

UNITED STATES OF AMERICA

DEPARTMENT OF TRANSPORTATION--FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND
REGISTRATION MARKS

N6352W

2. MANUFACTURER AND MODEL

PIPER PA-28-140

3. AIRCRAFT SERIAL
NUMBER

28-20410

4. CATEGORY

**STANDARD-
NORMAL OR
UTILITY**

5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.

Exceptions:



6. TERMS AND CONDITIONS

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

Thomas A. Hodnefield
FAA REPRESENTATIVE

DATE OF ISSUANCE

R 10-10-64

THOMAS A. HODNEFIELD

DESIGNATION NUMBER

GL-15

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





AVS Quality Management System

QPM #
AFS-AGL-MSP-F024

Revision
0

Title: Request for Replacement Airworthiness Certificate

Date: May 29, 2009

Page 1 of 1

Date: May 14 2010

I, Joseph J Remackel 2515 78th St E,
Print name Address

Certify that I am the owner of:

N 6352W Make Piper Model PA-28-140

S/N 28-20410 and hereby request a replacement airworthiness certificate.

The replacement certificate is requested because: Airworthiness Certificate lost.

Joseph J Remackel
Signature

Replacement

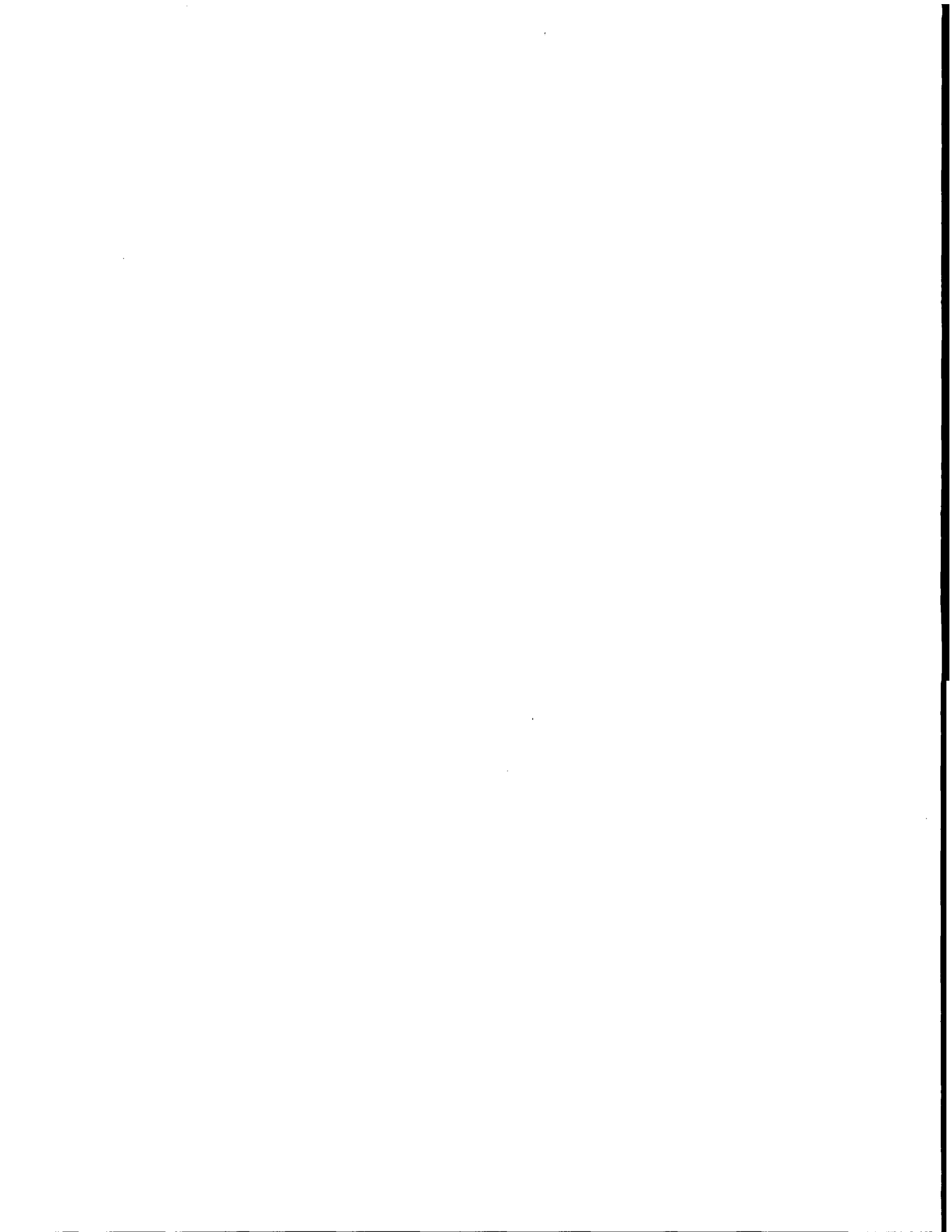
(1) The FAA may issue a replacement airworthiness certificate when a certificate is declared lost, has been mutilated, or is no longer legible. The replacement airworthiness certificate shall carry the original issue date of the certificate being replaced, preceded by a capital "R" in the date block of the certificate. Additionally, replacement certificates will be issued when the aircraft registration number has been changed. In this case a new application for airworthiness certification is not required.

(2) Request for a replacement certificate will be made by a certified statement from the registered owner or certificate operator to the applicable certification office. The certifying statement should include the registration (N) number, serial, and make/model of the aircraft. Replacement of airworthiness certificates shall not be accomplished by verbal agreement with the assigned inspectors or through procedures contained in air carrier's manuals that allow the continued operation of an aircraft without an airworthiness certificate. Such actions are contrary to §§ 91.203 121.153(a)(1), and CFR part 135, Operating Requirements: Commuter and On Demand Operations (part 135), § 135.25(a).

(3) A replacement airworthiness certificate may be issued without supporting documentation from AFS-750 if the date of issuance and the airworthiness classification and/or category of the lost or mutilated certificate can be positively established from the aircraft records, or from the remains of the certificate, the FAA inspector will request copies of the appropriate data (such as the application form or previously issued airworthiness certificate) from AFS-750

(4) Before issuing a replacement certificate, the FAA shall review the aircraft records, and if necessary, inspect the aircraft to ensure the applicant's request is justified, and the aircraft is eligible for the airworthiness certificate requested.

(5) A copy of the replacement certificate must be forwarded to AFS-750.





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

6L-15 GLO

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 PA28-140
	Serial No. 28-20410	Nationality and Registration Mark M6352W
2. Owner	Name (As shown on registration certificate) JOSEPH REMACKEL	Address (As shown on registration certificate) 2515 E 78 TH ST. INVER GROVE HEIGHTS MN. 55076

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.
OWEN R. WASS 8260 COOPER WAY INVER GROVE HEIGHTS MN. 55076	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	1844994
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

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

Date 6/08/03	Signature of Authorized Individual <i>Owen R Wass</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 Fit Standards Inspector	Manufacturer	X	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 6/08/03		Certificate or Designation No. 1844994		Signature of Authorized Individual <i>Owen R Wass</i>	

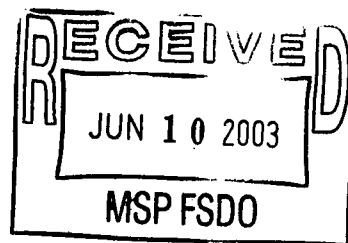
NOTICE

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 PMA PRODUCTS INC. ELECTRIC FUEL PUMP PER STC SA02410AT DATED 10/10/01 AND PRODUCT APPROVAL LISTING SUPPLEMENT NO. 72 DATED 12/26/01 AND PMA PRODUCTS DOCUMENT # CA35328-800E MAINT. REV. IR, DATED 9/20/01. INSTALLED FITTINGS AND CONNECTED HOSES, WIRING AND OPERATIONAL CHECK WAS PERFORMED NO DISCREPENCIES OR LEAKS NOTED. _____END_____

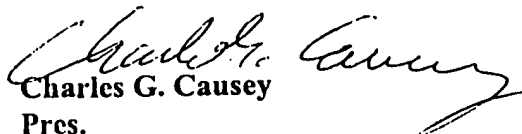


Additional Sheets Are Attached

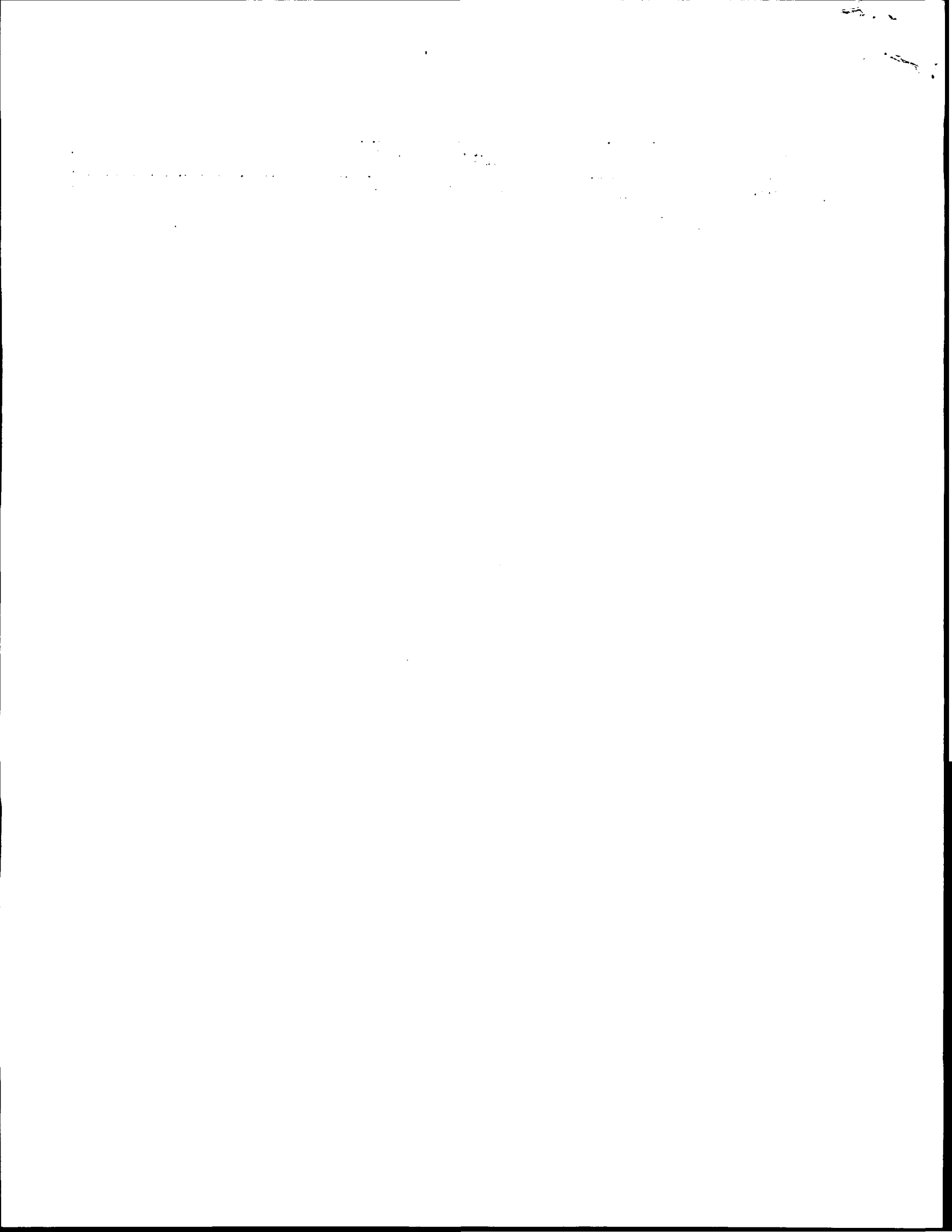
PMA Products, Inc.

"Authorization to use STC SA02410AT"

The following named owner JOSEPH REMACKEL at
address 2515 E 78TH ST IGH. MN 55020, owner of aircraft
make PIPER, model PA28-140, and s/n 28-20410
is hereby authorized to install PMA Products, Inc. p/n CA35328-800E under the
above STC. The pump s/n is 3192.


Charles G. Causey
Pres.

336-685-4423





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

GLIS

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 PA28-140
	Serial No. 28-20410	Nationality and Registration Mark N6352W
2. Owner	Name (As shown on registration certificate) Joseph Remackel	Address (As shown on registration certificate) 2515 E 78th St Inver Grove Hts, MN 55076

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	<i>(As described in item 1 above)</i>				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Owen R Wass 8260 Cooper Way Inver Grove Hts, MN 55076	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 1844994
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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 4/24/02	Signature of Authorized Individual <i>Owen R. Wass</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	<input type="checkbox"/> FAA Fit. Standards Inspector	<input type="checkbox"/> Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify):
	<input type="checkbox"/> FAA Designee	<input type="checkbox"/> Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 24 April, 2002	Certificate or Designation No. 1844994	Signature of Authorized Individual <i>Owen R. Wass</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.)

Modified cowling noseowl assembly by splitting horizontally into two pieces in accordance with Aviation Development Corporation STC SA5694NM. Installation was accomplished following Aviation Development Corporation instructions and AC43.13-1B, chapter 4, section 4, paragraph 4-57. Aircraft weight and balance data not changed by this alteration.

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

Additional Sheets Are Attached

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA5694NM

This certificate issued to Aviation Development Corporation

certifies that the change in type design of the above aircraft is a minor change and that the aircraft is a new product with the limitations and conditions therefor as specified in the certificate and the requirements of Part 3 of the Civil Air

Aircraft Model * **PIPER PA-28**
 Registration No. **N6352W**
 Certificate Number: **28-20410** 2A13
 Make: Piper
 Serial No. _____ Model: PA-28-140, -150, -160, -180

Description of Type Design Change: Splitting of the engine cowl nose bowl horizontally to facilitate inspection and maintenance of the front of the engine.

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 dated March 20, 1992, must 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: December 12, 1991

Date issued:

Date of issuance: March 20, 1992

Date amended:

By Direction of the Administrator
[Signature]

Manager, Special Certification Branch
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.

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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 *GL75 LRL*

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 PA28-140
	Serial No. 28-20410	Nationality and Registration Mark N6352W
2. Owner	Name (As shown on registration certificate) JOSEPH REMACKEL	Address (As shown on registration certificate) 2515 E. 78TH ST. INVER GROVE HEIGHTS MN. 55076

3. For FAA Use Only

THE DATA IDENTIFIED HEREIN COMPLIES WITH
APPLICABLE AIRWORTHINESS REQUIREMENTS AND
IS APPROVED ONLY FOR THE ABOVE DESCRIBED
AIRCRAFT SUBJECT TO CONFIRMITY INSPECTION
BY A PERSON AUTHORIZED IN FAR 43.7

MAY 01 2001 *Robert L. Landis*
Date FAA INSPECTOR MSP-F300

4. Unit Identification

Unit	Make	Model	Serial No.	5. Type	
				Repair	Alteration
AIRFRAME	(As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
OWEN R. WASS 8280 COOPER WAY INVER GROVE HEIGHTS MN. 55076	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	A&P1844994IA
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

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

Date 4/23/01	Signature of Authorized Individual <i>Owen R. Wass</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 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 5/05/01	Certificate or Designation No. A&P1844994.EA	Signature of Authorized Individual <i>Owen R. Wass</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.)

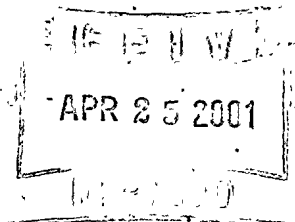
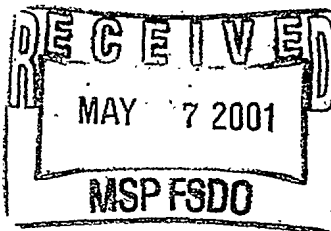
1. Removed 2 Narco MK16 nav/com radios, 2 Narco VOA-40 nav/ind.
2. Installed Collins AUD-250 audio panel, a Bendix/King KX-155 nav/com and a KI-208 ind. a Bendix/King KY-97A com. a Telex PC4 4 place intercom and a external mounted gps ant. Comant industries mod C1405 for hand held GPS.
3. The Collins AUD-250, Bendix/King KX155 and KY-97A and Telex PC4 were installed in the center instrument panel vacated by the radios removed. sta. 59.4. The KI-208 ind. was installed at station 65.3 vacated by one of the VOA-40 ind. The GPS ant was mounted top center of cabin approx. station 86.0. The existing nav/com antennas were used.
4. This installation is in accordance with the manufacturers installation manual's, and AC43.13-1B, paragraphs 11-37, 11-47, 11-48, 11-49; 11-50, 11-66, 11-96, 12-9, 12-10, 12-11, 12-14, 12-20, and AC43.13-2A paragraphs 21,22,& 27.
5. Post installation ground tests were performed in accordance with manufacturers installation manuals and the units were found to operate normally.
6. Total continuous electrical load does not exceed 80% Of the total rated alternator capacity.

Instructions for Continued Airworthiness:

1. Introduction: See paragraph 1&2 above
2. Description: See paragraph 1&2 above
3. Control, Operation information: Operation of the equipment listed in paragraph 2 above is described in their respective operating guides.
4. Servicing information: N/A.
5. Maintenance instructions: Maintenance of the equipment listed in paragraph 2 above is "on condition" only periodic maintenance of this equipment is not required.
6. Trouble shooting information: Trouble shooting this equipment should only be accomplished by an appropriately rated, FAA approved individual or facility.
7. Removal and replacement information: All components listed in paragraph 2 above can be removed and replaced with common tools and practices.
8. Diagrams: N/A
9. Special inspection requirements: N/A
10. Application of protective treatments: N/A
11. Data relative to structural fasteners: N/A
12. List of special tools: N/A
13. For commuter category aircraft: N/A
14. Recommended overhaul: N/A
15. Airworthiness limitations section: N/A
16. Revisions: Revisions will be submitted on 337 and sent to FAA FSDO.

Weight and Balance and Equipment list revised this date to reflect all changes.

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



Additional Sheets Are Attached

RSD 6659711781



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

AGL-FSDO-15

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-28-140
	Serial No. 28-20410	Nationality and Registration Mark N6352W
2. Owner	Name (As shown on registration certificate) REMACKEL JOSEPH J.	Address (As shown on registration certificate) 8885 RIVER HEIGHTS WAY INVER GROVE MN. 55076

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				RECEIVED OCT 6 1997 MSP FSDO	
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address OWEN R. WASS 8260 COOPER WAY 55076 INVER GROVE HEIGHTS MN.	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. A&P1844994IA
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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 OCTOBER 3 1997	Signature of Authorized Individual <i>Owen R Wass</i>
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7. Approval for Return To Service

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

BY	FAA Flt. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection OCTOBER 3 97		Certificate or Designation No. 184494	Signature of Authorized Individual <i>Owen R Wass</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 American Aviation Brokerage and Leasing, Inc. copper cable kit I/A/W STC SA3851SW dated 10/02/87 & drawing list DL87002, Rev. 2 dated 9/14/87. This installation complies with Piper SB 836A weight & Balance N/A. END

Additional Sheets Are Attached



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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification
MSP FSDO 6215

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 PA28-140
	Serial No. 28-20410	Nationality and Registration Mark N6352W
2. Owner	Name (As shown on registration certificate) REMACKEL JOSEPH J	Address (As shown on registration certificate) 8885 RIVER HEIGHTS WAY INVER GROVE MN. 55076

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 OWEN R. WASS 8260 COOPER WAY INVER GROVE HEIGHTS MN. 55076	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. A&P1844994IA
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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 OCTOBER 10 1996	Signature of Authorized Individual <i>Owen R. Wass</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 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 OCTOBER 10 1996		Certificate or Designation No. 1844994	Signature of Authorized Individual <i>Owen R. Wass</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 a Narco MK-12 nav/com. Narco VOA-6 Omni convertor. and a T-12MP-12 Power supply.

Installed a Narco MK-16 nav/com & a VOA-50 Nav Indicator. The MK-16 & VOA-50 ind. were installed in the panel where the other units removed had been. The existing nav/com. antennas was used.

Installed radio & ind. per Narco MK-16 installation manual 3079-622 & AC 43.13-1A Chapter 11 paragraphs 424, 429, 443 and chapter 15 paragraph 750. And AC 43.13-2A chapter 2 paragraphs 21, 22, and 27.

A post-installation ground test was performed in accordance with the MK-16 installation manual and the unit was found to operate normally/

Total continuous electrical load does not exceed 80% of the total rated alternator capacity.

The aircraft weight & balance, & equipment list and logs were revised.

.....END.....

RECEIVED

OCT 15 1996

MSP FSDO

Additional Sheets Are Attached



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

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification
MSP ESDO *WNA*

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 <i>Piper</i>	Model <i>PA-28-140</i>
	Serial No. <i>28-20410</i>	Nationality and Registration Mark <i>N6352W</i>
2. Owner	Name (As shown on registration certificate) <i>Tory Nysen</i>	
	Address (As shown on registration certificate) <i>4424 44th Ave South Minneapolis MN 55406</i>	

3. For FAA Use Only

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

NOV 12 1993

A. Agency's Name and Address <i>Chris Stepp 12280 Geneva Court Apple Valley MN 55124</i>		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. <i>393201266</i>
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>11-7-93</i>		Signature of Authorized Individual <i>[Signature]</i>		

7. Approval for Return To Service

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

BY	FAA Fit Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization <input type="checkbox"/> Other (Specify)
	FAA Designee	Repair Station	
Date of Approval or Rejection <i>11-7-93</i>		Certificate or Designation No. <i>393201266</i>	Signature of Authorized Individual <i>[Signature]</i>

NOTICE


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

8. Description of Work Accomplished

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

Replaced both upper Stabilator skins with Piper
New parts. Part numbers 63574-01 and 63392-01.
Replace left Stabilator Trim tab skin with Piper
New part. Part number 63586-00. All work done
in accordance with Piper Service manual
Paragraph 4-57. Control surface repainted and
control balance checked as per Piper Service manual
table IV-II Balancing Specifications and Found
within limits. 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)		Form Approved OMB No. 2120-0020	
				For FAA Use Only Office Identification <i>JCF GLS</i>	
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 Serial No. 28-20410		Model PA-28-140 Nationality and Registration Mark N 6352W	
2. Owner		Name (As shown on registration certificate) TRUMAN JAMES		Address (As shown on registration certificate) RT 3 PA BOX 252 PIERZ MN 56364	
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.	
NAV COM CONTRACTOR, INC. PO BOX 76 GARRISON MN 56450		<input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station Manufacturer		KL5R992M	
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
Date		Signature of Authorized Individual			
3/15/91		<i>Patricia A. Weis</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 Fit Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)	
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group		
Date of Approval or Rejection		Certificate or Designation No.		Signature of Authorized Individual	
3/15/91		KL5R992M		<i>Patricia A. Weis</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.)

NARCO MK 16, VOA 40, AND COM ANT.
WERE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND ACCEPTED
INSTALLATION PRACTICES ie; AC-43-13-2A WHERE APPLICABLE, CHAP. 2 PAR. 23 a,b,c,
d. PAR. 27 a,b,c,d,e. CHAP. 3 PAR. 36 & 37.
WEIGHT AND BALANCE AND EQUIPMENT LIST HAS BEEN REVISED.

END

Additional Sheets Are Attached

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-RO60.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.				OFFICE IDENTIFICATION	
AGL-GADO:14					
1. AIRCRAFT		MAKE Piper	MODEL PA-28-140	NATIONALITY AND REGISTRATION MARK N 6352 W	
		SERIAL NO. 28-20410	ADDRESS (As shown on registration certificate) Rt. 3 Pierz, Mn. 56364		
2. OWNER		NAME (As shown on registration certificate) Truman, James C.		ADDRESS (As shown on registration certificate) Rt. 3 Pierz, Mn. 56364	
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					XX
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
John F. Smith Rt. 6 Little Falls, Mn. 56345		<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		A&P 471369664	
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse of attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
DATE	SIGNATURE OF AUTHORIZED INDIVIDUAL				
16 June 89	John F. Smith				
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	XX	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			
16 June 89	IA471369664	John F. Smith			

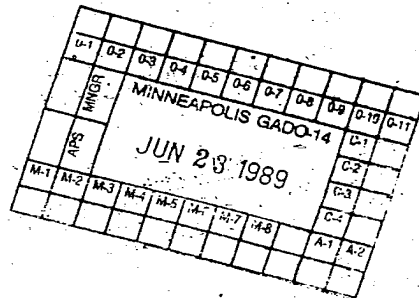
NOTICE

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

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

Installed backett air filter on A/C STC # SA71GL an.
all work was done in accordance with STC holders
instructions.

XXXXXXXXXXXXX END XXXXXXXXXXXXX



ADDITIONAL SHEETS ARE ATTACHED

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				Form Approved Budget Bureau No. 04-R090.1 FOR FAA USE ONLY OFFICE IDENTIFICATION ACL-6ADD-14	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.					
1. AIRCRAFT		MAKE Piper SERIAL NO. 28-20410	MODEL PA-28-140 NATIONALITY AND REGISTRATION MARK N 6352 W		
2. OWNER		NAME (As shown on registration certificate) Truman, James	ADDRESS (As shown on registration certificate) Rt. 3 P.O. Box 252 Pierz, Mn. 56364		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				XXX
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.
John F. Smith Rt. 6 Little Falls, Mn. 56345			<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		AAF 471369664
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			
8 May 88		John F. Smith			
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	<input checked="" type="checkbox"/> 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			
9 July 88	IA471369664	John F. Smith			

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 Metal-aire wing tips on aircraft
Part # 11051 S/N 5577 STC SAGBOWE and all
work was done in accordance with STC holders
instructions.

XXXXXXXXXXXXX END XXXXXXXXXXXXX

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
MINOR		MINNEAPOLIS GADO-14																												C2																																																										
MAJOR		JUL 12 1988																												C-3																																																										
EXT																														A-1																																																										
REPAIR																														A-2																																																										

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 AGL-640014	
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-28-140
	SERIAL NO	28-20410		NATIONALITY AND REGISTRATION MARK	N 6352W
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	Lundblad, Gruber, Truman, Stangl			P.O. Box 370 Pierz Mn. 56304	
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				XX
POWERPLANT	Lycoming	O-320-72A	L-14487-27A		XX
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.
John F. Smith R6 Little Falls, Mn. 56345			<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		471 36 9664
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		
6 Dec 84			John F. Smith		
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	<input checked="" type="checkbox"/>	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	
12/6/84		387509514A		Christopher Connor	

NOTICE

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

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

Modified aircraft and engine in accordance with Petersen Aviation Inc. STC's #SE19310E (engine) SA1963CE (aircraft) to run on automotive fuels as per description in STC's.....

XXXXXXXXXXXXX End XXXXXXXXXXXXXXXX

01	FAA	APR	APR	M1
02				M2
03				M3
04				M4
05				M5
06				M6
07	C-1	02	03	A1
08		03	05	

DEC 17 1984

ADDITIONAL SHEETS ARE ATTACHED

015

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 <u>AEV-6400-14</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.					
1. AIRCRAFT	MAKE	PIPER		MODEL	PA-26-140
	SERIAL NO.	<u>28-20410</u>		NATIONALITY AND REGISTRATION MARK	<u>N6352W</u>
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	<u>DAVID UNTHANK</u>			<u>P.O. BOX 183 CROSSLAKE, MINN. 56447</u>	
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****			XXX	
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
<u>C.S. Platt 85 N. Main Street Yardley, PA 19067</u>		<input checked="" type="checkbox"/> U.S.-CERTIFICATED MECHANIC		<u>A&P 207603</u>	
		<input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC			
		<input type="checkbox"/> CERTIFICATED REPAIR STATION			
		<input type="checkbox"/> MANUFACTURER			
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.					
DATE		SIGNATURE OF AUTHORIZED INDIVIDUAL			
<u>November 13, 1981</u>		<u>C.S. Platt</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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	<input type="checkbox"/>	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.		SIGNATURE OF AUTHORIZED INDIVIDUAL	
<u>11/13/81</u>		<u>AI 207603</u>		<u>C.S. Platt</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.

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

Resealed ~~one~~ two main fuel tanks using MIL-S 8802D, class B-2 sealant.
All metal work performed in accord with AC 43.13-1, chap, 2, sec. 3.
Tanks not installed. No weight change. S/N. 3020 LR. Nothing follows.

Installing Agency to complete
blocks #1 & 2 and the following:
Tanks installed in A/C.

DATE 11-18-81 T.A.T. 3175 HRS

SIGNATURE Edward S. Edg

CERTIFICATE # AP1202814

ADDITIONAL SHEETS ARE ATTACHED

FEDERAL AVIATION AGENCY
 APPLICATION FOR AIRWORTHINESS CERTIFICATE

FORM APPROVED
 BUDGET BUREAU NO. 04-R058.1

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

PART I AIRCRAFT DESCRIPTION	1. AIRCRAFT IDENTIFICATION NO. N 6352W	2. AIRCRAFT MAKE Piper	3. AIRCRAFT MODEL PA 28-14C
	4. AIRCRAFT SERIAL NUMBER 28-20410	5. ENGINE MAKE Lycoming	6. ENGINE MODEL O-320-E2A
	7. NUMBER OF ENGINES One	8. PROPELLER MAKE Sensenich	9. PROPELLER MODEL M74DM60
PART II CERTIFICATE TYPE REQUESTED	1. APPLICATION IS HEREBY MADE FOR:		
	A. <input checked="" type="checkbox"/> ORIGINAL ISSUANCE OF CERTIFICATE (AIRCRAFT: <input checked="" type="checkbox"/> NEW <input type="checkbox"/> USED <input type="checkbox"/> IMPORT) (CAR 1) B. <input type="checkbox"/> AMENDMENT OF CURRENT CERTIFICATE (CAR 1:62) C. <input type="checkbox"/> MULTIPLE CERTIFICATE (REF. CAR 1 AND 8) D. <input type="checkbox"/> OTHER _____ (Specify)		
PART III INSPECTION AGENCY VERIFICATION (Not applicable to newly manufactured aircraft)	2. AIRWORTHINESS CLASSIFICATION (Check appropriate item(s)) It is requested that an Airworthiness Certificate be issued to permit operation of the above described aircraft in the following classification(s):		
	A. <input checked="" type="checkbox"/> STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES) (REF. CAR 1) B. <input type="checkbox"/> LIMITED (REF. CAR 9) C. <input type="checkbox"/> RESTRICTED (REF. CAR 8) (Check operation(s) to be conducted) (1) <input type="checkbox"/> AGRICULTURAL AND PEST CONTROL (2) <input type="checkbox"/> AERIAL ADVERTISING (3) <input type="checkbox"/> AERIAL SURVEYING (4) <input type="checkbox"/> PATROLLING (5) <input type="checkbox"/> FOREST AND WILDLIFE CONSERVATION (6) <input type="checkbox"/> WEATHER CONTROL (7) <input checked="" type="checkbox"/> OTHER _____ (Specify) D. <input type="checkbox"/> EXPERIMENTAL (REF. CAR 1) (Check operation(s) to be conducted) (1) <input type="checkbox"/> AMATEUR-BUILT (2) <input type="checkbox"/> EXPERIMENT (RESEARCH AND DEVELOPMENT) (3) <input type="checkbox"/> EXHIBITION (4) <input type="checkbox"/> RACING (5) <input type="checkbox"/> TO SHOW COMPLIANCE WITH CAR _____ E. <input type="checkbox"/> (OTHER) _____ (Specify)		
PART IV OWNER'S CERTIFICATION	3. HAS THE APPLICANT PREVIOUSLY BEEN DENIED AN AIRWORTHINESS CERTIFICATE FOR THIS AIRCRAFT? <input type="checkbox"/> YES (Explain) <input checked="" type="checkbox"/> NO		
	1. IN ACCORDANCE WITH CAR 1.67(d) THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: A. <input type="checkbox"/> AIRCRAFT MANUFACTURER (Name of Firm) _____ B. <input type="checkbox"/> CERTIFICATED DOMESTIC REPAIR STATION, CERTIFICATE NO. _____ C. <input type="checkbox"/> CERTIFICATED AIR CARRIER, CERTIFICATE NO. _____ D. <input type="checkbox"/> CERTIFICATED MECHANIC (Inspection Authorization) NO. _____ DATE _____ SIGNATURE OF AUTHORIZED INDIVIDUAL _____ TITLE _____		
I hereby certify that the aircraft described above has been inspected and is airworthy and eligible for the classification(s) requested. I further certify that I am the registered owner (or his agent) of this aircraft which is registered* with the Federal Aviation Agency, as required by the Federal Aviation Act of 1958 and the applicable Federal Aviation Regulations and Regulations of the Administrator and that the following evidence of registration is displayed in the aircraft. (Check and complete appropriate item(s): this includes completion of items 1 and 2 on the reverse side of this form.)			
1. <input type="checkbox"/> CERTIFICATE OF REGISTRATION, FAA FORM 500 (PART A) DATE OF ISSUE _____ 2. <input type="checkbox"/> APPLICATION FOR REGISTRATION, FAA FORM 500 (PART B). FAA FORM 500 FORWARDED TO _____ FAA AIRCRAFT REGISTRATION BRANCH ON (Date) _____ 3. <input checked="" type="checkbox"/> DEALER'S AIRCRAFT REGISTRATION CERTIFICATE, FAA FORM 1707 (Expiration date) <u>June 17, 1965</u> 4. REGISTERED OWNER'S FULL NAME AND PERMANENT MAILING ADDRESS (No., Street, City, Zone and State) <u>Piper Aircraft Corporation</u> <u>Vero Beach, Florida</u>			
*In order to be eligible for registration an aircraft must be owned by a citizen of the United States as defined by Section 101(13) of the Federal Aviation Act of 1958.			
5. SIGNATURE OF REGISTERED OWNER OR AUTHORIZED AGENT 6. DATE <u>10-10-64</u> 7. TITLE <u>Chief Inspector</u> 8. ATTACHMENTS (Check which) A. <input type="checkbox"/> FAA FORM 337 C. <input type="checkbox"/> WEIGHT AND BALANCE REPORT E. <input type="checkbox"/> OTHER (List separately) B. <input type="checkbox"/> FAA FORM 317 D. <input type="checkbox"/> DATA, DRAWINGS, PHOTOGRAPHS, ETC. (List separately)			

38 OCT 29 1964

FEDERAL AVIATION AGENCY
 AIRCRAFT INSPECTION REPORT

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

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

A. AIRCRAFT SPECIFICATION OR TYPE CERTIFICATE DATA SHEET NO. 2A13 REVISION NO. 10
 B. AIRCRAFT LISTING, PAGE NO.(S) _____
 C. AIRWORTHINESS DIRECTIVE SUMMARY 1963 (YEAR) THROUGH CARD NO. 64-22
 D. SUPPLEMENTAL TYPE CERTIFICATE NO.(S) _____
 E. OTHER _____ (Specify)

2. AIRCRAFT AND ENGINE OPERATING RECORDS

A. AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
 B. COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
 C. AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF _____ HOURS
 D. ENGINE RECORDS INDICATE THE FOLLOWING OPERATION:

SERIAL NO. <u>I-14487-27A</u>	TOTAL HOURS _____	TIME SINCE OVERHAUL _____
SERIAL NO. _____	TOTAL HOURS _____	TIME SINCE OVERHAUL _____
SERIAL NO. _____	TOTAL HOURS _____	TIME SINCE OVERHAUL _____
SERIAL NO. _____	TOTAL HOURS _____	TIME SINCE OVERHAUL _____

3. AIRWORTHINESS DOCUMENTATION

A. CURRENT OPERATING RESTRICTIONS (LIMITATIONS), COPY ATTACHED
 B. CURRENT OPERATING RESTRICTIONS (LIMITATIONS), AVAILABLE IN AIRCRAFT
 C. CURRENT APPROVED AIRCRAFT FLIGHT MANUAL, AVAILABLE IN AIRCRAFT
 D. CURRENT WEIGHT AND BALANCE INFORMATION, AVAILABLE IN AIRCRAFT
 E. THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS
 F. FAA FORM 337, MAJOR REPAIR AND ALTERATION, (ATTACH WHEN REQUIRED)
 G. FAA FORM 317, STATEMENT OF CONFORMITY, (ATTACH WHEN REQUIRED)
 H. WEIGHT AND BALANCE REPORT, (ATTACH WHEN REQUIRED)
 I. DATA, DRAWINGS, PHOTOGRAPHS, ETC., (ATTACH WHEN REQUIRED)
 J. AIRWORTHINESS CERTIFICATE, FAA FORM 1362, ISSUED IN ACCORDANCE WITH CAR 1.67 (a)
 PREVIOUS FAA FORM 1362, ISSUED IN ACCORDANCE WITH CAR _____

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

4. FAA REPRESENTATIVE CERTIFICATION

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

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

Current Form FAA-1707

6. DESIGNEE'S SIGNATURE <u>Wayland R. Medlin</u> Wayland R. Medlin	DESIGNATION NO. <u>DMIR-6070</u>	DATE <u>10-10-64</u>
7. FAA INSPECTOR'S SIGNATURE <u>William H. Tappin</u>	FAA DISTRICT OFFICE NO. <u>FAA-SO</u> <u>EMDO-43</u>	DATE <u>OCT 21 1964</u>

8. REMARKS

A. ACCEPTED
 B. REINSPECTED
 C. SPOT CHECKED

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

1. Copy of Form FAA-1362B



UNITED STATES OF AMERICA FEDERAL AVIATION AGENCY		
CERTIFICATE OF AIRWORTHINESS		
1. NATIONALITY AND REGISTRATION MARKS N6952H	2. AIRCRAFT AIRWORTHINESS CLASSIFICATION Standard - Normal or Utility	
3. This Certificate of Airworthiness is issued pursuant to the Federal Aviation Act of 1958. The aircraft identified hereon is considered airworthy when maintained and operated in accordance with the Civil Air Regulations and applicable aircraft Operation Limitations.		
4. This Certificate will remain in effect as long as the aircraft is maintained in accordance with Part 43 of the Civil Air Regulations unless surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Agency.		
5. DATE OF ISSUANCE 10-10-64	6. FAA REPRESENTATIVE <i>Wayland E. Madlin</i> Wayland E. Madlin	7. DESIGNATION NO. DESP-6070
8. Any alteration or misuse of this Certificate is punishable by a fine of not exceeding \$1,000 or imprisonment not exceeding 3 years, or both.		

FAA AIRCRAFT REGISTRY
CAMERA NO. 2N DATE: 2-18-86

2015

911 ~~618~~ 28 MAY 1965

FEDERAL AVIATION AGENCY				Operator #7	Form approved, Budget Bureau No. 04-R000.
MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)					
1. AIRCRAFT	MAKE Piper	MODEL PA-28 140	SERIAL NO. 28-20410	NATIONALITY AND REGISTRATION MARK N83527	
2. OWNER	NAME (First, middle, last) West Central Airways, Inc.		ADDRESS (Street and number, city, zone and State) Box 432 Fergus Falls, Minnesota.		
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				IX
b. POWERPLANT	APR 1965	The alteration identified herein complies with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in CAR 13.11 (5).			
c. PROPELLER	GENERAL SAFETY DISTRICT OFFICE				
d. APPLIANCE	TYPE AND MANUFACTURER		4/12/65 Date	James A. Brown Gen. Aircraft Maint. Inspector	
4. AIRCRAFT WEIGHT AND BALANCE DATA *AFTER the repairs and/or alterations described below were made.					
CATEGORY		EMPTY WEIGHT (Pounds)*	EMPTY CENTER OF GRAVITY (Inches from datum)*		USEFUL LOAD (Pounds)*
Normal Utility		1238	84.4		713
		1238	84.4		713
5. CONFORMITY STATEMENT (Complete and check)					
a. AGENCY'S NAME AND ADDRESS		b. KIND OF AGENCY		c. CERTIFICATE NO.	
S. Stanley Fiek Box 432 Fergus Falls, Minn.		<input checked="" type="checkbox"/> U. S. Certificated Mechanic. <input type="checkbox"/> Foreign Certificated Mechanic. <input type="checkbox"/> Certificated Repair Station. <input type="checkbox"/> Manufacturer. <input type="checkbox"/> (Check if repair or alteration was made under delegation option procedures.)		AAP 1316933	
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.					
4/12/65 (Date repair and/or alteration completed)		S. Stanley Fiek (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					
3 <input checked="" type="checkbox"/> APPROVED } BY { <input type="checkbox"/> FAA Designee <input type="checkbox"/> Manufacturer <input type="checkbox"/> Canadian Department of Transport Inspector of Aircraft <input type="checkbox"/> REJECTED <input type="checkbox"/> FAA Flight Standards Inspector <input type="checkbox"/> Repair Station <input checked="" type="checkbox"/> Other (Specify)		Inspection Authorization S. Stanley Fiek AAP 1316933 (Signature of authorized individual; title or identification number)			
4/12/65 (Date of approval or rejection)					
7. TO BE COMPLETED ONLY BY FAA PERSONNEL					
a. <input type="checkbox"/> Forwarded for engineering comment <input type="checkbox"/> See attached memorandum					
b. <input checked="" type="checkbox"/> Accepted 4/13/65 <input type="checkbox"/> Reinspected <input type="checkbox"/> Spot Checked					
Reg. CE GADO 7 3-7 (FAA designation number)		James A. Brown (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, power-plant, 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 Narco MK VI vhf radio receiver and Piper PML marker beacon. Installations in access spaces for this purpose. Power leads from fuse panel and wiring provided for this purpose factory installed. Rec. ant for Narco incorporated from existing VHF ant. Receiver for marker lites, installed aircraft belly at 150" aft datum. Electric load investigated and found within alternator capacity. 55 amps alternator

Weight and Balance:

Aircraft Ewt.	1230	84.5	105898.
Narco MK VI	6.5	85.	422.5
PML head	.85	68.	17.
PML receiver	1.25	160	197.5
New Aircraft Ewt.	1238.		104523.0

104523
1238 = 84.4" New EWG.

Loaded condition Normal Category:

Aircraft Ewt.	1238	84.4	104523.
Oil (2 Gal)	15	31.7	478.
Pilot & Pass.	340	85.5	29070.
Fuel (50 Gal)	300	95.	28500/
Baggage	57	117.	6839.
	1950.		169408

169408
1950 = 86.8" aft datum
 CG range at 1950 Lbs / 86.5 to / 89.0

*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.