

# AIRCRAFT DESCRIPTION

Registration No. N83685

PA-28RT-201

Popular Name: Arrow IV

28R-8118046

Type Certificate No.: 2A3

## SEE WEIGHT AND BALANCE

Manufacturer: Lycoming

Propeller Manufacturer: McCaulley

Engine Model: IO-360-C126

Original Propeller Model: 2D34C215

Engines: Single L-22317-51A

Hub or Serial Number: Single 807425

Left \_\_\_\_\_

Left \_\_\_\_\_

Right \_\_\_\_\_

Right \_\_\_\_\_

### Blade Numbers

Left

Right

B135750

B135823

Date	Aircraft Time This Date Brought Forward →	Total	
FEB 18 1981		4.20	<p>I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED <u>FEB 18 1981</u> I/A/W FAR 21.183(a) PER 21.273. <u>R. M. [Signature]</u> FAA DOA SO-I</p> <p>THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>20,000</u> FT. ON (L) <u>9-18-80</u> (R) <u>N/A</u> SIGNED <u>R. M. [Signature]</u> DATE <u>FEB 18 1981</u></p> <p>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TESTS REQUIRED BY FAR PART 91.36 HAVE BEEN PERFORMED THIS DATE: <u>12-1-80</u> SIGNED: <u>R. M. [Signature]</u></p>
Total To Carry Forward		4.20	



The ATC Transponder Tests and Inspections required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix F.

ATC Transponder:

1. Make King Model KT76A S/N 23778

2. Make N/A Model N/A S/N N/A

Details of this inspection are on file at this facility under

S/N 81-18046 Date 2-11-81

Q. A. Inspector

RH Gentini  
PIPER AIRCRAFT CORP.  
VERO BEACH, FLORIDA

The ELT is installed per FAR 91.52. Battery replacement date 5-28-82

RH Gentini  
D. O. A. No. SO-1  
Piper Aircraft Corp.



Date	This Date	Total	Reading
5/19/81	Brought Forward →	Installed King KN62A DME per Piper drawing 38968-5. Aircraft Weight and Balance is revised, FAR 23.1547, Compass Calibration, complied with and functional flight performed. Work Order 13743B. Total time: 80.33.	
		2 (Done) <i>[Signature]</i>	
		MMF 5452 P.A.C. Vero Bch	

Date	This Date	Total	Reading
JUL 10 1981	Brought Forward →	TOTAL TIME <u>106.31</u> METER "I CERTIFY THAT THIS <u>A-7</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION." FOR EQUIPMENT CHECK FOR IFR OPERATIONS HAS BEEN COMPLIED WITH PER FAR 91.25 BEARING ERROR: #1 <u>-1</u> #2 <u>+1</u>	
AUG 10 1981		TOTAL TIME <u>152.87</u> METER "I CERTIFY THAT THIS <u>A-7</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Soltz</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."	
Total To Carry Forward			

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER  
WORK ORDER NUMBER 200441  
REPAIR STATION NUMBER: MMF 708-2  
PIPER AIRCRAFT CORPORATION  
3000 MEDULLA RD. LAKELAND, FL 33803  
SIGNED Tony [Signature] DATE JUL 10 1981

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER  
WORK ORDER NUMBER 200502  
REPAIR STATION NUMBER: MMF 708-2  
PIPER AIRCRAFT CORPORATION  
3000 MEDULLA RD. LAKELAND, FL 33803  
SIGNED Tony [Signature] DATE AUG 10 1981

Date	This Date	Total	Reading
SEP 12 1981	Brought Forward →	TOTAL TIME <u>205.26</u> METER "I CERTIFY THAT THIS <u>A-7</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION." FOR EQUIPMENT CHECK FOR IFR OPERATIONS HAS BEEN COMPLIED WITH PER FAR 91.25 BEARING ERROR: #1 <u>-1</u> #2 <u>+1</u>	
OCT 28 1981		TOTAL TIME <u>249.0</u> METER "I CERTIFY THAT THIS <u>A-7</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Soltz</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."	
Total To Carry Forward			

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER  
WORK ORDER NUMBER 200553  
REPAIR STATION NUMBER: MMF 708-2  
PIPER AIRCRAFT CORPORATION  
3000 MEDULLA RD. LAKELAND, FL 33803  
SIGNED Tony [Signature] DATE SEP 12 1981

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER  
V ORDER NUMBER 200659  
REPAIR STATION NUMBER: MMF 708-2  
PIPER AIRCRAFT CORPORATION  
3000 MEDULLA RD. LAKELAND, FL 33803  
SIGNED Tony [Signature] DATE OCT 28 1981



Date	This Date	Total	Reading
DEC 1 6 1981	Brought Forward →		TOTAL TIME <u>303.17</u> METER
			"I CERTIFY THAT THIS <u>ALT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."
			VOR EQUIPMENT CHECK FOR IFR OPERATIONS HAS BEEN COMPLIED WITH PER FAR 91.25
			BEARING ERROR: #1 <u>0</u> #2 <u>+1</u>
JAN 2 5 1982			TOTAL TIME <u>350.0</u> METER
			"I CERTIFY THAT THIS <u>ALT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>50hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."
			VOR EQUIPMENT CHECK FOR IFR OPERATIONS HAS BEEN COMPLIED WITH PER FAR 91.25
			BEARING ERROR: #1 <u>0</u> #2 <u>+1</u>
Total To Carry Forward			

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

WORK ORDER NUMBER 200775

REPAIR STATION NUMBER: MMF 708-2  
PIPER AIRCRAFT CORPORATION  
3000 MEDULLA RD. LAKELAND, FL 33803

SIGNED Tom R. White DATE DEC 1 6 1981

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

WORK ORDER NUMBER 2810

REPAIR STATION NUMBER: MMF 708-2  
PIPER AIRCRAFT CORPORATION  
3000 MEDULLA RD. LAKELAND, FL 33803

SIGNED Tom R. White DATE JAN 2 5 1982

Date	This Date	Total	Recorder Reading	Maintenance	and Remarks
MAR 2 5 1982	Brought Forward →			Removed & Replaced Prop Hub S/N 807487 Blisks	- New Prop Installed - Model 2D24C215 S/N 18132463 S/N B 132450
			TOTAL TIME <u>402.17</u> METER		THIS TRANSPONDER, S/N <u>23778</u> HAS BEEN TESTED FOR IFR OPERATIONS PER FAR 91.177
			"I CERTIFY THAT THIS <u>ALT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."		PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
			VOR EQUIPMENT CHECK FOR IFR OPERATIONS HAS BEEN COMPLIED WITH PER FAR 91.25		WORK ORDER NUMBER <u>2910</u>
			BEARING ERROR: #1 <u>0</u> #2 <u>0</u>		REPAIR STATION NUMBER: MMF 708-2 PIPER AIRCRAFT CORPORATION 3000 MEDULLA RD. LAKELAND, FL 33803
			THE ALTIMETER AND STATIC SYSTEMS HAVE BEEN TESTED AS REQUIRED PER FAR 91.170.		SIGNED <u>Tom R. White</u> DATE <u>MAR 2 5 1982</u>
			ALTIMETER SERIAL NO. <u>V1384</u> DATED <u>3-25-82</u>		
			TESTED TO <u>20,000</u> ft.		
Total To Carry Forward					

Brought Forward →

5-18-82 Remove existing electric clock and installed AstroTech Model LC-2 Chronometer SN 17159. All work performed in accordance with Manufacturer's installation instructions and AC 44-13-1+2. Negligible Weight and Balance change.

JOLIET AVIONICS, INC.  
FAA REPAIR STATION #3159 CLASS III

SIGNATURE Tom R. White  
Alternate Inspector



8/18/82 Replaced both gyros with  
new units #A61706 & 5927A  
Doug Mull for  
Goliath Avionics #3159

Date	Aircraft Time		Reading	Maintenance	Remarks
	This Date	Total			
AUG 7, 1982	Brought Forward →			TACH INDICATES 529 HOURS - TOTAL TIME ON TIME ON PROPELLER 127 HOURS - COMPLETED WITH PIPER INSPECTION REPORT 230-818 - ALL A.D. NOTE COMPLIANCE THRU ISSUE 82-15	AIRFRAME & ENGINE 529 HRS - TOTAL ANNUAL INSPECTION IN ACCORDANCE ROUTINE MAINTENANCE ACCOMPLISHED LISTED IN FRONT OF BOOK —

DATE AUG. 7, 1982 HOURS TACH 529  
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Ron Miehleke IA1761987

Ron Miehleke

10-7-82	TACH 587.5	TT 587.5		Changed new tire this date installed BFG 5.00x5 tire - M. Douglas Smith Jr. AIP 308600932
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11-24-82	Tach Reads 643.83	Total Airframe + engine - Prop Time		201.83 - Annual Inspection completed this date - Inspected with piper inspection Report # 230-818 - Replaced L.T. Bottom New date NOV-84 - Rebuilt Left gear side Brace Block - Replaced Left Brake Pads - Packed all wheel bearings - oil
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DATE 11-24-82 HOURS 643.83  
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.  
SIGN *[Signature]* AIP 320482845 J.R.



Date	Aircraft	Total	Reading	Maintenance
MAR. 9, 1983	Brought Forward →	REPLACED TACH WITH NEW - OLD TACH INDICATES 706.79 HRS. - NEW TACH 00.00 HRS.		
		ACFT TOTAL TIME	706.79 HRS.	R. Miehle A+P 1761987
MAR 9, 1983	TACH 00.00	INSTALLED PIPER FUSELAGE DRAIN KIT END Rich & Tail AP. 353-52-7693		
MAY 6, 1983	TACH READS - 39.57	ITAF - 746.36 TT. PROP - 344.19 TTENG - 746.36. PERFORMED 100-HR INSPECTION FOLLOWING PIPER INSP. FORM 230-818. BOTTOM TAIL MAINT. BULB REPLACED. REPLACED VACUUM RELIEF		
Total To Carry Forward				

AND CENTRAL INSTRUMENT AIR FILTER. INSTALLED 2 SHIMS IN NOSE GEAR STRUT ASSBY. REBUILT RT. GEAR SIDE BRACE BLOCK. RT. BRAKE PADS REPLACED. MAIN & NOSE GEAR WASHED OFF & GREASED.

DATE 5/6/83... HOURS 39.57... TT-746.36  
I certify that this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition.

SIGNED: J. M. ... 346568649

DATE 5/6/83 HOURS TACH 39.57 / TT. 746.36

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Ron Miehle IA1761987

Ron Miehle



Date	This Date	Notes
8-25-83	Brought Forward →	Installed S-TEC system 60 two axis automatic flight guidance system model ST-089 with optional autotrim system in accordance with STC# SA4732SW. For further information see 337 form this date in aft paperwork.
<b>JOLIET AVIONICS, INC.</b> <b>FAA REPAIR STATION #3159 CLASS III</b> SIGNATURE <u>[Signature]</u> Alternate Inspector		
Install and/or removed Avionics Components as listed in Minor Alteration Form. Date: <u>8-25-83</u> Work Order No. <u>21464</u> on file at J.A. for <u>3</u> Aircraft Empty Weight: <u>2220</u> Aircraft EWCG: <u>2220</u> Aircraft Useful Load: <u>2220</u> Inspected by: <u>[Signature]</u> <b>JOLIET AVIONICS, INC.</b> 1001 Airport West Chicago, Illinois 60185 Approved Repair Station No. 3159		

9/10/83	TACH READS 144.42
PERFORMED 100HR INSPECTION USING APPROVED PIPER INSPECTION FORM. BOTH MAIN TIRES REPLACED WITH NEW PARTS. INSTALLED NEW BAGGAGE DOOR SEAL AT THE LEADING & TRAILING EDGE POSITIONS. REINSTALLED TOW BAR BRACKET TO REAR BULK HEAD. SERVICED BOTH BRAKE & POWER-PACK WITH 5606. A/C ALL CUBED, ALL BEARINGS PACKED. — END —	
DATE..9.10.83..HOURS..144.42.. I certify that this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition. SIGNED <u>David Wolinski</u> .....P.P. 356621619	



Date	This Date	Total	Notes
DATE 7-08	HOURS 144.42	857.21	
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.			
SIGN <i>[Signature]</i> <i>DA 84320182845 IN.</i>			
3/30/84	TACH READS 250.98	PERFORMED ANNUAL	
	INSECTON IN ACCORDANCE WITH MANUFACTURED		
	SERVICE MANUAL. REPLACED RUDDER.		
	REPLACED ONE GROUND STRAP. REPLACED STATIC		
	WICK. REPLACED LT. BRAKE PADS. RESEALED		
	LT. COPILOTS MASTER CYL. REPLACED LT.		
	BRAKE DISK.	LUBED CONTRAS	

DATE 3/30/84.....HOURS 250.98

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

SIGN *[Signature]* *LA 853527693*



ALTIMETER (S)					
PILOT'S <u>United</u>	C/PILOT'S <u>N/A</u>	ALTIMETER STATIC SYSTEM TESTED THIS DATE <u>4/3/84</u> AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E" PARAGRAPH (a).			
S/N <u>W384</u>	S/N <u>N/A</u>				
TESTED TO <u>20,000</u> FT.		JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III			
AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E" PARAGRAPH (b) DATED <u>4/3/84</u>		SIGNATURE <u>[Signature]</u>			
JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III					
SIGNATURE <u>[Signature]</u>					
AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTED AND INSPECTED AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43, APPENDIX "E" PARAGRAPH (c).		DATE <u>4/3/84</u> MODEL <u>16T-76A</u> S/N <u>3726</u>			
JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III		TRANSPONDER TESTED IN ACCORDANCE WITH PART 43.			
SIGNATURE <u>[Signature]</u>		APPENDIX "F" FOR COMPLIANCE WITH FAR 91.172 THIS DATE			
		JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III			
Total To Carry Forward		Signature <u>[Signature]</u> Alternate Inspector			

and Remarks	Signature	Certificate No.
TT 1067.2		
7/17/84 TACH 360.51 Performed 100 HR		
Inspection using approved Piper inspection Form. Installed shim (1) at left drag torque link, stop drill crack Bottom (right) skin of stabilator, & Replaced Positive Battery strap		
DATE 7/17/84 HOURS 360.51	DATE 7/17/84 HOURS 360.51	
I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition	I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition	
SIGN <u>Enrique Rosario A330529365</u>	SIGN <u>Robt J. A353527693</u>	



Date	This Date			
9-11-84	Brought Forward →	TACH Reads	458.09	AC Total 1164.88 ENG TOTAL 1164.88
<p>ENG TSMO <del>100 hr</del> Complete 100 hr insp in accordance w/ FAR Part 43 &amp; Piper Approved checklist. Packed all wheel bearings. Secured cabin door seal. Replaced vacuum pressure Regulator filter. Secured wiring harness under panel to prevent interference w/ yoke. Replaced Stabilator Pushrod END (Forward end under floor). Marked fuel tanks for capacity. Replaced all brake linings. Repaired Passenger (Front) Seat back release. All AD's complied w/ Thru 84-17. END</p>				
<p>DATE 9/11/84 HOURS TACH 458.09  I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition  SIGN <i>[Signature]</i> #P 325640253</p>				

11/5/85	TACH INDICATES	559.49		
<p>WORK PERFORMED 100HR. INSPECTION COMPLETED THIS DATE WITH APPROVED INSPECTION FORM. REPLACED RT. BRAKE PAD. REPLACE LOWER TAIL MAIN BULB. REPLACED RT. INBOARD ALLECON ROD- END. REINSTALLED RT. WING ROOT SEAL. INSTALLED ALL NEW INSTRUMENT PLACARDS. INSTALLED GEAR CUSHION IN RT. GEAR WHEEL WELL. INSTALLED NEW RT. SUMP DRAIN. REPLACED DETERIORATED BAGGAGE DOOR SEAL. REPLACE WORN SECTION OF CABIN DOOR SEAL. REPAIRED ENGINE CONTROL PANEL. A/C HUBS AS REQUIRED. ALL ROUTINE MAINTENANCE COMPLETED AS REQUIRED. RUN-UP SHOWED NO VISIBLE SIGNS OF DEFECTS OR MALFUNCTIONS.</p>				
<p>— END —</p>			<p>ENTRY →</p>	



DATE 1/5/85 HOURS 559.99  
I certify that this aircraft has been inspected  
in accordance with a 100 hour inspection and  
was determined to be in an airworthy condition  
SIGN *David Wolinski* AOP 356621619

DATE 1/5/85 HOURS 559.49  
I certify that this aircraft has been inspected  
in accordance with an ANNUAL inspection and  
was determined to be in an airworthy condition  
SIGN *Joseph J. Hopper Jr.* A338549082

\*JAN 22, 1985 TACH 567.2 PA28RT-201 N83685  
INSTALL FUEL FLOW INDICATOR AND TRANSDUCER AS PER  
STC (SEE FORM 337 THIS DATE) \*LUBE BOTH CONTROL  
SHAFTS WITH SILICONE SPRAY \*REPLACE BOTH BUSHINGS FOR  
FRONT LOWER COWL PINS *Rm & Tail* A3353527693

\*FEB 26, 1985 TACH 582.4 PA28RT-201 N83685  
REPLACE THROTTLE CONTROL P/N 67639-000

*Joseph J. Hopper Jr.* AOP 334565632

\*FEB 27, 1985 TACH 582.4 PA28RT-201 N83685  
INSTALL HAMILTON MODEL HI-400 VERTICAL CARD COMPASS  
S/N 9800 \*REPAIR WIRING FOR PUSH TO TALK SWITCH  
\*REPAINT SCREWS FOR INSPECTION PANEL ON TAIL

Total To  
Carry Forw

*Joseph J. Hopper Jr.* AOP 334565632

\*MAR 7, 1985 TACH 590.0 PA28RT-201 N83685  
REPLACE SWITCH FOR ELECTRIC TRIM P/N 741-039

*Joseph J. Hopper Jr.* AOP 334565632

\*MAY 17, 1985 TACH 656.9 PA28RT-201 N83685  
ACFT TT 1363.7 ENG TT 1363.7 PROP TT ~~1363.7~~ *Rm*  
\*REPLACE GASKET FOR LEFT FUEL TANK SENDING UNIT.  
\*REPAIR COMPASS MOUNT. \*INSPECT ELT REMOTE SWITCH FOR  
OPERATION. \*REPLACE LININGS FOR LEFT BRAKE. \*REPLACE  
TIRE AND TUBE FOR NOSE WHEEL AND REPACK NOSE WHEEL  
BEARINGS. \*REPLACE VACUUM RELIEF VALVE FILTER.  
\*REROUTE FUEL FLOW GAGE LINE TO PREVENT CHAFING.  
\*REMOVE CORROSION FROM BATTERY BOX. \*SERVICE  
HYDRAULIC RESERVOIR. \*TIGHTEN BOLT FOR NOSE GEAR  
ACTUATOR ROD END. \*CLEAN AND LUBE LEFT BRAKE CALIPER.  
\*REPLACE PLATE P/N 99064-002 FOR OIL FILLER DOOR. \*I  
CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN  
ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS  
DETERMINED TO BE IN AN AIRWORTHY CONDITION.



PLANEMASTER SERVICES, INC.  
515 West Tower Road  
DuPage Airport  
West Chicago, IL 60185

*Joseph J. Hopper Jr.*  
AOP 322480115



\*JULY 29, 1985 TACH 749.2 PA28RT-201 N83685  
 INSTALL NEW EGT PROBE P/N 86258 AND CALIBRATE SYSTEM.  
 \*REPAIR CABIN DOOR STOP. \*REPLACE LATCH P/N 472-017  
 FOR OIL DOOR. \*REPLACE RIGHT MAIN TIRE AND REPACK  
 WHEEL BEARINGS. RESEAL RIGHT BRAKE CYLINDER AND  
 REPLACE LININGS.



PLANEMASTER SERVICES, INC.  
 515 West Tower Road  
 DuPage Airport  
 West Chicago, IL 60185

*[Signature]*  
 ACP 338549082

\*AUG 8, 1985 TACH 759.2 PA28RT-201 N83685  
 ACFT TT 1466.0 ENG TT 1466.0 PROP TT 1466.0 *Rm* \*REPAIR  
 WIRING FOR INSTRUMENT DOME LIGHT. \*REGLOE CABIN DOOR  
 SEAL. \*REGLOE COMPASS MOUNTING PAD. \*REPLACE TIRE FOR  
 LEFT MAIN GEAR. \*REPLACE ROD END P/N 452-336 FOR LEFT  
 FLAP. \*INSTALL NEW FORWARD LEFT CABLE P/N 62701-189  
 FOR ELEVATOR TRIM. \*REGLOE RUBBER BUMPER IN RIGHT  
 GEAR WELL. \*DRILL OUT AND REPLACE CORRODED HARDWARE.  
 \*I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN  
 ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS  
 DETERMINED TO BE IN AN AIRWORTHY CONDITION.



PLANEMASTER SERVICES, INC.  
 515 West Tower Road  
 DuPage Airport  
 West Chicago, IL 60185

*[Signature]*  
 1A 338549082

and Remarks

NOTE: ERROR MADE IN PREVIOUS ENTRIES FOR PROPELLER TOTAL  
 TIME — AT 759 ON TACH — PROP. TT 1064 HOURS

*Rmiller* ACP1761987


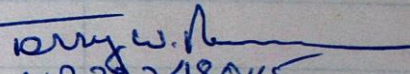
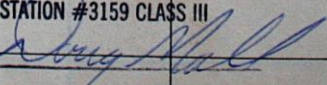
\*DEC 3, 1985 TACH 859.3 PA28RT-201 N83685  
 ACFT TT 1566.1 / ENG TT 1566.1 / PROP TT 1164.1  
 \*REPLACE OIL FILLER DOOR P/N 99096-000 AND DOUBLER  
 PLATE P/N 99094-002. \*TIGHTEN SWITCH FOR ELECTRIC  
 TRIM. \*REPAIR RIGHT CABIN SEAT BACK. \*REPLACE GASKET  
 FOR LEFT FUEL TANK QUANTITY SENDER. \*REPLACE VENT P/N  
 36625-002 FOR LEFT FUEL TANK. \*RETORQUE ALL  
 STABILATOR HINGE ATTACH BOLTS. \*REPLACE OUTBOARD  
 HINGES P/N 63560-002 FOR STABILATOR TRIM. \*INSTALL  
 NEW POSITIVE TERMINAL P/N 66616-000 FOR BATTERY.  
 \*REPLACE SHEARED RIVET ON RIGHT NOSE GEAR DOOR.  
 \*REPLACE LEFT BRAKE LININGS. \*TIGHTEN BOLTS FOR  
 RUDDER PEDAL SUPPORTS. \*TIGHTEN BOLTS FOR LEFT  
 CONTROL WHEEL U-JOINT. \*REPLACE FILTER P/N B3-S-1 FOR  
 VACUUM RELIEF VALVE. \*REPLACE CENTRAL INSTRUMENT  
 FILTER P/N D9-18-1. \*SERVICE BRAKE RESERVOIR WITH  
 MIL-H-5606 FLUID. \*I CERTIFY THAT THIS AIRCRAFT HAS  
 BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL  
 INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY  
 CONDITION.

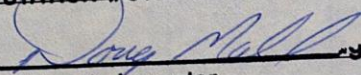
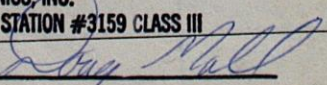
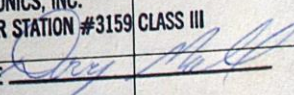


PLANEMASTER SERVICES, INC.  
 515 West Tower Road  
 DuPage Airport  
 West Chicago, IL 60185

*[Signature]*  
 1A 338549082



This Date	*MAR 17, 1986			TACH 937.8	PA28RT-201	N83685
	INSTALL NEW GILL G-35 BATTERY			S/N G0847490.		
	 <b>PLANEMASTER SERVICES, INC.</b> 515 West Tower Road DuPage Airport West Chicago, IL 60185			 ASP 322480115		
<b>ALTIMETER (S)</b>						
PILOT'S	<u>United</u>	C/PILOTS	<u>1/1</u>	ALTIMETER		
S/N	<u>111384</u>	S/N	<u>1/1</u>			
TESTED TO <u>20,000</u> FT.						
AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E"						
PARAGRAPH (b) DATED <u>4/1/86</u>						
JOLIET AVIONICS, INC.						
FAA REPAIR STATION #3159 CLASS III						
SIGNATURE 						

DATE <u>4/1/86</u>	MODEL <u>KT-76A</u>	S/N <u>23778</u>
TRANSPONDER TESTED IN ACCORDANCE WITH PART 43.		
APPENDIX "F" FOR COMPLIANCE WITH FAR 91.172 THIS DATE		
JOLIET AVIONICS, INC.		
FAA REPAIR STATION #3159 CLASS III		
Signature 		
Alternate Inspector		
AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTED AND INSPECTED AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43, APPENDIX "E" PARAGRAPH (c).		
JOLIET AVIONICS, INC.		
FAA REPAIR STATION #3159 CLASS III		
SIGNATURE 		
STATIC SYSTEM TESTED THIS DATE <u>4/1/86</u> AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E" PARAGRAPH (a).		
JOLIET AVIONICS, INC.		
FAA REPAIR STATION #3159 CLASS III		
SIGNATURE 		



\*APR 12, 1986 TACH 959.2 PA28RT-201 N83685  
ACFT TT 1666.0 / ENG TT 1666.0 / PROP TT 1264.0  
\*SECURE LOOSE CARPETING AND BOTH KICK PLATES.  
\*REPLACE SNAP RINGS FOR COWL MOUNT BUSHINGS. \*RESEAL  
LEFT MAIN GEAR ACTUATOR AND REPLACE RIGHT MAIN GEAR  
ACTUATOR WITH NEW P/N 96860-002. \*REPLACE BOLTS FOR  
MAIN GEAR TORQUE LINKS. REPLACE AND SECURE BUSHING  
IN UPPER TRUNION FOR TORQUE LINKS. \*TIGHTEN FITTING  
FOR FUEL LINE FROM LEFT TANK AND CLEAN FUEL STAIN.  
\*REPLACE STATIC WICK P/N 494-659 ON RIGHT AILERON.  
\*REMOVE CORROSION FROM LEFT BRAKE DISC. \*REPLACE  
BEARINGS P/N 452-538 FOR STABILATOR. \*REGLOE CABIN  
DOOR SEAL. \*REPLACE U-JOINT P/N 62834-002 FOR PILOT'S  
CONTROL YOKE SHAFT. \*REPLACE LOCK P/N 87329-007 FOR  
CABIN DOOR. \*REPLACE FILTER P/N B3-5-1 FOR VACUUM  
RELIEF VALVE. \*REPLACE ROD END P/N 452-368 FOR OVER  
CENTER LINKS ON BOTH MAIN GEAR. \*I CERTIFY THAT THIS  
AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN  
ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN  
AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature] W.O. # 61285 DATE 4/12/86  
PLANEMASTER SERVICES INCORPORATED Du Page Airport  
West Chicago, IL 60185 FAA Approved Repair Station CO3-51

To

Forward

\*JUNE 18, 1986 TACH 1032.1 PA28R-201T N83685  
INSTALL NEW LATCH P/N 472-017 FOR OIL DOOR. \*REPAIR  
CABIN DOOR STOP. \*INSTALL NEW LOWER HINGE P/N  
79475-008 FOR CABIN DOOR. \*INSTALL NEW RIGHT MAIN  
TIRE. \*REPLACE ALL BRAKE LININGS. \*INSTALL NEW BRAKE  
DISC P/N 164-02000 FOR RIGHT MAIN GEAR.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature] W.O. # 61387 DATE 6/18/86  
PLANEMASTER SERVICES INCORPORATED Du Page Airport  
West Chicago, IL 60185 FAA Approved Repair Station CO3-51


\*JULY 1, 1986 TACH 1037.9 PA28RT-201 N83685  
INSTALL NEW BULB AND RETAINER FOR RIGHT WINGTIP NAV  
LIGHT.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.




SIGNED [Signature] W.O. # 61563 DATE 7/1/86  
PLANEMASTER SERVICES INCORPORATED Du Page Airport  
West Chicago, IL 60185 FAA Approved Repair Station CO3-51



TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR	OTHER SPECIFIC ENTRY
*AUG 9, 1986	TACH 1041.3	PA28RT-201	N83685	
ENG TT 1748.1	/ ENG TSOH 00.0	/ PROP TT 1346.1		
*INSTALL SERVICEABLE ENGINE, S/N L-22317-51A, OVERHAULED BY VAN DUSEN W/O #36111. REPLACE ALL ENGINE LARD MOUNTS P/N J9613-40. *INSTALL NEW VACUUM PUMP P/N 211CC, S/N 11AA006417. REPLACE ALL FLEXIBLE FLUID LINES WITH NEW LINES. SERVICE WITH 8 QTS 50 WT NON-DETERGENT OIL. *STOP DRILL CRACKS, BEAD BLAST, AND CLEAN ALL BAFFLING. *REPLACE WORN DUCT HOSE AS NECESSARY. *INSTALL NEW VOLTAGE REGULATOR P/N 484-121. *I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.				
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.				
		SIGNED <u><i>R. J. Stull</i></u> W.O. # <u>61584</u> DATE <u>8/9/86</u> PLANEMASTER SERVICES INCORPORATED Du Page Airport West Chicago, IL 60185 FAA Approved Repair Station CO3-51		


Date: 8/30/86 Hours TACH 1067 A/C Type PA-28RT-201 Regist. 83685  
 Performed dynamic propeller balance this date. Balance should be checked when a propeller is overhauled, after an engine is overhauled or cylinder reworked, when significant repairs are made, or when unusual vibrations are detected.

*R. Mieleke A+P1761987*



*AUG 9, 1986	TACH 1041.3	PA28RT-201	N83685
ACFT TT 1748.1	/ ENG TT 1748.1	/ ENG TSOH 00.0	
PROP TT 1346.1	*TIGHTEN FITTINGS	FOR RIGHT MAIN GEAR	
ACTUATOR. *REMOVE CORROSION FROM BELLY, ACID ETCH, PRIME, AND PAINT AFFECTED AREA. *REMOVE LEFT FUEL TANK TO CHECK FOR SOURCE OF FUEL LEAK. TIGHTEN REAR PLUG AND REINSTALL TANK. *REPAIR BRACKET FOR PROP GOVERNOR. *SERVICE NOSE STRUT WITH NITROGEN. *REPLACE FILTER P/N B3-5-1 FOR VACUUM RELIEF VALVE AND CENTRAL INSTRUMENT AIR FILTER P/N D9-18-1. *I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.			
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.			
		SIGNED <u><i>R. J. Stull</i></u> W.O. # <u>61584</u> DATE <u>8/9/86</u> PLANEMASTER SERVICES INCORPORATED Du Page Airport West Chicago, IL 60185 FAA Approved Repair Station CO3-51	

\*SEPT 18, 1986 TACH 1096.0 PA28RT-201 N83685  
 REPLACE HINGE FOR OIL FILLER DOOR AND REPAIR LATCH.  
 \*REPAIR CABIN DOOR STOP.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.

		SIGNED <u><i>R. J. Stull</i></u> W.O. # <u>61854</u> DATE <u>9/18/86</u> PLANEMASTER SERVICES INCORPORATED Du Page Airport West Chicago, IL 60185 FAA Approved Repair Station CO3-51	
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TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
*NOV 14, 1986	TACH 1140.3	PA28RT-201	N83685
ENG TT 1847.1 / TSOH 99.0 / PROP TSOH 1445.1 /			
COMPRESSIONS: 1-72/80, 2-78/80, 3-75/80, 4-76/80.			
*CHANGE OIL AND FILTER, SERVICE WITH CH48110 FILTER			
AND 8 QTS AEROSHELL 15W50 MULTI-GRADE. *REPLACE SEAL			
FOR OIL FILLER NECK. *RESET MAG TIMING. *REPLACE			
RIGHT GROMMET P/N 69790-000 FOR TOP COWL GUIDE PIN.			
*INSTALL NEW ALTERNATOR BELT P/N 452-541. *INSTALL			
WINTERIZATION PLATE. *REPLACE MISSING HARDWARE FOR			
BAFFLING. *REPAIR SPINNER CUFF. *REPLACE ALTERNATE			
AIR CONTROL CABLE. *INSTALL SERVICEABLE ALTERNATOR			
OVERHAULED BY RLB ACCESSORY SERVICE W/O #861066 (SEE			
SERVICEABLE TAG). *I CERTIFY THAT THIS ENGINE HAS			
BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR			
INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY			
CONDITION.			
<p>The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.</p>			
<p>  SIGNED <u>Ruf Stul</u> W.O. # <u>62062</u> DATE <u>11/14/86</u>  PLANEMASTER SERVICES INCORPORATED Du Page Airport  West Chicago, IL 60185 FAA Approved Repair Station CO3-51 </p>			
*JAN 5, 1987	TACH 1203.9	PA28RT-201	N83685
50 HOUR INSPECTION OF ENGINE AND PROP. CHANGE OIL,			
SERVICE WITH 8 QTS AEROSHELL 15W50 MULTI-GRADE.			
*REROUTE AND INSTALL SPIRAL-WRAP ON IGNITION LEADS			
CHAFING AGAINST BAFFLING. *REPAIR REAR BAFFLE SEALS.			
<p>The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.</p>			
<p>  SIGNED <u>Ruf Stul</u> W.O. # <u>20006</u> DATE <u>1/5/87</u>  PLANEMASTER SERVICES INCORPORATED Du Page Airport  West Chicago, IL 60185 FAA Approved Repair Station CO3-51 </p>			



and Remarks

\*NOV 14, 1986 TACH 1140.3 PA28RT-201 N83685  
ACFT TT 1847.1 / ENG TT 1847.1 / ENG TSOH 99.0  
PROP TT 1445.1 / \*REPLACE BULB FOR ALTERNATOR  
ANNUNCIATOR. \*INSTALL SERVICEABLE STROBE POWER SUPPLY  
P/N A413, S/N 14913. \*INSTALL NEW ELT BATTERY P/N  
BP1010 AND REPAIR MOUNTING BRACKET. BATTERY NEXT  
DUE 11/88. \*CLEAN AND LUBE CONTROL COLUMNS. \*REPAIR  
SPROCKET FOR LEFT CONTROL WHEEL AILERON CHAIN.  
\*REPLACE FILTER P/N B3-5-1 FOR VACUUM RELIEF VALVE.  
\*REPACK NOSE WHEEL BEARINGS. \*REPLACE ALL BRAKE  
LININGS. \*I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION  
AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED *Rich Stiel*  
PLANEMASTER SERVICES INCORPORATED  
West Chicago, IL 60185

W.O. # 62062

DATE 11/14/86

Du Page Airport

FAA Approved Repair Station CO3-51

\*DEC 30, 1986 TACH 1201.8 PA28RT-201 N83685  
REPLACE LATCH P/N 472-017 FOR OIL ACCESS DOOR ON TOP  
COWL.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED *Rich Stiel*  
PLANEMASTER SERVICES INCORPORATED  
West Chicago, IL 60185

W.O. # 62184

DATE 12/30/86

Du Page Airport

FAA Approved Repair Station CO3-51



TIME	FLIGHT	SERVICE	MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC
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\*FEB 27, 1987 TACH 1239.8 PA28RT-201 N83685  
 \*DRAINED OIL, REMOVED AND INSPECTED OIL FILTER.  
 SERVICED WITH CH48110 FILTER AND 8 QTS. AEROSHELL  
 15W50 \*INSTALLED 1 NEW FASTENER FOR AIR CLEANER COVER.  
 \*INSTALLED NEW ROCKER BOX SCREW FOR CYL. #2.  
 \*REPLACED LEFT COWL BUSHING. \*INSTALLED RUBBER SEAL  
 ON THROTTLE CABLE SLEEVE. \*REPLACED STARTER RING GEAR  
 P/N 72566 \*RETIMED MAGNETOS. \*PROP INSTALLED AFTER  
 OVERHAUL BY AIRCRAFT PROPELLER SERVICE W.O. 17715 (SEE PROPELLER LOG). \*INSTALLED NEW AIR FILTER. A.D.  
 84-26-02 NEXT DUE AT 1739.8 \*I CERTIFY THAT THIS  
 ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100  
 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN  
 AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature] W.O. # 70145 DATE 2/22/87  
 PLANEMASTER SERVICES INCORPORATED Du Page Airport  
 West Chicago, IL 60185 FAA Approved Repair Station CO3-51

\*APRIL 8, 1987 TACH 1280.0 PA28R-201 N83685  
 \*INSTALLED FUEL PUMP AFTER OVERHAUL BY RLB, W.O. 87379.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature] W.O. # 20308 DATE 4/8/87  
 PLANEMASTER SERVICES INCORPORATED Du Page Airport  
 West Chicago, IL 60135 FAA Approved Repair Station CO3-51



Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
*FEB 27, 1987	TACH 1239.8	PA28RT-201	N83685	
*C/W A.D. 86-17-01 BY INSTALLATION OF AMMETER KIT P/N 765-186 AS PER S.B. 811A. *REPLACED RT. NAV. LIGHT BULB P/N A7512-12 *INSTALLED NEW CONTROL QUADRANT COVER P/N 67232-141 *TIGHTENED PILOT YOKE SWITCH MOUNTING SCREWS. *INSTALLED NEW HINGE FOR OIL FILLER DOOR ON COWLING. *RESEALED RT. MAIN GEAR ACTUATOR. *REPLACED BRAKE DISC P/N 164-02000. *INSTALLED NEW STATIC WICK ON RT. STABILATOR. *INSTALLED CIRCUIT BREAKER LABELED "FUEL FLOW". *REMOVED, CLEANED, INSPECTED AND REINSTALLED MAIN GEAR TORQUE LINK BOLTS. *REPLACED VACUUM REG. FILTER. *REPLACED RELEASE KNOB FOR RIGHT SEAT BACK. *C/W A.D. 84-26-02 BY INSTALLATION OF NEW INDUCTION AIR FILTER. NEXT DUE AT 1739.8 *INSTALLED PLACARDS P/N 36937-002, 69669-118, 69545-000 67471-00, 69669-173 *REPLACED LOWER HALF OF DOOR SNUBBER SEAL. *RETRIEVED HARDWARE IN LINER. REINSTALLED HARDWARE AND CURTAINS TO PROPER LOCATIONS. *REPLACED MAIN TIRE WITH BFG 6.00X6 6PLY. REPACKED WHEEL BEARINGS. *REPLACED LININGS ON LT. BRAKE P/N 66-30. INSTALLED BRAKE SHIM AND LUBRICATED. *INSTALLED NEW BULB FOR TAIL NAV. LIGHT. *REGLUED RUBBER PAD ON CO-PILOT'S LEFT RUDDER				
Total To	<i>continue →</i>			

PEDAL. \*I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
 INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION  
 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current  
 regulations of the Federal Aviation Administration and is approved for return to service for the work  
 performed. Pertinent details of the repair are on file at this repair station.



SIGNED *[Signature]*  
 PLANEMASTER SERVICES INCORPORATED  
 West Chicago, IL 60185

W.O. # 70145 DATE 2/27/87  
 Du Page Airport  
 FAA Approved Repair Station CO3-51

\*APRIL 8, 1987 TACH 1280.0 PA28R-201 N83685  
 \*REPLACED LANDING LIGHT, P/N GE4509. \*CLEANED AND  
 LUBED CONTROL WHEEL SHAFTS.

ACFT 1987.8

The aircraft/component identified above was repaired and/or inspected in accordance with current  
 regulations of the Federal Aviation Administration and is approved for return to service for the work  
 performed. Pertinent details of the repair are on file at this repair station.



SIGNED *[Signature]*  
 PLANEMASTER SERVICES INCORPORATED  
 West Chicago, IL 60185

W.O. # 70309 DATE 4/8/87  
 Du Page Airport  
 FAA Approved Repair Station CO3-51



\*MAY 22, 1987 TACH 1353.4 PA28RT-201 N83685  
ACFT TT 1747.6 / ENG TSOH 312.1 / PROP TSOH 113.6  
\*REPLACED LT. NAV LIGHT LENS. \*REPLACED LOWER TAIL  
NAV LIGHT. \*REPLACED VACUUM RELIEF FILTER. \*REPLACED  
RT BRAKE PADS. \*CLEANED CORROSION OFF NEGATIVE  
BATTERY CABLE TO BOX CONNECTION. \*I CERTIFY THAT  
THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH  
AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN  
AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED *R. L. Stet* W.O. # 70438 DATE 5/22/87  
PLANEMASTER SERVICES INCORPORATED Du Page Airport  
West Chicago, IL 60185 FAA Approved Repair Station CO3-51

\*AUGUST 6, 1987 TACH 1453.7 PA28RT-201 N83685  
ACFT TT 1847.9 / ENG TSOH 412.4 / PROP TSOH 213.9  
\*REGLED COMPASS MOUNT FOAM. \*RESECURED ELT WITH  
TY-WRAPS. \*REPAIRED APU DOOR SPRING. \*REMOVED THICK  
WASHER FOR NOSE GEAR ACTUATOR ROD END BOLT. \*REPLACED  
RT. MAIN TIRE, 6.00 X 6 6PR. \*REPACKED NOSE WHEEL  
BEARINGS. \*HONED & RESEALED BOTH BRAKE CALIPERS AND  
REPLACED ALL BRAKE LININGS. \*INSTALLED PIPER SERVICE  
KIT P/N 765-303 TO COMPLY WITH PIPER S.B. 866,  
BACKUP LANDING GEAR EXTENDER REMOVAL. \*INSTALLED NEW  
5 AMP PITCH TRIM CIRCUIT BREAKER. \*I CERTIFY THAT

To  
Carry Forward

THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH  
AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN  
AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED *Long* W.O. # 70673 DATE 8/6/87  
PLANEMASTER SERVICES INCORPORATED Du Page Airport  
West Chicago, IL 60185 FAA Approved Repair Station CO3-51






\*AUGUST 27, 1987 TACH 1485.0 PA28RT-201 N83685  
\*REPLACED BATTERY IN CLOCK. \*DRY LUBRICATED BOTH  
YOKES. \*FREED UP DEFROST CONTROL AND LUBRICATED.  
\*SEALED CABIN DOOR WINDOW WITH SILICONE RTV SEALANT.  
\*CLEANED MIC SWITCH ON PILOT'S YOKE. \*INFLATED MAIN  
TIRES TO 30 PSI AND NOSE TIRE TO 28 PSI. \*RERIVETED  
OIL DOOR TO HINGE.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.




SIGNED *R. L. Stet* W.O. # 70756 DATE 8/27/87  
PLANEMASTER SERVICES INCORPORATED Du Page Airport  
West Chicago, IL 60185 FAA Approved Repair Station CO3-51




Date	This Date	Total	Remarks	Signature	Certificate
*OCT 14, 1987	TACH 1549.3	PA28RT-201	N83685		
*REMOVED, RESEALED AND REINSTALLED EMERGENCY GEAR EXTENSION VALVE. PERFORMED RETRACTION TESTS					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
		SIGNED <u>R. L. Stet</u> W.O. # <u>70923</u> DATE <u>10/14/87</u> PLANEMASTER SERVICES INCORPORATED Du Page Airport West Chicago, IL 60185 FAA Approved Repair Station CO3-51			
*OCT 9, 1987	TACH 1502.5	PA28RT-201	N83685		
*INSTALLED NEW LANDING LIGHT BULB. *REPLACED AMMETER.					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
		SIGNED <u>R. L. Stet</u> W.O. # <u>70895</u> DATE <u>10/9/87</u> PLANEMASTER SERVICES INCORPORATED Du Page Airport West Chicago, IL 60185 FAA Approved Repair Station CO3-51			
*OCT 27, 1987	TACH 1561.2	PA28RT-201	N83685		
*TIGHTENED PULLEY & MOUNT BOLTS ON ELECTRIC TRIM SERVO. *INSTALLED SCREW AND TIGHTENED SCREWS IN FUEL FLOW INDICATOR MOUNTING. *REPLACED VACUUM RELIEF FILTER, P/N B3-5-1. *INSTALLED NEW FLOOD LIGHT RHEOSTAT. *REPLACED NOSE TIRE AND TUBE. *I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.					
and Remarks					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
		SIGNED <u>R. L. Stet</u> W.O. # <u>70960</u> DATE <u>10/27/87</u> PLANEMASTER SERVICES INCORPORATED Du Page Airport West Chicago, IL 60185 FAA Approved Repair Station CO3-51			
*DEC 2, 1987	TACH 1577.4	PA28RT-201	N83685		
*REPLACED LOWER RUDDER FAIRING AND PAINTED.					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
		SIGNED <u>R. L. Stet</u> W.O. # <u>71082</u> DATE <u>12/2/87</u> PLANEMASTER SERVICES INCORPORATED Du Page Airport West Chicago, IL 60185 FAA Approved Repair Station CO3-51			
*JAN 28, 1988	TACH 1614.9	PA28RT-201	N83685		
*TIGHTENED ALTERNATOR BELT. ADDED LENGTH TO ALTERNATOR FIELD WIRE AND INSTALLED NEW TERMINAL ON ALTERNATOR END. REMOVED. SERVICED & REINSTALLED A/C BATTERY. *REPLACED LOWER TAIL NAV LAMP, P/N A508-14. *REPLACED INSTRUMENT FLOOD LAMP, P/N GE1414.					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
		SIGNED <u>R. L. Stet</u> W.O. # <u>80074</u> DATE <u>1/28/88</u> PLANEMASTER SERVICES INCORPORATED Du Page Airport West Chicago, IL 60185 FAA Approved Repair Station CO3-51			





Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
*MARCH 16, 1988	TACH 1654.8	PA28R-201T	N83685	
*REWOUND CABLES ON STABILIZER TRIM DRUM IN COCKPIT, SET CABLE TENSION TO 15 LBS.				
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.				
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>80218</u> DATE <u>3/16/88</u> Du Page Airport FAA Approved Repair Station CO3-51		



and Remarks		Signature	Certificate No.																																																												
The Transponder test and inspection per FAR 91.172 and FAR 43 appendix "F" performed. Model <u>KT-76A</u> S.N. <u>23778</u> Date <u>4-12-88</u> <hr/> The altimeter and static system tests per FAR 91.171 and FAR 43 appendix "E" performed. P.Alt. <u>S934PD-1</u> S.N. <u>V1384</u> Date <u>4-12-88</u> C/P <u>1</u> S.N. <u>1</u> Date <u>4-12-88</u> Integrated system test performed. <u>4-12-88</u> Static system test Date <u>4-12-88</u> <hr/> Signed <u>[Signature]</u> W.O. <u>1696</u> <b>PLANEMASTER SERVICES INC.</b> West Chicago, IL CRS CO3-51		<b>PLANEMASTER SERVICES INC.</b> Altimeter Scale Correction Chart <table border="1"> <thead> <tr> <th>Alt.</th> <th>Error</th> <th>Alt.</th> <th>Error</th> </tr> </thead> <tbody> <tr><td>-1000</td><td>0</td><td>12000</td><td>+15</td></tr> <tr><td>0</td><td>0</td><td>14000</td><td>+5</td></tr> <tr><td>500</td><td>0</td><td>16000</td><td>0</td></tr> <tr><td>1000</td><td>-5</td><td>18000</td><td>0</td></tr> <tr><td>1500</td><td>0</td><td>20000</td><td>-15</td></tr> <tr><td>2000</td><td>+5</td><td>22000</td><td>—</td></tr> <tr><td>2500</td><td>+5</td><td>25000</td><td>—</td></tr> <tr><td>3000</td><td>+5</td><td>30000</td><td>—</td></tr> <tr><td>4000</td><td>+10</td><td>35000</td><td>—</td></tr> <tr><td>6000</td><td>+5</td><td>40000</td><td>—</td></tr> <tr><td>8000</td><td>+5</td><td>45000</td><td>—</td></tr> <tr><td>10000</td><td>+10</td><td>50000</td><td>—</td></tr> <tr><td>Hy. 50%</td><td>+50</td><td>Hy. 40%</td><td>+30</td></tr> <tr><td colspan="4">After Effect: <u>+20</u></td></tr> </tbody> </table>		Alt.	Error	Alt.	Error	-1000	0	12000	+15	0	0	14000	+5	500	0	16000	0	1000	-5	18000	0	1500	0	20000	-15	2000	+5	22000	—	2500	+5	25000	—	3000	+5	30000	—	4000	+10	35000	—	6000	+5	40000	—	8000	+5	45000	—	10000	+10	50000	—	Hy. 50%	+50	Hy. 40%	+30	After Effect: <u>+20</u>			
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The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.																																																															
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>80461</u> DATE <u>6/8/88</u> Du Page Airport FAA Approved Repair Station CO3-51																																																													






Date	This Date	Total	Reading	Maintenan
*JUNE 24, 1988	TACH 1795.0	PA28RT-201	N83685	
ACFT TT 2502.0 / ENG TSOH 754.0 / PROP TSOH 556.0				
*COMPLETED ANNUAL INSPECTION. *INSTALLED NEW ELT ANTENNA. *CLEANED AND PAINTED BATTERY BOX, RE-INSTALLED BATTERY. *REPLACED LOWER DOOR SEAL SECTION FOR BAGGAGE DOOR. *REPLACED TAIL FAIRING AND PAINTED. *INSTALLED NEW VACUUM RELIEF FILTER. *INSTALLED NEW CENTRAL AIR FILTER. *REPLACED BOLTS AND BEARING ON MAIN LANDING GEAR TORQUE LINKS. *RESECURED BACK SEAT RELEASE KNOB. *REPLACED BRAKE LININGS ON BOTH MAINS. *I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.				
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.				
 SIGNED <u>R. E. T. W.</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>80509</u> DATE <u>6/24/88</u> Du Page Airport FAA Approved Repair Station CO3-51		



and Remarks	Signature	Certificate No.
*MARCH 25, 1988	TACH 1663.0	PA28RT-201 N83685
ACFT TT 2057.2 / ENG TSOH 621.7 / PROP TSOH 423.2		
*COMPLETED ANNUAL INSPECTION. *REPAIRED FORWARD TRIM DRUM. *TIGHTENED RIGHT FLAP ROD JAM NUT. *REPLACED LEFT MAIN TIRE. *REPLACED RIGHT BRAKE PADS. *I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.		
 SIGNED <u>R. E. T. W.</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>80237</u> DATE <u>3/25/88</u> Du Page Airport FAA Approved Repair Station CO3-51
*SEPT. 6, 1988	TACH 1909.7	PA28RT-201 N83685
ACFT TT 2616.7 / ENG TSOH 868.7 / PROP TSOH 670.7		
*COMPLETED ANNUAL INSPECTION. *GLUED RUBBER PADS TO RUDDER PEDALS. *INSTALLED NEW GROUND TERMINAL FOR BATTERY BOX. *INSTALLED 4 NEW BUSHINGS FOR NOSE GEAR TRUNNION. *INSTALLED NEW SHIMMY DAMPENER PIVOT POINT BUSHING. *I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.		
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>80784</u> DATE <u>9/6/88</u> Du Page Airport FAA Approved Repair Station CO3-51



Date	This Date	Total	Reading	Maintenance
*SEPT. 14, 1988	TACH 1925.9	PA28RT-201	N83685	
*TROUBLESHOT LANDING GEAR SYSTEM, FOUND DEFECTIVE RIGHT MAIN DOWN SWITCH. INSTALLED AND ADJUSTED NEW RIGHT GEAR DOWN LIMIT, RETRACTION TEST GOOD.				
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.				
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>80831</u> DATE <u>9/24/88</u> Du Page Airport FAA Approved Repair Station CO3-51		
*NOV. 8, 1988	TACH 2015.6	PA28RT201	N83685	
ACFT TT 2722.6 / ENG TSOH 974.6 / PROP TSOH 776.6 *COMPLETED ANNUAL INSPECTION. *REPLACED BOTH AFT NAVIGATION LIGHT BULBS. *REPLACED ELT BATTERY. NEXT DUE : NOV. 1990. *REGLUED VENT WINDOW LATCH. *CLEANED AND PAINTED BATTERY BOX. *I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.				
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.				
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>81046</u> DATE <u>11/6/88</u> Du Page Airport FAA Approved Repair Station CO3-51		


*NOV. 17, 1988	PA28RT-201	N83685	
*REPLACED LANDING LIGHT.			
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.			
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>81077</u> DATE <u>11/17/88</u> Du Page Airport FAA Approved Repair Station CO3-51	
*DEC. 1, 1988	TACH 2051.71	PA28RT-201	N83685
*INSTALLED HEAT PROBES IN PITOT TUBE. *REPAIRED LEFT NAVIGATION LIGHT.			
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.			
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>81117</u> DATE <u>12/1/88</u> Du Page Airport FAA Approved Repair Station CO3-51	
*DEC. 16, 1988	TACH 2077.7	PA28RT-201	N83685
*SERVICED ALL TIRES.			
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.			
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>81169</u> DATE <u>12/16/88</u> Du Page Airport FAA Approved Repair Station CO3-51	



Date	This Date	Total	Reading	Maintenance
*JAN. 20, 1989	TACH 2115.8	PA28RT-201	N83685	
ACFT TT 2822.8 / ENG TSOH 1074.8 / PROP TSOH 876.8				
*COMPLETED ANNUAL INSPECTION. *INSTALLED NEW RIGHT MAIN TIRE. *INSTALLED NEW BRAKE LININGS FOR LEFT MAIN WHEELS. *REPLACED RIGHT AFT AILERON ROD END. *INSTALLED NEW ELEVATOR TRIM CABLE. ADJUSTED TENSION TO 14 LBS. *I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.				
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.				
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES INCORPORATED West Chicago, IL 60185		W.O. # <u>90066</u> DATE <u>1/20/89</u> Du Page Airport FAA Approved Repair Station CO3-51		
*FEB. 10, 1989		PA28RT-201	N83685	
*INSTALLED NEW LANDING LIGHT.				
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.				
 SIGNED <u>[Signature]</u> PLANEMASTER SERVICES West Chicago, IL 60185		W.O. # <u>90027</u> DATE <u>2/10/89</u> Du Page Airport FAA Approved Repair Station DPUR243K		

2-8-89 Tach Time: N83685

Recovered pilot's and co-pilot's seats with lucern velvet, sandalwood. Materials exceed F.A.R. 23.853 Appendix "F" Tests for Flame Resistance. Details on our Work Order #108231.


  
 Timothy Armesy for J.A. Air Center  
 Repair Station #3159

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\*FEB. 9, 1989 PIPER ARROW N83685

\*INSTALLED REPAIRED SEATS FROM JOLIET AVIONICS, WO# 108231.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.


 SIGNED [Signature] W.O. # 90113 DATE 2/9/89  
 PLANEMASTER SERVICES Du Page Airport  
 West Chicago, IL 60185 FAA Approved Repair Station DPUR243K



This Date      Total

**\*FEB. 28, 1989**      **PA28RT-201**      **N83685**  
**\*TROUBLESHOT AND REPAIRED WIRING FOR ELET. TRIM.**  
**\*LANDING LIGHT CHECKED GOOD.**

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 90177      DATE 2/28/89  
Du Page Airport  
FAA Approved Repair Station      DPUR243K

**\*MAR. 8, 1989**      **TACH 2154.3**      **PA28RT-201**      **N83685**  
**\*SECURED MAGNETIC COMPASS IN MOUNT. \*SWUNG COMPASS**  
**AND INSTALLED NEW CORRECTION CARD.**

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 90198      DATE 3/8/89  
Du Page Airport  
FAA Approved Repair Station      DPUR243K

**\*MAR. 27, 1989**      **TACH 2173.53**      **PA28RT-201**      **N83685**  
**\*FABRICATED NEW FILLER PANEL FOR SPINNER AND REPLACED**  
**MISSING HARDWARE.**

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 90261      DATE 3/27/89  
Du Page Airport  
FAA Approved Repair Station      DPUR243K

**\*APR. 18, 1989**      **PIPER PA28RT-201**      **N83685**  
**\*INSTALLED OVERHAULED ELECTRIC FUEL PUMP, SN 45546,**  
**RLB WO# 89288. OPS CHECKED GOOD.**

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 90329      DATE 4/18/89  
Du Page Airport  
FAA Approved Repair Station      DPUR243K

**\*MAY 10, 1989**      **TACH 2217.1**      **PA28RT-201**      **N83685**  
**ACFT TT 2924.1 / ENG TSOH 1176.1 / PROP TSOH 978.1**  
**\*COMPLETED ANNUAL INSPECTION \*INSTALLED NEW COMPASS**  
**BRACKET \*INSTALLED NEW STATIC WICK ON RIGHT AILERON**  
**\*INSTALLED NEW LEFT MAIN TIRE. \*GLUED RUDDER PEDAL**  
**PADS TO RUDDER PEDALS \*TIGHTENED SCREWS AT CABIN DOOR**  
**THRESHOLD \*REMOVED WATER AND DEBRIS FROM TAILCONE**  
**\*REPAIRED WIRING TO UPPER TAIL NAV LIGHT. CLEANED**  
**CORROSION FROM LOWER NAV LIGHT SOCKET. INSTALLED NEW**  
**BULB. \*I CERTIFY THAT THIS AIRCRAFT HAS BEEN**  
**INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION**  
**AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**


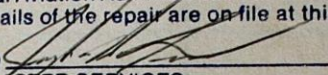

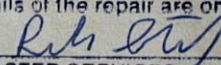


The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.


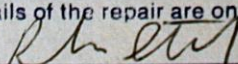


SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185




W.O. # 90411      DATE 5/10/89  
Du Page Airport  
FAA Approved Repair Station      DPUR243K



Date	This Date	Total			
*MAY 15, 1989	TACH 2229.67	ARROW	N83685		
*PAINTED AND INSTALLED NEW OIL ACCESS DOOR WITH LATCH.					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
	SIGNED 	W.O. # 90434	DATE 5/12/89		
PLANEMASTER SERVICES West Chicago, IL 60185		Du Page Airport FAA Approved Repair Station DPUR243K			
*MAY 16, 1989	TACH 2220.0	ARROW	N83685		
*SERVICED AND INSTALLED NEW G-35 BATTERY.					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
	SIGNED 	W.O. # 90443	DATE 5/16/89		
PLANEMASTER SERVICES West Chicago, IL 60185		Du Page Airport FAA Approved Repair Station DPUR243K			
*JUNE 21, 1989	TACH 2293.8	PA28RT-201	N83685		
*INSTALLED NEW PROP SPINNER AFTER TREATING AND PAINTING. *REMOVED 2 PINS FROM SEAT RAILS AND LUBED ROLLERS. *ELT SWITCH FOUND DEFECTIVE. DISCONNECTED SWITCH FOR AUTOMATIC OPERATION.					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
	SIGNED 	W.O. # 90578	DATE 6/21/89		
PLANEMASTER SERVICES West Chicago, IL 60185		Du Page Airport FAA Approved Repair Station DPUR243K			

*JULY 14, 1989	TACH 2324.0	PA28RT-201	N83685		
ACFT TT 3031.0 / ENG SMOH 1283.0 / PROP SMOH 1085.0					
*COMPLETED ANNUAL INSPECTION. *APPLIED RTV TO RIGHT STROBE LENS. *TIGHTENED SCREWS ATTACHING TRIM SWITCH TO YOKE. *INSTALLED ADDITIONAL RIVETS IN RIGHT WHEEL WELL CABLE GUARD CHANNEL. *INSTALLED NEW LEFT FUEL VENT AND CHECKED FOR LEAKS. *REMOVED CORROSION FROM BELLY OF AIRCRAFT. TREATED AND PAINTED REPAIR AREA. *INSTALLED NEW VACUUM RELIEF FILTER. *INSTALLED NEW FUEL DRAIN FOR LEFT FUEL TANK. *REPLACED BRAKE PADS. *REPLACED NOSE TIRE AND INNER TUBE. *TIGHTENED SHIMMY DAMPER ATTACH. *HONED LEFT BRAKE HOUSING AND INSTALLED NEW O-RING. *C/W AD 84-26-02 BY REPLACEMENT OF AIR FILTER. NEXT DUE: 2824.0. *I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.					
The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.					
	SIGNED 	W.O. # 90650	DATE 7/14/89		
PLANEMASTER SERVICES West Chicago, IL 60185		Du Page Airport FAA Approved Repair Station DPUR243K			



Date	This Date	Total	Reading
*AUG 22, 1989	TACH 2368.45	PA28RT-201	N83685 *INSTALLED NEW TAIL NAVLIGHT BULB.
<p>The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.</p>			
 <p>SIGNED <u>[Signature]</u>  <b>PLANEMASTER SERVICES</b>          West Chicago, IL 60185</p>		<p>W.O. # <u>90779</u> DATE <u>8/22/89</u>          Du Page Airport          FAA Approved Repair Station DPUR243K</p>	
*SEPT 1, 1989	TACH 2387.5	PA28RT-201	N83685 *PERFORMED 50 HOUR INSPECTION. *SERVICED TIRES TO PROPER PRESSURES.
<p>The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.</p>			
 <p>SIGNED <u>[Signature]</u>  <b>PLANEMASTER SERVICES</b>          West Chicago, IL 60185</p>		<p>W.O. # <u>90811</u> DATE <u>9/1/89</u>          Du Page Airport          FAA Approved Repair Station DPUR243K</p>	
*SEPT 21, 1989	TACH 2412.0	PA28RT-201	N83685 *INSTALLED NEW HINGE ON COWL OIL DOOR. *INSTALLED NEW VACUUM PUMP, PN 211CC. *CHECKED CHARGING SYSTEM. COULD NOT DUPLICATE ALTERNATOR INOP PROBLEM.
<p>The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.</p>			
 <p>SIGNED <u>[Signature]</u>  <b>PLANEMASTER SERVICES</b>          West Chicago, IL 60185</p>		<p>W.O. # <u>90865</u> DATE <u>9/21/89</u>          Du Page Airport          FAA Approved Repair Station DPUR243K</p>	



#OCT 3, 1989 TACH 2426.5 PA28RT-201 N83685 ENG SMOH 1385.5 / PROP SMOH 1187.5 /  
DIFF COMPRESSION 1- 77/80, 2- 79/80, 3- 78/80, 4- 77/80. \$100 HOUR INSPECTION. CHANGED OIL  
AND FILTER. SERVICED WITH 8 QTS AEROSHELL 15W50 OIL. CLEANED SUCTION SCREEN. \$INSTALLED 1  
NEW COWL BUSHING. \$RESEALED OIL FILLER NECK. \$PAINTED AND INSTALLED NEW SPINNER. \$INSTALLED  
NEW OIL DOOR LATCH. \$REPAIRED HEAT MUFF INLET BOOT. \$INSTALLED OVERHAULED ALTERNATOR, RLB W0#  
89621. \$REPLACED #3 ROCKER COVER GASKET. \$REPAIRED MUFFLER FOR #1 AND #2 CYLINDER. \$RESEALED  
#2 INTAKE PIPE. \$CLEANED AIR FILTER. \$APPLIED RTV TO CHAFE AREA OF DEFROSTER HOSE. \$REPAIRED  
UPPER BAFFLE. \$LUBRICATED PROP CONTROL. \$I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN  
ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current  
regulations of the Federal Aviation Administration and is approved for return to service for the work  
performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 90914 DATE 10/3/89  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#NOV 13, 1989 TACH 2476.63 PA28RT-201 N83685 \$PERFORMED 50 HOUR INSPECTION. CHANGED  
OIL. SERVICED WITH 8 QTS 15W50 OIL.

The aircraft/component identified above was repaired and/or inspected in accordance with current  
regulations of the Federal Aviation Administration and is approved for return to service for the work  
performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 91068 DATE 11/13/89  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#OCT 3, 1989 TACH 2426.5 PA28RT-201 N83685 ACFT TT 3133.5 / ENG SMOH 1385.5 /  
PROP SMOH 1187.5 \$COMPLETED ANNUAL INSPECTION. \$TIGHTENED UPPER LEFT ROD END BOLT ON FLAP.  
\$TREATED CORROSION IN AFT SPAR ATTACHMENT AND REPAINTED. \$TIGHTENED FITTINGS FOR FUEL TANKS.  
\$I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND  
WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current  
regulations of the Federal Aviation Administration and is approved for return to service for the work  
performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 90914 DATE 10/3/89  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#OCT 27, 1989 TACH 2457.8 PA28RT-201 N83685 \$REPLACED COMPASS. \$REPAIRED DOOR ST

The aircraft/component identified above was repaired and/or inspected in accordance with current  
regulations of the Federal Aviation Administration and is approved for return to service for the work  
performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 91008 DATE 10/27/89  
Du Page Airport  
FAA Approved Repair Station DPUR243K



# AIRCRAFT LOG

\*NOV 13, 1989 TACH 2476.63 PA28RT-201 N83685 \*INSTALLED NEW LANDING LIGHT BULB.  
\*SERVICED LEFT MAIN STRUT WITH NITROGEN. \*LUBED FRONT SEAT ROLLERS.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED *[Signature]*  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 91068 DATE 11/13/89

Du Page Airport  
FAA Approved Repair Station DPUR243K

\*02/02/90 HOUR METER 2525.7 N83685 PA28-200 Arrow \*AIRFRAME: ENG SMOH 1484.7 PROP  
SMOH 1287.0 T.T. 3232.7 \*COMPLETED ANNUAL INSPECTION. \*INSTALLED NEW BRAKE DISCS AND  
LININGS. \*INSTALLED NEW HOSES FOR LANDING. \*REPLACED FRONT BOLT AND BUSHING IN NOSE GEAR  
ACTUATOR. \*RESEALED LEFT GEAR ACTUATOR. \*INSTALLED NEW NOSE GEAR DOWN LOCK ACTUATOR.  
\*REPLACED REAR NAV LIGHT BULB. \*REPLACED ALTERNATE AIR STUD AND CLAMP ON AIR BOX ARM.  
\*INSTALLED NEW FIRE EXTINGUISHER AND BRACKET. \*I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY  
CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED *[Signature]*  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900070 DATE 2/2/90

Du Page Airport  
FAA Approved Repair Station DPUR243K

otal T  
arry Forward



#03/02/90 HOUR METER 2551.0 N83685 PA28R-201T Turbo Arr #C/W AD 90-04-06 BY INSTALLATION  
OF NEW GOV. OIL LINE AND FITTINGS, #CHECKED GOVERNOR NUMBERS.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900175 DATE 3/2/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#03/05/90 HOUR METER 2555.3 N83685 PA28R-201T Turbo Arr #INSTALLED OVERHAULED PROP  
GOVERNOR, AIRCRAFT PROPELLER SERVICE WO# 18107, MODEL F-2-7A, SN E120W.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900197 DATE 3/6/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#03/27/90 HOUR METER 2572.5 N83685 PA28R-201T Turbo Arr #CHANGED OIL. SERVICED WITH 8 QTS  
15W50 OIL.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900269 DATE 3/27/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K



#03/02/90 HOUR METER 2551.0 N83685 PA28R-201T ~~Turbo Air~~ \*REPAIRED ELECTRIC TRIM WIRING.  
 \*REPAIRED DOOR STOP. \*RESECURED VENT WINDOW LATCH. \*REINSTALLED RIGHT CURTAIN ROD AND  
 CURTAINS.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
 PLANEMASTER SERVICES  
 West Chicago, IL 60185

W.O. # 900175 DATE 3/2/90  
 Du Page Airport  
 FAA Approved Repair Station DPUR243K

#03/27/90 HOUR METER 2572.5 N83685 PA28R-201T ~~Turbo Air~~ \*REPLACED CENTRAL AND RELIEF  
 VACUUM FILTERS. NEXT DUE: 3072.5

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
 PLANEMASTER SERVICES  
 West Chicago, IL 60185

W.O. # 900269 DATE 3/27/90  
 Du Page Airport  
 FAA Approved Repair Station DPUR243K

Date	This Date	Total	Recorder Reading	Maintenance
<p>The altimeter system and altitude reporting tests per FAR 91.171 and FAR 43 appendix "E" have been performed. Paragraph (a) Static System <u>4-19-90</u> (date). Para. (b) Altimeters tested to <u>20</u> K feet Pilots <u>S934 PD-1</u> S/N <u>V1384</u> CoPilots <u>NA</u> S/N <u>—</u> Paragraph (c) Integrated System Test <u>4-19-90</u> (date) Encoder Model <u>D120-P2-R</u> S/N <u>34118</u></p> <p>The ATC Transponder test and inspection per FAR 91.172 and FAR 43 appendix "F" has been performed. Model <u>K1-76A</u> S/N <u>23778</u> Pertinent details are on file at this repair station.</p> <p>SIGNED <u>[Signature]</u> W.O. <u>2838</u> DATE <u>4-19-90</u></p> <p> PLANEMASTER SERVICES DuPage Airport          West Chicago, Illinois CRS DPUR243K</p>				

**PLANEMASTER SERVICES**  
 Altimeter Scale Correction Chart

Alt.	Error	Alt.	Error
-1000	+10	12000	+20
0	0	14000	+30
500	0	16000	+20
1000	0	18000	+10
1500	+10	20000	0
2000	+10	22000	X
2500	X	25000	X
3000	+20	30000	X
4000	+25	35000	X
6000	+10	40000	X
8000	0	45000	X
10000	+10	50000	X
Hy. 50%	60	Hy. 40%	70
After Effect:	0		

Alt. S/N V1384 Date 4-19-90

#04/20/90 HOUR METER 2597.9 N83685 PA28R-201T ~~Turbo Air~~ \*REPAIRED ELECTRIC TRIM SWITCH  
 WIRE IN CONTROL COLUMN. \*INSTALLED NEW RIGHT MAIN TIRE.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
 PLANEMASTER SERVICES  
 West Chicago, IL 60185

W.O. # 900361 DATE 4/20/90  
 Du Page Airport  
 FAA Approved Repair Station DPUR243K



4-20-90 HOUR METER 2597.9 REPLACED VACUUM HORIZON  
WITH OVER HAULED EXCHANGED UNIT, REPLACED VACUUM  
INLET FILTERS, AIRCRAFT TEST FLOWN, HORIZON WAS REPORTED  
functioning OK.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 2839 DATE 4-20-90  
Du Page Airport  
FAA Approved Repair Station DPUR243K

## Airborne

### Air Filter Change Reminder

Changed at: Next Change:  
2597.9 Hrs. 3197.9 Hrs.  
4-20-90 Date



#05/07/90 HOUR METER 2627 N83685 PA28R-201T Turbo Arrow #AIRFRAME T.T.:3334.0 /ENG  
SMOH:1586.0 /PROP SMOH:1388.3 #COMPLETED ANNUAL INSPECTION. #INSTALLED NEW PITCH TRIM WIRING  
THROUGH CONTROL YOKE. #INSTALLED NEW COMPASS LIGHT BULB. #REPLACED BEARINGS IN STABILATOR  
PUSH PULL TUBE. #REPLACED MISSING ROLL PINS IN #2 SEAT. #CLEANED AND LUBED TRIM DRUM.  
#INSTALLED NEW LEFT MAIN TIRE. #INSTALLED NEW BUSHINGS ON LEFT AND RIGHT MAIN GEAR SIDE  
BRACES. #REMOVED LEFT MAIN ACTUATOR AND INSTALLED NEW SEALS. #I CERTIFY THAT THIS AIRCRAFT  
HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN  
AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900404 DATE 5/7/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#06/01/90 HOUR METER 2652.0 N83685 PA28-200 Arrow  
LANDING LIGHT.

#LUBED FLIGHT CONTROLS. #REPLACED

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900404 DATE 6/1/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K



#06/06/90 HOUR METER 2656.9 N83685 PA28R-201T ~~Turbo Air~~ \*INSTALLED AND PAINTED NEW FORWARD VERTICAL STAB FAIRING.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900381 DATE 6/6/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#06/25/90 HOUR METER 2684.1 N83685 PA28R-201T ~~Turbo Air~~ \*SERVICED BATTERY.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900544 DATE 6/25/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#07/17/90 HOUR METER 2709.8 N83685 PA28R-201T ~~Turbo Air~~ \*REPLACED STARTER SOLENOID. FABRICATED & INSTALLED COPPER CABLE FROM SOLENOID TO STARTER. FUNCTIONAL TEST OK. \*LUBRICATED BENDIX STARTER SHAFT. \*REMOVED BATTERY, CLEANED, SERVICED & TOP CHARGED. REMOVED CORROSION FROM POSITIVE LEAD & REINSTALLED. \*REMOVED FUEL LINE & NIPPLE FROM TOTALIZER, CLEANED ALL THREADS & REASSEMBLED. FUNCTIONAL TEST OK.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900598 DATE 7/17/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#08/22/90 HOUR METER 2726.0 N83685 PA28-200 Arrow \*AIRFRAME T.T.:3433.0 /ENG SMOH:1685.0 /PROP T.T.: 0.00 PROP SMOH: 0.00 \*COMPLETED ANNUAL INSPECTION. \*RE-ROUTED, LUBRICATED & RIGGED PROP CONTROL. \*REPLACED TAIL NAVIGATION LIGHT BULB & CLEANED SOCKET. \*REPLACED RT. NAVIGATION LIGHT BULB. \*INSTALLED NEW NOSEWHEEL BEARINGS & RACES. \*REPLACED COMPASS CORRECTION CARD. \*INSTALLED NEW FLOORBOARD & CARPET ON FORWARD RT. SIDE & REINSTALLED SEAT. \*I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

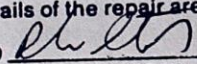
ENDORSEMENT



8/22/90 HOUR METER 2726.0 N83685 PA28-200 ARROW \*ENG SMOH:1685.0/  
ENG TT:3433.0/PROP TT: 0.00 /PROP SMOH: 0.00 /COMPRESSION=1-78/80,  
2-77/80,3-78/80,4-78/80. \*CHANGED OIL & FILTER. SERVICED WITH 8  
QTS, OF 50W OIL & CH48110 FILTER. \*RE-ROUTED & LUBRICATED PROP  
CABLE. \*REMOVED, INSTALLED & SAFTIED NEW MCCAULEY PROPELLER  
P/N P2155092-01 S/N 807526. \*REPLACED DEFROST SCAT HOSE.  
\*SERVICED BRAKE RESERVOIR. \*I CERTIFY THAT THIS ENGINE HAS BEEN  
INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS  
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



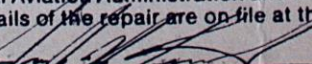
SIGNED   
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900658 DATE 8/22/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K

10/11/90 HOUR METER 2780.0 N83685 PA28R-201T Turbo Arr \*CHANGED OIL. SERVICED WITH 8  
QTS. OF 15W50 OIL.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED   
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 900841 DATE 10/11/90  
Du Page Airport  
FAA Approved Repair Station DPUR243K



...identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.

SIGNED Ch. E. T. J. W.O. # 900658 DATE 8/22/90  
**PLANEMASTER SERVICES** Du Page Airport  
 West Chicago, IL 60185 FAA Approved Repair Station DPUR243K

Certificate No. \_\_\_\_\_

#10/02/90 HOUR METER 2767.0 N83685 PA28-200 Arrow #SWUNG MAGNETIC COMPASS.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.

SIGNED Ch. E. T. J. W.O. # 900876 DATE 10/2/90  
**PLANEMASTER SERVICES** Du Page Airport  
 West Chicago, IL 60185 FAA Approved Repair Station DPUR243K

#11/30/90 HOUR METER 11/92. N83685 PA28R-201T ~~Turbo~~ #INSTALLED ELT. BATTERY. NEXT DUE

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.

SIGNED Ch. E. T. J. W.O. # 900979 DATE 11/30/90  
**PLANEMASTER SERVICES** Du Page Airport  
 West Chicago, IL 60185 FAA Approved Repair Station DPUR243K

#12/20/90 HOUR METER 2825.8 N83685 PA28-200 Arrow #TACH: <sup>2825.8</sup> ~~3532.8~~ AIRFRAME  
 T.T.:3532.8 /ENG SMOH:1784.8/PROP T.T.:97.2/ PROP ~~SMOH:97.2~~ #C/W ANNUAL INSPECTION.  
 #INSTALLED BRAKE PADS ON BOTH MAIN GEAR. #TIGHTENED RT. NAVIGATION LIGHT ASSEMBLY. #INSTALLED LOWER O-RINGS & WIPER STRIP IN ALL LANDING GEAR STRUTS. REBUILT & SERVICED I.A.W. PA28-RT201 SERVICE MANUAL. #REPAIRED UPPER TAIL NAVIGATION LIGHT GROUND CONNECTION. #INSTALLED ELT STRAP & BRACKET. #INSTALLED STATIC WICK ON RT. OUTBOARD AILERON. #TIGHTENED TRIM SWITCH TO YOKE. #REPOSITIONED & TIGHTENED HOSE CLAMP ON HORIZON #INSTALLED PILOT'S PUSH-TO-TALK SWITCH. #GLUED DOWN CARPETING. #I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.


SIGNED Ch. E. T. J. W.O. # 901017 DATE 12/20/90  
**PLANEMASTER SERVICES** Du Page Airport  
 West Chicago, IL 60185 FAA Approved Repair Station DPUR243K



#02/19/91 HOUR METER 2848.0 N83685 PA28R-201T ~~Turbo Prop~~ \*INSTALLED NEW 70 AMP AMMETER GAUGE P/N 763-053.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.




SIGNED   
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 910106 DATE 2/19/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#03/04/91 HOUR METER 2848.4 N83685 PA28R-201T ~~Turbo Prop~~ \*TACH:2848.4/ AIRFRAME T.T.:2848.4 /ENG SMOH:0.00 \*INSTALLED LYCOMING D/H 10-360-C1C6 S/N RL-17250-51A WITH NEW LORD MOUNTS & ALL NEW HOSES. \*REMOVED RIVETS FROM CENTER BOTTOM STRINGER, STA. 171 TO 190. DRILLED HOLES TO #30. INSTALLED 7 NEW MS20470AD-4-4 RIVETS. \*SERVICED NOSE STRUT WITH NITROGEN. \*PERFORMED DYNAMIC PROPELLER BALANCE.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



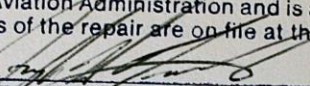
SIGNED   
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 910131 DATE 3/4/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#03/29/91 HOUR METER 2859.1 N83685 PA28R-201T ~~Turbo Prop~~ \*STOP DRILLED CRACKS IN WING TIP FAIRING OF THE RT. WING & REINFORCED AREA WITH ALUMINUM TAPE.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



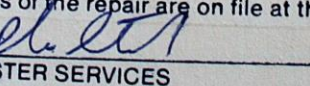
SIGNED   
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0079 DATE 3/29/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#04/06/91 HOUR METER 2864.9 N83685 PA28R-201T ~~Turbo Prop~~ \*SERVICED AND CHARGED BATTERY.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED   
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0096 DATE 4/6/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K



#REPAIRED WIRE @ LANDING LIGHT.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED Gary D.  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0066 DATE 3/26/91

Du Page Airport  
FAA Approved Repair Station DPUR243K

#04/06/91 HOUR METER 2864.9 N83685 PA-28RT-201 ARROW IV \*TACH INDICATES 2864.9, \*PAINTED AND INSTALLED NEW WING TIP ON RIGHT SIDE, P.N. 36739-815.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0100 DATE 7/6/97

Du Page Airport  
FAA Approved Repair Station DPUR243K

\*05/15/91 HOUR METER 2904.3 N836B5 PA-28RT-201 ARROW IV \*STRAIGHTENED UPPER ACTUATOR ARM  
ON PILOT'S FLOW CONTROL FOR HEAT SYSTEM.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED *Paul H. Hays*  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 219 DATE 5-15-91

Du Page Airport  
FAA Approved Repair Station DPUR243K

#06/14/91 HOUR METER 2925.7 N83685 PA-28RT-201 #TACH:2925.7/ AIRFRAME  
T.T.:3632.5 /ENG SMOH:77.3 /PROP T.T.:197.1 #C/W ANNUAL INSPECTION. #REPLACED BOTH MAIN GEAR  
TIRES AND REPACKED ALL WHEEL BEARINGS WITH GREASE. #REPLACED MISSING STATIC WICKS ON TAIL AND  
LT. AILERON. #REMOVED CORROSION FROM UPPER TANGS OF INBOARD AFT SPAR FITTINGS, TREATED,  
PRIMED AND PAINTED AREA. #RESEALED ALL CABIN WINDOWS EXCEPT CABIN DOOR. #REMOVED CORROSION  
FROM LANDING GEAR FORKS. TREATED, PRIMED AND PAINTED AREA. #REPAIRED CABIN DOOR, LOWER HINGE.  
#REPLACED HEAT MUFFLER INLET WITH SCAT TUBING. #I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY  
CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0301 DATE 6/14/91

Du Page Airport  
FAA Approved Repair Station DPUR243K

Carry Forward ☒



#06/27/91 HOUR METER  
DIPSTICK DOOR.

N83685 PA-28RT-201

#INSTALLED & PAINTED NEW OIL

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0348 DATE 6/27/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#07/05/91 HOUR METER 2951.0 N83685 PA-28RT-201  
DAMPNER. RETRACTION TEST CHECKED GOOD.

#INSTALLED NEW ROD-END ON SHIMMY

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0373 DATE 7/5/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#07/30/91 HOUR METER 2984.1 N83685 PA-28RT-201

#TACH:2984.1/ AIRFRAME

T.T.:2984.1 /ENG SMOH:135.7 /PROP T.T.:255.5 #REAFFIXED RUBBER PAD TO CO-PILOT'S RIGHT RUDDER  
PEDAL WITH 1300L ADHESIVE. #REPLACED WING STEP ABRASIVE STICKER. #REPLACED LANDING LIGHT  
BULB.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0445 DATE 7/30/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K



#09/05/91 HOUR METER 3026.4 N83685 PA-28RT-201 \*TACH:3026.4/ AIRFRAME  
T.T.:3733.2 /ENG SMOH:178.0 /PROP T.T.:297.8 \*COMPLETED ANNUAL INSPECTION. \*TIGHTEN  
COMPRESSION FITTINGS ON FUEL LINE IN LT. WING. \*TIGHTENED TRUNION BOLTS. \*REPLACED ALL BRAKE  
PADS WITH NEW. \*REMOVED CORROSION FROM BATTERY BOX. \*I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY  
CONDITION.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



SIGNED [Signature]  
PLANEMASTER SERVICES  
West Chicago, IL 60185

W.O. # 0542 DATE 9/5/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#11/12/91 HOUR METER 3103.6 N83685 PA-28RT-201 \*REWOUND STABILATOR TRIM CABLE  
ONTO TRIM CONTROL WHEEL ASSEMBLY. ADJUSTED STABILATOR TRIM INDICATOR NEEDLE AND OPERATIONALLY  
CHECKED MANUAL AND ELECTRIC STABILATOR TRIM SYSTEMS. CHECKED OK. \*REPLACED ALLEN SET SCREW  
FOR DIRECTIONAL GYRO KNOB. REINSTALLED KNOB ON DIRECTIONAL GYRO. \*CLEANED INTERIOR PANEL ON  
CABIN DOOR. \*INSTALLED NEW EXCHANGE ATTITUDE GYRO P/M RCA-227 S/N 91U1269. INSTALLED NEW  
D9-18-1 VACUUM CENTRAL FILTER. \*INSTALLED NEW HOSE MIL-6000H BETWEEN VACUUM PUMP AND VACUUM  
REGULATOR.

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W.O. # 0715 DATE 11/18/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K



#11/19/91 HOUR METER 3105.6 N83685 PA-28R-201 \*INSTALLED NEW RETRACT CYLINDER  
FOR RT. LANDING GEAR. PERFORMED RETRACT TEST OK, SERVICED HYDRAULIC RESERVOIR.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



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W.O. # 0727 DATE 11/19/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#12/04/91 HOUR METER N83685 PA-28RT-201 \*INSTALLED NEW LANDING LIGHT.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



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W.O. # 0775 DATE 12/4/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#12/09/91 HOUR METER 3110.0 N83685 PA-28R-201 \*SOLDERED WIRES ON O/H FLOOD LAMP  
DIMMER. INSTALLED AND TORQUED DIMMER BODY TO OVERHEAD PANEL.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



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W.O. # 787 DATE 12-9-91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

The altimeter system and altitude reporting tests per F.A.R. 91.411 and FAR 43 appendix "E" have been performed. Paragraph (a) Static System 1/8/92 (date). Para (b) Altimeters tested to 35 K feet. Pilots SA34 PD-1 S/N V1384 CoPilots NA S/N —. Paragraph (c) Integrated System Test 1/8/92 (date). Encoder Model D120 P2-T S/N 52989. The ATC Transponder test and inspection per FAR 91.413 and FAR 43 appendix "F" has been performed. Model KT-26A S/N —. Pertinent details are on file at this repair station.

SIGNED [Signature] W.O. 3631 DATE 1/8/92  
PLANEMASTER SERVICES DuPage Airport  
West Chicago, Illinois CRS DPUR243K

Alt. S/N <u>V1384</u> Date <u>1/8/92</u>		PLANEMASTER SERVICES Altimeter Scale Correction Chart			
Alt.	Error	Alt.	Error	Alt.	Error
-1000	+20	12000	+45		
0	+20	14000	+50		
500	+15	16000	+40		
1000	+20	18000	+20		
1500	+20	20000	+20		
2000	+30	22000			
2500	+30	25000			
3000	+30	30000			
4000	+35	35000			
6000	+20	40000			
8000	+30	45000			
10000	+40	50000			
HY 50% <u>30</u>		HY 40% <u>20</u>			
After Effect: <u>0</u>					



Registration No.  
#12/20/91 HOUR METER 3125.7 N83685 PA-28RT-201 ARROW \*TACH:3125.7/ AIRFRAME  
T.T.:3832.5 /ENG SMOH:277.3 /PROP T.T.:397.1 \*COMPLETED ANNUAL INSPECTION. \*REMOVED 90 DEGREE  
FITTING ON RT. GEAR ACTUATOR AND REINSTALLED FITTING WITH THREAD TAPE. LEAK CHECK OK.  
\*REPAIRED CO-PILOT'S SEAT WEBBING. \*INSTALLED NEW NUTPLATE ON SPINNER BACKPLATE. \*REPLACED  
SHIMMY DAMPER BODY MOUNT AND MOUNT HARDWARE FOR BOTH ENDS. \*REPLACED OUTER BEARINGS ON NOSE  
TRUNION STEERING. \*REBUSHED NOSE SCISSORS AND REINSTALLED USING NEW HARDWARE. \*REPLACED OAT  
ASSEMBLY. \*ADJUSTED LT. HEATER DOOR LINKAGE ROD TO CLEAR NOSE GEAR TRUNION. \*FABRICATED AND  
INSTALLED DOUBLER AT OUTBOARD MOUNT POSITION FOR THE RT. AILERON. \*REPLACED RT. AILERON  
PUSH-PULL ROD. \*REPLACED BOTH FUEL CAP GASKETS. \*RETORQUED LT. WING AFT SPAR BOLT. \*INSTALLED  
USABLE QUANTITY PLACARDS ON FUEL TANKS. \*I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN  
ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. cate

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



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West Chicago, IL 60185

W.O. # 812 DATE 12-20-91  
Du Page Airport  
FAA Approved Repair Station DPUR243K

#12/26/91 HOUR METER 3126.0 N83685 PA-28RT-201 ARROW \*INSTALLED SPARE G-35 BATTERY.

The aircraft/component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station.



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West Chicago, IL 60185

W.O. # 832 DATE 12/26/91  
Du Page Airport  
FAA Approved Repair Station DPUR243K