

N8538P

1964 Commanche 400

FAA 377's



MSN: 26-119

Prepared by the worldwide aviation specialists at RidgeAir, Inc.



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

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))

1. Aircraft	Nationality and Registration Mark US N8538P	Serial No. 26-119
	Make PIPER	Model PA24-400
2. Owner	Name (As shown on registration certificate) NOVO ENTERPRISES	Address (As shown on registration certificate) Address 39 SANDIA MOUNTAIN TRAIL
		City EDGEWOOD State NM
		Zip 87015 Country US

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	PIPER	(As described in Item 1 above)	26-119
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. OECR893K
Name	AIR ONE SYSTEMS LLC	☐ U. S. Certificated Mechanic	☐ Manufacturer	
Address	7401 ATRISCO VISTA BLVD NW	☐ Foreign Certificated Mechanic		
City	ALBUQUERQUE State NM	☒ Certificated Repair Station OECR893K		
Zip	87120 Country UNITED STATES OF AMERICA	☐ Certificated Maintenance Organization		

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 ☐	Signature/Date of Authorized Individual David J Espinosa 8-26-2024
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7. Approval for Return-to-Service

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 ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. OECR893K	Signature/Date of Authorized Individual David J Espinosa 8-26-2024
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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.)

US N8538P

Nationality and Registration Mark

8-26-2024

Date

REMOVED BENDIX/KING KX-170B PN 069-1020-00 SN 23351 AND KING NAV INDICATOR
KI -213 PN 066-3025-00 SN 1154.

INSTALLED SERVICEABLE GARMIN GNS 530AW PN 011-01067-00 SN 24120007 IN SAME
LOCATION AS REMOVED KX-170B.

INSTALLATION DONE IAW GARMIN STC# SA01933LA-D USING GARMIN PART 23 AML STC
INSTALLATION MANUAL PN PN 190-00357-02 REV N.

AFMS PN 190-00357-03 REV F AND ICA'S PN 190-00357-65 REV D CREATED AND GIVEN TO
OWNER/CUSTOMER THIS DATE.

ALL OPERATIONAL CHECKS GOOD ON GROUND.

LOG BOOK ENTRY COMPLETED

AIRCRAFT WILL BE RE-WEIGHED BY OUTSIDE FACILITY BEFORE RETURN TO SERVICE
REFERENCE WO# 9454 FOR DETAILS

END

☐ Additional Sheets Are Attached



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

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))

1. Aircraft	Nationality and Registration Mark US N8538P	Serial No. 26-119
	Make PIPER	Model PA24-400
2. Owner	Name (As shown on registration certificate) NOVO ENTERPRISES	Address (As shown on registration certificate) Address 39 SANDIA MOUNTAIN TRAIL
		City EDGEWOOD State NM
		Zip 87015 Country US

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	PIPER	(As described in Item 1 above)	26-119
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name AIR ONE SYSTEMS LLC		U. S. Certificated Mechanic	Manufacturer
Address 7401 ATRISCO VISTA BLVD NW		Foreign Certificated Mechanic	C. Certificate No.
City ALBUQUERQUE State NM		☒ Certificated Repair Station OECR893K	OECR893K
Zip 87120 Country UNITED STATES OF AMERICA		Certificated Maintenance Organization	

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 ☐	Signature/Date of Authorized Individual David J Espinosa 8-26-2024
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7. Approval for Return to Service

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 ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. OECR893K	Signature/Date of Authorized Individual David J Espinosa 8-26-2024
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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.)

US N8538P

Nationality and Registration Mark

8-26-2024

Date

REMOVED HORIZON GYRO PN 5000B-38 SN T41302, D.G. PN 4000G SN 54719F, T/C PN 1394T100 SN 772-340, VSI PN UNK SN 4633, ALTIMETER PN 5934PA-3 SN 408179, AIRSPEED INDICATOR PN SA-46-1RB SN 36292, SUCTION GAGE PN UNK SN 19668.

INSTALLED NEW ASPEN EVOLUTION 2000 MAX SYSTEM CONSISTING OF EFD 1000 PRO MAX PFD PN 910-0001-021B SN 31733, EFD 1000 PRO MAX MFD PN 910-0001-021B SN 31324 PFD RSM PN 910-00003-011 SN 207204 AND RSM FOR MFD PN 910-00003-011 SN 206902.

INSTALLATION DONE IN ACCORDANCE WITH ASPEN STC# SA10822SC USING ASPEN INSTALL MANUAL DOC# 900-00003-001 REV CM.

AFMS DOC# 900-00008-001 REV AP AND ICA'S DOC# 900-00012-001 REV AE CREATED AND GIVEN TO OWNER/ CUSTOMER THIS DATE.

ALL OPERATIONAL CHECKS GOOD ON GROUND.

LOG BOOK ENTRY COMPLETED.

AIRCRAFT WILL BE RE-WEIGHED BY OUTSIDE FACILITY BEFORE RETURN TO SERVICE
REFERENCE WO# 9454 FOR FURTHER DETAILS.

END

☐ Additional Sheets Are Attached



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

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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))

1. Aircraft	Nationality and Registration Mark US N8538P	Serial No. 26-119
	Make PIPER	Model PA24-400
2. Owner	Name (As shown on registration certificate) NOVO ENTERPRISES	Address (As shown on registration certificate) Address 39 SANDIA MOUNTAIN TRAIL City EDGEWOOD State NM Zip 87015 Country US

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	PIPER	(As described in Item 1 above)	26-119
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name AIR ONE SYSTEMS LLC	Address 7401 ATRISCO VISTA BLVD NW	U. S. Certificated Mechanic	Manufacturer
City ALBUQUERQUE State NM	Zip 87120 Country UNITED STATES OF AMERICA	Foreign Certificated Mechanic	C. Certificate No.
		☒ Certificated Repair Station OECR893K	OECR893K
		Certificated Maintenance Organization	

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 ☐	Signature/Date of Authorized Individual David J Espinosa 8-26-2024
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7. Approval for Return to Service

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 ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee ☒	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. OECR893K	Signature/Date of Authorized Individual David J Espinosa 8-26-2024
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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.)

US N8538P

8-26-2024

Nationality and Registration Mark

Date

REMOVED GARMIN GTX 327 TRANSPONDER PN 011-00490-00 SN 83726892, GDL 82 PN 011-03946-40 SN 4PF005227, AND ACK A-30 ENCODER SN 49636.

INSTALLED NEW GARMIN GTX 345 ADSB TRANSPONDER PN 011-03302-02 SN 7KV001561 AND GARMIN ALTITUDE ENCODER GAE-12 PN 011-03080-01 SN 3TG028435.

INSTALLATION DONE IAW GARMIN STC# SA01714WI USING GARMIN PART 23 AML STC INSTALL MANUAL PN 190-00734-10 REV 16.

AFMS PN 190-00734-15 REV 5 AND ICA'S PN 190-00734-11 REV 8 CREATED AND GIVEN TO OWNER CUSTOMER THIS DATE.

ALL OPERATIONAL CHECKS GOOD ON GROUND.

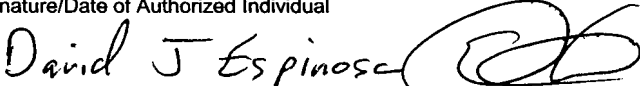
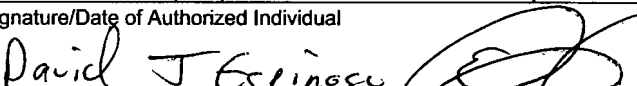
LOG BOOK ENTRY COMPLETED.

AIRCRAFT WILL BE RE-WEIGHED BY OUTSIDE FACILITY BEFORE RETURN TO SERVICE.

REFERENCE WO# 9454 FOR FURTHER DETAILS.

END

☐ Additional Sheets Are Attached

 US Department of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		OMB No. 2120-0020 Exp: 5/31/2018		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))							
1. Aircraft		Nationality and Registration Mark US N8538P			Serial No. 26-119		
		Make PIPER			Model PA24-400		Series
2. Owner		Name (As shown on registration certificate) NOVO ENTERPRISES			Address (As shown on registration certificate) Address 39 SANDIA MOUNTAIN TRAIL		
					City EDGEWOOD	State NM	Zip 87015 Country US
3. For FAA Use Only							
4. Type		5. Unit Identification					
Repair	Alteration	Unit	Make	Model	Serial No.		
☐	☒	AIRFRAME	PIPER	(As described in Item 1 above)		26-119	
☐	☐	POWERPLANT					
☐	☐	PROPELLER					
☐	☐	APPLIANCE	Type	Manufacturer			
6. Conformity Statement							
A. Agency's Name and Address				B. Kind of Agency			
Name AIR ONE SYSTEMS LLC Address 7401 ATRISCO VISTA BLVD NW City ALBUQUERQUE State NM Zip 87120 Country UNITED STATES OF AMERICA				U. S. Certificated Mechanic Foreign Certificated Mechanic ☒ Certificated Repair Station OECR893K Certificated Maintenance Organization			
				Manufacturer C. Certificate No. OECR893K			
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 ☐		Signature/Date of Authorized Individual  8-26-2024					
7. Approval for Return to Service							
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 ☒ Approved ☐ Rejected							
BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization		Persons Approved by Canadian Department of Transport		
	FAA Designee	☒ Repair Station	Inspection Authorization		Other (Specify)		
Certificate or Designation No. OECR893K			Signature/Date of Authorized Individual  8-26-2024				

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.)

US N8538P

Nationality and Registration Mark

8-26-2024

Date

INSTALLED TRIO SINGLE AXIS AUTOPILOT CONSISTING OF TRIO CONTRLLER PN 20000000 SN CP0828 AND TRIO ROLL SERVO PN 30010000 SN 1365.

INSTALLATION DONE IAW THE STC GROUP TRIO AUTOPILOT STC# SA04230CH USING TRIO PIPER PA 24 INSTALLATION MANUAL PN 1024002.

AFMS PN L-1006-01 REV C AND ICA'S PN L-1006-02 REV L CREATED AND GIVEN TO OWNER/CUSTOMER THIS DATE.

ALL OPERATIONAL CHECKS GOOD ON GROUND.

LOG BOOK ENTRY COMPLETED.

AIRCRAFT WILL BE RE-WEIGHED BY OUTSIDE FACILITY BEFORE RETURN TO SERVICE.

REFERENCE WO# 9454 FOR FURTHER DETAILS.

END

☐ Additional Sheets Are Attached

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				OMB No. 2120-0020 Exp: 8/31/2014		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))								
1. Aircraft	Nationality and Registration Mark N8538P			Serial No. 26-119				
	Make Piper			Model PA-24		Series 400		
2. Owner	Name (As shown on registration certificate) Hans W Munich			Address (As shown on registration certificate)				
				Address PO BOX 163 City Yakutat State AK Zip 99890-160 Country USX				
3. For FAA Use Only								
4. Type		5. Unit Identification						
Repair	Alteration	Unit	Make	Model	Serial No.			
☐	☒	AIRFRAME	<u>Piper</u>	(As described in Item 1 above)		<u>26-119</u>		
☐	☐	POWERPLANT						
☐	☐	PROPELLER						
☐	☐	APPLIANCE	Type					
			Manufacturer					
6. Conformity Statement								
A. Agency's Name and Address				B. Kind of Agency				
Name Wayne Munich Address 71 Aeroview Ln City Eastsound State WA Zip 98245-9729 Country US				☒	U. S. Certified Mechanic		☐	Manufacturer
				☐	Foreign Certified Mechanic		C. Certificate No. 2808491	
				☐	Certificated Repair Station			
				☐	Certificated Maintenance Organization			
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 ☐			Signature/Date of Authorized Individual 11/29/2019					
7. Approval for Return to Service								
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 ☒ Approved ☐ 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. 2808491			Signature/Date of Authorized Individual 12/02/2019					

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.)

US N8538P

11/29/2019

Nationality and Registration Mark

Date

Installed Garmin ADS-B GDL-82 with GPS, P/N 010-1560-31, S/N 4PF005227 and GPS Antenna P/N 013-00235-00 GA35, SN 173352 using TSO installation manual 190-01810-00, dated Mar 2018, Revision 5.

Change to weight and balance negligible.

END

☐ Additional Sheets Are Attached

FAA FORM 8130-6, APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE

Form Approved O.M.B. No. 2120-0018
12/31/2010

 U.S. Department of Transportation Federal Aviation Administration		APPLICATION FOR U.S. AIRWORTHINESS CERTIFICATE		INSTRUCTIONS - Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use attachment. For special flight permits complete Sections II, VI and VII as applicable.			
I. AIRCRAFT DESIGNATION	1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (Make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFR.	FAA CODING		
	N8538P	Piper	PA-24-400	1965			
	5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (Make)	7. ENGINE MODEL DESIGNATION				
	26-119	Lycoming	IO-720				
	8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (Make)	10. PROPELLER MODEL DESIGNATION	11. AIRCRAFT IS (Check if applicable)			
	1	Hartzell	HC-A3MVK-4	IMPORT			
APPLICATION IS HEREBY MADE FOR: (Check applicable items)							
A 1 ☒ STANDARD AIRWORTHINESS CERTIFICATE (Indicate Category) ☒ NORMAL ☐ UTILITY ☐ ACROBATIC ☐ TRANSPORT ☐ COMMUTER ☐ BALLOON ☐ OTHER							
B ☐ SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)							
7 ☐ PRIMARY							
9 ☐ LIGHT-SPORT (Indicate Class) ☐ AIRPLANE ☐ POWER-PARACHUTE ☐ WEIGHT-SHIFT-CONTROL ☐ GLIDER ☐ LIGHTER THAN AIR							
2 ☐ LIMITED							
5 ☐ PROVISIONAL (Indicate Class) 1 ☐ CLASS I 2 ☐ CLASS II							
3 ☐ RESTRICTED (Indicate operation(s) to be conducted) 1 ☐ AGRICULTURE AND PEST CONTROL 2 ☐ AERIAL SURVEY 3 ☐ AERIAL ADVERTISING							
4 ☐ FOREST (Wildlife Conservation) 5 ☐ PATROLLING 6 ☐ WEATHER CONTROL							
0 ☐ OTHER (Specify)							
4 ☐ EXPERIMENTAL (Indicate operation(s) to be conducted) 1 ☐ RESEARCH AND DEVELOPMENT 2 ☐ AMATEUR BUILT 3 ☐ EXHIBITION							
4 ☐ AIR RACING 5 ☐ CREW TRAINING 6 ☐ MARKET SURVEY							
0 ☐ TO SHOW COMPLIANCE WITH THE CFR 7 ☐ OPERATING (Primary Category) KIT BUILT AIRCRAFT							
8 ☐ OPERATING LIGHT-SPORT 8A ☐ Existing Aircraft without an airworthiness certificate & do not meet § 103.1							
8B ☐ Operating Light-Sport Kit-Built							
8C ☐ Operating light-sport previously issued special light-sport category airworthiness certificate under § 21.190							
8 ☐ SPECIAL FLIGHT PERMIT (Indicate operation(s) to be conducted then complete Section VI or VII as applicable on reverse side) 1 ☐ FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE, OR STORAGE							
2 ☐ EVACUATION FROM AREA OF IMPENDING DANGER							
3 ☐ OPERATION IN EXCESS OF MAXIMUM CERTIFICATED TAKE-OFF WEIGHT							
4 ☐ DELIVERING OR EXPORTING 5 ☐ PRODUCTION FLIGHT TESTING							
6 ☐ CUSTOMER DEMONSTRATION FLIGHTS							
C 6 ☐ MULTIPLE AIRWORTHINESS CERTIFICATE (check ABOVE "Restricted Operation" and "Standard" or "Limited" as applicable)							
A. REGISTERED OWNER (As shown on certificate of aircraft registration) IF DEALER, CHECK HERE							
NAME Broadie's Aircraft & Engine Service, Inc. ADDRESS 200 Commander Road, Hangar 2N Fort Worth, TX 76106							
B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)							
☒ AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET (Give No. and Revision No.) 1A15 ☒ AIRWORTHINESS DIRECTIVES (Check if all applicable AD's are complied with and give the number of the last AD SUPPLEMENT available in the biweekly series as of the date of application) 200703							
AIRCRAFT LISTING (Give page number(s)) N/A ☒ SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) 5A235WE							
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS							
☒ CHECK IF RECORDS IN COMPLIANCE WITH 14 CFR Section 91.417 TOTAL AIRFRAME HOURS 5662.8 3 ☐ EXPERIMENTAL ONLY (Enter hours flown since last certificate issued or renewed)							
D. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above, that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 et seq. and applicable Federal Aviation Regulations, and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.							
DATE OF APPLICATION 02-13-09 NAME AND TITLE (Print or type) K.A. Broadie, President SIGNATURE [Signature]							
A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete the section only if 14 CFR part 21.183(d) applies.)							
2 ☐ 14 CFR part 121 CERTIFICATE HOLDER (Give Certificate No.) 3 ☐ CERTIFICATED MECHANIC (Give Certificate No.) 6 ☒ CERTIFICATED REPAIR STATION (Give Certificate No.) WF1R582K							
5 ☐ AIRCRAFT MANUFACTURER (Give name or firm)							
DATE 02-13-09 TITLE President SIGNATURE [Signature]							
(Check ALL applicable block items A and B)							
A. I find that the aircraft described in Section I or VII meets requirements for 4 ☐ THE CERTIFICATE REQUESTED							
B. Inspection for a special permit under Section VII was conducted by: FAA INSPECTOR CERTIFICATE HOLDER UNDER FAA DESIGNEE 14 CFR part 65 14 CFR part 121 OR 135 14 CFR part 145							
DATE 02/13/2009 MIDO/FSDO Office 4 DESIGNEE'S SIGNATURE AND NO. 1 FAA INSPECTOR'S SIGNATURE [Signature]							

VI. PRODUCTION FLIGHT TESTING	A. MANUFACTURER							
	NAME		ADDRESS					
	B. PRODUCTION BASIS (Check applicable item)							
	☐ PRODUCTION CERTIFICATE (Give production certificate number)		☐ TYPE CERTIFICATE ONLY					
	☐ APPROVED PRODUCTION INSPECTION SYSTEM							
	C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS							
DATE OF APPLICATION		NAME AND TITLE (Print or Type)		SIGNATURE				
VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST	A. DESCRIPTION OF AIRCRAFT							
	REGISTERED OWNER		ADDRESS					
	BUILDER (Make)		MODEL					
	SERIAL NUMBER		REGISTRATION MARK					
	B. DESCRIPTION OF FLIGHT							
	FROM		TO					
	VIA		DEPARTURE DATE	DURATION				
	C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT							
	☐	PILOT	☐	CO-PILOT	☐	FLIGHT ENGINEER	☐	OTHER (Specify)
	D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:							
	E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION: (Use attachment if necessary)							
	F. CERTIFICATION - I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Title 49 of the United States Code 44101 <u>et seq.</u> and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is safe for the flight described.							
	DATE		NAME AND TITLE (Print or Type)		SIGNATURE			
VIII. AIRWORTHINESS DOCUMENTATION (FAA designee use only)	A. Operating Limitations and Markings in Compliance with 14 CFR Section 91.9, as applicable.			G. Statement of Conformity, FAA Form 8130-9 (Attach when required)				
	B. Current Operating Limitations Attached			H. Foreign Airworthiness Certification for Import Aircraft (Attach when required)				
	C. Data, Drawings, Photographs, etc. (Attach when required)			I. Previous Airworthiness Certificate Issued in Accordance with 14 CFR Section <u>21.187a</u> <u>Specification 1415</u> (Original Attached)				
	D. Current Weight and Balance information Available in Aircraft							
	E. Major Repair and Alteration, FAA Form 337 (Attach when required)			J. Current Airworthiness Certificate Issued in Accordance with 14 CFR Section <u>21.187(d)(1)</u> (Copy Attached)				
	F. This inspection Recorded in Aircraft Records			K. Light-Sport Aircraft Statement of Compliance, FAA Form 8130-15 (Attach when required)				

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS N8538F	2 MANUFACTURER AND MODEL Piper PA-24-400	3 AIRCRAFT SERIAL NUMBER 26-119	4 CATEGORY Normal
---	---	---------------------------------------	--------------------------

5 AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 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 Administrator, 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 R 02/08/1965	FAA REPRESENTATIVE Mark Wilborn, PMI	DESIGNATION NUMBER AFW FSDO SW-191
--------------------------------------	---	---

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.

FAA Form 8100-2 (3-08)

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY	
CERTIFICATE OF AIRWORTHINESS	
1. NATIONALITY AND REGISTRATION MARKS N8538P	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION 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. <u>Issued under the provision of Part 21.</u>	
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 2-8-65	7. DESIGNATION NO. DNCR 1-1
6. 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.	



BROADIE'S AIRCRAFT

Meacham Field Airport

200 Commander Road, Hangar 2N, Fort Worth, Texas 76106

817.626.1532 Phone / 817.626.1537 Fax

www.BroadiesAircraft.com

February 17, 2009

Mark Wilborn
Federal Aviation Administration
Flight Standards District Office
13601 North Freeway, Suite 100
Fort Worth, Texas 76177

Dear Mr. Wilborn,

We have recently discovered that the airworthiness certificate has been lost for N8538P Piper PA-24-400 Serial Number: 26-119, and we would like to request that a replacement airworthiness certificate be issued. The aircraft is currently in our hangar and is in the process of being sold to an out of state buyer.

An Application for U.S. Airworthiness Certificate is enclosed. Please contact us if there is any additional information that you may require.

Thank you for your assistance – it is greatly appreciated.

Best regards,

Allisen Prigel



SEP 27 2002

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 *mm*

Office Identification

AFW 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 PA24-400
	Serial No. 26-119	Nationality and Registration Mark N8538P
2. Owner	Name (As shown on registration certificate) PAUL JOHNSON	Address (As shown on registration certificate) 4500 RATCLIFF ADDISON TX 75001

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 DUAL-CHT&EGT	46126	249329		X
	Manufacturer ALCOR				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
BROADIE'S AIRCRAFT AND ENGINE SERVICE 200 COMMANDER RD 2 N FORT WORTH TX 76106	☐ U.S. Certificated Mechanic	WF1R582K
	☐ Foreign Certificated Mechanic	
	☒ Certificated Repair Station	
	☐ 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
09-05-02

Signature of Authorized Individual

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) WF1R582K
	FAA Designee ☒	Repair Station	Person Approved by Transport Canada Airworthiness Group		
Date of Approval or Rejection 09-05-02		Certificate or Designation No. WF1R582K	Signature of Authorized Individual 		

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

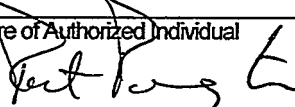
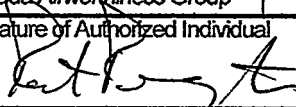
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

REMOVED OLD CHT ANALOG INSTRUMENT AND PROBE. INSTALLED NEW ALCOR CHT AND EGT KIT #46126. PER STC SA522-SW. USING INSTRUCTIONS SUPPLIED WITH STC AND OPERATION MANUAL. ALL WORK WAS DONE IN ACCORDANCE WITH AC43-13-1B. WEIGHT CHANGE NEGLIGIBLE. RETURN TO SERVICE.

***** End Report *****

☐ Additional Sheets Are Attached

SEP 28 2000

 U.S. Department Of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		Form Approved FAA-D-441 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 AC43.9-1 (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-24-400		
	Serial No. 26-119		Nationality and Registration Mark 8538P		
2. Owner	Name (As shown on registration certificate) CASF LTD		Address (As shown on registration certificate) 2122 Country Club Dr STE 280 Carrollton Tx 75006-5603		
	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.	
Pat Pennington 1611 Blake Drive Richardson, Tx. 75081		☒ U.S. Certificated Mechanic ☐ Foreign Certificated Mechanic ☐ Certificated Repair Station ☐ Manufacturer		456611219 A&P	
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 9-26-00		Signature of Authorized Individual 			
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					
FAA Fit Standards Inspector	Manufacturer	☒	Inspection Authorization	Other (Specify)	
FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group		
Date of Approval or Rejection 9-26-00	Certificate or Designation No. 456611219	Signature of Authorized Individual 			

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.)

AIRCRAFT TYPE: PA-24-400

S/N: 26-119

N#: 8538P

Complied with Propeller Balance I/A/W Smooth Propeller Manual.

Weight & Balance Negligible.

~~~~~  
END  
~~~~~

☐ Additional Sheets Are Attached

JUN 30 2000

FAA-DAT 1 AS



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

SV05 RLO

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 PA24-400
	Serial No. 26-119	Nationality and Registration Mark N8538P
2. Owner	Name (As shown on registration certificate) CASF LTD	Address (As shown on registration certificate) 2122 Country Club Dr Ste 280 Carrollton, TX 75006-5603

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 James Sammons 4849 Haverwood #503 Dallas, TX 75248	B. Kind of Agency ☒ U.S. Certificated Mechanic ☐ Foreign Certificated Mechanic ☐ Certificated Repair Station ☐ Manufacturer	C. Certificate No. 430470346A&P
--	--	------------------------------------

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 6/27/00	Signature of Authorized Individual
-----------------	--

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	☒	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 6/27/00		Certificate or Designation No. 430470346IA	Signature of Authorized Individual 		

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.)

N8538P

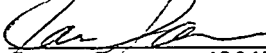
S/N 26-119

Tach: 953.9

Date: 6/27/00

Removed RH aileron aft skin. Disassembled internal structure of aileron. Inspected internal structure, removed corrosion and treated. Replaced existing spar with factory new spar PN 20213-000 using original type fasteners.

I certify that I have inspected the internal structure of the aileron for damage and corrosion - none found. O.K. to close.



James Sammons 430470346IA

Installed factory new aft skin PN 20234-019 using original type fasteners. All work performed in accordance with Piper PA24-400 Maintenance Manual and AC43.13-1B section 4, para 4-57.

-----END-----

☐ Additional Sheets Are Attached

RECEIVED

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

JUL 02 1996

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

Kwe

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

FAA-DALLAS
SW05

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-24-400
	SERIAL NO. SERIAL NO.26-119	NATIONALITY AND REGISTRATION MARK N 8538P
2. OWNER	NAME (As shown on registration certificate) PAUL S. JOHNSON JR.	ADDRESS (As shown on registration certificate) 10254 CARRYBACK CIR DALLAS, TX. 75229

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	IO720A1A	RL-273-54		X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
KURT A. MUELLER 1020 WEST FOX AVE. LEWISVILLE TX. 75067	☒ U.S. CERTIFICATED MECHANIC	
	☐ FOREIGN CERTIFICATED MECHANIC	
	☐ CERTIFICATED REPAIR STATION	
	☐ 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 6/27/96	SIGNATURE OF AUTHORIZED INDIVIDUAL KURT A. MUELLER
-----------------	---

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

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 6/27/96		CERTIFICATE OR DESIGNATION NO. 318542176	SIGNATURE OF AUTHORIZED INDIVIDUAL SCOTT V. GOODLEY	

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.)

N 8538P 06-27-1996

INSTALLED LIGHT WEIGHT STARTER ON N8538P PER FAA APPROVED S.T.C. #SE1081NE AND S.T.C. # SE00226NY
PAGE'S 1 THRU 3 ,AT STATION # 7 UPDATED WEIGHT AND BALANCE , GROUND OP'S CHECK OKAY ,AND RETURNED
AIRCRAFT TO SERVICE .

----- E N D -----

☐ Additional Sheets Are Attached

RECEIVED SEP 16 1987 MAJOR REPAIR AND ALTERATION WP FSDO (Airframe, Powerplant, Propeller, or Appliance)		DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION WP-FSDO-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 SERIAL NO. 26-119	MODEL PA-24-400 NATIONALITY AND REGISTRATION MARK N8538P			
2. OWNER	NAME (As shown on registration certificate) Cronquist Mackey	ADDRESS (As shown on registration certificate) 9 Crestview Dr. San Rafael, CA 94903			
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	(As described in item 1 above)			REPAIR	ALTERATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
Redwood Aviation Enterprises, Inc. 2238 Airport Blvd. Santa Rosa, CA 95403		U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC ☒ CERTIFICATED REPAIR STATION MANUFACTURER		407-15 LP R1, 2, 3 LI A1, 2 LSS	
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			
04 September 1987		Thomas K. Raboin #407-15			
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	☒ REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
04 September 1987		407-15	Thomas K. Raboin #407-15		

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 King KT96 Radiotelephone, King KX170B NAV/COM and King KI201C Converter-Indicator from aircraft. Installed King KX155 NAV/COM in accordance with King KX155/KX165 VHF NAV/COM Transceiver Installation Manual, P/N 006-0179-04, Revision 4, dated Aug. 1985; Section II, Para. 2.3, 2.3.1, 2.3.2, 2.3.3, 2.3.4, 2.3.4.A, 2.3.4.B, 2.3.4.C, 2.3.4.D, 2.3.4.E, 2.3.5, 2.4, Figures 2-3, 2-4, 2-5 and 2-6. Installed King KI208 Indicator in accordance with King KI208/209 VOR/LOC/CS Indicators Installation Manual, P/N 006-0140-02, Revision 2, dated Nov 1979; Section II, Para. 2.3, 2.3.1, 2.3.2, 2.4; Figures 2-1, 2-3, 2-4 and 2-5. Installed II Morrow Apollo II, Model 612B LORAN-C and A-16 LORAN-C Antenna as a stand alone system in accordance with II Morrow Installation Manual P/N 560-0023, dated 03/85; Section 2, Para. 2.1.1, 2.1.2, 2.1.3, 2.3.1, 2.3.2, 2.3.3, 2.3.4, 2.3.5, 2.3.7, 2.4 and Figure 6 on page II-6. The LORAN-C equipment was tested and found to be free as a source of EMI to other equipment installed in the aircraft. Aircraft panel placarded "LORAN SYSTEM TO BE USED FOR VFR ONLY". Recomputed and updated aircraft weight and balance records.

-----END-----

☐ ADDITIONAL SHEETS ARE ATTACHED

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. N 8538P	2. AIRCRAFT MAKE Piper	3. AIRCRAFT MODEL PA-24-400
	4. AIRCRAFT SERIAL NUMBER 26-119	5. ENGINE MAKE Lycoming	6. ENGINE MODEL IO-720-A1A
	7. NUMBER OF ENGINES One	8. PROPELLER MAKE Hartzell	9. PROPELLER MODEL HC-A3VK-4
PART II CERTIFICATION REQUESTED	1. APPLICATION IS HEREBY MADE FOR: A. ☒ ORIGINAL ISSUANCE OF CERTIFICATE (AIRCRAFT ☒ NEW ☐ USED ☐ IMPORT) (CAR 1) B. ☐ AMENDMENT OF CURRENT CERTIFICATE (CAR 1:62) C. ☐ MULTIPLE CERTIFICATE (REF. CAR 1 AND 8) D. ☐ OTHER _____		FAA EA-EMDO-44 MAR 3 1965 (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. ☒ 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 _____ 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) ☒ 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. _____		
PART IV OWNER'S CERTIFICATION	DATE _____ SIGNATURE OF AUTHORIZED INDIVIDUAL _____ TITLE _____		
	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. ☒ 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. 5. SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT <i>Virginia Hunsiville</i> 6. DATE 2-8-65 7. TITLE Supv-Order & Del. Dept. *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. 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) 23 AUG 18 1965		

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 1 on the reverse of this form has been inspected and found to conform to the following:

- A. ☒ AIRCRAFT SPECIFICATION, TYPE CERTIFICATE DATA SHEET NO. 1415 REVISION NO. 19
B. ☐ AIRCRAFT LISTING, PAGE NO.(S)
C. ☒ AIRWORTHINESS DIRECTIVE SUMMARY 1965 (YEAR) THROUGH CARD NO. 65-3
D. ☐ SUPPLEMENTAL TYPE CERTIFICATE NO.(S)
E. ☐ OTHER (Specify)

2. AIRCRAFT AND ENGINE OPERATING RECORDS

- A. ☒ AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
B. ☒ COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
C. ☐ AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF _____ HOURS
D. ☒ ENGINE RECORDS INDICATE THE FOLLOWING OPERATION:
SERIAL NO. 1-228-54 TOTAL HOURS N/A TIME SINCE OVERHAUL
SERIAL NO. _____ TOTAL HOURS _____ 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. ☒ CURRENT APPROVED AIRCRAFT FLIGHT MANUAL, AVAILABLE IN AIRCRAFT
D. ☒ CURRENT WEIGHT AND BALANCE INFORMATION, AVAILABLE IN AIRCRAFT
E. ☒ 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. ☒ 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 ☒ NO (Explain)

Current Form FAA-1707

6. DESIGNEE'S SIGNATURE J. W. McNary, Asst. Chief Engineer		DESIGNATION NO. DMCR 1-1	DATE 2-8-65
7. FAA INSPECTOR'S SIGNATURE Oliver A. Pettit, Jr.		FAA DISTRICT OFFICE NO. EAST. REG. EMDC-44	DATE 3-8-65
8. REMARKS The aircraft specification is being revised to show items not contained in revision number 19.			A. ☒ ACCEPTED B. ☐ REINSPECTED C. ☐ SPOT CHECKED
9. ATTACHMENT(S) IN ADDITION TO THOSE LISTED ON REVERSE (List separately) 1. Copy of Form FAA-1362B.			

UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY	
CERTIFICATE OF AIRWORTHINESS	
1. NATIONALITY AND REGISTRATION MARKS N8538P	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION 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. <u>Issued under the provision of Part 21.</u> 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 2-8-65 6. <i>[Signature]</i> J. W. McHary, Asst. Chief Engr. Piper Aircraft Corporation	7. DESIGNATION NO. 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.	

CAMERA NO. 2 DATE: 10-1-82

D

U

DEPT. 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 40-65	
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-24-400		
	SERIAL NO. 26-119		NATIONALITY AND REGISTRATION MARK N8538P		
2. OWNER	NAME (As shown on registration certificate) PLOCHMAN, CARL M. JR.		ADDRESS (As shown on registration certificate) 332 ELDER LANE WINNETKA, ILL 60093		
	3. FOR FAA USE ONLY				
4. UNIT IDENTIFICATION					
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.
DONALD E. SMITH 11772 COMSTOCK ROAD GARDEN GROVE, CA			☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER		A & P 523147494
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 3-30-76			SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Donald E. Smith</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	INSPECTION AUTHORIZATION		
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION 4-1-76		CERTIFICATE OR DESIGNATION NO. 1086679	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Louis E. Rapp</i>		

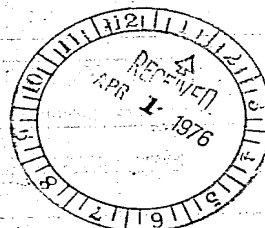
NOTICE

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 RAJAY TURBOCHARGED LYCOMING 10-720-A1A IN ACCORDANCE WITH FAA
SEALED RAJAY DRAWING LIST RJ 0400 PER STC SA2359WE DATED JUNE 1, 1971.

WEIGHT AND BALANCE AMENDED.



☐ ADDITIONAL SHEETS ARE ATTACHED

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 4-0-65	
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-24-600
	SERIAL NO.	26-119		NATIONALITY AND REGISTRATION MARK	N538P
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	PUGHMAN, CARL M. JR.			332 ELDER LANE WINNETKA, ILL 60093	
3. FOR FAA USE ONLY					
The alteration identified herein complies with applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7.					
4-1-76 <i>[Signature]</i> Date Approving Inspector, LGB FSDO 4-0-65					
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.
DONALD E. SMITH 11772 CONSTOCK ROAD GARDEN GROVE, CA			☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER		A & P 523147494
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 3-30-76			SIGNATURE OF AUTHORIZED INDIVIDUAL <i>[Signature]</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	INSPECTION AUTHORIZATION		
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION 4-1-76		CERTIFICATE OR DESIGNATION NO. 1086679	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>[Signature]</i>		

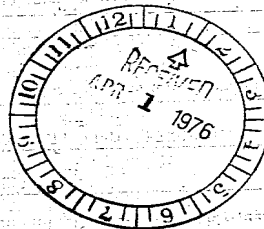
NOTICE

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.)

SKY-0x MODEL SK1001-4X-111 OXYGEN SYSTEM INSTALLED IN ACCORDANCE WITH RAJAY INDUSTRIES, INC. DRAWINGS SK0601, SK0801, SK 1501, AND SK3101. ALL WORK PERFORMED IN ACCORDANCE WITH AC 41.13-1, AND -2, CHAPTER 6, SECTIONS 72, 73, 74, AND 75 WHERE APPLICABLE. ABOVE LISTED DRAWINGS ARE ON FILE AT RAJAY INDUSTRIES, INC., 2600 E. WARDLOW ROAD, LONG BEACH, CALIFORNIA

WEIGHT AND BALANCE AMENDED.



☐ ADDITIONAL SHEETS ARE ATTACHED

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	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and FAR 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.				OFFICE IDENTIFICATION 2-208	
1. AIRCRAFT	MAKE	Piper	MODEL	PA24-400	
	SERIAL NO.	26-119	NATIONALITY AND REGISTRATION MARK	N8538P	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	Flochman, Carl M., Jr.		332 Elder Lane Wimmetka, Illinois 60093		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
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.
Henry W. Garretson Route 2, Box 188-D Pearl River, La. 70452			☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER		A & P 1685975
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				
3-3-76	<i>Henry W. Garretson</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	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			
3-3-76	GRS 3823	<i>Juan River, Inf.</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.)

TACB. 892.20
This aircraft has been modified with a recontoured wing leading edge, and a full span flap/aileron system in accordance with FAA STC SA2429WE.

*****NO ENTRIES BELOW THIS LINE*****

☐ ADDITIONAL SHEETS ARE ATTACHED.

FEB 12 1976

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	
				AGL-CADD-3	
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-24-400
	SERIAL NO.	26-119		NATIONALITY AND REGISTRATION MARK	N8538P
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	Carl M. Plochman, Jr.			332 Elder Lane Winnetka, Illinois 60093	
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
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.
Joliet Avionics, Inc. DuPage County Airport West Chicago, Illinois 60185			U.S. CERTIFICATED MECHANIC		#3159
			FOREIGN CERTIFICATED MECHANIC		
			X CERTIFICATED REPAIR STATION		
			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	SIGNATURE OF AUTHORIZED INDIVIDUAL				
January 30, 1976	William C. Joeckel				
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		
	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		
Jan. 30, 1976	#3159		William C. Joeckel		

(8320)

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.

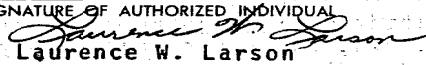
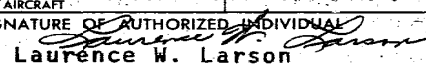
8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Removed Narco VRP-37 Nav Antenna and installed DMN 42-1 VOR/LOC Loop Antenna on vertical stabilizer. Antenna installed as per Dorne-Magolin supplied installation drawings and FAR 43.13-2 Chapter 3. See connected weight and balance this date. January 30, 1976.

The End

☐ ADDITIONAL SHEETS ARE ATTACHED

P332

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: GADG-3		
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-24-400	
	SERIAL NO.	26-119		NATIONALITY AND REGISTRATION MARK	N-8538P	
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)		
	Plochman, Carl M. Jr.			332 Elder Lane Winnetka, Illinois 60093		
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.	
JOLIET AVIONICS, INC. JOLIET MUNICIPAL AIRPORT JOLIET, ILLINOIS 60435			U.S. CERTIFICATED MECHANIC		#3159	
			FOREIGN CERTIFICATED MECHANIC			
			☒ CERTIFICATED REPAIR STATION			
			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			SIGNATURE OF AUTHORIZED INDIVIDUAL			
March 27, 1974			 Laurence W. Larson			
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	☒ REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT			
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.		SIGNATURE OF AUTHORIZED INDIVIDUAL		
3/27/74		#3159		 Laurence W. Larson		

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 two Hoskins Silver Star I Strobes, as supplemental aircraft lighting in accordance with provisions outlined in FAA Advisory Circular 43.1301, Chapter 11 and 43.1301, Chapter 1, 2 and 4.

Equipment list and weight and balance form revised as of this date, March 27, 1974.-----The End-----

☐ ADDITIONAL SHEETS ARE ATTACHED

MAR 28 1974 POSS

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 AGL- EADO-3	
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-24-400	
	SERIAL NO.	26-119	NATIONALITY AND REGISTRATION MARK	N-8538P	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	Plochman, Carl M. Jr.		332 Elder Lane Winnetka, Illinois 60093		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTER- ATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
JOLIET AVIONICS, INC. JOLIET MUNICIPAL AIRPORT JOLIET, ILLINOIS 60435		U.S. CERTIFICATED MECHANIC		#3159	
		FOREIGN CERTIFICATED MECHANIC			
		☒ CERTIFICATED REPAIR STATION			
		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 March 27, 1974		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Laurence W. Larson</i> Laurence W. Larson			
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		
	FAA DESIGNEE	☒ REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION 3/27/74		CERTIFICATE OR DESIGNATION NO. #3159		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Laurence W. Larson</i> Laurence W. Larson	

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.)

KING KN-74 R/NAV IFR CERTIFICATION:

Reference King KN-74 R/NAV System as shown on aircraft paperwork dated 3/27/74. R/NAV System bench checked in accordance with AC-90-45, Appendix A, Par. 2, Par's 3-b and 3-c. System checked in accordance with AC-90-45, Appendix A, Table 1, Table 2 and 3.

Wiring Diagram interconnect as per King Radio Corporation KN-74 Maintenance Manual Part 2-1. This installation system has been checked in accordance with ACCS 43.13-1 and 43-12-2. Equipment List and New Weight and Balance were revised.

A flight check of R/NAV system installed in this aircraft and referenced in FAA Form 337, was conducted in the Joliet/Chicago area on March 27, 1974.

Two (2) R/NAV approaches were made to the Joliet Airport using the published Joliet Municipal Airport R/NAV Approach procedure to runway 13.

All R/NAV Tract errors were well within the accuracies established in Tables 1, 2 and 3 of Appendix A, Advisory Circular 90-45.

This system, as presently installed, is approved for enroute, terminal and approach modes of operation.-----The End-----

☐ ADDITIONAL SHEETS ARE ATTACHED