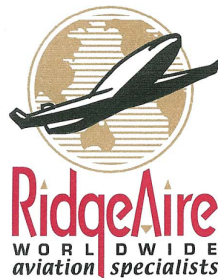


N168DP

1968 Piper Cherokee 180D

FAA Form 337s

MSN: 28-4402



Prepared by the worldwide aviation specialists at RidgeAire, 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 N168DP	Serial No. 28-4402	
	Make PIPER	Model PA-28-180	Series
2. Owner	Name (As shown on registration certificate) ROBBINS DAVID R		
	Address (As shown on registration certificate)		
	Address 2327 INEZ DR NE		
	City ALBUQUERQUE	State NM	
	Zip 87110-4733	Country UNITED STATES	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	<u>PIPER</u>	<i>(As described in Item 1 above)</i>	<u>28-4402</u>
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	<u>AIR ONE SYSTEMS LLC</u>	<input type="checkbox"/>	U. S. Certificated Mechanic	<input type="checkbox"/>	Manufacturer
Address	<u>7401 ATRISCO VISTA BLVD NW</u>	<input type="checkbox"/>	Foreign Certificated Mechanic	<input checked="" type="checkbox"/>	Certificated Repair Station
City	<u>ALBUQUERQUE</u> State <u>NEW MEXICO</u>	<input type="checkbox"/>	Certificated Maintenance Organization	OECR893K	
Zip	<u>87114</u> Country <u>UNITED STATES</u>				

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <div style="font-family: cursive; font-size: 1.2em;">David J Espinosa</div> <div style="text-align: right; font-size: 1.2em;">3-22-2019</div>
--	--

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 <div style="font-family: cursive; font-size: 1.2em;">David J Espinosa</div> <div style="text-align: right; font-size: 1.2em;">3-22-2019</div>
--	--

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 N168DP

MARCH 22, 2019

Nationality and Registration Mark

Date

REMOVED NAV LIGHT AND STROBE LIGHT ON LEFT WING TIP. INSTALLED UAVIONIX TSO SKYBEACON P/N: UAV-1001856-002, MOD 1, S/N: 1000439 ON SAME LOCATION AS REMOVED NAV LIGHT AND STROBE LIGHT.

UAVIONIX SKYBEACON INSTALLED IAW STC SA04362CH USING INSTALLATION MANUAL P/N: UAV-1002305-001, REV D, DATED MARCH 21, 2019.

UNIT CONFIGURATION AND POST OPERATIONAL CHECKS MEET MANUFACTURER SPECIFICATIONS.

AFMS AND ICA GIVEN TO CUSTOMER THIS DATE.

NO WEIGHT AND BALANCE CHANGE.

LOG BOOK ENTRY COMPLETED THIS DATE.

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
2/28/2011

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 N168DP	Serial No. 28-4402
	Make Piper	Model PA-28-180
2. Owner	Name (As shown on registration certificate) Newberry Medical PLLC	Address (As shown on registration certificate) Address 12930 James St. STE 140
		City <u>Holland</u> State <u>MI</u> Zip <u>49424-8324</u> Country <u>Ottawa</u>

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. 3253294
Name <u>George Brewer</u>		<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	
Address <u>16446 Comstock St.</u>		<input type="checkbox"/> Foreign Certificated Mechanic		
City <u>Grand Haven</u> State <u>MI</u>		<input type="checkbox"/> Certificated Repair Station		
Zip <u>49417</u> Country <u>Ottawa</u>		<input type="checkbox"/> 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 <input type="checkbox"/>	Signature/Date of Authorized Individual <u>George Brewer</u> <u>9/10/15</u>
--	--

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	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. 3253294	Signature/Date of Authorized Individual <u>George Brewer</u> <u>9/10/15</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.

N168DP

9/10/2015

8. Description of Work Accomplished

Nationality and Registration Mark

Date

Installed BAS Inc. shoulder harness with inertia reel in accordance with BAS, In. Rport 1006. Weight and Balance not effected.

————— END —————

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

IMPORTANT DOCUMENTS

KEEP WITH AIRCRAFT RECORDS

Number SA01643SE

Reg # N168DP
 AC Ser. # 28-7402
 B.A.S. Inc. Ser. # 710
 1. _____
 2. 711

This certificate, issued to:

BAS, Inc.
411 Super Cub Drive North
PO Box 190
Eatonville, WA 98328

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: * See Attached FAA Approved Model List SA01643SE
Make: for List of Approved Airplane Models and
Model: Applicable Airworthiness Regulations

Description of the Type Design Change: Installation of BAS, Inc. shoulder harness with inertia reel in accordance with BAS, Inc. Report 1006, dated October 15, 2005, or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies 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 relationship 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 FAA Approved Model List SA01643SE must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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

Date of application: March 22, 2005 *Date reissued:*
Date of issuance: February 13, 2006 *Date amended:* December 02, 2010



By direction of the Administrator

(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.

This certificate may be transferred in accordance with FAR 21.47.

FAA APPROVED MODEL LIST (AML) No. SA01643SE
BAS, Inc.
for
SHOULDER HARNESS INSTALLATION

ORIGINAL ISSUE DATE: February 13, 2006

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	FAA APPROVED DRAWING / DRAWING LIST		AML AMENDMENT DATE
					NUMBER	REVISION NO. AND DATE Or Later FAA-Approved Revision	
1	Piper Aircraft, Inc.	PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-28S-160, PA-28S-180, PA-28R-180, PA-28R-200, PA-28-151, PA-28-181, PA-28-181, PA-28R-201, PA-28R-201T, PA-28-236, PA-28RT-201, PA-28RT-201T, PA-28-201T	2A13	CAR 3, and Type Certificate DS 2A13	Report No. 1006	Revision New, dated October 15, 2005	December 02, 2010
2	Piper Aircraft, Inc	PA-32-260, PA-32-300, PA-32S-300, PA-32R-300, PA-32RT-300, PA-32RT-300T, PA-32-301FT, PA-32-301XTC, PA-32R-301 (SP), PA-32R-301 (HP), PA-32R-301T, PA-32-301, PA-32-301T	A3SO	CAR 3, and Type Certificate DS A3SO	Report No. 1006	Revision New, dated October 15, 2005	December 02, 2010
3	Piper Aircraft, Inc	PA-34-200, PA-34-200T, PA-34-220T	A7SO	FAR 23	Report No. 1006	Revision New, dated October 15, 2005	December 02, 2010

FAA Approved:


Acting Manager, Seattle Aircraft Certification Office

Reissued:

Amended:

December 02, 2010



US Department of Transportation
Federal Aviation Administration

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

20

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification
FS10 50-25

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-28-180
	Serial No. 28-4402	Nationality and Registration Mark USA N168DP
2. Owner	Name (As shown on registration certificate) David A Rose	Address (As shown on registration certificate) 495 Tate Road Dyersburg, TN 38024

3. For FAA Use Only

The data herein complies with the applicable requirements and is approved for the above stated aircraft, subject to conformity inspection by a person authorized in FAR 43.7.
Date: 05/21/01 FAA Inspector: James W. Lead

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 Christopher L. Droke 236 Drake St. #23 Ripley, TN 38063	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. A&P409139173
---	---	--

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 5-25-01	Signature of Authorized Individual Christopher L. Droke APY09139173
------------------------	---

7. Approval for Return To Service

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

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 5-25-01		Certificate or Designation No. 587541366IA	Signature of Authorized Individual Fred G. Taylor		

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 Aeroflash Strobe Light System Model 156-0003 (14VDC).
 2. The system consists of 2 each 152-0007A power supplies S/N's J01036144 and J01036145. 2 each Strobe Lamp Assemblies with lens retainers, 1 each cockpit decal, 1 each 5-Amp Switch/Circuit Breaker and associated wiring.
 3. The Aeroflash strobe light system Model 156-0003 14VDC is a complete strobe kit which has remote mounted power supplies and separate lamp assemblies. This strobe light system is approved as anti-collision lights as required by FAR 23.1401, 27.1401 and 91.33 (c) 3 as amended by Federal Docket 10129, dated 10 July 1971. FAA Parts Manufacturer Approval (FAA/PMA) in compliance with standards of Federal Aviation Regulation Part 21 Section 21.303 has been granted. The strobe system may be installed under the provisions of FAA Advisory Circular 20-30B using the following specifications: AC43.13-1B Chapter 10-11 and AC43.13-2A Chapter 4.
 4. The strobe power supplies were mounted in each wing tip. The strobe lamp assemblies were mounted behind the existing navigation lights utilizing the systems lens retainer. Utilized 2 conductor shielded MIL-DTL-27500-20TG3T14 wire as the A+ interface wire. Utilized a Potter-Brumfield W31X2M1G-5 switch/circuit breaker as the on/off device. The system was interfaced to the aircraft buss by utilizing the W31X2M1G-5 switch/circuit breaker.
 5. Placard - "Warning-To avoid optical illusion and severe vertigo, turn anti-collision lights off upon entering clouds, fog or haze.
 6. This system was installed with reference to the manufacturers' instructions and the acceptable methods, techniques and practices in Advisory Circular (AC) 43.13-1B, Chapter 10 paragraphs 16, 20 and 21; chapter 11 paragraphs 30-32, 37, 47-52, 76, 77, 96, 104, 105, 115, 116, 135-139, 155 167, 174, 185 and 186; AC43.13-2A Chapter 4 paragraphs 51a, 51b, 52, 53, 54, 56a, b(1), and 2(d).
 7. Post installation ground accuracy and function tests were performed with reference to the manufacturer instructions. All systems operated normally.
 5. 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 337 and complies with FAR Section 43.9.
 6. Total electrical load does not exceed 80% of total alternator output.
 7. ICA attached.
 8. Reference Dyersburg Aviation work order 3062.
- *****The End*****

Additional Sheets Are Attached

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
FOR MODEL 156-0003 AEROFLASH STROBE AS INSTALLED IN
PIPER PA28-180 S/N 28-4402 REG# N198DP

1. SEE BLOCK 1 AND/OR 4 OF THE FAA FORM 337.
2. SEE BLOCK 8 ITEM 2 OF THIS FAA FORM 337.
3. OPERATION OF THE STROBE SYSTEM CONSISTING OF TURNING THE SYSTEM ON BY ACTIVATING THE APPROPRIATELY LABELED STROBE ON/OFF SWITCH.
4. SERVICING REQUIREMENTS FOR THE EQUIPMENT AS INSTALLED IN THIS INSTALLATION WILL CONSIST OF REPLACING A DEFECTIVE P/N 152-0007A STROBE POWER SUPPLY, P/N 153-0009 FLASHTUBE, DEFECTIVE WIRING OR DEFECTIVE ON/OFF SWITCH.
5. THE EQUIPMENT AS INSTALLED SHOULD BE INSPECTED FOR SECURITY OF INSTALLATION AND PROPER OPERATION DURING AIRCRAFT ANNUAL INSPECTION. THE SYSTEM SHOULD BE CHECKED FOR OPERATION PRIOR TO EACH FLIGHT OF THE AIRCRAFT.
6. TROUBLESHOOTING AND MAINTAINING THIS STROBE SYSTEM WILL CONSIST OF ELEMENTARY ELECTRICAL CHECKS AND SUBSTITUTION OF SUSPECTED DEFECTIVE COMPONENTS.
- 7-11. NOT APPLICABLE
12. SPECIAL TOOLS ARE REQUIRED FOR REMOVAL OR INSTALLATION OF ANY COMPONENTS IN THIS INSTALLATION.
13. NOT APPLICABLE.
14. NO ADDITIONAL OVERHAUL TIME LIMITATIONS.
15. NOT APPLICABLE.
16. TO REVISE THE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, A LETTER MUST BE SUBMITTED TO THE LOCAL FSDO WITH A COPY OF THE REVISED FAA FORM 337 AND REVISED ICA.

1 5/25/01

DATE

Fred G. Taylor

FRED G. TAYLOR
IA587541366



U.S. Department
of Transportation
Federal Aviation
Administration

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

ad
Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

FSDO-50-25

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 1958)

1. Aircraft	Make Piper	Model PA 28-180
	Serial No. 28-4402	Nationality and Registration Mark N5119L
2. Owner	Name (As shown on registration certificate) Rose David A. & Patty	Address (As shown on registration certificate) 495 Tate Road Dyersburg TN 38024

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 Larry T Swor 535 Airport Lane Mckenzie TN 38201	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 410926292 AP
--	---	---

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 11-11-98	Signature of Authorized Individual <i>Larry T Swor</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 Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 11-11-98	Certificate or Designation No. 410926292 IA	Signature of Authorized Individual <i>Larry T Swor</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 Bracket Air Filter assembly P/N BA-104 in accordance with manufacturer's instructions
STC #SA693CE.

Removed SI-TEX model 787CV Loran from avionic stack and Loran antenna from upper fuselage.

Weight and Balance Data revised and enter into aircraft records.

*****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

For FAA Use Only

Office Identification

ADD 5025

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 28-180
	Serial No. 28-4402	Nationality and Registration Mark N5119L
2. Owner	Name (As shown on registration certificate)	Address (As shown on registration certificate)
	5119L AVIATION INC	1406 Nottingham Dr PO BOX 552 UNION CITY, TN 38261

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	O-360-A4A	L-11686-36A		X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Larry T. Swor Route 2, Box 116 McKenzie, TN 38201	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 410926292 AP
---	---	--

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 12-3-97	Signature of Authorized Individual <i>Larry T Swor</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	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 12-3-97	Certificate or Designation No. 410926292IA	Signature of Authorized Individual <i>Larry T Swor</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.

Description of Work Accomplished

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

Replaced existing Lycoming starter with SKY-TEC 12 volt starter model 149-12LS in accordance with manufacturer's instructions. STC SE00218NY
Weight and balance data revised.

=====THE END=====


RECEIVED

DEC 05 1997

MEMPHIS, TN

FSDO-25

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: <u>56-045C</u>			
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 <u>Piper</u>		Model <u>Cherokee 180</u>				
	Serial No. <u>28-4402</u>		Nationality and Registration Mark <u>N5119L</u>				
2. Owner	Name (As shown on registration certificate) <u>Darrel A. Dugger</u> <u>Billy E. Phelps</u>		Address (As shown on registration certificate) <u>Route # 2 Box 246</u> <u>Union City, TN 38261</u>				
	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						
5. Type							
6. Conformity Statement							
A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.			
<u>Dyersburg Avionics, Inc.</u> <u>Municipal Airport</u> <u>Dyersburg, TN 38024</u>		U.S. Certificated Mechanic		SF4R516M			
		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 <u>February 26, 1991</u>		Signature of Authorized Individual <u>Jerrie W. Davis</u> <i>Jerrie W. Davis</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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED							
BY	FAA Flt. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)			
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group				
Date of Approval or Rejection <u>2/26/91</u>		Certificate or Designation No. <u>SF4R516M</u>	Signature of Authorized Individual <u>Jerrie W. Davis</u> <i>Jerrie W. Davis</i>				

RECEIVED
FAA
MAR 1 1991
 Memphis, Tenn.

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 MKIII Nav Com.

Installed King KY-97A Com in center avionic stack. Installed Transcal SSD120-15-encoder TSO C88a on right side wall. Interfaced unit with existing transponder and static system.

Certified static/altimeter/encoder/transponder IAW FAR 43 appendix E & F.

Installation accomplished IAW manufactures installation instruction and; AC 43.13-1A, chapter 11, section 2, paragraph 424, 429(b); AC 43.13-2A, chapter 2 paragraph 21(a), 22, 23(a)(b), 27(a)(b)(c), chapter 3, paragraph 37(a)(c).

Total electrical load does not exceed 80% of total alternator output.

Utilized TEFZEL MIL 22759/16 wire in installation.

Weight and balance data revised and entered into appropriate records.

Reference work order 6338 this repair station.

THE END

Additional Sheets Are Attached