	NO
Date/Hours at Compliance:		Method of Compliance:			
11/28/2022		Not Applicable			
Next Due Date/Hours:		Signature			
		DocuSigned by:			
		Michael Turner			
		CA472C81D300400...			

<b>70-26-04</b>	<b>Airframe</b>	<b>Stabilizer Balance Weight Tube</b>	<b>39-1232</b>	<b>06/24/71</b>	<b>Yes</b>
Date/Hours at Compliance: <b>11/05/2023</b>	Method of Compliance: <b>Previously Complied With</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>71-14-06</b>	<b>Airframe</b>	<b>Inadvertent Grounding of Magnetos</b>	<b>39-1243</b>	<b>07/09/71</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Not Applicable</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>71-21-08</b>	<b>Airframe</b>	<b>Fuel Selector Handle</b>	<b>39-1312</b>	<b>10/13/71</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Not Applicable</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>72-08-06</b>	<b>Airframe</b>	<b>Landing Gear Torque Links</b>	<b>39-1433</b>	<b>04/14/72</b>	<b>Yes</b>
Date/Hours at Compliance: <b>11/05/2023</b>	Method of Compliance: <b>Previously Complied With</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>72-14-07</b>	<b>Airframe</b>	<b>Stabilator Hinge Attachment Fittings</b>	<b>39-1478</b>	<b>07/07/72</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Previously Complied With</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>72-24-02</b>	<b>Airframe</b>	<b>Throttle Movement Placard</b>	<b>39-1557</b>	<b>11/17/72</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Previously Complied With</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>74-06-02</b>	<b>Airframe</b>	<b>AVCON Mufflers</b>	<b>39-1798</b>	<b>03/18/74</b>	<b>Yes*</b>
Date/Hours at Compliance: <b>11/05/2023</b>	Method of Compliance: <b>Previously Complied With</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>74-09-04</b>	<b>Airframe</b>	<b>Rear Seat Belt Installation</b>	<b>39-1821</b>	<b>04/24/74</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Not Applicable</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>74-13-04</b>	<b>Airframe</b>	<b>Throttle Control Cable</b>	<b>39-1875</b>	<b>06/21/74</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Not Applicable</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>75-02-03</b>	<b>Airframe</b>	<b>Nose Wheel Fork Assembly</b>	<b>39-2066</b>	<b>11/26/74</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Previously Complied With</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>75-08-03</b>	<b>Airframe</b>	<b>Fuel Drain Valves</b>	<b>39-2148</b>	<b>04/04/75</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Previously Complied With</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>77-01-01</b>	<b>Airframe</b>	<b>Erroneous Fuel Quantity Gauge</b>	<b>39-2796</b>	<b>01/07/77</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Not Applicable</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				
<b>77-23-03</b>	<b>Airframe</b>	<b>Engine Control Rod End Bearings</b>	<b>39-3071</b>	<b>11/14/77</b>	<b>NO</b>
Date/Hours at Compliance: <b>11/28/2022</b>	Method of Compliance: <b>Not Applicable</b>	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559	
Next Due Date/Hours:	Signature				

<b>87-08-08 R3</b>	<b>Airframe</b>	<b>Rescission of 87-08-08 and Subsequent Revisions</b>	<b>39-6195</b>	<b>05/22/89</b>	<b>NO</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/28/2022</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>96-10-01 R1</b>	<b>Airframe</b>	<b>Landing Light</b>	<b>39-10862</b>	<b>12/14/98</b>	<b>NO</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/28/2022</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>96-10-03</b>	<b>Airframe</b>	<b>Flap Handle Bolt</b>	<b>39-9608</b>	<b>06/14/96</b>	<b>NO</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/28/2022</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>99-05-09</b>	<b>Airframe</b>	<b>Induction Air Filter</b>	<b>39-11057</b>	<b>03/19/99</b>	<b>NO</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/28/2022</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>10-15-10</b>	<b>Airframe</b>	<b>Control Wheel Shafts</b>	<b>39-16376</b>	<b>08/31/10</b>	<b>NO</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/28/2022</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>13-02-13</b>	<b>Airframe</b>	<b>Stabilator Control System</b>	<b>39-17334</b>	<b>03/11/13</b>	<b>Yes</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/05/2023</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>17-14-04</b>	<b>Airframe</b>	<b>Oil Cooler Hose Assemblies</b>	<b>39-18948</b>	<b>08/15/17</b>	<b>Yes*</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/05/2023</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>18-07-03</b>	<b>Airframe</b>	<b>Fuel Tank Selector Cover Placards</b>	<b>39-19234</b>	<b>04/20/18</b>	<b>NO</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/28/2022</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>20-24-05</b>	<b>Airframe</b>	<b>Main Wing Spar Corrosion</b>	<b>39-21335</b>	<b>12/28/20</b>	<b>Yes</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/05/2023</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559

**Engine: Lycoming O-320-E2A**

<b>AD#</b>	<b>Category</b>	<b>Subject</b>	<b>Amdt #</b>	<b>Eff Date</b>	<b>Recurring</b>
<b>55-02-02</b>	<b>Engine</b>	<b>Accessory Drive Adapter Gasket</b>		<b>02/28/55</b>	<b>NO</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/28/2022</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>59-10-07</b>	<b>Engine</b>	<b>Cylinder Baffle Clamps</b>		<b>07/01/59</b>	<b>NO</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/28/2022</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559
<b>63-23-02</b>	<b>Engine</b>	<b>Exhaust Valves and Valve Guides</b>	<b>39-627</b>	<b>12/09/63</b>	<b>Yes</b>
Date/Hours at Compliance:		Method of Compliance:			
<b>11/05/2023</b>		<b>Previously Complied With</b>			
Next Due Date/Hours:		Signature	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner	Cert#: 3918559



64-16-05	Engine	Oil Seal Failure in AC Fuel Pumps	765	07/10/64	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
66-20-04	Engine	Oil Filter Adapter Gasket	39-277	08/27/66	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
73-23-01	Engine	Piston Pin Cracks From Grinding	39-2804	01/13/77	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
75-08-09	Engine	Oil Pump Drive Shaft and Impeller	39-3013	08/18/77	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
87-10-06 R1	Engine	Rocker Arm Assembly	39-6293	09/01/89	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
90-04-06 R1	Engine	Propeller Governor External Oil Line	39-6915	05/28/91	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
92-12-05	Engine	Piston Pin Failure	39-8265	07/10/92	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
93-11-11	Engine	Diaphragm Fuel Pumps Overhauled (by AAI) - Remove Affected Pump and Replace	39-8584	06/21/93	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
95-26-02	Engine	Detonation Due To Low Octane	39-9460	01/24/96	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
96-09-10	Engine	Oil Pump Impeller Failure	39-9586	07/15/96	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
97-15-11	Engine	Piston Pin Failure	39-10085	08/12/97	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
98-02-08	Engine	Crankshaft Corrosion Pits	39-10291	03/30/98	Yes
Date/Hours at Compliance: 11/05/2023	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
98-17-11	Engine	Crankshafts Installed by Nelson Balancing Service	39-10713	10/19/98	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				

04-10-14	Engine	Crankshaft Gear Retaining Bolt	39-13644	06/25/04	Yes
Date/Hours at Compliance: 11/05/2023	Method of Compliance: Previously Complied With	DocuSigned by: Michael Turner CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
06-12-07	Engine	ECi Cylinder Assemblies	39-14632	07/11/06	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: Michael Turner CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
07-04-19 R1	Engine	Superior Air Parts Cylinder Assemblies	39-15005	05/07/07	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: Michael Turner CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
09-26-12	Engine	ECi Cracked Cylinder Assemblies	39-16151	02/04/10	Yes
Date/Hours at Compliance: 11/05/2023	Method of Compliance: Previously Complied With	DocuSigned by: Michael Turner CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				
17-16-11	Engine	Connecting Rod Failure	39-18988	08/15/17	NO
Date/Hours at Compliance: 11/28/2022	Method of Compliance: Previously Complied With	DocuSigned by: Michael Turner CA472C81D300400...	Name: Michael Turner Cert#: 3918559		
Next Due Date/Hours:	Signature				

**Propeller: Sensenich 74D (M74D) Series**

AD#	Category	Subject	Amdt #	Eff Date	Recurring
60-11-08	Propeller	Hub Cracks	166	05/28/60	Yes
Date/Hours at Compliance: 11/05/2023		Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...		Name: Michael Turner Cert#: 3918559
Next Due Date/Hours:		Signature			
66-11-03	Propeller	Superseded By 66-23-02			NO
Date/Hours at Compliance: 11/28/2022		Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...		Name: Michael Turner Cert#: 3918559
Next Due Date/Hours:		Signature			
66-23-02	Propeller	Corrosion Pits Under Water Soluble Mid Blade Decals	39-289	10/01/66	NO
Date/Hours at Compliance: 11/28/2022		Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...		Name: Michael Turner Cert#: 3918559
Next Due Date/Hours:		Signature			
03-13-17	Propeller	T and W Serviced Propellers	39-13219	07/18/03	NO
Date/Hours at Compliance: 11/28/2022		Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...		Name: Michael Turner Cert#: 3918559
Next Due Date/Hours:		Signature			
05-14-11	Propeller	Southern California Propeller Serviced Propellers	39-14188	08/17/05	NO
Date/Hours at Compliance: 11/28/2022		Method of Compliance: Previously Complied With	DocuSigned by: <i>Michael Turner</i> CA472C81D300400...		Name: Michael Turner Cert#: 3918559
Next Due Date/Hours:		Signature			



UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION  
**STANDARD AIRWORTHINESS CERTIFICATE**

1 NATIONALITY AND REGISTRATION MARKS  <b>N1579J</b>	2 MANUFACTURER AND MODEL  <b>PIPER PA 28-140</b>	3 AIRCRAFT SERIAL NUMBER  <b>28-23987</b>	4 CATEGORY  <b>NORMAL OR UTILITY</b>
--	--	--	--

**5 AUTHORITY AND BASIS FOR ISSUANCE**

This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:

**NONE**

**6 TERMS AND CONDITIONS**

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE  <b>R-11/29/1967</b>	FAA REPRESENTATIVE  <b>DOUGLAS WILSON</b>	DESIGNATION NUMBER  <b>GL-FSDO-19</b>
---	--	---

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years or both.  
**THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.**





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

SDI FS00 ay

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-28-140</b>
	Serial No. <b>28-23987</b>	Nationality and Registration Mark <b>N1579J</b>
2. Owner	Name (As shown on registration certificate) <b>Leisure Time Unlimited, Inc.</b>	Address (As shown on registration certificate) <b>Route 1, Box 614 Metropolis, IL 62960</b>

3. For FAA Use Only

4. Unit Identification

5. Type

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

6. Conformity Statement

A. Agency's Name and Address <b>George W. Long, Jr. PO Box 22 Akin, IL 62806</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>223907327</b>
---	--	--

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  
**June 6, 1994**

Signature of Authorized Individual

*George W. Long Jr.*

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>June 6, 1994</b>		Certificate or Designation No. <b>223907327</b>	Signature of Authorized Individual <i>George W. Long Jr.</i>		

**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 supplemental Type Certificate Data Sheet #SA802GL concerning the use of Auto Gas. made appropriate Aircraft Log Book entry and made revisions to the Aircraft Flight Manual.

☐ Additional Sheets Are Attached



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

SDP BDO QY

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>PA28-140</b>
	Serial No. <b>28-23987</b>	Nationality and Registration Mark <b>N1579J</b>
2. Owner	Name (As shown on registration certificate) <b>Leisure Time Unlimited, Inc.</b>	Address (As shown on registration certificate) <b>Route 1, Box 614 Metropolis, IL, 62960</b>

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	<b>Lycoming</b>	<b>O-320-E2A</b>	<b>L17732-27A</b>		<b>XX</b>
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address <b>George W. Long, Jr. PO Box 22 Akin, IL 62805</b>	B. Kind of Agency	C. Certificate No. <b>223907327</b>
	<input checked="" type="checkbox"/> U.S. Certified Mechanic	
	Foreign Certified Mechanic	
	Certified Repair Station	
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>June 6, 1994</b>	Signature of Authorized Individual <b>George W. Long Jr.</b>
-----------------------------	---

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>June 6, 1994</b>		Certificate or Designation No. <b>223907327</b>	Signature of Authorized Individual <b>George W. Long Jr.</b>	

JUN 13 1994



### 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 supplemental Type Certificate #SE800GL concerning the use Auto Gas. Made appropriate engine Log Book entry, and made revisions to the Aircraft Flight Manual.

☐ Additional Sheets Are Attached



U.S. 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

FSDO-7

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-28-140</b>
	Serial No. <b>28-23987</b>	Nationality and Registration Mark <b>N1579J</b>
2. Owner	Name (As shown on registration certificate) <b>Valley Aircraft Sales</b>	Address (As shown on registration certificate) <b>218 Grant St. Petersburg, WV 26847</b>

3. For FAA Use Only

4. Unit Identification

Unit	Make	Model	Serial No.	5. Type	
				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>Henson Aviation Inc. P.O. Box 689 Hagerstown, MD 21740</b>	B. Kind of Agency	C. Certificate No. <b>HNAR001A</b>
	<input type="checkbox"/> U.S. Certificated Mechanic	
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated 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>6/12/91</b>	Signature of Authorized Individual <i>William N. H. Meedy</i>
------------------------	--

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	<input type="checkbox"/> FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	<input type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection <b>6/12/91</b>		Certificate or Designation No. <b>HNAR001A</b>	Signature of Authorized Individual <i>William N. H. Meedy</i>	

## 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 A ACK A-30 ALTITUDE ENCODER

INSTALLATION IN ACCORDANCE WITH PROCEDURES OUTLINED IN AC 43.13-1A, CHAPTER 11, SECTION 2, SECTION 3, SECTION 4, SECTION 7 AND AC 43.13-2A CHAPTER 1, CHAPTER 2, AND THE EQUIPMENT MANUFACTURERS INSTRUCTION MANUAL #ACK DATED 5/22/89.

THE ATC TRANSPONDER & ALTITUDE REPORTING SYSTEM WAS TESTED AS PER FAR 91.217, FAR 43 APPENDIX F AND FAR 43 APPENDIX E (2) (c) USING AN IFR 600A SN 942 RAMP TESTER AND A CASTLEBERRY 377 SN 623 PITOT/STATIC TEST SET.

TOTAL RUNNING LOAD DOES NOT EXCEED 80% OF THE CAPACITY OF THE AIRCRAFT'S ALTERNATOR. CIRCUITS PROTECTED BY CIRCUIT BREAKERS OF A SIZE RECOMMENDED BY THE EQUIPMENT MANUFACTURER.

EACH SYSTEM CHECKED TOGETHER AND SEPERATELY WITH NO ADVERSE EFFECT NOTED IN ANY SYSTEM. TESTS PERFORMED USING AN IFR 401 AND 600A RAMP TESTERS.

A/C LOG AND EQUIPMENT LIST ENTRIES MADE. WEIGHT AND BALANCE CHANGE RECORDED. PERTINENT DETAILS OF THIS INSTALLATION ARE ON FILE AT THIS AGENCY UNDER A/C FILE #1579J.

END



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 *095*  
*PEH-GADD-17*

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 <b>Piper</b>	MODEL <b>PA28-140</b>
	SERIAL NO. <b>28-23987</b>	NATIONALITY AND REGISTRATION MARK <b>N1579J</b>
2. OWNER	NAME (As shown on registration certificate) <b>Wilson, Michael F.</b>	ADDRESS (As shown on registration certificate) <b>94 Sunrise Crescent Rochester N.Y. 14622</b>

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>Jeffrey M. Boshart Genesee Co. Airport Batavia NY. 14020</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>61481899</b>
---	--	---------------------------------------

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>June 14, 1985</b>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Jeffrey M. Boshart</i>
------------------------------	---

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 <b>June 15, 1985</b>		CERTIFICATE OR DESIGNATION NO. <b>61481899IA</b>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Jeffrey M. Boshart</i>		

## 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.)

Performed the following repairs in accordance with manufacturers service instructions, AC43.13-1A, -2 and applicable FAR, s.

Installed servicable right and flap. Replaced right strut assembly P/N 78738-003, r/h torque links p/n 78033-00 and strut fairing p/n 63338-00. Re-rigged entire aircraft flight control system I/A/W manufacturers service manual

-----END-----

☐ ADDITIONAL SHEETS ARE ATTACHED

W. Paul Foster

Form Approved  
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**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 PA28-140
	SERIAL NO. 28-23987	NATIONALITY AND REGISTRATION MARK N 1579 J
2. OWNER	NAME (As shown on registration certificate) David F. Wickham	ADDRESS (As shown on registration certificate) 2124 Edgemere Drive Rochester, N. Y. 14612

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

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

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS Arthur D. Rice 105 Palmyra Road Marion, N. Y. 14505	<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC	C. CERTIFICATE NO. A&P 1349247 IA
	<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC	
	<input type="checkbox"/> CERTIFICATED 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 10/10/73	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Arthur D. Rice</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	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 10/10/73	CERTIFICATE OR DESIGNATION NO. A&P 1349247 IA		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Arthur D. Rice</i>	



## 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 an emergency locator transmitter weighing 1.2 pounds manufactured by Emergency Beacon Corporation model number EBC-102A serial number 6741 inside cockpit on left side rear window post 28 inches above floor board 132.4 inches aft of aircraft datum line with four sheet metal screws. Revised aircraft equipment list and weight and balance.

The above installation was static load tested with 3 G up, 9 G forward, 6.6 G down, and 1.5 G side loads and were found to meet AC 43.13-1 requirements.

\*\*\*\*\* NOTHING FOLLOWS \*\*\*\*\*

☐ ADDITIONAL SHEETS ARE ATTACHED