



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

OMB No. 2120-0020
Exp. 07/31/2025

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
N7387Y

Make

Piper

Serial No. 30-442

Model PA-30

Series

2. Owner

Name (As shown on registration certificate)
Brien Lillquist

Address (As shown on registration certificate)

Address 2250 fairway Ln

City Oak Harbor

State Wa

Zip 98277

Country US

3. For FAA Use Only

4. Type

Repair

Alteration

Unit

5. Unit Identification

Make

Piper

Model

(As described in Item 1 above)

Serial No.

30-442

POWERPLANT

PROPELLER

APPLIANCE

Type

Manufacturer

A. Agency's Name and Address

Name Brien Lillquist

Address 2250 Fairway Ln

City Oak Harbor

State Wa

Zip 98277

Country US

6. Conformity Statement

B. Kind of Agency

☒ U. S. Certificated Mechanic

☐ Foreign Certificated Mechanic

☐ Certificated Repair Station

☐ Certificated Maintenance Organization

Manufacturer

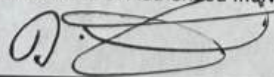
C. Certificate No.

A&P3024749

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.

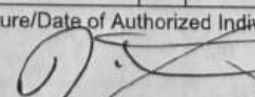
Extended range fuel
per 14 CFR Part 43
App. B ☐

Signature/Date of Authorized Individual

 5/11/2020

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. 3024749IA		Signature/Date of Authorized Individual		
		 5/11/2020		

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.)

N7387Y

05/11/2026

Nationality and Registration Mark

Date

Installed Garmin GMA345 as a upgrade slide in replacement to existing garmin audio panel no change in weight and balance.

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 N7387Y	Serial No. 30-442		
	Make Piper	Model PA-30	Series	
2. Owner	Name (As shown on registration certificate) Nicholas Gill		Address (As shown on registration certificate)	
	Address 115 Teal Vista			
	City Locust Grove		State GA	
	Zip 30248		Country USA	

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>30-442</u>
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Scott Puzio		☒ U. S. Certificated Mechanic	☐ Manufacturer
Address 190 Dillon Dr		☐ Foreign Certificated Mechanic	C. Certificate No.
City Hampton	State GA	☐ Certificated Repair Station	2756261
Zip 30228	Country USA	☐ 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 AUG 16, 2016
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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 X	Inspection Authorization	Other (Specify)
Certificate or Designation No. 2756261		Signature/Date of Authorized Individual AUG 16, 2016		

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.)

N7387Y

06/16/2016

Nationality and Registration Mark

Date

Installed Left and Right Bracket Air filters BA-105 per (STC-SA693CE) List No. 1

END

☐ Additional Sheets Are Attached



US Department
of Transportation
Federal Aviation
Administration

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

CAAB 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 N7387Y	Serial No. 30-442
	Make Piper	Model PA-30
2. Owner	Name (As shown on registration certificate) Nicholas Gill	Address (As shown on registration certificate) Address 115 Teal Vista City Locust Grove State GA Zip 30248 Country USA

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>30-442</u>
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Scott Puzio	Address 190 Dillon Dr City Hampton State GA Zip 30228 Country USA	☒ U. S. Certificated Mechanic	Manufacturer
		☐ Foreign Certificated Mechanic	C. Certificate No.
		☐ Certificated Repair Station	2756261
		☐ 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 Aug 16, 2016
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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 X	Inspection Authorization	Other (Specify)
Certificate or Designation No. 2756261		Signature/Date of Authorized Individual Aug 16, 2016		

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.)

N7387Y

08/16/2016

Nationality and Registration Mark

Date

Installed Bogert Copper Cable Kit per (STC-SA3531NM) In accordance with Installation instructions #2-11 Revision A

END

☐ 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
11/30/2007

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 USA N7387Y	Serial No. 30-442		
	Make Piper	Model PA-30 Twin Comanche	Series	
2. Owner	Name (As shown on registration certificate) Hardy, Camden		Address (As shown on registration certificate) Address 2327 N.W. 95th	
			City Seattle	State WA
			Zip 98117	Country

3. For FAA Use Only

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

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	Corporate Air Center, L.L.C.	☒ U. S. Certificated Mechanic	Manufacturer
Address	15452 Airport Drive	☐ Foreign Certificated Mechanic	C. Certificate No.
City	Burlington State WA	☐ Certificated Repair Station	AP4040279IA
Zip	98233 Country	☐ 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 April 26, 2024 Brian Fitzgerald
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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 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. AP4040279IA	Signature/Date of Authorized Individual April 26, 2024 Brian Fitzgerald
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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.)

USA N7387Y

04/26/2024

Nationality and Registration Mark

Date

Installed STC SA634NE - Installation of Cleveland Wheel and Brakes Shimmy Damper Drawing P/N 15-15 Rev A. Installed shimmy damper P/N 15-16 IAW Airparts of Lockhaven drawing no ALH002 and report ALH 30004. No flight manual supplement required. See aircraft records for Instructions for Continued Airworthiness. Weight and balance updated.

☐ Additional Sheets Are Attached

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

FOR FAA USE ONLY
OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE	MODEL
	SERIAL NO.	NATIONALITY AND REGISTRATION MARK
2. OWNER	NAME (As shown on registration certificate)	ADDRESS (As shown on registration certificate)

3. FOR FAA USE ONLY

UNIT	4. UNIT IDENTIFICATION			5. TYPE	
	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
	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	SIGNATURE OF AUTHORIZED INDIVIDUAL
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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	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	

NOTICE

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

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

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

☐ ADDITIONAL SHEETS ARE ATTACHED

Supplement

has certificate, issued in

William
S. Lynch
Doyle

ACFT RECORDS

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE	MODEL
	SERIAL NO.	NATIONALITY AND REGISTRATION MARK
2. OWNER	NAME (As shown on registration certificate)	ADDRESS (As shown on registration certificate)

PIPER

PA-30

30-442

N7387Y

COTTRELL, JOHN N.

MIDLAND RD.
PINEHURST, NC. 28374

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. KIND OF AGENCY	C. CERTIFICATE NO.
JUNIOR A. FURCHES RT. 3 BOX 34 HOPE MILLS, NC. 28348	☒ U.S. CERTIFICATED MECHANIC	A&P 2061012
	☐ 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
4-10-92	<i>Junior A. Furches</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	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
4-18-92	IA 2061012	<i>Junior A. Furches</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 STAINLESS STEEL NACELLE FAIRINGS I/A/W STC SA516GL
AND INSTALLATION MANUAL REV. 3-15-88 AND DWG. NO. NFD1 AND NFD2
DATED 3-15-88. ISSUED TO KNOTS 2U, INC. 1941 HIGHLAND AVENUE,
WILMETTE, IL. 60091. REISSUED AUGUST 20, 1987 AND AMENDED AUGUST 14,
1987.

AIRCRAFT RECORDS REVISED TO REFLECT THIS EQUIP. AND WT. CHANGE.

END

☐ ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATIONForm Approved
Budget Bureau No. 04-R060.1**MAJOR REPAIR AND ALTERATION**
(Airframe, Powerplant, Propeller, or Appliance)

FOR FAA USE ONLY

OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE PIPER	MODEL PA-30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK N7387Y
2. OWNER	NAME (As shown on registration certificate) COTTRELL, JOHN N.	ADDRESS (As shown on registration certificate) MIDLAND RD. PINEHURST, NC. 28374

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 JUNIOR A. FURCHES RT. 3. BOX 34 HOPE MILLS, NC. 28348	B. KIND OF AGENCY ☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER	C. CERTIFICATE NO. A&P 2061012
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 4-18-92	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Junior A. Furches</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	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	

DATE OF APPROVAL OR REJECTION 4-18-92	CERTIFICATE OR DESIGNATION NO. IA 2061012	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Junior A. Furches</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.)

~~XXXXXXXXXX~~

INSTALLED REMOVABLE PANELS ON AFT SIDE OF BATTERY BOX AT BATTERY CABLE ENTRANCE I/A/W STCSA4008NM ISSUED 8-17-87 TO BOGERT AVIATION RT.1 BOX 1676 PROSSER WA. 99350. INSTALLATION MANUAL 1-1 REV.5-18-90. ITEM NO.7 ON THE FAA MASTER ELIGIBILITY LIST FOR THE PA-30.WT. OF THIS MODIFICATION NEG. AND IS COMPATABLE WITH STC SA3531NM.

END

☐ ADDITIONAL SHEETS ARE ATTACHED

Airframe Records

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION

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

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

1. AIRCRAFT	MAKE PIPER	MODEL PA-30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK N7387Y
2. OWNER	NAME (As shown on registration certificate) COTTRELL, JOHN, N.	ADDRESS (As shown on registration certificate) MIDLAND RD. PINEHURST, NC. 28374

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTER- ATION
AIRFRAME	***** (As described in item 1 above) *****				XX
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS JUNIOR A. FURCHES RT. 3 BOX 34 HOPE MILLS, NC. 28348	B. KIND OF AGENCY ☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER	C. CERTIFICATE NO. A&P 2061012
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 4-18-92	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Junior A. Furches</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 ☐ CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		
DATE OF APPROVAL OR REJECTION 4-18-92	CERTIFICATE OR DESIGNATION NO. IA 2061012	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Junior A. Furches</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 COPPER BATTERY ELECT. CABLES I/A.W STC SA3531NM ISSUED TO BOGERT AVIATION RT1 BOX 1676, PROSSER WA. 99350. ISSUED JULY 15, 1986 AND AMENDED APRIL 10, 1989. INSTALLATION INSTRUCTIONS NO.2-9 DATED 9-20-86 AND AMENDED 9-29-86 FOR THE PA-30. ITEM NO. 8 ON THE FAA APPROVED MODEL LIST (AML). WT. CHANGE NEG.

END

☐ ADDITIONAL SHEETS ARE ATTACHED

HEFT. Records

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

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

1. AIRCRAFT	MAKE PIPER	MODEL PA-30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK N7387Y
2. OWNER	NAME (As shown on registration certificate) COTTRELL, JOHN N.	ADDRESS (As shown on registration certificate) MIDLAND RD. PINEHURST, NC. 28374

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 JUNIOR A. FURCHES RT 3 BOX 34 HOPE MILLS, N.C. 28348	B. KIND OF AGENCY ☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER	C. CERTIFICATE NO. A&P 2061012
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

DATE 7-24-92	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Junior A. Furches</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	☒ INSPECTION AUTHORIZATION ☐ CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		

DATE OF APPROVAL OR REJECTION 7-24-92	CERTIFICATE OR DESIGNATION NO. IA 2061012	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Junior A. Furches</i>
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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.)

INSTALLED NARCO LRN 820 LORAN-C I/A/W NARCO MANUAL NO. 03120-620
SECTION 2. PLACARDED "LORAN-C NOT APPROVED FOR IFR". WT&BAL REVISED
TO REFLECT THIS INSTALLATION.

END

☐ ADDITIONAL SHEETS ARE ATTACHED

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

Form Approved
 Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
 OFFICE IDENTIFICATION

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 <u>Piper Piper</u>	MODEL <u>PA-30</u>
	SERIAL NO. <u>30-442</u>	NATIONALITY AND REGISTRATION MARK <u>N7387Y</u>
2. OWNER	NAME (As shown on registration certificate) <u>Louis G. Bunting M.D.</u>	ADDRESS (As shown on registration certificate) <u>Hebron, Nebr.</u>

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTER- ATION
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.
<u>Erwin A. Schwarzkopf</u> <u>Municipal Airport,</u> <u>Lincoln, Nebr.</u>	☒ U.S. CERTIFICATED MECHANIC	A&E. 102618
	☐ 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 <u>9-11-68</u>	SIGNATURE OF AUTHORIZED INDIVIDUAL <u>Erwin A. Schwarzkopf</u>
------------------------	---

7. APPROVAL FOR RETURN TO SERVICE

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

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	X	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION <u>9-11-68</u>		CERTIFICATE OR DESIGNATION NO. <u>A&E. 102618</u>		SIGNATURE OF AUTHORIZED INDIVIDUAL <u>Erwin A. Schwarzkopf</u>	

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 Whelen strobe light model HD-12V . One light mounted ontop of fuselage at Sta.158 and one mounted on bottom of fuselage at Sta.183. Power supply is mounted on radio rack ~~XXXXXX~~ at sta. 166. Fuselage reinforced for lights in accordance with FAR 43.13-2ch.4 New weight And balance computed.



☐ ADDITIONAL SHEETS ARE ATTACHED

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

FOR FAA USE ONLY
OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE Piper	MODEL PA-30
	SERIAL NO. 3 0-442	NATIONALITY AND REGISTRATION MARK N7387Y
2. OWNER	NAME (As shown on registration certificate) Louis G Bunting M.D.	ADDRESS (As shown on registration certificate) Hebron Nebr.

3. FOR FAA USE ONLY

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

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS Erwin A. Schwarzkopf Municipal Airport, Lincoln, Nebr. 68524	B. KIND OF AGENCY ☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER	C. CERTIFICATE NO. A&E 102618
---	--	---

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 3-17-71	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Erwin A. Schwarzkopf</i> Erwin A. Schwarzkopf
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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	INSPECTION AUTHORIZATION ☒ CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	
DATE OF APPROVAL OR REJECTION 3-17-71		CERTIFICATE OR DESIGNATION NO. A&E 102618	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Erwin A. Schwarzkopf</i> Erwin A. Schwarzkopf

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 Air Flow Modification Kit No. 760 409 in accordance with Piper-Kit Installation Instructions.

Weight change negligible.

Alteration entered in Log Book.

☐ ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE PIPER	MODEL PA-30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK N7387Y
2. OWNER	NAME (As shown on registration certificate) National Enterprises Inc.	ADDRESS (As shown on registration certificate) P.O. Box 13006 1550 Ten Main Center, Kansas City, MO.

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	LYCOMING	IO-320-B1A	L-988-55		X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Midwest Piper Sales Inc. Box 8067 Munger Station Wichita, Kansas 67208	☐ U.S. CERTIFICATED MECHANIC	CRS 3137
	☐ 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 3-24-73	SIGNATURE OF AUTHORIZED INDIVIDUAL G.R. Good <i>G.R. Good</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	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 3-24-73		CERTIFICATE OR DESIGNATION NO. CRS: 3137	SIGNATURE OF AUTHORIZED INDIVIDUAL G.R. Good <i>G.R. Good</i>	

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 Counter-Rotating Power Plant Conversion Kit No. 760368 in accordance with Piper Kit Installation Instructions.

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE Piper	MODEL PA-30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK N7387Y
2. OWNER	NAME (As shown on registration certificate) National Enterprises	ADDRESS (As shown on registration certificate) P.O. Box 13006 Kansas City, Mo

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

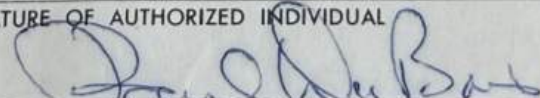
5. TYPE

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

6. CONFORMITY STATEMENT

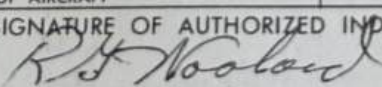
A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Paul DuBois c/o Floair Inc., Hangar #17 Mid-Continent Airport Wichita, Kansas 67209	☒ U.S. CERTIFICATED MECHANIC	A1991071
	☐ FOREIGN CERTIFICATED MECHANIC	
	☐ CERTIFICATED REPAIR STATION	
	☐ MANUFACTURER	

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 5 September, 1975	SIGNATURE OF AUTHORIZED INDIVIDUAL 
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7. APPROVAL FOR RETURN TO SERVICE Paul DuBois

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		
DATE OF APPROVAL OR REJECTION 5, September, 1975		CERTIFICATE OR DESIGNATION NO. T.A. 2027565	SIGNATURE OF AUTHORIZED INDIVIDUAL  R. G. Woolard	

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 original altimeter
Installed 8040B Encoding Altimeter in Conjunction with AT-6A Transponder and
wired per Narco and Aero Mechanism installation instructions.

Work done in accordance with AC 4313-2 Static system tested for IFR and to
insure proper coding of information. No Weight change

END

☐ ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE PIPER	MODEL PA-30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK N7387Y
2. OWNER	NAME (As shown on registration certificate) National Enterprises Inc.	ADDRESS (As shown on registration certificate) P.O. Box 13006 1550 Ten Main Center, Kansas City, MO.

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTER- ATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT	LYCOMING	IO-320-B1A	L-988-55		X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Midwest Piper Sales Inc. Box 8067 Munger Station Wichita, Kansas 67208	U.S. CERTIFICATED MECHANIC	CRS 3137
	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 3-24-73	SIGNATURE OF AUTHORIZED INDIVIDUAL G.R. Good <i>G.R. Good</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	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	☒ REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 3-24-73		CERTIFICATE OR DESIGNATION NO. CRS 3137	SIGNATURE OF AUTHORIZED INDIVIDUAL G.R. Good <i>G.R. Good</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.)

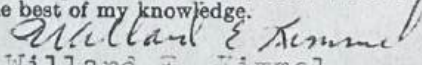
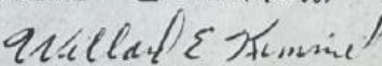
Installed Counter-Rotating Power Plant Conversion Kit No. 760368 in accordance with Piper Kit Installation Instructions.

☐ ADDITIONAL SHEETS ARE ATTACHED

FEDERAL AVIATION AGENCY

Form approved.
Budget Bureau No. 41-B052.4.

MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)

1. AIRCRAFT	MAKE Piper	MODEL PA30	SERIAL NO. 70-442	NATIONALITY AND REGISTRATION MARK N7387Y	
2. OWNER	NAME (First, middle, last) Ben's Aircraft Service, Inc. of Waterloo		ADDRESS (Street and number, city, zone and State) Municipal Airport Waterloo, Iowa		
3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 18.					
UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check)	
				MAJOR REPAIR	MAJOR ALTERATION
a. AIRFRAME	***** (As described in item 1 above) *****				
b. POWERPLANT					
c. PROPELLER					
2. APPLIANCE	TYPE AND MANUFACTURER				
4. AIRCRAFT WEIGHT AND BALANCE DATA *AFTER the repairs and/or alterations described below were made.					
This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable.					
CATEGORY	EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*		USEFUL LOAD (Pounds)*	
SEE	AIRCRAFT WEIGHT AND BALANCE				
5. CONFORMITY STATEMENT (Complete and check)					
a. AGENCY'S NAME AND ADDRESS		b. KIND OF AGENCY		c. CERTIFICATE NO.	
Willard E. Kimmel Ben's Aircraft Service Municipal Airport Route 1 Marshalltown, Iowa		☒ U. S. Certificated Mechanic. ☐ Foreign Certificated Mechanic. ☐ Certificated Repair Station. ☐ Manufacturer. ☐ (Check if repair or alteration was made under delegation option procedures.)		A&P 1263490	
d. I certify that the repair and/or alteration made to the unit(s) identified under item 3 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 18 of the U. S. Civil Air Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
December 4, 1964 (Date repair and/or alteration completed)		 Willard E. Kimmel (Signature of authorized individual)			
6. APPROVAL FOR RETURN TO SERVICE (Check and complete appropriate items)					
Pursuant to the authority specified below the unit identified in item 3 was inspected in the manner prescribed by the Administrator of the Federal Aviation Agency and is					
☒ APPROVED } BY { ☐ FAA Designee ☐ Manufacturer ☐ Canadian Department of Transport Inspector of Aircraft ☐ REJECTED } ☐ FAA Flight Standards Inspector ☐ Repair Station ☒ Other (Specify) Insp. Auth.					
December 4, 1964 (Date of approval or rejection)		 Willard E. Kimmel A&P 1263490 (Signature of authorized individual; title or identification number)			
7. TO BE COMPLETED ONLY BY FAA PERSONNEL					
a. ☐ Forwarded for engineering comment ☐ See attached memorandum					
b. ☐ Accepted _____ (Date) ☐ Reinspected _____ (Date) ☐ Spot Checked _____ (Date)					
_____ (FAA designation number)			_____ (Signature Flight Standards Inspector)		

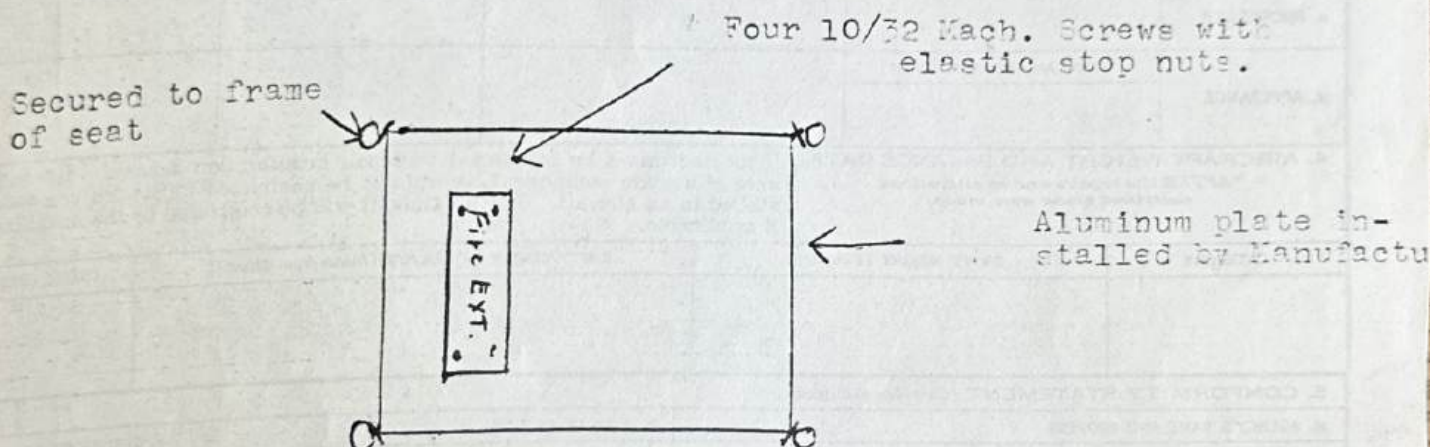
INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.*

Installed Fire Extinguisher approved by Underwriter Laboratories, Inc. under pilot's seat in map shelf as to drawing.



Equipment installed has been subjected to and meets the load factors called out in Car 3.386. A down load of 6.5 has been met.

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached. ☐

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

FOR FAA USE ONLY
OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE Piper	MODEL PA-30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK U.S. N7387Y
2. OWNER	NAME (As shown on registration certificate) National Enterprises	ADDRESS (As shown on registration certificate) P.O. Box 13006 Kansas City, Mo.

3. FOR FAA USE ONLY
THE DATA IDENTIFIED HEREIN IS APPROVED FOR DUPLICATION ON IDENTICAL AIRCRAFT MAKE, MODEL, AND ALTERED CONFIGURATION WHEN ACCOMPLISHED BY THE ORIGINAL MODIFIER.

19-11-75 J. W. Schaefer ACE-GADO-22
DATE APPROVING INSPECTOR

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT			RECEIVED		
PROPELLER			SEP 11 1975		
APPLIANCE	TYPE		CE GADO 2		
	MANUFACTURER		Wichita, K.		

6. CONFORMITY STATEMENT		C. CERTIFICATE NO.
A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	CRS#3301
Floair, Inc, Hangar 17, Mid-Continent Airport, Wichita, Kansas 67209	☐ 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 10 September 1975	SIGNATURE OF AUTHORIZED INDIVIDUAL CHIEF INSPECTOR PAUL DuBOIS
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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	INSPECTION AUTHORIZATION	OTHER (Specify) FLOAIR, INC. Wichita, Kansas U. S. A.
	FAA DESIGNEE	☒ REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 10 September 1975		CERTIFICATE OR DESIGNATION NO. CRS#3301	SIGNATURE OF AUTHORIZED INDIVIDUAL CHIEF INSPECTOR PAUL DuBOIS	

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 original altimeter. Replaced with Aero Mechanism 8040B. Altimeter connected to AT-6A Transponder and wired per Narco and Aero Mechanism Installation Instructions. Installation performed in accordance with AC 43-13.2. Static system and Altimeter checks performed in accordance with FAR 91.170. Encoding Transponder checked with ATC-600 for Transponder output. Transponder checked per FAR 91.177. No weight change.

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

☐ ADDITIONAL SHEETS ARE ATTACHED

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

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

1. AIRCRAFT	MAKE Piper	MODEL PA-30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK N2387Y
2. OWNER	NAME (As shown on registration certificate) Cottrell John N.	ADDRESS (As shown on registration certificate) Midland Rd. Pinehurst, NC 28374

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTER- ATION
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.
Thornton S. Little Mid-South Aviation Moore County Airport Southern Pines, NC 28387	☒ U.S. CERTIFICATED MECHANIC	A&P1376338IA
	☐ 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 June 29, 1987	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Thornton S. Little</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	☒	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION June 29, 1987		CERTIFICATE OR DESIGNATION NO. IA1376338		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>MOUSE</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 fiberglass reinforced plastic wing tips for Piper Model PA-30 using instructions for installation of tips. Per. Met-CO-Aire S.T.C. SA871WE Rev. 9-23-76. No weight change.

-----END-----

☐ 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

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

1. AIRCRAFT	MAKE PIPER	MODEL PA_30
	SERIAL NO. 30-442	NATIONALITY AND REGISTRATION MARK N7387Y
2. OWNER	NAME (As shown on registration certificate) COTTRELL, JOHN N.	ADDRESS (As shown on registration certificate) MIDLAND RD. PINEHURST, N.C. 28374

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 JUNIOR A. FURCHES RT. 3 BOX 34 HOPE MILLS, N.C. 28348	B. KIND OF AGENCY ☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER	C. CERTIFICATE NO. A&P2061012
---	--	----------------------------------

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 I-3I-87	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Junior A. Furches</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 CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		

DATE OF APPROVAL OR REJECTION XXXXXX I-3I-87	CERTIFICATE OR DESIGNATION NO. IA2061012	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Junior A. Furches</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.)

REMOVED PIPER BRAKE DISC AND INSTALLED STAINLESS STEEL BRAKE DISC
P/N 202-22SS I/A/W STC SA428NE ISSUED TO WILLIAM C. ROBERTS
5 LYNBROOK LANE, DOYIESTOWN, PA. 18901 ISSUED MARCH 26, 1986.
WT. CHANGE NEG.

END.

☐ 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

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

1. Aircraft	Make PIPER	Model PA-30
	Serial No. 30-442	Nationality and Registration Mark USA N7387Y
2. Owner	Name (As shown on registration certificate) COTTRELL JOHN N	Address (As shown on registration certificate) Rr 1 BOX 133A HOLLY SPRINGS, MS 38635-9801

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43.7.

DATE: 7/28/98

FAA INSPECTOR: Jerrie Davis, PAI

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 Dyersburg Avionics, Inc. 315 Airport Road Dyersburg, TN 38024	B. Kind of Agency ☐ U.S. Certificated Mechanic ☐ Foreign Certificated Mechanic ☒ Certificated Repair Station ☐ Manufacturer	C. Certificate No. LIMITED AIRFRAME SF4R516M
---	--	--

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

Date July 24, 1998	Signature of Authorized Individual Jerrie Davis <u>Jerrie Davis</u>
-----------------------	--

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 7/28/98		Certificate or Designation No. SF4R516M	Signature of Authorized Individual Jerrie Davis <u>Jerrie Davis</u>	

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.)

1. INSTALLED II MORROW GPS/COM TSO C129B WITH APOLLO 360 MAP. STC SA4041SE IS APPLICABLE TO THE APOLLO 360 MAP. STC SA00420SE IS APPLICABLE TO THE SL60 GPS/COM. GPS ANTENNA WAS MOUNTED ON TOP FORWARD SECTION OF THE AIRCRAFT. SL60 WAS MOUNTED IN AVIONICS STACK. 360 MAP WAS MOUNTED IN RIGHT SIDE OF PILOT'S INSTRUMENT. APPROPRIATE ANNUNCIATORS AND SWITCH FOR HOLD FUNCTION WERE INSTALLED FOR THE GPS. UNIT SHARES A CDI WITH NAV 1 BY UTILIZING APPROPRIATE SWITCH, RELAYS, AND ANNUNCIATOR.
2. THIS IS CONSIDERED A STAND ALONE SYSTEM.
3. THIS SYSTEM WAS INSTALLED WITH REFERENCE TO THE MANUFACTURERS INSTRUCTIONS AND THE ACCEPTABLE METHODS, TECHNIQUES, AND PRACTICES IN ADVISORY CIRCULAR (AC) 43.13-1A, PARAGRAPHS 424, 429, 443, 445, 447, 450, 514, AND 750; AND AC 43.13-2A PARAGRAPHS 21, 22, 23a, 23b, 23e, 27, AND 36; AND THE REQUIREMENTS OF AC 20-138 PARAGRAPHS 8c(2).
4. PLACARD: "GPS APPROVED FOR IFR ENROUTE AND TERMINAL OPERATIONS".
5. POST-INSTALLATION GROUND ACCURACY AND FUNCTIONAL TESTS WERE PERFORMED WITH REFERENCE TO THE MANUFACTURERS INSTRUCTIONS. ALL SYSTEMS OPERATED NORMALLY.
6. FOLLOWING APPROVAL FOR RETURN TO SERVICE BY COMPLETION OF SECTION 7 OF THIS FAA 337, A FLIGHT TEST WILL BE PERFORMED TO CONFIRM THAT ALL GPS RELATED SYSTEMS OPERATE NORMALLY, SAFELY, WITH REFERENCE TO THE MANUFACTURERS SPECIFICATIONS, AND THE FUNCTIONAL FLIGHT EVALUATION REQUIREMENTS OF AC 20-138. RESULTS OF THE FLIGHT TEST WILL BE RECORDED IN THE AIRFRAME LOGBOOK AND ON WORK ORDER 14105 THIS REPAIR STATION.
7. AIRCRAFT WEIGHT AND BALANCE DATA, AND EQUIPMENT LIST, HAVE BEEN REVISED TO INCLUDE THIS SYSTEM. AN AIRFRAME LOGBOOK ENTRY WAS MADE WHICH REFERENCES THIS FAA FORM, AND COMPLIES WITH FAR SECTION 43.9.
8. REFERENCE WORK ORDER 14017 THIS REPAIR STATION FOR INSTALLATION OF SL60 WITH MAP360.

* * * * * THE END * * * * *

☐ Additional Sheets Are Attached

Sandhills Avionics

CRS # J3KR847X

5/12/2005

Weight and Balance Data

N7387Y

Owner: John Cottrell

Aircraft Make: Piper Twin Commanche s/n: 30-442 Year: 1964

From TCDS # A1EA Model PA-30

Datum: 79 inches ahead of wing leading edge at Wing Station 79

C.G. at 3600 lb +86.5 to 92.0

at 3200 lb +83.0 to 92.0

at < 2450 +81.0 to 92.0

Gross Weight: 3,600.0 lbs.

Previous W&B

Empty Weight: 2,332.7

Empty C.G.: 83.30

Empty Moment: as reported 194,261.6

Previous Useful Load: 1,267.3

Items Removed

Item	Weight lbs.	Note	H-Arm	Note
Narco Transponder - panel location	1.70	ARM from previous	60	As weighed
Loran tray	0.50	ARM from previous	60	
Loran antenna	0.50	ARM from previous	54	From previous
Narco Transponder - nose location	6.22	ARM from previous	30	As weighed
Loran Radio	4.00	Wt from Owner	60	Previously removed
	12.92			

Items added

Item	Weight lbs.	Note	H-Arm
King Transponder KT-76C	2.50	as weighed	60
	2.50		

Calculated Weight and Balance

Item	In(+)/Out(-)	Weight	ARM	Moment
Aircraft - previous W&B		2,332.7		194,261.6
Narco Transponder - panel location	-	(1.70)	60	(102.0)
Narco Transponder - nose location	-	(6.22)	30	(186.6)
Loran tray	-	(0.50)	60	(30.0)
Loran antenna	-	(0.50)	54	(27.0)
King Transponder KT-76C	+	2.50	60	150.0
Loran Radio	-	(4.0)	60	(240.0)
Totals		2,322.3		193,826.0

New empty C.G. 83.46

New useful load is 1,277.7 pounds at pounds gross weight.

New empty weight is: 2,322.3 pounds



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(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))

1. Aircraft	Nationality and Registration Mark N7387Y	Serial No. 30-442
	Make PIPER	Model PA-30
2. Owner	Name (As shown on registration certificate) JUSTIN HAWKINS	Address (As shown on registration certificate) Address 3836 TAMMY CT
		City LOS LUNAS State NM Zip 87031 Country

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)	30-442
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement	
A. Agency's Name and Address	B. Kind of Agency
Name DAVID L ROBERTSON	☒ U. S. Certificated Mechanic
Address 6906 Route Blanco SW	☐ Foreign Certificated Mechanic
City ALBUQUERQUE State NM	☐ Certified Repair Station
Zip 87105 Country USA	☐ Certificated Maintenance Organization
	C. Certificate No. 2193392

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 03-08-2021
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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 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. 2193392		Signature/Date of Authorized Individual 03-08-2021		

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.)

N7387Y

03/08/2021

Nationality and Registration Mark

Date

INSTALLED SURFLY ELECTRONICS IGNITION SYSTEM IN ACCORDANCE WITH
STC SA 04378CH INSTALLATION OF ENGINE MODIFIED PER STC SE 04349CH ON AIRCRAFT
LISTED FAA APPROVED MODEL LIST NO. SA04378 DATED 01-13-2019 OR LATTER
APPROVEL REVISION IN ACCORDANCE WITH SURFLY INSTALLATION INSTRUCTIONS
LISTED ON THE AMI ICA'S ARE IN THE APPROVED FLIGHT MANUAL SUPPLEMENT

☐ Additional Sheets Are Attached



FAA Form 337 (10/06)

FAA Form 337 (10/06)

THIS FORM IS USED TO REPORT AND RECORD THE RESULTS OF INSPECTIONS OF AIRCRAFT, AIRCRAFT COMPONENTS, AND AIRCRAFT EQUIPMENT. IT IS USED TO DETERMINE THE CAUSE OF A DEFECT, TO IDENTIFY THE DEFECT, AND TO DETERMINE THE ACTION TO BE TAKEN TO CORRECT THE DEFECT. IT IS USED TO DETERMINE THE ACTION TO BE TAKEN TO CORRECT THE DEFECT.

1. Aircraft	2. Manufacturer	3. Model	4. Serial No.
PIPER	PA-30		
5. Name	6. Address	7. City	8. State
JUSTIN HAWKINS			

1. Type		2. Airframe			
Propeller	Aluminum	1. Airframe	2. Engine	3. Propeller	4. Serial No.
☐	☐	AIRFRAME	LYCOMING	IO-320-B1A	L-1006-55
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE			

A. Agency's Name and Address		B. Kind of Agency	
2193392		C. Certificate No.	
2193392		2193392	

I certify that the repair and/or alteration made to the unit(s) identified in item 2 above and described on the reverse or attachment 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
☐	03-05-2021

Pursuant to the authority given persons specified below, the unit identified in item 2 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected.

BY	FAA PI Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	Repair Station	X Inspection Authorization	Other (Specify)

Certificate or Designation No.	Signature/Date of Authorized Individual
2193392	03-05-2021

NOTICE

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.

Description of Work Accomplished

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

N7387Y

03/06/2021

Nationality and Registration Mark

Date

INSTALLED SURFLY ELECTRONICS IGNITION SYSTEM IN ACCORDANCE WITH STC
SE04349CH INSTALLATION OF SUREFLY ELECTRONIC IGNITION ON AN ENGINE LISTED
ON FAA APPROVED MODEL LIST NO. SE04349CH DATED 10-31-2018 OR LATTER FAA
APPROVED REVISION IN ACCORDANCE WITH SUREFLY INSTALLATION INSTRUCTIONS ON
THE AMI. ICA'S IN THE FLIGHT MANUAL SUPPLEMENT

☐ 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. 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))

1. Aircraft	Nationality and Registration Mark N7387Y	Serial No.	30-442
	Make PIPER	Model PA-30	Series
2. Owner	Name (As shown on registration certificate) JUSTIN HAWKINS	Address (As shown on registration certificate)	
		Address 3836 TAMMY CT	
		City LOS LUNAS	State NM
		Zip 87031	Country

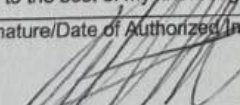
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☐	AIRFRAME	PIPER	(As described in Item 1 above)	30-442
☐	☒	POWERPLANT	LYCOMING	IO-320-B1A	L-988-55
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

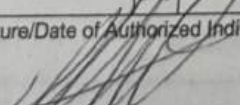
A. Agency's Name and Address		B. Kind of Agency	
Name DAVID L ROBERTSON		☒ U. S. Certificated Mechanic	Manufacturer
Address 8909 Robin Blanco SW		☐ Foreign Certificated Mechanic	C. Certificate No.
City ALBUQUERQUE	State NM	☐ Certificated Repair Station	2193392
Zip 87105	Country USA	☐ Certificated Maintenance 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  03-08-2021
--	---

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. 2193392		Signature/Date of Authorized Individual  03-08-2021		

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.)

N7387Y

03/08/2021

Nationality and Registration Mark

Date

INSTALLED SURFLY ELECTRONICS IGNITION SYSTEM IN ACCORDANCE WITH STC
SE04349CH INSTALLATION OF SUREFLY ELECTRONIC IGNITION ON AN ENGINE LISTED
ON FAA APPROVED MODEL LIST NO. SE04349CH DATED 10-31-2018 OR LATTER FAA
APPROVED REVISION IN ACCORDANCE WITH SUREFLY INSTALLATION INSTRUCTIONS ON
THE AMI. ICA'S IN THE FLIGHT MANUAL SUPPLEMENT

☐ 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 N7387Y	Serial No. 30-442	
	Make Piper	Model PA-30	Series
2. Owner	Name (As shown on registration certificate) Nicholas Gill		Address (As shown on registration certificate)
			Address 115 Teal Vista
			City Locust Grove State GA
			Zip 30248 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	<u>Piper</u>	<i>(As described in Item 1 above)</i>	<u>30-442</u>
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name <u>Scott Puzio</u>		☒ U. S. Certificated Mechanic	☐ Manufacturer
Address <u>190 Dillon Dr</u>		☐ Foreign Certificated Mechanic	C. Certificate No.
City <u>Hampton</u> State <u>GA</u>		☐ Certificated Repair Station	2756261
Zip <u>30226</u> Country <u>USA</u>		☐ 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 Aug 16, 2016
--	--

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	

Certificate or Designation No. 2756261	Signature/Date of Authorized Individual Aug 16, 2016
---	--

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.)

N7387Y

08/16/2016

Nationality and Registration Mark

Date

Installed Plane Power belt driven alternator conversion TAL 12-70 (STC-SA10682SC) in accordance with drawing number 14-3001

-----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 N7387Y	Serial No. 30-442	
	Make Piper	Model PA-30	Series PA30
2. Owner	Name (As shown on registration certificate) Nicholas A Gill	Address (As shown on registration certificate) Address 115 Teal Vis City Locust Grove State GA Zip 30248 Country USA	

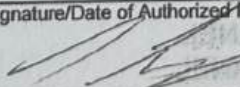
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	Piper	(As described in Item 1 above)	30-442
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement

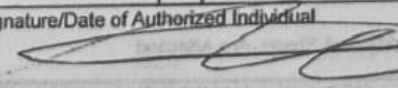
A. Agency's Name and Address		B. Kind of Agency	
Name Nicholas A. Gill	Address 115 TEAL VIS City Locust Grove State GA Zip 30248 Country USA	☒ U. S. Certificated Mechanic	Manufacturer
		Foreign Certificated Mechanic	C. Certificate No.
		Certificated Repair Station	PENDING (3197367)
		Certificated Maintenance 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  06/22/2019
--	--

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 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. 2830329		Signature/Date of Authorized Individual  6/22/2019		

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.)

N7387Y

22 June 2019

Nationality and Registration Mark

Date

PIPER

PA30

SN:30-442

A SUMMARY OF THE MODIFICATIONS DONE TO THE AIRCRAFT IS AS FOLLOWS:

A. REMOVED EXISTING ITEMS:

1. PS ENGINEERING PMA 6000MS AUDIO PANEL
2. APOLLO SL60 GPS/COM 1
3. NARCO MK 12D COM 2
4. BENDIX KING ADF
5. PIPER AUTOCONTROL II AUTOPILOT
6. NARCO DME890
7. BENDIX KING KT76C TRANSPONDER
8. VACUME SYSTEM
9. DIRECTIONAL GYRO
10. ATTITUDE INDICATOR
11. APOLLO GPS MAP INDICATOR
12. NARCO CDI

B. INSTALLED ITEMS:

1. GARMIN GTN480 (APOLLO CNX80) GPS/NAV/COM 1 I.A.W. STC# SA01229SE SYSTEM WIRED TO EXISTING GA35 WAAS GPS ANTENNA
2. GARMIN GTX33ES ADS-B/TRANSPONDER I.A.W STC# SA01714WI
3. GARMIN G5 ATTITUDE INDICATOR I.A.W STC# SA01818WI
4. GARMIN G5 HSI/DIRECTIONAL GYRO/CDI I.A.W. STC # SA01818WI
5. GARMIN GAD29 ARINC CONVERTER I.A.W. STC# SA01818WI
6. GARMIN GMU11 MAGNETOMETER I.A.W. STC# SA01818WI
7. GARMIN GMA245 AUDIO PANEL
8. GARMIN GTR200 COM2
9. ELECTRONICS INTERNATIONAL VA-1A-300 AMP/VOLT METER I.A.W STC# SA2693NM

C. LOCATION OF INSTALLED ITEMS:

1. ITEM B.1 INSTALLED IN CENTER RADIO STACK
2. ITEM B.2 INSTALLED UNDER NOSE ACCESS PANEL
3. ITEM B.3 INSTALLED IN LEFT INSTRUMENT PANEL
4. ITEM B.4 INSTALLED IN LEFT INSTRUMENT PANEL
5. ITEM B.5 INSTALLED BEHIND LEFT INSTRUMENT PANEL
6. ITEM B.6 INSTALLED IN TAIL JUST FORWARD OF RIGHT ACCESS PANEL
7. ITEM B.7 INSTALLED IN CENTER RADIO STACK
8. ITEM B.8 INSTALLED IN CENTER RADIO STACK
9. ITEM B.9 INSTALLED IN LEFT INSTRUMENT PANEL

☒ Additional Sheets Are Attached

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.)

N7387Y

22 June 2019

Nationality and Registration Mark

Date

PIPER

PA30

SN:30-442

D. NOTES

1. THE GARMIN GTN 480 IS WIRED TO THE GAD29 TO SEND AND RECEIVE ARINC DATA TO/FROM BOTH GARMIN G5's. INFORMATION IS ALSO WIRED TO THE GARMIN GTX33ES TO PROVIDE ALTITUDE AND POSITION DATA.

2. ALL WORK DONE PER: AC43.13-2B CH11-12 ALL APPLICABLE PARAGRAPHS, AC43.13-2A CH02-03 ALL APPLICABLE PARAGRAPHS, AC20-13B/AC20-138A ALL APPLICABLE PARAGRAPHS AND MANUFACTURES INSTALLATION MANUALS.

3. CONDUCTED ELECTRICAL LOAD ANALYSIS OF INSTALLED EQUIPMENT AND VERIFIED ELECTRICAL LOAD IS LESS THAN 80%.

4. INCLUDED INSTRUCTIONS FOR CONTINUED AIRWORTHINESS IN THE AIRCRAFT MAINTENANCE RECORDS.

5. PLACED AFMS's IN THE AIRCRAFT FOR THE FOLLOWING: GARMIN GTN480, GARMIN G5, GARMIN GTX33ES.

6. A CHECKOUT LOG WAS COMPLETED AND IS INCLUDED IN THE AIRCRAFT MAINTENANCE RECORDS.

7. ALL AIRCRAFT ELECTRICAL SYSTEMS TESTED AND GPS DOES NOT INTERFERE WITH ANY SYSTEM.

8. NEW AIRCRAFT WEIGHT AND BALANCE COMPUTED AND AIRCRAFT EQUIPMENT LIST REVISED.

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: 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 N7387Y	Serial No. 30-442
	Make Piper	Model PA-30
2. Owner	Name (As shown on registration certificate) Nicholas Gill	Series
	Address (As shown on registration certificate) 115 Teal Vista	
	City Locust Grove	State GA
	Zip 30248	Country USA

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>30-442</u>
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement	
A. Agency's Name and Address	B. Kind of Agency
Name <u>Scott Puzio</u>	☒ U. S. Certificated Mechanic
Address <u>31 Teal Ct</u>	☐ Foreign Certificated Mechanic
City <u>Locust Grove</u> State <u>GA</u>	☐ Certified Repair Station
Zip <u>30248</u> Country <u>USA</u>	☐ Certified Maintenance Organization
	C. Certificate No. 2756261

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
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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 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. 2756261		Signature/Date 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.)

N7387Y

April 01, 2018

Nationality and Registration Mark

Date

Installed two each electric fuel boost pumps per Aviation Innovations, LLC STC SA00786SE.
Installation was completed using Aviation Innovations, LLC installation instructions IIPA30 Revision G 01-10-2004.
Airframe modification was accomplished in accordance with using modification drawing PA30101MD1 and AC43.13.
No change to weight and balance.
No change to electrical load requirements.
Functional test pumps, test flight of aircraft completed with no discrepancies noted.
Aircraft returned to service.

-----END-----

☐ 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
11/30/2007

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 USA N7387Y	Serial No. 30-442
	Make Piper	Model PA-30 Twin Comanche
2. Owner	Name (As shown on registration certificate) Hardy, Camden	Address (As shown on registration certificate) Address 2327 N.W. 95th
		City Seattle State WA Zip 98117 Country

3. For FAA Use Only

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

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	Corporate Air Center, L.L.C.	☒ U. S. Certified Mechanic	Manufacturer
Address	15452 Airport Drive	☐ Foreign Certified Mechanic	C. Certificate No.
City	Burlington State WA	☐ Certified Repair Station	AP4040279IA
Zip	98233 Country	☐ Certified 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 April 26, 2024 Brian Fitzgerald <i>B. Fitzgerald</i>
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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 Fil. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	☒ Inspection Authorization	Other (Specify)

Certificate or Designation No. AP4040279IA	Signature/Date of Authorized Individual April 26, 2024 Brian Fitzgerald <i>B. Fitzgerald</i>
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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.)

USA N7387Y

04/26/2024

Nationality and Registration Mark

Date

Installed STC SA025NY Installation of Aerospace Logic Aircraft Instruments P/N FF202K30 as primary replacement fuel flow instrument. Installed P/N FF202K30 fuel flow instrument IAW installation instructions Doc# A200-201A-6-002 Rev. 1.0. Dedicated intensity control via dimmer switch installed in instrument panel. Instrument P/N FF202K30 installed in existing fuel flow gauge location. Fabricated bracket and installed fuel flow sender P/N A200-201x-6 on left and right firewall. Instructions for continued airworthiness added to aircraft records. Aircraft weight and balance updated to reflect this change. Aircraft FMS Doc # S200-FF202X-005 Rev 1.2 dated 02/28/2017 added to Aircraft Flight Manual.

☐ Additional Sheets Are Attached

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

Number SA4008NM

This certificate, issued to Bogert Aviation

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 Master Eligibility List (MEL)
Make: * Number SA4008NM for List of Approved Airplane
Model: * Models and Applicable Airworthiness Regulations.

Description of Type Design Change:

Installation of removable panels on the battery box sides in accordance with Bogert Aviation Installation Instructions Number 1-1, revised July 9, 1987.

NOTE: This is compatible with STC SA3531NM.

Limitations and Conditions: Approval of this change in type design applies basically to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and Master Eligibility List (MEL) shall be maintained as part of the permanent records for the modified aircraft.

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 23, 1986

Date reissued:

Date of issuance: August 17, 1987

Date amended:



By direction of the Administrator

David G. Smith
(Signature)

Acting Manager, Seattle
Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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

Number SA516GL

This certificate, issued to Knots 2U, Inc.
1941 Highland Avenue
Wilmette, IL 60091

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 3 of the Civil Air

Regulations. (See Type Certificate Data Sheet No. A1EA for complete certification basis).

Original Product — Type Certificate Number: A1EA
Make: Piper
Model: PA-30, PA-39

Description of Type Design Change:

Installation of aileron, flap, flap to fuselage, and rudder gap seals; wing root fairings; dorsal fin; and engine nacelle fairing in accordance with the appropriate manual identified in the Knots 2U, Inc. Installation Manual List Number SA516GL, dated July 4, 1987, or later FAA approved revisions.

Limitations and Conditions:

1. Any or all combinations of the above items are approved.
2. The installer must determine the compatibility of this modification with previously approved modifications.

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: February 5, 1981

Date received: December 16, 1981; August 20, 1987

Date of issuance: April 13, 1981

Date amended: June 5, 1981; May 6, 1982;
July 21, 1982; August 14, 1987

By *W. F. Horn* of the Administrator



W. F. Horn

(Signature)

Manager, Chicago Aircraft Certification Office
ACE-115C, Central Region, FAA

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47