

371 MC

No. 7



The Standard

AIRCRAFT LOG

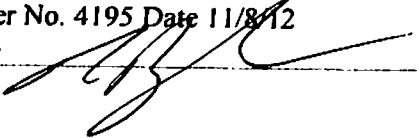
ASA-SA-2

Island Airways Maintenance Release
36155 East Side Dr. Beaver Island Mi. 49782
111 Airport Dr. Charlevoix Mi. 49720
FAA CRS ECLR465D □

DATE 11/8/12	HOBBS 2655.7	REG 371MC
SN 31-7405409	SMOH NA	TT 12155.9
MN PA31-350	TACH NA	

- *aircraft inspected for ferry permit obtained to move aircraft from cvx to 6y8 for repairs
- *replace airframe battery with new G242 ser # G02746268 ops test satisfactory
- *lube MLG downlock system ops test satisfactory
- *troubleshoot MLG uplock system replace nose gear uplock switch with new switch p/n 487-862, repair right mlg harness and replace right mlg switch with serviceable switch p/n 487-862, ops test satisfactory
- *numerous MLG retraction test performed satisfactory
- *replace inop turn coordinator with overhauled unit ser # 8606-50 installed ops test satisfactory

The aircraft airframe, ___ engine, ___ propeller or appliance identified above was ___ repaired, ___ overhauled and ___ inspected in accordance with current maintenance rules of the FAR's and is approved for return to service. Pertinent details of the work are on file under Work Order No. 4195 Date 11/8/12

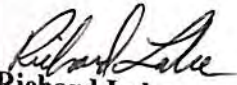
Authorized Signature 

Description of Inspections, Tests, Repairs and
Entries must be endorsed with Name, Rating and Certificate
Technician or Repair Facility. (See back pages for other speci

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	-------------------	-----------------------------	---

N371MC PA31-350 31-7405409
 Date 04/01/12 hobbs 2651.3 T.T. 12151.5
 AD's 98-08-18, 99-12-05, 2000-25-01, 2001-06-01,
 2003-24-07, AD 2009-13-06 baggage door handle cw by
 inspection.

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


 Richard Lake
 A&P 2071154 I.A.

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	-------------------	-----------------------------	---

4/17/12 2651.3 12151.5
 Removed THE 4 Fuel Pressure Hoses
 From THE Fuel Pressure Gage on
 THE Copilot side INSTRUMENT PANEL
 AND Replace THEM WITH 4 New Hoses
 P/N 565-583
 Hose dates For 2 OF THE Hoses are
 November 7-2011
 Hose DATE For 2 OF THE Hoses are
 September 29-2011
 Removed THE AIRCRAFT From THE
 Hanger AND RAN BOTH Engines
 No Leaks Found AT. THE Fuel
 Pressure Gage or were THE Hose
 ATTACH TO THE AIRCRAFT
 THIS AIRCRAFT is Approved For
 RETURN TO service
 AP 3504085
 Mark Robine

YEAR 20 12 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/9/12	26513		12151.5	100 Hour Inspection
				Remove THE INTERIOR AND ALL THE Inspection pannals and Lub ALL pulys AND INSPECTED cables Reinstall ALL PANNALS Remove ALL INSPECTION PANNALS ON THE EXTERIOR AND Lub and inspect cables Removed THE C.D HEATER FROM THE NOSE OF THE AIRCRAFT AND DO A PRESSURE DECAY AND DO A HEATER MODIFICATION KIT PT# C.D29151 WITH THE INSTRUCTION FOR CONTINUED AIRWORTHINESS ARE IN THE POH AND WITH THE LOG BOOKS Service THE NOSE gear WITH Nitrogen place THE AIRCRAFT ON JACKS AND PERFORMED A RETRACTION TEST Replaced ORINGS IN THE LEFT Brake master cylinder PT# MS28775-012 PT# 484-730. PT# MS28775-115 THE PI-A

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				LEFT Brake Removed THE ALTimeters AND sent THEM out TO Be Recertified Reinstalled THE ALTimeters AND Had THE Transponder Tested AND THE STATIC SYSTEM Tested. REPLACE THE ELT BATTERY 8 DURACELL DATE 2018 Heater Hobbs 3754.7 Remote BATTERY DATE 2021 PT# PX28L Remove BATTERY AND BATTERY BOX FROM THE NOSE AND CLIMB SERVICE BATTERY AND REINSTALL AIRCRAFT HAS NOT MOVED SINCE LAST ANNUAL 1-18-11 Did NOT Repack wheel Bearings puld AIRCRAFT OUT RAN THE ENGINES AND TESTED prop Deice AND THE PNEUMATIC Deice Boots
				THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND IS APPROVED FOR RETURN TO SERVICE

A.P. 3504085
Mark Rolin

YEAR 2009 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/21/09	2563.1		12,063.3	<p>100 Hour Inspection</p> <p>Removed ALL INSPECTION PANNELS AND INSPECT THE AIRFRAME REPLACE ALL PANNELS REMOVE THE INTERIOR AND ALL FLOOR PANNELS AND INSPECT REINSTALL THE INTERIOR PLACE AIRCRAFT ON JACKS AND INSPECT LANDING gear AND DO THE RETRACT TEST REPACK WHEEL BEARINGS REPLACE PEICE BOOT FILTERS REPLACE ELT BATTERY DATE 2016 INSTALL NEW HYD FILTERS REMOVED ALTIMETERS AND SENT OUT TO BE RECERTIFIED REMOVED GASS SCREENS AND CLEAN INSTALLED NEW HEATER THERMOSTAT AND NEW TEMP SWITCH PT# CD21253 AND CD21252 ALL BEARING A.D HAVE BEEN INSPECTED AND NO NEW A.D WERE FOUND THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION</p>

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>AND IS FOUND TO BE AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE A.P. 365700932 Mark Robins</p> <p>N371MC PA31-350 31-7405409 Date 01/01/10 T.T. 12063.3 AD's 98-08-18, 99-12-05, 2000-25-01, 2001-06-01, 2003-24-07 cw by inspection.</p> <p>I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p><i>Richard Lake</i> Richard Lake A&P 2071154 I.A.</p>

YEAR
20
DATE

Hobbs
TIME

Current Weight and Balance Information

Empty Weight	Empty CG	Useful Load	Remarks
--------------	----------	-------------	---------

2563.1

I certify that the altimeter and static system tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Altimeter Model	8140B-30	Serial No.	2577
Altimeter Model	5934PA-1	Serial No.	ØD322
Transponder Model	KT-76A	Serial No.	96920
Transponder Model	NA	Serial No.	

The altimeter was tested to 30,000 feet on 12/8/09
 The transponder was tested on 12/14/09
 Encoder data correspondence was tested to 30K feet on 12/14/09
 Static system leak tested on 12/14/09

SIGNED [Signature] W.O.# 3059 DATE 12/14/09

Evans Avionics, L.L.C., Cherry Capital Airport
Traverse City, MI 49686, F.A.A. certified repair station no. E92R057X

Aircraft Record General Information

Manufacturer PiPer Model PA31-350

Serial 31-7405409 Registration Number 371MC

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Lycoming Model TIO540J2BD Serial _____

Manufacturer Lycoming Model LTIO540J2BD Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

371 me



no. 6

The Standard
-**AIRCRAFT LOG**

ASA-SA-2

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/6/09	24476			INSTALL 1 new NAVI STrobe PT761-183 THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE Mark Robins AP.365700932
7/6/09	24694			Service THE AC WITH HOTSHOT TEST RUN THE SYSTEM IT COOLS GOOD THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AP.365700932 Mark Robins
7/20/09	24714			Removed NOSE Baggage Door Lock AND Replaced per AD. 2009/13106 New Lock P/N 88409-002 THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE Mark Robins AP.365700932

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/24/09	24802			Remove AND Replace LEFT STrobe LIGHT FLASH Tube P/N 427 Whellan TEST good ALSO Replace Brake pads P/N 66-3300 AND TEST THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE Mark Robins AP.365700932

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1/29/09	2385.2			Remove GPS ANNUNCIATION CONTROL AND EXCHANGE INSTALL AN OVERHAUL ANNUNCIATION control SN# 12198 and Test ALSO INSTALLED AN OVERHAULD TURN COORDINATOR AND TESTED THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AP 365700932 mark Robin.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/8/09	2417.6			Removed AC compressor and install new AC compressor Part # FF210R-2522 ALSO Replaced 2 AC Hose PT# 565-732 and Part # 565-731 and Tested Replaced COMPASS DIAPHRAGM PT# 1001386 and Filled with COMPASS FLUID NO Leaks Found THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AP 365700932 mark Robin.
4/24/09	2442.6			Removed LEFT MAIN Tire and Installed A new michelin air 650 x 10 10ply ALSO Replaced THE Tire Tube THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE mark Robin AP. 365700932

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/3/08	2287.6			Removed THE G.P.S ANTENNA FROM THE TOP OF THE CABIN AND PATCH THE MOUNTING HOLES REMOVE THE G.P.S ANTENNA OVER THE AVIONICS BAY ON THE NOSE OF THE AIRCRAFT THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AP.365700932 Mark Roblin
8/28/08	2348.5			Pump down THE AC AND REPLACE THE RIGHT AND LEFT EXPANSION VALVE AND REPLACE THE Receiver dryer Recharge WITH R12 AND TEST THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE MARK Roblin A.P.365700932

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/2/08	2348.5		11848.7	Replace SPRINGS ON NOSE Luggage Door PT# 20F 487-316 AND ONE OF 487-371 Per MSB 872 AND SB1194 Lube AND TEST THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AP.365700932 Mark Roblin
1/23/09	2379.5		11879.7	INSTALL overhauled TACH PT# 57-4AW SN 2900 AND TESTED ALSO INSTALLED A NEW TACH CABLE PT# 486-628 ON THE RIGHT ENGINE THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AP.365700932 Mark Roblin

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/14/07	2257.7		11757.9	100 Hour Inspection Removed ALL Inspection panels and inspect Airframe Reinstall ALL panels Replace ALL Brake pad PT# 066-3300 Replace Brake Disks Right and Left PT# 754-574 Replace Right MAIN Tire with 6.50/10/10/120 Removed Right and Left ALTimeter and sent out TO Be Recertified Removed THE FLIGHT Director and installed a Repaired Instrument clean glass screens inspect THE Landing gear and lube Replace ELT BATTERY and test CLEAN and Repack Wheel Bearings ALL AD Complied with AT THIS TIME THIS AIRFRAM HAS BIIY INSPECTED IN ACCORDANCE WITH PA-31-350 SERVICE MANUAL and is FOUND TO BE IN AN AIRWORTHY CONDITION AND APPROVED.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				For Return to service A.P. 365700932 Mark Polina

N371MC PA31-350
Date 12/27/07

31-7405409
T.T. 11757.9

AD's 98-08-18, 99-12-05, 2000-25-01, 2001-06-01,
2003-24-07cw by inspection.
Replaced pilots flight director with repaired unit
p.n. 504-0001-911 s.n. 2686x

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

Richard Lake
Richard Lake
A&P 2071154 I.A.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

I certify that the altimeter and static system tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Altimeter Model 8140B-30 Serial No. 2577
 Altimeter Model 5934PA-1 Serial No. 0D322
 Transponder Model N/A Serial No. _____
 Transponder Model N/A Serial No. _____

The altimeter was tested to 30,000 feet on 12/11/07.
 The transponder was tested on N/A.
 Encoder data correspondence was tested to N/A feet on _____.
 Static system leak tested on N/A.

SIGNED M.R. Evans W.O.# 2355 DATE 12/11/07

Evans Avionics, L.L.C., Cherry Capital Airport
 Traverse City, MI 49686, F.A.A. certified repair station no. E92R057X

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

I certify that the altimeter and static system tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Altimeter Model N/A Serial No. _____
 Altimeter Model N/A Serial No. _____
 Transponder Model KT-700A Serial No. 23225
 Transponder Model N/A Serial No. _____

The altimeter was tested to N/A feet on _____.
 The transponder was tested on 12/26/07.
 Encoder data correspondence was tested to 302 feet on 12/26/07.
 Static system leak tested on 12/26/07.

SIGNED M.R. Evans W.O.# 2368 DATE 12/26/07

Evans Avionics, L.L.C., Cherry Capital Airport
 Traverse City, MI 49686, F.A.A. certified repair station no. E92R057X

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/4/07				Removed THE RIGHT Emergency FUEL pump and installed a new Weldon Emergency Fuel pump PART # 1910014-D40 SN# 128279 Tested THE FUEL SYSTEM For Leaks THIS Airframe is Approved For Return To Service Mark Robin AP. 365700932
5/24/07				Replaced THE RIGHT and LEFT main Landing gear Brake Linings PT 066-330 Tested THE Brakes THIS AIRCRAFT IS APPROVED For Return To Service AP. 365700932 Mark Robin

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/17/07	2206.7			A.D 98-08-18 complied WITH INSTALLED A New spring P.T# 71056-3 AND SET TENSION TO 37LBS ALSO INSTALLED LEFT Aileron Bearings PT# 452-386 THIS Airframe is Approved For Return To Service Mark Robin AP. 365700932

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/13/06	2080.2			Removed old Brake pads and Replaced with new 66-33 pads ALSO Bled the Brakes THIS AIRFRAME IS APPROVED FOR RETURN TO SERVICE A.P.365700932 Mark Robini
2/20/07	2113.2			Removed THE LEFT THROTTLE cable AND Replace WITH PART # 24894-18 ALSO Replaced cable End Ball joint PART # 54175-00 ON THE LEFT THROTTLE cable THIS AIRFRAME IS APPROVED FOR RETURN TO SERVICE A.P.365700932 Mark Robine

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/18/07	2171.2			Removed THE APOLLO 2001 GPS AND SENT IS TO GARMIN FOR REPAIR INSTALLED THE REPAIRED APOLLO 2001 GPS AND TESTED THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE A.P.365700932 Mark Robini GPS paper work is in THE yellow TAG Bag

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/17/06	2006.5		11486.8	Removed THE GPS enunciator LIGHTS From THE center OF THE control, panel AND Reinstald THEM in THE pilots IFR INSTRUMENT CONFIGURATION Instaled A new wiring HARNIS From Evens Avionics TO operate THE LIGHTS Test Fly THE plane ALL THE LIGHT work THIS AIRFRAME IS APPROVED FOR RETURN TO SERVICE Mark Robin A.P. 365700932
10/10/06	2069.2			Removed and Replaced Gill 246 BATTERY WITH NEW SN#G0222292 ALSO Replace THE LEFT ALTERNATOR CIRCUIT PROTECTOR SWITCH PT#454712 ALSO Replace 2 5 AMP CIRCUIT BREAKERS FOR THE RIGHT AND LEFT VOLTAGE REGULATORS PT#454656 A.P. 365700932 Mark Robin

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/20/06	2076.2			Removed THE KT76A Transponder AND sent IT TO EVENS AVIONICS FOR REPAIR REINSTALLED THE Transponder SIV#24337 model KT76A AND TESTED IT IN FLIGHT THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE A.P. 365700932 Mark Robin
10/23/06	2076.2			REPLACE THE RIGHT Fuel Pressure SWITCH WITH A NEW SWITCH FROM THE PARTS NETWORK PT#688-192 SN#G026381 TESTED THE Fuel SYSTEM FOR Leaks THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE A.P. 365700932 Mark Robin

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/24/06	1970.2			Removed THE LEFT main Tire and Replaced it with a new MICHELIN AIRCRAFT Tire 6.50-10 10ply 120MPH PT# 076-356-0 Also Replaced THE Tube with a new MICHELIN PT# 092-344-0 6.50-10 THIS AIRCRAFT is approved For RETURN TO SERVICE A.P. 365700932 Mark Rubin

DATE 2006 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/1/06	1988.5		11468.8	Removed THE RIGHT Low Boost Fuel pump and Replaced it with AN OVERHAUL Fuel pump TEST THE pump NO Leaks Found TEST FLY THE AIRCRAFT THE pump works IN ACCORDANCE WITH THE OPERATORS FLIGHT manual THIS AIRCRAFT is Approved For RETURN TO SERVICE A.P. 365700932 Mark Rubin
9/28/06			3459.1	Heater AT O Time Heater Hobbs Time Removed Defective C.D HEATER SN# 1064 From THE NOSE OF 371mc ALSO Removed THE Fuel Presser Regulator. Installed A new CD HEATER PT# CD14048-1 model # CD45K SN# 1225 ALSO Installed A new CD Fuel Presser Regulator Tested THE Heater NO Fuel Leaks Found made all adjustments according to THE CD HEATER manual THIS AIRCRAFT is Approved For RETURN TO SERVICE A.P. 365700932 Mark Rubin

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/1/06	1890.0			Removed THE LEFT AND RIGHT ENGINE MAGNETO SWITCHS AND REPLACE WITH NEW PIPER PARTS, PART # 487958 ALSO REPLACED THE STARTER SWITCH PART # 487852 AND THE DIMMER SWITCH. PT # 571126 ON THE FRONT OVERHEAD SWITCH PANEL THIS AIRFRAM IS APPROVED FOR RETURN TO SERVICE A.P. 365700932 MARK ROBIN
2/24/06	1900			REPLACE THE AFT HINGE ON THE FRONT LUGGAGE DOOR WITH A NEW PIPER PART PT # 42541-00 TEST TO SEE THAT THE DOOR OPERATES PROPERLY. THIS LUGGAGE HAS BEN REPAIRD IN ACCORDANCE WITH THE PIPER SERVICE MANUAL AND IS APPROVED FOR RETURN TO SERVICE A.P. 365700932 MARK ROBIN

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/15/06				REMOVE THE AIRCELL PHONE SYSTEM FROM PIPER 371MC AND INSTALL A NEW SATCOM PHONE SYSTEM INSTALL A SATELLITE ANTENNA ON THE TOP OF THE AIRCRAFT ALSO INSTALL COMPUTER AND TWO COMPUTER SCREENS ALSO REMOVE THE OLD BENDIX RADAR NEW WEIGHT AND BALANCE INSTALLED IN THE AIRCRAFT FLIGHT MANUAL A.P. 365700932 MARK ROBIN

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------	---------------------------	------------------	-----------------------------	---

I certify that the altimeter and static system tests required by 14 CFR § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Altimeter Model Q140B-30 Serial No. 2577
 Altimeter Model 5934PA-1 Serial No. 00322
 Transponder Model K170A Serial No. 23225
 Transponder Model N/A Serial No. N/A

The altimeter was tested to 30K feet on 12/27/05
 The transponder was tested on 12/27/05
 Encoder data correspondence was tested to 30K feet on 12/27/05
 Static system leak tested on 12/27/05

SIGNED M. J. [Signature] W.O.# 1588 DATE 12/27/05

Evans Avionics, L.L.C., Cherry Capital Airport
 Traverse City, MI 49686, F.A.A. certified repair station no. E92R057X

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<u>2005</u>			<u>0</u>	<u>Heater Hobbs 3399.5</u>
<u>12/28/05</u>	<u>18621</u>			<u>INSTALL A NEW C.D HEATER MODEL CD45H</u> <u>IN THE NOSE OF 371MC SN1064</u> <u>IN ACCORDANCE WITH piper service</u> <u>MANUAL THIS HEATER HAS BEEN TESTED</u> <u>ON THE GROUND AND IN FLIGHT.</u> <u>THIS AIRFRAME IS APPROVED FOR RETURN</u> <u>TO SERVICE</u> <u>A.P. 365700932 Mark Robina</u>
<u>12/28/05</u>	<u>18621</u>			<u>REPLACE ALL HYD HOSE ON 371MC</u> <u>WITH NEW HOSE FROM AVIALL PUT</u> <u>PLAIN ON JACKS RUN THE LANDING GEAR</u> <u>UP AND DOWN NO LEAKS FOUND TOP</u> <u>OFF HYD SYSTEM WITH 5606 TEST</u> <u>FLY PLAIN THIS AIRFRAME IS APPROVED</u> <u>FOR RETURN TO SERVICE A.P. 365700932</u> <u>mark Robina</u>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2005 2005				
3/10	1640			INSTALL OVERHAULD FLAP MOTOR AND ADJUST UP AND DOWN LIMIT SWITCH TEST FLAPS IN ACCORDANCE WITH PILOT SERVICE MANUAL AIRFRAME IS APPROVED FOR RETURN TO SERVICE A.P. 365700932 Mark Robin
5/25/05	1713		11211	Remove and Replace Bendix HSI WITH a OVERHAULD INSTRUMENT PT# 4000172-8503 IN 831A SN# 3355 TEST FLIGHT ALL SYSTEMS GOOD THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE A.P. 365700932 Mark Robin

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2005 2005				
6/15/05	1721.1			INSTALLED AN OVERHAULD A.C BLOWER ON THE RIGHT SIDE OF 321MC AND ON THE LEFT SIDE I INSTALLED A NEW A.C BLOWER I TEST RAN BOTH BLOWER REASSEMBLE THE INTERIOR. THIS AIRFRAME IS APPROVED FOR RETURN TO SERVICE A.P. 365700932 Mark Robin

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE: 12/08/04 Hobbs 1600
 replace right side outbord landing gear aft hinge with anew piper part part #42059-07 this part came from parts network
 A.P #365700932 Mark Robins
Mark Robins

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

date 12/20/04
 hobbs 1607
 A.D.2003-24-07
 install an inspection on the lower right side of the rudder toinspect torque tube for corrosion non found also install drain holes to prevent the acculation of water install cover plate part #481-095 THE RUDDER HAS BEN INSPECTED IN ACCORDANCE WITH THE A.D. AND PIPER SERVICE BULLETIN #1105A THIS AIRFRAME IS APROVED FOR RETURN TO SERVICE
 A.P. 365700932 MARK ROBINS
Mark Robins

*4/14/05 INSTALLED overHAULd Engines on THE RIGHT AND LEFT sides OF 371 MC SN-31-7405409 THESE Engines HAVE Ben overHAULd By AeroRecip ALL A.D HAVE Ben conplyed WITH TO DATE ALSO Replaced THE Lord mounts AND THE Fuel and oil Lines Replace THE spinner Bracking PLATE THis AirFRAME is Aproved For RETURN To service A.P. 365700932
*Mark Robins**

DATE 19 _____
 RECORDING TACH TIME
 TODAYS FLIGHT
 TOTAL TIME IN SERVICE

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAINTENANCE RELEASE
 Island Airways Inc, 111 Airport Dr. Charlevoix Mi. 49720
 FAA Certified Repair Station NO. ECLD465D
 DATE 4-30-04 HOBBS 1492 REG 371MC
 SN 31-7405409 SMOH TT
 MN PA-31-350 TACH
 *nose strut (S&B wo #7589)
 *rear heater

The aircraft airframe, engine, propeller or appliance identified above was X repaired, _____ overhauled and inspected in accordance with current maintenance rules of the FAR's and is approved for return to service. Pertinent details of the work are on file under Work Order No. 0042 Dated 4-30-04
 Authorized Signature _____

DATE 19 _____
 RECORDING TACH TIME
 TODAYS FLIGHT
 TOTAL TIME IN SERVICE

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

~~2004~~
 7/13/04 1509

REPLACE THE RIGHT THROTTLE CABLE WITH A NEW PIPER PART. PART# 24894-02
 INSTALL CABLE IN ACCORDANCE WITH PIPER SERVICE MANUAL. THIS AIRFRAME IS APPROVED FOR RETURN TO SERVICE AP 365-700932 mark Robm

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	------------------	-----------------------------	---

- The static system tests required by FAR 91.411 and FAR 43 appendix "E" have been satisfactorily performed.
- The Integrated Altitude Reporting System tests required by FAR 91.411 and FAR 43 appendix "E(a)" have been satisfactorily performed.
- The ATC Transponder test and inspection required by FAR 91.413 and FAR 43 appendix "F" have been satisfactorily performed:

#1 Transponder Model KT76A S/N 24337
 #1 Transponder Model N/A S/N N/A

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 M.R. Evans W.O.# 817 DATE 1/8/04

Evans Avionics, L.L.C., Cherry Capital Airport
 Traverse City, MI 49686, F.A.A. certified repair station no. E92R057X

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	------------------	-----------------------------	---

MAINTENANCE RELEASE
 Island Airways Inc, 111 Airport Dr. Charlevoix Mi. 49720
 FAA Certified Repair Station NO. ECLD465D

DATE 2-05-04 HOBBS 1451 REG 371MC TT
 SN 31-7405409 SMOH
 MN PA31-350 TACH

*replace 2 hydraulic hoses on each engine
 *replace MP hoses on each engine
 The aircraft airframe, engine, propeller or appliance identified above was X repaired, overhauled and inspected in accordance with current maintenance rules of the FAR's and is approved for return to service. Pertinent details of the work are on file under Work Order No. 0021 Dated 2-05-04
 Authorized Signature [Signature]

MAINTENANCE RELEASE
 Island Airways Inc, 111 Airport Dr. Charlevoix Mi. 49720
 FAA Certified Repair Station NO. ECLD465D

DATE 3-03-04 HOBBS 1480 REG 371MC TT
 SN 31-7405409 SMOH
 MN PA-31-350 TACH

*replace fuel flow meter
 *repair dual tach
 *replace air conditioner and volt meter circuit breakers
 The aircraft airframe, engine, propeller or appliance identified above was X repaired, overhauled and inspected in accordance with current maintenance rules of the FAR's and is approved for return to service. Pertinent details of the work are on file under Work Order No. 0025 Dated 3-03-04
 Authorized Signature [Signature]

Maintenance Release

Island Airways Inc. 36155 East Side Dr. Beaver Island Mi. 49782
 FAA Certified Repair Station # ECLR465D
 REG 371MC
 HOBBS 1428
 TT 10928
 SMOH

DATE 11/20-03
 SN 31-7405409
 MN PA-31-350

*annual inspection completed this date

ad# 82-27-13R2 (flap) due at 1600
 96-20-07 (pdt) test cw next due at 11-05
 98-08-18 (bungee) next due at 2109 hobbs
 99-12-05 (elevator spar) next due at 1528 at
 (replace 11613 tt)

2000-06-01 (mlg hinges) cw next due at 1528
 The aircraft airframe, engine, propeller or appliance above
 was X repaired, overhauled, tested and inspected in
 accordance with current maintenance rules of the FAR's and is
 approved for return to service. Pertinent details of the work are on
 file under Work Order No. 00046 Dated 11-20-03

Authorized Signature *[Signature]*

Maintenance Release

Island Airways Inc. 111 Airport Dr. Charlevoix Mi. 49720
 FAA Certified Repair Station # ECLD465D

DATE 1-07-04
 SN 31-7405409
 MN PA-31-350

HOBBS 1441
 SMOH
 REG 371MC
 TT

*perform pitot static test per 91.411 and FAR 43 app. E
 satisfactory

The aircraft airframe, engine, propeller or appliance above
 was repaired, overhauled, X tested and inspected in
 accordance with current maintenance rules of the FAR's and is
 approved for return to service. Pertinent details of the work are on
 file under Work Order No 0014, Dated 1-07-04

Authorized Signature *[Signature]*

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MID-CONTINENT INSTRUMENTS

Altimeter Scale Correction Card
 Altimeter S/N 2577
 Part No. 8140B-30

Reference Altitude in Ft.	Altimeter Reads	Reference Altitude in Ft.	Altimeter Reads
-1000	-1020	14000	13980
0	-20	15000	14985
500	500	16000	16000
1000	980	18000	18000
1500	1500	20000	20030
2000	1980	22000	22050
3000	2980	25000	25050
4000	3970	30000	29970
5000	4970	35000	
6000	5970	40000	
8000	7970	45000	
10000	9960	50000	
12000	11970		

Tested By: FS 2537 Inspector: [Signature] Date: 1/6/04

MID-CONTINENT INSTRUMENT CO. INC.
 9400 E. 34th St. North
 Wichita, KS 67226 USA
 Tel 800-821-1212 • 316-630-0101
 FAA Repair Station # OL2R061L

MID-CONTINENT INSTRUMENTS WEST
 16320 Stagg Street
 Van Nuys, CA 91406 USA
 Tel 800-345-7599 • 818-786-0300
 FAA Repair Station # OL2D061L


This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 35000 ft.
 PNs 9740A-1A86 SN 0D322
 WO# 29105 DATE 1/6/04
 Inspection [Signature]
 Altimeter Type: Encoding Standard
 Mid-Continent Instrument Co. - Wichita, KS
 Mid-Continent West - VanNuys, CA

This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 30000 ft.
 PN 8140B-30 SN 2577
 WO# 29102 DATE 1/6/04
 Inspection [Signature]
 Altimeter Type: Encoding Standard
 Mid-Continent Instrument Co. - Wichita, KS
 Mid-Continent West - VanNuys, CA


DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
------	---------------------	---------------	-----------------------	--


DATE 1-30-03 HOBBS 1275 REG N371MC
 SN 31-7405409 SMOH TT 10774
 MN PA-31-350 TACH
 Install new fire extinguisher, replace cabin door seal, p/n 187-542, remove right outboard fuel cell and replace with new fuel cell from piper (p/n 161-715), and gaskets (p/n's 755-016, 755-017, 70555-000, 72470-000), filled with fuel and no leaks found, these components approved for return to service, NEAL BOYLE IA 358526112

 DATE 5-22-03 HOBBS REG N371MC
 SN 31-7405409 SMOH TT
 MN PA-31-350 TACH
 Piper Service Bulletin #1125 researched and DNA this date, trim wheel not replaced, NEAL BOYLE IA 358526112

 DATE 7-15-03 HOBBS 1350 REG N371MC
 SN 31-7405409 SMOH TT 10849
 MN PA-31-350 TACH
 *remove left and right instrument gauges and replace with new gauges
 *right engine gauge p/n 1U378-ID2340 S/N T7740A
 *left engine gauge p/n 1U378-ID2340 S/N T7739A
 *aircraft test flown and all readings constant and normal
 Neal Boyle IA 358526112


DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
------	---------------------	---------------	-----------------------	--

DATE 9-17-03 HOBBS 1375 REG N371MC
 SN 31-7405409 SMOH TT 10874
 MN PA-31-350 TACH
 *lube tach drive cables for left and right engines
 *remove and clean down lock links for milg and reinstall in same positions, retract test performed per service manual
 *aircraft test flown and all tachometer readings constant and normal
 landing gear ops test ok
 Neal Boyle IA 358526112


 DATE 10-24-03 HOBBS 1397 REG N371MC
 SN 31-7405409 SMOH TT 10897
 MN PA-31-350 TACH
 *repair leaks in both main wing de-ice boots and left h-stab using BF Goodrich repair kit p/n 74-451AE
 ops test ok, Neal Boyle IA 358526112


DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19			

DATE 10-18-02 HOBBS 1239 REG N371MC
 SN SMOH TT 10765
 MN PA-31-350 TACH
 REPLACE R.E. CIRCUIT BREAKER FOR FUEL BOOST PUMP, P/N 454656. FINISH INSTALLING INTERIOR ON RETURN FROM AVIONICS SHOP, THIS COMPONENT APPROVED FOR RETURN TO SERVICE,
 NEAL BOYLE IA 358526112

NEB

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE 10-18-02 HOBBS 1252 REG N371MC
 SN SMOH TT 10765
 MN PA-31-350 TACH
 REPLACE HEATER FUEL REGULATOR P/N CD20801 S/N 0091, TEST HEATER AND APPROVED FOR RETURN TO SERVICE, NEAL BOYLE IA 358526112

NEB

DATE 11-14-02 HOBBS 1267 REG N371MC
 SN 317105409 SMOH TT
 MN PA-31-350 TACH
 Replace burn out tel-tail lite, repair short in recon lites, replace cabin lite lamps, these items approved for return to service,
 NEAL BOYLE IA358526112

NEB

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				

DATE 12-17-02 HOBBS 1270 REG N371MC
 SN SMOH TT 10774
 MN PA-31-350 TACH
 Repack all wheel bearings and lube and inspect landing , perform retraction test and adjust nose gear linkage per service manual, inspect and check elt per 91-207D, batteries due 03-04, elt remote battery replaced next due 12-04, replace brake caliber "O" rings and brake pads, bleed brakes, replace broken alternate air door return spring on left engine, replace both hydraulic filters and left hydraulic filter tension spring, reposition alternate air and throttle cables for smoother operation and lube cables, cw the following recurring ad'S 2000-25-01 (mlg doors) next due at 1370, 96-12-12 (vertical fin spar) next due 1370, see current AD list this date for complete AD compliance, I certify that this airframe has been inspected in accordance with an Piper : and found to be in airworthy condition
 NEAL BOYLE IA 358526112



Enterprise Airlines Inc
 Oshawa, ON, Canada
 AMO# 54-00

Date: November 13, 2002 Our Work Order #:

- RH CHT wire in engine compartment replaced in
- LH engine cluster indicator canon plug tightened

The described maintenance has been performed in airworthiness requirements.

Signed: *[Signature]* Lic:#

HAZARDOUS MATERIALS SHIPPING PAPER

Account Number 451-039	Emergency Contact Number 800-424-9300
Reference Number 1400	Passenger / Cargo XXXXX XXXXX
Hazardous Materials Description and Quantity Fire extinguishers, 2.2, UN1044, 1.5876kg	

COPY

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE 8-8-02 REG N371MC
 SN 317405409 TT
 MN PA-31-350
 HOBBS 1236
 SMOH
 TACH
 PERFORM LANDING GEAR RETRACTION TEST AND SERVICE HYDRAULIC RESERVOIR, A/C TEST FLOWN AND APPROVED FOR RETURN TO SERVICE
 NEAL BOYLE IA 358526112

Signature

DATE 09-06-02 REG N371MC
 SN 317105409 TT
 MN PA-31-350
 HOBBS 1247
 SMOH
 TACH
 TROUBLESHOOT ALPHONE PROBLEM AND REPLACE CIRCUIT BREAKER P/N 454-656, THIS ITEM APPROVED FOR RETURN TO SERVICE, NEAL BOYLE IA358526112

Signature

DATE 08-19-02 REG N371MC
 SN J2BD TT
 MN LTIO-540-
 HOBBS 1239
 SMOH
 TACH
 TROUBLESHOOT R.E. MANIFOLD PRESSURE FOUNFD AND REPAIR INTAKE LEAK, CHECK CHARGING SYSTEM GAUGES, REPLACE LEAKING QUICK DRAIN ON LEFT MAIN FUEL TANK,, GROUND RUN ENGINE, NEAL BOYLE IA358526112

Signature

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



1661 Airport Road
 Waterford, MI 48327-1304 USA

Date 10/10/02

Reg. No. N371MC

Ser. No. 31-7405409

WO No. 14093

Hours NA

Repaired the wiring harness behind the pilot's instrument panel, replaced pins in the RMI connector, installed new molex connectors, and performed a general cleanup of the harness. Aligned the #2 VOR/LOC Converter, KN-77 S/N 3759. Repaired AP Power Supply, PS-815B S/N 2525X. Repaired instrument dimmer control, PAC-456731 S/N 80280818. Tested the systems to operate normal.

X	X	X	X
X	X	X	X

aircraft and/or component identified above was repaired and inspected in accordance with current air regulations and found airworthy for return to service

CRS OA5R086N *Signature*

DATE
19

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

DATE 06-12-02 REG N371MC
SN 31-7405409 SMOH TT 10731
MN PA-31-350 TACH
A/C Empty weight 5001.8
EWCG 123.79
EW Moment 6192102
Useful Load 1998.2
NEAL BOYLE IA 358526112

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE 06-12-02 REG N371MC
SN 31-7405409 SMOH TT 10731
MN PA-31-350 TACH
CW AD 'S #01-06-01 & 99-06-01 BY IN INSTALLATION OF
ELEVATOR BUTT RIB REINFORCEMENT KIT 766-642 ON
BOTH LEFT AND RIGHT ELEVATORS PER SB 1008, AND
INSTALLATION OF HORIZONTAL SPAR KIT 766-646 PAR
SB 1007N NO CHANGE IN WEIGHT AND BALANCE,
INSTALL DEVORE AVIATION "TEL-TAIL" FLODLIGHT
SYSTEM PER STC SA1008EA SEE UPDATED WEIGHT AND
BALANCE AND 337 FORM THIS DATE,
NEAL BOYLE IA 358526112

DATE
19



National Flight Services • 10971 E. Airport Service Rd.
Swanton OH 43558 • DSCR 311D

Alterations
= Number of
specific entries.)

N371MC	AC SN: 31-7405409	Hobbs: 1245.4	ACTT: 10758.4
Sept 4, 2002			

C/W AD 99-12-05 IAW SB 998A, No cracks found at this time. AD 2002-17-53 found to be N/A due to engine S/n's IAW table 1 of AD, and no applicable crankshafts installed IAW table 2 of AD. Ground run and leak check satisfactory, all work IAW Piper PA31-350 M/M unless otherwise noted. END

"MAINTENANCE RELEASE"

This aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was approved for return to service. Pertinent details of the repair/inspection are on file at this Repair Station under:

Stephen W. [Signature]

Authorized signature

62536

W.O. Number

DATE 7-19-02 HOBBS 1233 REG N371MC
SN SMOH TT 10746
MN PA-31-350 TACH

ADJUST DENSITY AIR CONTROLLER TO 43 INCHES OF
MANIFOLD PRESSURE, REPAIR CRACKS IN FIBERGLASS
COWLS, THIS COMPONENT APPROVED FOR RETURN TO
SERVICE, NEAL BOYLE IA 358526112

N371MC PA-31-350 SN 31-7405409

This airframe identified above was repaired and inspected in respect to upholstery in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Stoneledge Midnight, Heritage HT545, 3866 UL, 3862 UL. Pertinent details of the repair are on file at this repair station under work order dated: 3/26/02

Signed: Paul Ann 2558457
for Cameron Aircraft Interiors FG5R856M DuPage Airport,

ons, Tests, Repairs and Alterations

Name, Rating and Certificate Number of
(See back pages for other specific entries.)

MAINTENANCE RELEASE

The airframe, powerplant or appliance identified above was repaired and inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: 28974

A/C: N 371mc Hobbs/Tach Time: 1160.7
Signed [Signature] Date 4-11-02 for:

CHERRY CAPITAL AVIATION INC. FAA REPAIR STATION
EAOR432D AIRPORT ACCESS RD TRAVERSE CITY MI
(231) 941-1740

AF

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
March 14, 2002				Inst. Airbell Phone syst. per 337 MFG Doc/permits See 337/ICA dated 3/14/02
				MAINTENANCE RELEASE The airframe, powerplant or appliance identified above was repaired and inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this repair station under order no. <u>277</u> Date <u>3/14/02</u> Signed <u>M.R. EVANS</u> for Evans Avionics, L.L.C., Cherry Capital Airport, Traverse City, MI 49686, F.A.A. certified repair station no. E92R057X.

MAINTENANCE RELEASE

The airframe, powerplant or appliance identified above was repaired and inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: 28987

A/C: N 371mc Hobbs/Tach Time: 1180.5
Signed [Signature] Date 4-22-02 for:

CHERRY CAPITAL AVIATION INC. FAA REPAIR STATION
EAOR432D AIRPORT ACCESS RD TRAVERSE CITY MI
(231) 941-1740

AF

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				<p>DATE 2-20-02 HOBBS 1143 REG N371MC SN SMOH TT 10656 MN PA-31-350 TACH REPLACE 'O-RINGS IN LEFT MLG BRAKE CALIPER, BLED BRAKES, THIS COMPONENT APPROVED FOR RETURN TO SERVICE, NEAL BOYLE IA 358526112</p> <p><i>MB</i></p> <p>MAINTENANCE RELEASE The airframe, powerplant or appliance identified above was repaired and inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: <u>28920</u> A/C: N <u>371MC</u> Hobbbs/Tach Time: <u>1156.9</u> Signed <u><i>[Signature]</i></u> Date <u>3/4/02</u> for: <u>CHERRY CAPITAL AVIATION INC. FAA REPAIR STATION</u> <u>EAOR432D AIRPORT ACCESS RD TRAVERSE CITY MI</u> <u>(231) 941-1740</u></p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				<p>J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1 Repair Station #NF2R029L AIRFRAME LOG Type PIPER PA31-350 TT N # 371MC S/N 31-7405409 REC. HR. METER 1159 LOWER CABIN DOOR ENTRY STEPS BADLY CRACKED- REMOVED LOWER DOOR FOR REMOVAL OF FROZEN ATTACHING HARDWARE. REMOVED THE STEPS AND INSTALLED NEW TWO NEW STEPS P/N 44351-13 AND 44351-12. REINSTALLED THE LOWER DOOR ON THE AIRCRAFT RH BRAKE MASTER CYLINDER IS LEAKING- REMOVED MASTER CYCLINDER. DISASSEMBLED AND CLEANED. INSTALLED NEW GLAND P/N 751-890 AND NEW "O" RINGS P/N AN6227-14, AN6227-13, AN6227-7 AND AN6227-3. REASSEMBLED THE CYLINDER, REINSTALLED ON THE AIRCRAFT AND BLED THE BRAKE SYSTEM. LEAK CHECKED AND CHECKED FOR PROPER OPERATION. THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W.O. # <u>10492</u> DATE <u>3-23-02</u> SIGNED: BRUCE P. REBECHINI <u><i>[Signature]</i></u> For J.A. AIR CENTER, DUPAGE AIRPORT, W. CHICAGO, IL 60185 F.A.A. APPROVED REPAIR STATION #NF2R029L</p>

MAINTENANCE RELEASE

The airframe, powerplant or appliance identified above was repaired and inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: 28835

A/C: N 371 MC Hobbs/Tach Time: 1110.0
 Signed [Signature] Date 1/9/02 for:

CHERRY CAPITAL AVIATION INC. FAA REPAIR STATION
EAOR432D AIRPORT ACCESS RD TRAVERSE CITY MI
 (231) 941-1740

Inspections, Tests, Repairs and Alterations

ed with Name, Rating and Certificate Number of acility. (See back pages for other specific entries.)

ANNUAL

AF

C/W A.D.	54-26-02	PART (a) REPLACEMENT OF PROPER INDUCTION AIR FILTER ON BOTH RT & LT ENGINES
C/W A.D.	93-23-13	REPLACED BAFFLE SEALS AS NEEDED ON BOTH RT & LT ENGINE.
C/W A.D.	00-18-53	PARA (a) IAW LYCOMING SB 543A SUPPLEMENT #1 § 5E1453 ON BOTH RT & LT ENGINE

MAINTENANCE RELEASE

The airframe, powerplant or appliance identified above was repaired and inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: 28856

A/C: N 371 MC Hobbs/Tach Time: 1111.1
 Signed [Signature] Date 1/22/02 for:

CHERRY CAPITAL AVIATION INC. FAA REPAIR STATION
EAOR432D AIRPORT ACCESS RD TRAVERSE CITY MI
 (231) 941-1740

Inspections, Tests, Repairs and Alterations

dorsed with Name, Rating and Certificate Number of air Facility. (See back pages for other specific entries.)

AF

MAINTENANCE RELEASE

The airframe, powerplant or appliance identified above was repaired and inspected in accordance with current regulations of the F.A.A. and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: 28881

A/C: N 371 MC Hobbs/Tach Time: 1138.4
 Signed [Signature] Date 2/12/02 for:

CHERRY CAPITAL AVIATION INC. FAA REPAIR STATION
EAOR432D AIRPORT ACCESS RD TRAVERSE CITY MI
 (231) 941-1740

C/W 50 HOUR INSPECTION

AF

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

The static system tests required by FAR 91.411 and FAR 43 appendix "E" have been satisfactorily performed.

The Integrated Altitude Reporting System tests required by FAR 91.411 and FAR 43 appendix "E(a)" have been satisfactorily performed.

The ATC Transponder test and inspection required by FAR 91.413 and FAR 43 appendix "F" have been satisfactorily performed:

#1 Transponder Model KING KT76A S/N 24337

#1 Transponder Model N/A S/N N/A

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 Ma. R. Evans W.O.# 154 DATE 11/16/01

Evans Avionics, L.L.C., Cherry Capital Airport
 Traverse City, MI 49686, F.A.A. certified repair station no. E92R057X

22

DATE 11-01-01 HOBBS 1109 REG N371MC
 SN SMOH TT 10622
 MN PA-31-350 TACH

I certify that the following ad's have been complied with, see current ad list for recurring times and actions taken,
 82-17-13R2, inspection of flap cable and transmission
 96-12-12, inspection of vertical fin spar per SB 636A
 98-08-18, spring 71056-003 installed, link # 71086-003 installed at 1109 hobbs
 99-06-01, inspection of h-stabilizer rear spar
 99-12-05, inspection of elevator spar
 00-25-01, visual inspection of mlg door hinges
 01-06-01, para. F due at 100 hrs from may 8 2001
 96-20-07, pressure decay test of cabin heater
 01-17-13, visual and operational inspection of heater fuel regulator
 Paul Welke IA384543806

Paul Welke

Inspections, Tests, Repairs and Alterations
 endorsed with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

MID-CONTINENT INSTRUMENTS

Altimeter Scale _____ Altimeter S/N 2577
 Correction Card _____ Part No. 8140B-30

Reference Altitude In Ft.	Altimeter Reads	Reference Altitude In Ft.	Altimeter Reads
-1000	-1000	14000	19000
0	0	16000	16020
500	520	18000	18020
1000	1050	20000	20050
1500	1520	22000	22080
2000	2000	25000	25080
3000	3000	30000	29990
4000	3990	35000	
6000	6000	40000	
8000	7990	45000	
10000	9990	50000	
12000	12000		

Tested By: 577CN Inspector: [Signature] Date: 10/26/01

MID-CONTINENT INSTRUMENT CO., INC.
 9400 E. 34th St. North
 Wichita, KS 67226
 800-821-1212 • 316-630-0101
 FAA Repair Station #OL2R061L

MID-CONTINENT INSTRUMENTS WEST
 16320 Stagg Street
 Van Nuys, CA 91406
 800-345-7599 • 818-786-0300
 FAA Repair Station # OL2D061L

INSPECTOR [Signature]

Inspections, Tests, Repairs and Alterations
 with Name, Rating and Certificate Number of
 (List all work done on this altimeter in this section.)

9HOBBS HOURS 10,613 TT

BY INSTALLING NEW
 INK PN.71086-3,
 H WING ROOTS(SEE
 EL CELL WITH OVER-
 -3), REMOVE & IN-
 PN.454-656), REPLACE
 47732-002), REPLACE
 TED STATIC SYSTEM &
 SENT IN FOR OVERHAUL
 N TESTS(SEE FORMS
 M FOR LEAKS PER FAR
 FUEL QUICK DRAINS
 & LUBE ALL SYSTEMS
 ROD LOCKING ASSEMB-
 , REASSEMBLE AND

LOGBOOK ENTRY

DATE _____ N# _____ MODEL# _____ HOURS _____

REINSTALL. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
 IN ACCORDANCE WITH AN ANNUAL INSPECTION PER THE PA-31-350
 INSPECTION CHECKLIST (230 764) AND WAS FOUND TO BE IN AN
 AIRWORTHY CONDITION. (SEE AD COMPLIANCE SHEETS)

PAUL R WELKE
 A&P384543806AI

Paul R Welke

This altimeter has been inspected,
 tested, and certified to comply with
 FAR 91.411 per FAR 43 Appendix E
 to an altitude of 30,000 ft.
 PN 8140B-30 SN 2577
 WO# 547634 DATE 10/26/01

Inspection [Signature]
 Altimeter Type: Encoding Standard
 Mid-Continent Instrument Co. - Wichita, KS
 Mid-Continent West - VanNuys, CA

This altimeter has been inspected,
 tested, and certified to comply with
 FAR 91.411 per FAR 43 Appendix E
 to an altitude of 35000 ft.
 PN 5235PA-1A-86 SN 60822
 WO# 547635 DATE 10/26/01

Inspection [Signature]
 Altimeter Type: Encoding Standard
 Mid-Continent Instrument Co. - Wichita, KS
 Mid-Continent West - VanNuys, CA

Inspections
 per of
 entries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN CEUVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (Check boxes for all applicable entries.)
------	---------------------	---------------	-----------------------	--

LOGBOOK ENTRY

DATE 11/01/01 N# 371MC MODEL# 1109HOBBS HOURS 10,613TT

COMPLIED WITH SERVICE BULLETIN **SB626C** BY INSTALLING NEW ELEVATOR BUNGEE SPRING PN.71056-3, & LINK PN.71086-3, REPLACE ALL FLEXIBLE FUEL HOSES AT BOTH WING ROOTS(SEE AVIALL RELEASE), REPLACE RIGHT MAIN FUEL CELL WITH OVERHAULED UNIT PN.52778-009(SEE FORM 8130-3), REMOVE & INSTALL NEW TRANSPONDER CIRCUIT BREAKER(PN.454-656), REPLACE OVERHEAD PANEL LIGHT DIMMER SWITCH(PN.47732-002), REPLACE RIGHT NAV LIGHT LAMP(PN.A7512-24), TESTED STATIC SYSTEM & FOUND INTERNAL LEAKAGE IN BOTH VSI'S & SENT IN FOR OVERHAUL SENT BOTH ALTIMETERS IN FOR CALIBRATION TESTS(SEE FORMS 8130-3), REINSTALL & TEST STATIC SYSTEM FOR LEAKS PER FAR 91.411 & WAS FOUND AIRWOOTHY, REPLACE 3 FUEL QUICK DRAINS WITH PN.CCA1550, PERFORM RETRACT TEST & LUBE ALL SYSTEMS AS NECESSARY, REMOVE LEFT & RIGHT MLG ROD LOCKING ASSEMBLIES, DISASSEBLE, CLEAN UP CORROSION, REASSEMBLE AND

DATE	N#	MODEL#	HOURS	ations per of ntries.)
------	----	--------	-------	------------------------------

LOGBOOK ENTRY

REINSTALL. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER THE PA-31-350 INSPECTION CHECKLIST (230 764) AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. (SEE AD COMPLIANCE SHEETS)

PAUL R WELKE
A&P384543806AI

Paul R Welke

This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 30,000 ft.
PN 8140B-30 SN 2577

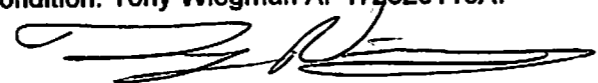
WO# 547634 DATE 10/26/01
Inspection AW

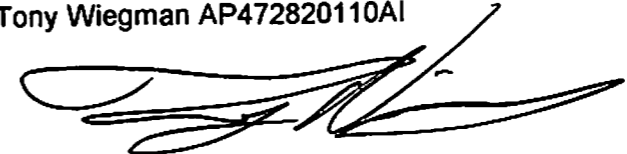
Allimeter Type: Encoding Standard
 Mid-Continent Instrument Co. - Wichita, KS
 Mid-Continent West - VanNuys, CA


This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 35000 ft.
PN 52351PA-1A-86 SN 0D922


WO# 547635 DATE 10/26/01
Inspection AW

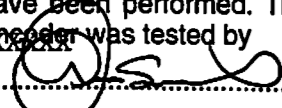
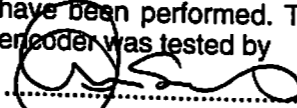

Allimeter Type: Encoding Standard
 Mid-Continent Instrument Co. - Wichita, KS
 Mid-Continent West - VanNuys, CA


DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	REG: 371MC Date: 3-31-99	Model: PA-31-350 hobbs: 892. T.T.: 10,396	S/N: 31-7405409	ions of es.)
				Clean aircraft, and check all fluids, battery, hydraulic, brakes. Check ELT for correct op's, found to be ok.			
				Check all flight controls and systems. Check all electrical systems. Replace the ground strap at the battery and tested.			
				Grease aircraft and pack all wheel bearings.			
				Replace Nose wheel with a new 600X6 Mich Air tire.			
				Do landing gear retraction test 5 times. Check all emergency systems and lights. Do retraction with the use of the hand pump twice, all systems normal. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition. Tony Wiegman AP472820110AI			
							

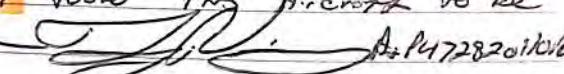
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
				REG: 371MC	Model: PA31-350 hobbs: 942. T.T.: 10446.	S/N: 31-7405409	
				Grease aircraft and check hydraulic fluids. Lube rollers on the up and down locks of the landing gear. Check brakes and brake fluid. Check all flight controls for freedom of movement and condition. Check all lights and electrical systems. I certify that this aircraft has been inspected in accordance with an 50 hr inspection and was determined to be in an airworthy condition. Tony Wiegman AP472820110AI			
							

DATE 19 <u>07</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>REG: N371 MC Model: PA-31-350 S/N: 31-7405409 Date: 8-23-1998 hobbs: 742. T.T.: 10,246.</p> <p>Grease aircraft and check hydraulic fluids. Lube rollers on the up and down locks of the landing gear. Check brakes and brake fluid, add fluid to brake res. Check all flight controls for freedom of movement and condition. Check all lights and electrical systems. Found landing light burned out, replace with a new 4596 bulb. I certify that this aircraft has been inspected in accordance with an 50 hr inspection and was determined to be in an airworthy condition. Tony Wiegman AP472820110AI</p> 

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>REG: N371MC Model: PA-31-350 S/N: 31-7405409 Date: 11-5-1998 hobbs: 792. T.T.: 10,296.</p> <p>Clean aircraft, and check all fluids, battery, hydraulic, brakes. Check ELT for correct op's, found to be ok. Had the attitude indicator overhauled by Southwest Instruments.</p> <p>Check all flight controls and systems. Replace prop De-ice boot on the left hand prop, and install new brushes in the prop De-ice system P/N 3E1443-7. Also replace the amp meter and push to test buttons for the charging system. Check all electrical systems. Grease aircraft and pack all wheel bearings. Replace up-lock bearings P/N 6NBF817YJ and grease. Do landing gear retraction test 5 times. check all emergency systems and lights.</p> <p>Do retraction with the use of the hand pump twice, all systems normal. Also replace wiper blade P/N 452-918. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition. Tony Wiegman AP472820110AI</p> 

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>I certify that the altimeter/altitude encoder & static system tests required by FAR Part 91.411 in accordance with FAR 43, App. E have been performed. The altimeter/altitude encoder was tested by </p> <p>on 4/14/98 to 35000 ft. For: Superior Aviation, Inc. 250 Riverhills Road 5934PA-1 Kingsford, MI SN0D322 Repair Station #EATR437D</p> <p>I certify that the altimeter/altitude encoder & static system tests required by FAR Part 91.411 in accordance with FAR 43, App. E have been performed. The altimeter/altitude encoder was tested by </p> <p>on 4/14/98 to 35,000 ft. For: Superior Aviation, Inc. 250 Riverhills Road 8140B-30 Kingsford, MI SN2094 Repair Station #EATR437D</p> <p>I certify that transponder KING..... Model ...KT76A.....S/N...24337..... and system have been tested and inspected as required by FAR 91.413 in accordance with FAR 43, App. F. Details are on file at this agency under Work Order No. 7272 Date 4/14/98 Signed  For: Superior Aviation, Inc. Ford Airport Iron Mountain, MI Repair Station #EATR437D</p>

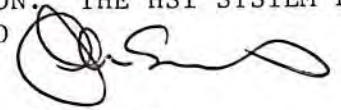
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/24	592.		10,096.3	<p>Total time)) Greased landing gear, Removed Bolts in R/L Landing)) Gear drag links and lubed up. Install links and adjust.)) Grease all wheel Bearings, check Aircraft Batt.)) water looked good. check E.L.T. looks good. check)) all Flight controls and systems, lights, check Brakes)) and Brake Fluid level, Hydraulic Res. cycle gear)) and test Emergency system, Hairs and lights. I)) Certify that this Aircraft has been inspected in)) accordance with an 100/annual inspection and was)) determined to be in an Airworthy Condition))  A1472820/16/98))</p>

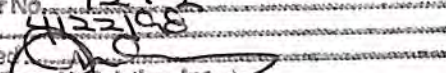
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 98				
1-5-98	542.0 542.0		10,046.3	96-10-14 was complied with B4 installing new parts 85166-02 and 85166-03 all work was done in accordance to service manuals and S.B. 845A. 96-10-15 complied with Ealon when 80-14-06 was done and S.B. 647A, found the aircraft to be in an Airworthy Condition.  A-1472820102E;

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				

LOG BOOK ENTRY N731MC

2/22/98 HOBBS 585.7 REMOVED AND REPLACED DEFECTIVE PILOT'S SG832C REMOTE GYRO PN4000869-3201 W/OH EXCHANGE UNIT SN1875. RE-INSTALLED PILOT'S IN831A HSI PN4000172-8513 SN3654 AFTER MID-CONTINENT INSPECTION. THE HSI SYSTEM FUNCTION CHECKED GOOD. FOR CRS EATR437D



The Aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 12343
 Date 1-22-98
 Signed 
 For: Superior Aviation, Inc.
 Ford Airport
 Iron Mountain, MI
 Repair Station #EATR437D

DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G. Hobbs	Useful Load	Remarks
19 97 8-18	9972.3		492.0		
		Brought time forward from log Book 5. also installed new wiper motor from Piper's Airmarine P/W XW 801736-2 9/2 78439. Installed with new hardware, and wiring connecting, also removed nose gear trunion and sent into S+B industries to be repaired. Installed rebuilt trunion according to Aircraft specs. installed new seats and serviced strut, with Swole and Air, did 5 retract test and found to be in an Airworthy Condition. <i>[Signature]</i> A472820110 AS.			
9-1-97	9981.3		Solo		
		Change Brake Pads on R/H wheel install 6 new Lab-033 Brake Pads. Install new oil seals on R/H calipers, service Brake Res. with Swole Brake fluid. found Brakes to be o.k. for service. <i>[Signature]</i> A472820110 AS.			

DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G.	Useful Load	Remarks
19 97 10-25	542.0				
		checked all aircraft controls, Greased wheel bearings, and aircraft, serviced aircraft Bath. and changed Bath. checked landing gear system, Adjusted main gear on R/H side down a 1/4" so it would not lift so high, and adjusted the left side up 1/4"-1/2" to get more lift in the uplock, also adjust nose gear, over center linkage and up lock height, cycled gear 12 times and checked fluid levels in Hydraulic Pack. I certify that this Aircraft has been inspected in accordance with the FAA inspection list and so per inspection and was determined to be o.k. for service. <i>[Signature]</i> A472820110 AS.			

log # 6

Annual was completed 5-97

Aircraft Record General Information

1

Manufacturer Piper

Model PA-31-350

Serial 31-7405409

Registration Number 371 me

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Lycoming

Model TIO 540 J280 Serial _____

Manufacturer Lycoming

Model LTIO 540 J280 Serial _____

Propeller(s) currently installed:

Manufacturer _____

Model _____

HUB Model _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____

Serial _____

N371MC

AIRCRAFT LOG No. 5



AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	9872.3	392.0	
7-17-97		9922.3	342.0	Greased landing gear Bentley. And Brakes, checked all lights Freedom of movement And condition, I So HR inspect And was found to be
8-18-97		9972.3	492.0	checked And cleaned F.L.T. for correct op's, checked Flight Instruments aircraft, Do Retraction Test And Emergency Flight controls, complied with A.D. 96-2103 that this Aircraft has been inspected in to be in an Airworthy Condition
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
And aircraft, checked all fluid levels, in Hydraulic, SVS, etc. And Aircraft systems, checked all flight controls for certify that this Aircraft has been inspected for an in an Airworthy Condition <i>[Signature]</i> AIP4728201602.		
Aircraft Interior, checked all seat belts, checked And Radios, checked all lights, Greased landing gear And Systems, service Aircraft Bunk. And Hydraulic systems check all on Airman Higher Bracket, by inspecting of syst. I certify accordance with an current inspect. And was found <i>[Signature]</i> AIP4728201602.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	9772.9	292.6	
11-14-96		9822.9	342.6	Complied with A.D. done in accordance with S.B. 636-A also check all fluid levels And found this aircraft to be in on Airworthy
3-24-97		9845.9	365.6	Send wiper motor into Pifer's new o-rings on unit P/W MS-28775-222, of the Hydraulic system. Adjust L/H door so P/W SSS-399 Install with new belt, And Charge system
Total To Carry Forward				Aircraft is in on Airworthy Condition

and Remarks	Signature	Certificate No.
96-12-12, Inspection of denticle via was And was found not to have any cracks, check all lights, And controls, Greased gear Condition <i>[Signature]</i> 47282010/2-		
for repair, Remove L/H Brake calipers And install do landing gear retracted test, And check settings it closes tighter. Install new Aircraft Pump on R/H Eng. according to manufacturer's specs. I certify that this <i>[Signature]</i> 47282010/2-		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	.		
6-6-96		9649.3	169.0	It Removed R/H Attitude Gyro
	In 9008 And Install overhauled unit 5000 F-6 S/N 52736F			
	Gyro, also installed new 8-Day Clock, I. certifying			
	that these instruments were av. for service.			
				<i>[Signature]</i> 47282011042
Total To Carry Forward				

LOG BOOK ENTRY N371MC

06/12/96 Hobbbs 198.4 Removed existing King KN65 DME system and KN74 RNAV system. Installed in accordance with manufacturers instructions, Bendix/King KN64 DME. Recomputed the aircraft weight and balance and revised equipment list. For CR# EATR437D.

[Signature]

The Aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 6512
 Date 6/12/96
 Signed *[Signature]*
 For: Superior Aviation, Inc.
 Ford Airport
 Iron Mountain, MI
 Repair Station #EATR437D

ite No.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading
	This Date	Total	
	Brought Forward →	9606.3	126.0
4-30-96		9622.9	142.6
<p>Complied with 50 HR Inspection Graded Landing Gear, Checked Brakes And Res. Check all Flight Controls And Surfaces, I certify that this Aircraft has been inspected for on an an ^{annual} inspection And was found to be in on Airway Condition</p> <p><i>[Signature]</i> 47282010AE</p>			
Total To Carry Forward			

This altimeter has been inspected, tested, and certified to comply with FAR 91.411 per FAR 43 Appendix E to an altitude of 35000 ft.
 PN 8140B-35 SN 10383
 WO# 42579 DATE 4-8-96
 Inspection 19/23
 Altimeter Type: Encoding Standard
 Mid-Continent Instrument Co. Wichita, KS

Registration No. _____

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------

LOG BOOK ENTRY N371MC

04/10/96 Hobbs 156.9. Removed and replaced pilots encoding altimeter with overhauled exchange unit AeroMech 8140B-35 SN: 10383. Removed and replaced defective copilots altimeter with overhaul exchange unit United 5934PA-1 SN: 0D322. For CRS EATR437D.

The Aircraft and/or component identified hereon was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 6431
 Date 10 APRIL 96
 Signed [Signature] REPERA
 For: Superior Aviation, Inc.
 Ford Airport
 Iron Mountain, MI
 Repair Station #EATR437D

I certify that the altimeter/altimeter encoder & static system tests required by FAR Part 91.411 in accordance with FAR 43, App. E have been performed. The altimeter/altimeter encoder was tested by [Signature] REPERA on 10 APRIL 96 to 35,000 ft.
 For: Superior Aviation, Inc. United 5934PA-1
 Ford Airport SN: 0D322
 Iron Mountain, MI
 Repair Station # EATR437D

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-7-95	Brought Forward →	9603.2	122.9	
	Resealed and serviced nose strut.			
	Installed new gear warning horn.			
	<div style="border: 1px solid black; padding: 5px;"> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.</p> <p>Signed <u>[Signature]</u> for Kenosha Aero, Inc., Certificate No. KABR 076A</p> </div>			
Total To Carry Forward				

Registration No. _____

Signature	Certificate No.

TACH 126.0

KENOSHA AERO
9420 52nd Street
Kenosha, WI 53144
414-658-2025
FAX 414-658-0295
Airframe Log Book Insert

N371MC
22 Dec 95

Replaced diode for gear unsafe light. Landing gear retract test good.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Signed [Signature] for
Kenosha Aero, Inc., Certificate No. KABR 076A

74

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-25-95	Brought Forward →	9590.9 9591.2	110.9	REINSTALLED SERVICABLE BENDIX JHLH A+P 360362777
9-27-95		9595.4	115.1	REMOVED BENDIX POWER SUPPLY
9-30-95		9595.4	115.1	AIRCRAFT WEIGHT AT BISSUER PUT IN AIRPLANE FLIGHT MANUAL NEW E.W NEW MOMENT NEW C.G.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Roll SERVO AND COMPUTER AMPLIFIED. TEST OK		
FOR SERVICING AT UNDERWOOD INST. JHLH	A+P 360362777	
FLIGHT SERVICE. NEW WT + BALANCE FORM		
JHLH A+P 360362777		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-16-95	Brought Forward →	9591.2	110.9	REMOVED BENDIX BALL SERVO + FOR REPAIR. <i>J. Allen</i>
8-23-95		9591.2	110.9	SEE ENTRY STICKER →
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
COMPUTER AMPLIFIER AND SENT TO UNDERWOOD INST A+D 360362777		

KENOSHA AERO
9420 52nd Street
Kenosha, WI 53144
414-658-2025
FAX 414-658-0295
Airframe Log Book Insert

N371MC
23AUG95
HOBB: 110.9

Filled oxygen bottle. Inspected landing gear system.
Replaced micro switch on power pack for the inboard gear door.
Adjusted gear door micro switch, adjusted gear door tension. Retract test good. Test flight good.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.
Signed *Michael C. McClure* for
Kenosha Aero, Inc., Certificate No. KABR 076A

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-26-95	Brought Forward →	92.6	HOBBS	SEE NEW WT + BALANCE FOR P.O.H. LABELED WT + BAL WITH
6-25-95		95.75	A.T.T. 95.1	REINSTALLED OXYGEN BOTTLE HYDROSTATIC CO. DOT B959, WT + ELT ACK TECHNOLOGYS MODEL
Total To Carry Forward				

and Remarks	Signature	Certificate No.
OXYGEN BOTTLES REMOVED. COPY LOCATED IN OXYGEN BOTTLE REMOVED.	L.H.L.H.	A&P 360362777
AFTER HYDROSTATIC TESTING FROM PROFESSIONAL BALANCE CHANGED ACCORDINGLY. INSTALLED NEW E-01 S/N 17896 WITH PANEL DISPLAY.	L.H.L.H.	A&P 360-362777

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-14-94	Brought Forward →		56.7	
Total To Carry Forward				

Registration No. _____

KENOSHA AERO 10-14-94
 9420 52nd Street N371MC
 Kenosha, WI 53144 Hobbs: 56.7
 414-658-2025
 FAX 414-658-0295
 Airframe Log Book Insert

Installed new brake linings on left brake and installed servicable brake disc. Elt removed for repair.

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.
 Signed Michael L. Melloy for
 Kenosha Aero, Inc., Certificate No. KABR 076A

AIRCRAFT LOG

TYPE NAVAJO
 REG. N 371MC
 S/N 4984
 HOBBS 4984

MOBILAIR RADIO, INC.
BURLINGTON MUNICIPAL AIRPORT
P.O. BOX 534 / BURLINGTON, WI 53105

DATE 3/4/94
 W.O. # 4984
 T.T. _____
 TACH N/A

Airframe Log Book Insert

Mobilair Radio, Inc.
 Certified Repair Station CRS #NH5R067N

Date 3/4/94
 I certify that the static system checks required by FAR91.411 have been performed this date and found to comply with Part 43, appendix E, Paragraph a.

Signed Mike Voltl

THE ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR 43, APPENDIX F, TRANSPONDER.

MAKE KWLS MODEL KT 76A
 S/N 24337 DETAILS OF THIS INSPECTION ARE ON FILE AT THIS REPAIR STATION UNDER W/O 4984

DATE 3/4/94 MOBILAIR RADIO, INC.
 CRS #NH5R067N Mike Voltl

Mobilair Radio, Inc.

Certified Repair Station CRS # NH5R067N
 Encoder # 22486 Transponder # 24337

I certify that the automatic pressure altitude reporting system checks required by FAR91.411 have been performed this date 3/4/94 and were found

to comply with Part 43, appendix E, Paragraph C.

Signed Mike Voltl

Mobilair Radio, Inc. PILOT
 Certified Repair Station #NH5R067N

Altimeter S/N 22486
 Tested to 20,000 ft
 W/O 4984

I certify that the altimeter checks required by FAR91.171 have been performed this date 3-4-94, and were found to comply with part 43 appendix E Paragraph b.

Signed Mike Voltl

Mobilair Radio, Inc. CO-PILOT
 Certified Repair Station #NH5R067N

Altimeter S/N A862
 Tested to 20000 ft
 W/O 4984

I certify that the altimeter checks required by FAR91.171 have been performed this date 3-4-94, and were found to comply with part 43 appendix E Paragraph b.

Signed Mike Voltl

Altimeter Reads	Error	Altimeter Reads	Error
0	0	14,000	-20
500	0	16,000	-40
1,000	0	18,000	-60
1,500	-10	20,000	-70
2,000	-10	22,000	
3,000	-5	25,000	
4,000	-10	30,000	
6,000	0	35,000	
8,000	0	40,000	
10,000	0	45,000	
12,000	-10	50,000	
HY 50%	-30	HY 40%	-20
After Effect		-20	

Altimeter Reads	Error	Altimeter Reads	Error
0	0	14,000	-40
500	0	16,000	-40
1,000	5	18,000	-30
1,500	5	20,000	-35
2,000	10	22,000	-45
3,000	0	25,000	
4,000	0	30,000	
6,000	-20	35,000	
8,000	-30	40,000	
10,000	-40	45,000	
12,000	-40	50,000	
HY 50%	-45	HY 40%	-60
After Effect		0	

cate No.

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
	This Date	Total					
3/10/93	Brought Forward →			PERFORMED ANNUAL INSPECTION AS PER PIPER PA 31-350 INSPECTION CHECK-LIST. C/W PIPER S/L 755C, LUBRICATION OF LANDING GEAR ACTUATOR ROD & ROD-END BEARINGS & SLIDE TUBE INSP. C/W PIPER A.D. 82-27-13R2 WING TRAP TRANSMISSION INSPECTION AS PER S/B 499B. C/W PIPER A.D. 82-27-13R2 FLAP FLEXIBLE DRIVE-SHAFT ASSEMBLIES, AS PER S/B 739. REPLACED VACUUM FILTERS L&R. C/W PIPER A.D. 92-27-05, COLOR CODING OF L&R AIRCROW BELLCRANK-BALANCE CABLE CONNECTION. C/W JAWITROC A.D. 82-07-03, BURNER CAN DECAY TEST, (DUE AGAIN) HEATER HUBS: (2596.0). CLEANED UP CORROSION ON R/STABILIZER MAIN GEAR DOOR & RE-PAINTED - REPLACED E.L.T. ANTENNA - OPERATIONAL CHECK O.K. REPLACED PARTS OF FLOOR CARPET WITH NEW CARPET SUPPLIED BY CAMERON AIRCRAFT INTERIORS. A.D.'S CHECKED FOR COM-PLIANCE AS APPLICABLE THRU 93-03. REPLACED R/STABILIZER DE-ICE BOOT WITH NEW BOOT ASSY.			
T.T.A.F.:	9325.05						
T.S.M.O.H.:	1217.65 (4/ENG)						
T.S.M.O.H.:	531.90 (R/ENG)						
T.S.O.:	.0 (L/PROP)						
T.S.N.:	.0 (R/PROP)						
2596.0	Heater Hubs						
Total To Carry Forward							

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

AP 2630956 SJA

3/10/93

AIRCRAFT LOG

Registration No. N371MC

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
	This Date	Total					
9-21-92	Brought Forward →						
TRAF:	9227.45			PERFORMED VISUAL INSPECTION AS PER PIPER PA 31-350 INSPECTION CHECK-LIST. C/W PIPER S/L 755C, LUBRICATION OF LANDING GEAR DOWN-LOCKS & SLIP-PLATES & ROD ENDS, C/W A.D. 82-27-13R, WING FEEL TRANSMISSION INSPECTION			
TSMDH:	1120.05 (L/ENG)			AS PER S/B 494B. RE-SEALED HYDRAULIC BRAKE CALIPERS. REPLACED ALL BRAKE LININGS L & R. C/W			
TSMDH:	434.30 (R/ENG)			TEST - CHECKED GOOD (HEATER HOUSING: 2432.0), DUE AGAIN AT HEATER HOUSING: 2532.0.			
TSOH:	1548.45 (L/PROP)			REPLACED VACUUM INLET FILTERS. REPLACED HYD. FILTERS L & R. AIRCRAFT JACKED UP & RETRACTION TEST COMPLETED. A.D.'S CHECKED FOR COMPLIANCE AS APPLICABLE THRU 92-18.			
TSOH:	1548.45 (R/PROP)						
Total To Carry Forward							

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

[Signature]
A263809565

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading
	This Date	Total	
Brought Forward →			

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411 IAW FAR 43, APPENDIX "E" HAVE BEEN PERFORMED:

PARA (A) STATIC SYSTEM DATE 2/19/92

PARA (B) ALTIMETER(S) DATE 2/19/92

TESTED TO 29,000 FEET.

MAKE AERO MECH 914082A 22486

MAKE N/A S/N

PARA (C) INTEGRATED SYSTEM DATE 2/19/92

SIGNED William H. Allen

N371MC WAUKEGAN AVIONICS, CRS W0GR619K
PILOT WAUKEGAN AIRPORT, WAUKEGAN, IL

ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.413 IAW FAR 43, APPENDIX "F" HAVE BEEN PERFORMED.

MODEL KT 76A SN 24337

SIGNED William Allen DATE 2/19/92

WAUKEGAN AVIONICS, CRS W0GR619K
WAUKEGAN AIRPORT, WAUKEGAN, IL

Total To Carry Forward			
------------------------	--	--	--

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.411 IAW FAR 43, APPENDIX "E" HAVE BEEN PERFORMED:

PARA (A) STATIC SYSTEM DATE 2/19/92

PARA (B) ALTIMETER(S) DATE 2/19/92

TESTED TO 25000 FEET.

MAKE NATED 5832A A 862

MAKE N/A S/N

PARA (C) INTEGRATED SYSTEM DATE 2/19/92

SIGNED William H. Allen

W-pilot WAUKEGAN AVIONICS, CRS W0GR619K
N371MC WAUKEGAN AIRPORT, WAUKEGAN, IL

Registration No. N371MC

and Remarks	Signature	Certificate No.
6-8-92		
TRAF: 9127.45		
TSMOH: 1020.05 (L/WAC)		
TSMOH: 334.30 (R/ERIC)		
TSOH: 1448.45 (L/PROP)		
TSOH: 1448.45 (R/PROP)		

PERFORMED ANNUAL INSPECTION AS PER PIPER PA31-350 INSPECTION CHECK-LIST. C/W PIPER S/B 755C, LANDING GEAR ACTUATOR ROD & ROD-END REMAINING SLIDE-TUBE INSPECTION. C/W PIPER S/B 739 (A.D. 82-27-13R2), INSPECTION OF FLAP DRIVE SHAFT. C/W PIPER S/B 494B, (A.D. 82-27-13R2). OXYGEN BOTTLE REMOVED FOR HYDRO-STATIC TEST - REINSTALLED & SERVICED WITH OXYGEN - NO LEAKS NOTED, NEW DUE DATE 6-95. REPLACED R/MAIN WHEEL & TIRE ASSY. RE-SEALED L/MAIN FUEL TANK DRAIN. REPLACED 1 STATIC WICK ON RUDDER.

(CONT. NEXT PAGE)

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/18/91	Brought Forward →			
Act. 9021.45	Removed Taitel heater blower/meter assembly P/N 758-000 S/N 108A 08859 Installed unit P/N 758-000 S/N 4015. Checked operation found OK, C/W AD 82-07-03 Taitel Heater by compliance with 100 hr. Recog test per Taitel Maintenance Manual P/N 74F25-1 Dtd Oct. 1987 heater found in airworthy condition HTM Recd 2322. C/W with AD next due at Hobbs meter reading 2422. — End —			
				Ally W. Short
				ATL 341488713
Total To Carry Forward				

and Remarks	Signature	Certificate No.
1-13-92 C/W A.D. 82-27-13R2, AS PER PIPER		
TAF: 9033.0 S/B 494B, WING FLAP TRANSMISSION INSPECTION, CHECKED GOOD AT THIS TIME.		
	<i>Donald H. [Signature]</i>	
	ASP 263809565-107	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-21-91	Brought Forward →	8793:15	—	RIGHT ENG TSO. "0" —
				LEFT ENGINE TSO 699:50. I CERTIFY THAT
				THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE
				WITH AN ANNUAL INSPECTION AND DETERMINED
				TO BE IN AIRWORTHY CONDITION; E. W. Washburn
				I.A. 1671339.
5/29/91	Removed Pilot HSI Indicator			P/N 4000172-8513 S/N 3654 installed
A# 8799.05	Duncan Locom Unit			P/N 4000172-8513 S/N 3932 — End —
Total To Carry Forward				<i>E. W. Washburn</i> AIP 341488713

Registration No. _____

and Remarks	Signature	Certificate No.
7/8/91 A# 8824 Removed Duncan Locom HSI P/N 4000172-8513 S/N 3932		Installed
repaired unit P/N 4000172-8513 S/N 3654		Repaired by Duncan
Aviation WO# 5644 M flight checked unit found OK, removed		
and replaced RT from expansion valve P/N 492-192 at sponsor		
core evacuated system per Piper Manual Page 14-62 resealed		
system Page 14-64 after replacing dryer unit P/N 456-405		
checked from system operation on ground / flight checked found		
OK. — End —	<i>E. W. Washburn</i>	A# 341488713

AIRCRAFT LOG

Registration No. N 37171C

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	(Continued)	5/3/91	At 8793.15
				Battery box terminal strips P/N 14069-00, Reinstalled safety wire at Pilot control column at roller drochet attach bolts, Removed left/rt circulating fan assembly and cleaned + treated + painted corroded impeller housings, Repl'd RT circulating fan motor + impeller assembly P/N 14503009 S/W AWK, Tightened DME Power switch in center of panel, Repl'd screws + nuts at FWD entrance door cable and upper door actuator Rod attach point.
				Checked AD notes thru 91-07. — End — Jeffrey W. White AIP 341488713
Total To Carry Forward				

and Remarks	Signature	Certificate No.
5/21/91 Installed major overhauled Engine M/N LT10-540-T2BD At 8793.15 S/N RL-827-USA to RT side of aircraft, Engine overhauled by G+N aircraft INC. Job # 43612 at 5/15/91, Engine Lt Eng SMOH 00 installed using new load mount Kit P/N J-9613-29 and new engine to engine mount bolts P/N AN7-40 and new nuts P/N 32FL-720, ground run engine checked operation and checked for leaks found OK Engine found to be in airworthy condition and returned aircraft + engine to service this date. — End — Jeffrey W. White AIP 341488713		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/3/91	Brought Forward →			
Act 8793.15 L. Eng hrs. 699.50 SinoH	C/W 100 hr	Inspection per Piper Maintenance Manual Inspection Report Table III-I page 3-3 thru 3-9 found A/C to be in airworthy condition and returned to service this date, Lubricated A/C per Maintenance manual lubrication chart Fig. 2-10 page 2-29; C/W AD 82-27-13 R2 per S/B 494B flap Jackscrew wear check + S/B 737 Wing flap drive shaft + motor spline wear check, C/W S/L 755C Lubricate/inspect nose gear + main gear axle/bush sliding Rod end bearings, Performed normal/emergency extension + retraction check of landing gear, Service hydraulic power pack + bleed reservoir with 50cc hydraulic fluid, Cleaned + resealed fuel		
Total To Carry Forward				

(Continued on page 19)

Registration No. N3717MC

and Remarks	Signature	Certificate No.
(Continued 5/3/91 Act 8793.15) straw bowls, Repl'd hydraulic filter element at firewall area, Repl'd Vac pump inlet foam filter element of firewall, Removed cleaned + inspected + regreased nose + main wheel bearings, Checked all control surfaces + trim tab + aerodynamic control cable tension per autopilot manual, Checked operation of emergency exit window, The following squawks C/W; Repl'd Rt/ left lower + upper cowling flap clevis pins + Rod ends, Repl'd left aileron Inboard hinge bearing + Bolt bearing NW 452-386, Repl'd left aileron actuating rod rod end bearing NW 452-383, Repl'd Rt aileron actuating rod end bearing (FWO) NW 452-383, Removed + cleaned + resealed Rt wing outboard fuel venting unit (Corrosion), Cleaned + annealed + repaired + pointed corroded area of lower end of fuel's torque tube at fuel area, Replace air "IN" line 1 B. Then box venting system, Replaced Positive + Negative		

AIRCRAFT DESCRIPTION

Registration No. N 371MC

Model: PA 31-350 Popular Name: Navajo Chieftain

Serial No.: 31-7405409 Type Certificate No.: _____

Colors: Imron (Dupont) 8174 White 79039 Green 7498 Dk. Green

Engine Manufacturer: Lycoming Propeller Manufacturer: Hartzell

Original Engine Model: LTIO540 J2BD (LH) Original Propeller Model: HC-E3YR-2AFT/2ALET
LTIO540 J2BD (RT)

Serial Numbers: Single _____ Hub or Serial Number: Single _____

Left L-3087-CIA

Left ~~DJ6192~~ DJ0070A

Right RL-827-C8A

Right DJ1678

Blade Numbers

Left

Right

~~F50750~~ H54264
~~F48869~~ H54267
~~F50757~~ H54270

F31915
F29516
F29547

N371MC

7477HR - 3765HR

AIRCRAFT LOG *No. 4*



AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1/15/91	Brought Forward →			
At 8755				Removed A/C Battery P/W A-246 S/W AOC002139 Installed new Battery P/W A-246 S/W AOC002162 after fully charged up. — End — Jiffy Wellb AIP 341488713
2/4/91				C/W 100 hr Inspection per Piper Maintenance Manual Inspection Report Table III-I page 3-3 thru 3-9 found A/C to be airworthy condition and returned to service this date, lubricated A/C per maintenance manual lubrication chart Fig 2-10 page 2-29, removed and resealed nose strut barrel per Maintenance Manual page 7-2 paragraph 7-6, C/W 5/184948 Impact Flap Jackscrew plug, C/W 5/1755C Impact / Under uplock + Pinlock sliding and ends, C/W AD82-07-03 (Continued next page)
Total To Carry Forward				

Registration No. _____

93

and Remarks	Signature	Certificate No.
(Continued) 2/4/91 At 8765.20		
Decay test Combustion A/C heater found OK C/W AD 84-26-02 replaced Engine intake filter elements, Serviced main landing gear strut with fluid and nuttyger, Serviced hydraulic powerpack with high fluid, Bled RT/Lft lines due to water in reservoir changed reservoir and resealed reservoir cap. Performed normal + emergency landing gear extension and retraction test found OK — End — Jiffy Wellb AIP 341488713		
Note - This logbook closed see continuing A/C maintenance in log book started with 5/3/91 entry - Jiffy Wellb AIP 341488713		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9/14/90	Brought Forward →			
AT 8643.25	Removed	KPN066-4003-00 S/N 4743	Installed repaired	
	unit S/N 066-4003-00 S/N 2779	repaired by Addison Aviation		
	WO# 12169	End	Jeff W Ellis ATP 341488713	
9/25/90	CPW 100 hr	Inspection per Piper maintenance form Table III - I		
AT 8658.55	revised 10/26/73	maintenance manual pages 3-3 thru 3-9	A/C found to be in airworthy condition and returned to service this date.	
			The following maintenance CPW this inspection: Replaced LH/RH hydraulic pump filter elements, serviced hyd. Power pack +	
Total To Carry Forward		Brake reservoir, Replaced pneumatic form filter,	(Continued next page)	

Registration No. _____

and Remarks	Signature	Certificate No.
(Continued) 9/25/90 AT 8658.55		
changed/serviced A/C Battery, removed + cleaned + reseed fuel filter bowls,		
Performed Normal + emergency gear retraction/extension, CPW AD 89-22-05		
Hartzell propeller hub crack inspection per Hartzell S/B #165 found OK, CPW		
AD 82-27-13R2 Paragraph #3 Flap Transmission check per Piper S/B #494B,		
CPW AD 82-07-03 Jammed Hartzel Pacey check per Tornitrol Hartzel overhaul		
manual dated OCT. 1981 pages 8-14, CPW Piper S/L #755C		
Unblock/replace sliding seal and bearings	End	
	Jeff W Ellis ATP 341488713	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7/17/90	Brought Forward →			
Act. 8587.25	Removed Rt engine vacuum pump			S/N 442CW-6
	S/N 2AC54 Installed new pump			S/N 442CW-6
	S/N C8AD000711		End	
				Jeffrey W. Ellard AOP 341488713
7/27/90	Removed left main landing gear			INBD door actuator S/N 2924-3
AR 8597.20	S/N 3394 installed repaired/identified unit			S/N WTC 2114-1
	S/N WTC 5034 repaired by Wisbel Tool Co. INC			WO# 933
	Check extension/retraction of gear		found OK	End
Total To Carry Forward				Jeffrey W. Ellard AOP 341488713

Registration No. _____

and Remarks	Signature	Certificate No.
8/7/90 Removed left main wheel/tire and installed overhauled wheel P/N 40-102A S/N UNK with new tire installed wheel assembly overhauled by IMICENA personnel. — End —	Jeffrey W. Ellard	AOP 341488713
8/10/90 Removed Left detector P/N C52207-4 S/N 181231 325671 and replaced with new detector P/N C52207-4 S/N 325641 (safe flight INST. corp) applied power and verified stall warning system operation	Steven L. Dieck	AOP 392665912
— END —		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
(Continued)	Brought Forward →			
6/29/90	due at A# 8670.40			c/w Service bulletin #739 dated
A# 8570.40	March 1 1982			Part II + AD 82-27-13R2 paragraph 2 check of Flap flex driveshafts for wear found OK next due A# 9070.40, c/w AD 89-22-05 dated Oct. 20 '89 by c/w Hartzell Service bulletin #165 dated Oct 3 1989 check of Prop hub seals by grease fitting holes found OK next due A# 8620.40, AD note states checked thru report #90-12 Service bulletin states checked thru 987. — End —
Total To Carry Forward				

Jeffrey W. Elmer
A#P341488713

Registration No. _____

and Remarks	Signature	Certificate No.
6/29/90 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION: Elmer W. Washburn IA 1671339		
7/3/90 Removed left main landing gear uplock switch 1/2 A# 8573.15 487-562 3/4 work. installed new switch same part. old switch 3/4 work. check normal/emergency landing gear extension/retraction found to be OK. — End —	Jeffrey W. Elmer A#P341488713	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6/29/90	Brought Forward →			Complied with 100 hr Inspection this date
AT 8570.40				on airframe found to be in airworthy condition returned to service this date. C/w 100 hr Inspection per Piper Inspection form Table III-F Revised 10/26/73 Piper maintenance manual Page 3-3 thru 3-9, Checked Emergency egress operation, checked normal + emergency system and retraction of aircraft landing gear, cleaned + reinstalled with new seals fuel strainer filter elements + bowl, Serviced brake reservoir + hydraulic power pool reservoir with 5606E hydraulic fluid, Serviced and charged A/C battery, checked all cables + cable tension
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
per M/M Table VII + autopilot maintenance manual Section 9 Paragraph 51-55, Rerigged aileron per Piper M/manual Section 5 Paragraph 13 revised 3/11/81, Removed main landing gear wheel + nose gear nose wheel + cleaned + regreased all bearings, Repl'd nose wheel bearings P/N 13889 + Cup P/N 13836, checked brake linings + Discs for wear found OK, Serviced main + nose gear shock struts with fluid + nitrogen, Repl'd right main gear up lock actuator sliding rod end bearing dust boot P/N 453-206, lubricated Airframe + flight controls per lubrication chart Piper M/manual Fig 2-10 page 2-29 revised 10/26/73, C/w Service letter #755C gears/inspect main + nose gear uplock / downlock sliding rod ends, C/w Service Bulletin #494B + AD 82-27-13R2 (continued next page)		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/31/90	Brought Forward →			
A# 8549.05	Removed			Radar Antenna/RT unit m/w ART-161A s/n 7282 and Radar Indicator unit m/w IW-152A s/n 6846 and sent to Butler Aviation for repair. — End —
				Ally W 5/28/90 A#P 341488713
6/2/90	Installed			repaired Radar Antenna/RT unit m/w ART-161A s/n 7282 and Radar Indicator unit m/w IW-152A s/n 6846 repaired by Butler Aviation WO # 305719 — End —
				Ally W 5/28/90 A#P 341488713
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
5/22/90 A# 8528.45		
Removed left main gear down lock switch Assy P/N 487862 Installed new switch P/N 487862 s/n unknown. adjusted and checked gear extension & retraction per maintenance manual — End —	Ally W 5/28/90	A#P 341488713

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2-14-90	Brought Forward →			Complied with A.D. 82-07-3 (Ac 844245) Heater Hots 2043.0) / 80 hr insp of Jamtrol heater & including pressure decay test of combustion liner NEXT DUE 2143 on Hots Mc Millh A+P 1434125
2-16-90				Replaced heater combustion motor replaced (Ac 844245) Gyro press regulator PN 52367-00 Mc Millh A+P 1434125
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.171 IAW FAR 43, APPENDIX "E" HAVE BEEN PERFORMED:</p> <p>PARA (A) STATIC SYSTEM DATE <u>2/23/90</u></p> <p>PARA (B) ALTIMETER(S) DATE <u>2/23/90</u> TESTED TO <u>25,000</u> FEET.</p> <p>MAKE <u>HEROMECH 8140B-20</u> S/N <u>22486</u> MAKE <u>WINDED 5934PA</u> S/N <u>A862</u></p> <p>PARA (C) INTEGRATED SYSTEM DATE <u>2/23/90</u> SIGNED <u>George French</u></p> <p>WAUKEGAN AVIONICS, INC. C0346 WAUKEGAN AIRPORT, WAUKEGAN, IL W06269K</p>		
<p>ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.172 IAW FAR 43, APPENDIX "F", HAVE BEEN PERFORMED.</p> <p>MODEL <u>KING RT-76A</u> S/N <u>24337</u></p> <p>SIGNED <u>George French</u> DATE <u>2/23/90</u></p> <p>WAUKEGAN AVIONICS, INC. C0346 WAUKEGAN AIRPORT, WAUKEGAN, IL W06269K</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/19/89	Brought Forward →			
Act-8409.20	0-777	Per 9/74		Aircraft found to be airworthy and returned to service this date. C/w Service letter # 785C check/inspect/
				lube Nose gear + main gear uplock + down lock actuating rods.
				C/w AD 82-27-13R2 per Service Bulletin # 494B check of flap
				jack screws wear found OK checked fuel reserves at
				wing roots, checked + serviced brake + hydraulic power
				port reservoir, lube + grease A/c per Piper maintenance
				manual Fig 2-10 page 2-29. checked landing gear extension/
				retraction and emergency extension system. AD notes
Total To Carry Forward				checked thru 89-22 Piper Service Bulletin (continued next page)

Registration No. _____

and Remarks	Signature	Certificate No.
(continued) checked thru #877, C/w AD 89-22-05 dated 10/20/89 per		Hortgall
Service Bulletin # 165 dated Oct. 3 '89 no cracks found, required eyeball		
went in cabin area ——— End		
	Jeffrey W. Elliot	AOP 341488713
Jan 31, 1990 (T 8438:30)	Replaced R. H.	
Inermitic check valve	P 492-195	1424125 Millb A/P
Feb 13, 1990 (T 8442:45)	Replaced L.H.	
Pneumatic pump installed SN 7AD 598	Per 441CC-7	
Removed SN 74C 986	Millb A/P	1434125
Replaced 154-6 air Filter L.H.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/10/89	Brought Forward →			
AT 8376.0	c/w AD 89-22-05		dated 10/30/89	Hartzell Propeller per Hartzell S/B 165 Date 10/3/89 found no cracks in hub area next due in 50 hrs on AT 8426
			End	Jeffery Willett
			module A/P 341488713	322046-1
12/13/89	Installed B.F. Goodrich Kit 65-403 on left			eng prop de-ice, installed new brushes on right eng prop de-ice. W. Melb ATP 1434125
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
12/16/89 AP 8393.10 removed R engine fire extinguisher bottle P/N 30111102		
S/N 00230A1 installed overhauled/hydrostatic check bottle P/N 30111102 S/N 04111A1 overhauled/checked by Aero Electric WO#AE-5147		
Squib replacement due 12/94 and hydrostatic bottle check due at 12/98	End	Jeffery Willett
		ATP 341488713
1-8-90 Installed new Brush Block Assy Piper P/N 75 S-212 on R.H. engine		
W. Melb ATP 1434125		
A/C TIME 8420:30		(8422:45)
1-10-90 Purged oil line on R.H. side from engine to Pressure gage. Run up & leak check C.R.		W. Melb ATP 1434125

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9/14/89	Brought Forward →			
Act. T.T. 8314.05	Complied with 100 hr inspection to airframe per inspection form #0-777 Rev 9/74 found Aircraft to be in airworthy condition and returned to service this date, C/w Service letter #7556 stem/inspect/gears			
	Wass gear / main gear uplock + downlock actuating rod telescopic rods, Replaced Rt main gear uplock actuating sliding rod P/N 41949-003 checked operation found OK, C/w AD 82-27-13 R2 paragraph 3 + Service bulletin #4946 check of transmission gears were found OK, removed and closed engine fuel filter at wing roots.			
Total To Carry Forward				(continued next page)

Registration No. _____

and Remarks	Signature	Certificate No.
checked and serviced brake reservoir and hydraulic power pack reservoir, lubed 9 ground aircraft per Maintenance Manual Fig 210 page 2-29, checked landing gear normal/emergency retraction and extension system, AD notes checked thru 89-14 Service Bulletin checked thru 897. — End —		
	J. W. Elliot	
	APP 341988713	

65 ELT battery next due 7/92 AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9/1/89	Brought Forward →			
Act. 8299.36	Removed left main landing gear wheel / tire assembly			
	Installed overhauled wheel assembly PN 40-102A in work.			
	with new tire installed		End	
			<i>Jeff W. Elliott</i>	
			Att. 341488713	
7/13/89	Removed ELT battery pack installed new battery pack			
Act. 8312	PN R-88 checked operation found OK replacement			
	next due at 7/92		End	
			<i>Jeff W. Elliott</i>	
			Att. 341488713	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
9/14/89 Act. 8314.05 Removed lower HSF instrument Pilot's side		
PN 4000172-8513 S/N 3539 installed repaired unit PN		
4000172-8513 S/N 3654 checked operation in flight found		
OK. End	<i>Jeff W. Elliott</i>	
	Att. 341488713	
9-19-89 TT 8316.15		
Replaced RT gear door actuating cylinder		
PN WTL21147 (old SN 5038, new SN 9832)		
(Piper PO 455-961)	<i>W. Mark</i>	1434125

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6/7/89	Brought Forward →	8215.30		c/w Service letter #755C Lubrication of Propeller & replaced nose wheel / tire installed new nose wheel P/N 40-140 assembly P/N 5348000 overhauled by JMC Corp. personnel, installed bearings P/N 452-383, installed new Red end bearings to LH Prop actuating Red cover boots P/N 453-206, Replaced nose steering bellcrank lower Redden bellcrank attach bearing P/N 452-386, Repl'd loose Rivets Rt aileron bellcrank access panel, Tightened RH oil pressure indicator LH wing locker locking open and attach bracket, Repl'd all Fuel cap Gears
June 7 1989	8,215:30	AD 82-27-13R 5B 739, 5B 494B		Wing flap
June 9 1989	8,215:30	Engine's SMOH 122:25		J Certify
Total To Carry Forward				with an annual inspection and

Registration No. 371A-C

and Remarks	Signature	Certificate No.
and uplock sliding rods / rod end bearings, c/w AD 81-11-04 nose wheel inspection S/W work with new tire / tube installed, Installed alternate air box LH Engine new left main gear uplock actuating rods P/N 41947-003 with new rod end lock / RH uplock / RH downlock actuating Rods Red end bearings P/N 452-383 plus new Wt bearings P/N 14976-17 / P/N 21831-02 and attach bolt P/N AN6-31A, Repl'd on Top / bottom skin of LH / RH elevator + horizontal stabilizer, Repl'd loose Rivets at low B' under panel, repaired scratches in toilet seat mounting channel, Replaced O-rings RH / LH wing, Repl'd LH Brake Pads + bleed brakes, Serviced Hyd reservoir -		
drive cable and transmission checks / c/w and were found satisfactory		
that this aircraft has been inspected in accordance		
determined to be in Airworthy condition		

Repaired
 fuel gauges
 ADP 341465713
 ADP 424425
 J. Milk
 JA 1434125

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
(Continued 4/19/69) Act 5155.50	filter bowls & screens, lubricated A/C per lubrication chart Fig 2-10 page 2-28/2-29 paper Maintenance manual,			
	Replaced Rt main gear wheel & tire with new brake disc P/N 16444 installed on wheel, installed new Rt brake cylinder P/N 61-34 and new brake plate			
	arcs (3) P/N 75-5 and applied all Rt brake linings P/N 6-6-33. Lined brake and checked for leaks found OK,			
	Replaced Aft entrance door latch spring P/N 53827-00,			
	Replaced left main gear rubber bumpers at top of Trid gear well area Bumper P/N 47246-000,			
Total To Carry Forward				

(Continued next page)

Registration No. _____

and Remarks	Signature	Certificate No.
(Continued 4/19/69) 2P 5:50		
Reinforced left main gear bumper pad angle attach brackets, Repl'd numerous loose rivets left wing outer side of exhaust pipe area, reglued lower entrance door seal, Replaced FWD + aft rod end bearings P/N 452-383 of Rt aileron actuating rod, Repl'd prop door timer - model P/N 3F1150-3 S/P 61690 installed new gear timer timer P/N 3F1150-3 S/P 41051 checked operation found OK, Repaired broken oxygen bottle high pressure line serviced oxygen bottle checked for leaks found OK, Repl'd left main gear rod end actuating rod rod end bearing P/N 452-383 checked uplock clearance to uplock roller found OK.		
	J. J. [Signature]	47246-000

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7/18/89	Brought Forward →			
A.F. 8155.50	Removed Corner HSI instrument P/N 4000172-8503 S/N 4708			
	inst. repaired unit P/N 4000172-8513 S/N 3654 replaced by Pancon Aviation WOP91316. Removed Fast slow gear button in panel and installed new button P/N C# 7625			
	B9001B S/N M 8805/96-002 checked operation of button and found OK. — E.S.L. —			
				Jeffrey W. Elliott AAS 341458 713
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
4/19/89 performed 100 hr Inspection to Airframe per Inspection report A.F. 8155.50 Table III-I Piper maintenance manual page 3-3 and IMC inspection Form # O-777 per 9/74 found aircraft to be in airworthy condition returned to service this date. Following maintenance per the inspection; checked A/P out compliance thru 87-07, Service bulletin checked thru S/B 897, Performed landing gear extension/retraction check normal + emergency system, C/P Service letter NO. 755C check of downlock + uplock rod and bearings + rod slides, C/W AD 82-27-13R2 S/B 944B check wear of flap transmission jack screws, serviced fluid level of Brake reservoir / hydraulic pump reservoir, cleaned R/L fuel (found next page)		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2/15/89	Brought Forward →	TT 8093	Hobbs 0.0	Installed Induction
				Air Intercooler System Cowling Scoop Per
				5FC 5E 3177NM + 5TC 5A 3176NM AND
				IN ACCORDANCE WITH MANUFACTURERS INSTALLATION
				REPORT 87-1 APPENDIX A REV. N 4-8-88
				SECTION D, PARA. 1-5 AND FIGURE 1
				INSTALLATION IN ACCORDANCE WITH STANDARD
				PRACTICES PER AC 43.13-1A REVISED WEIGHT
				+ BALANCE DATA IN FLIGHT MANUAL
				SEE FORM 337 DATED THIS DAY
Total To Carry Forward				Lyle J. Lane ATP 64156209 IA

Registration No. _____

Airpower Aircraft Engines, Inc.
CUSTOM AIRCRAFT ENGINE REBUILDING
 MENA, ARKANSAS 71953 501-394-5946 1-800-874-1568
 C.R.S. NO. 265-31

Date: Feb. 15, 1989 Airframe TT: 8093 Hobbs: 00.0 Engine TT: LH-1638 RH-1638
 Removed LH engine model TIO-540-J2BD s/n L-3087-61A and RH engine model LTIO-540-J2BD s/n RL-827-68A due to run-out condition. Installed rebuilt LH engine model TIO-540-J2BD s/n L-3087-61A and rebuilt RH engine model LTIO-540-J2BD s/n RL-827-68A. Installed all new hoses and engine lord mounts. Filled crankcase with non-detergent Aeroshell oil. Ground run and flight check satisfactory and aircraft approved for return to service.

This aircraft engine or accessory was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 746-747

Date FEB 15, 1989

Signed Rickey Griffith

AIRPOWER AIRCRAFT ENGINES, INC.

P. O. Box 109
 Mena, Arkansas 71953

Certified Repair Station
 No. 265-31

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	—	CONT	SEP DRILLED CRACK IN BOTTOM RIGHT S/S EXHAUST PANS (BEHIND TO BE IN COMPLIANCE.
12-30-88		8083:40		Replaced "P" leads by splicing just aft of firewall. Color coded wires starting initiator white. New Bendix supplied
Total To Carry Forward				

Registration No. 371MC

and Remarks	Signature	Certificate No.
SKIN OF RT FLAT. REPLACED SEVERAL CHERRYMAN RIVETS AROUND LEFT ENGINE COWL FLAPS) AD STATUS CHECKED THRU 88-23 AND FOUND	<i>Kirk S. Swanick</i>	
I CERTIFY THIS Aircraft... has been inspected in accordance with the 100 Hour... AND THE... CONDITION	<i>Kirk S. Swanick</i>	
on both engine mag, M 27500 - 20 M 11708 wire as follows: left mag red, right mag green, end fittings used. Mr. Nicks A & P 14) 4125		

KIRK S. SWANICK
A & P 361402088 IA

AIRCRAFT LOG

Registration No. 37111C

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11-11-88	Brought Forward →	8026		REPLACED NOSE WHEEL ASSY WITH OVERHAULED UNIT, WHICH WAS STRIPPED, 24GLO INSPECTED, PAINTED & REASSEMBLED USING NEW TIRE AND TUBE (AD 81-11-04 CW).
12-7-88		8058:15		Replaced Flux gate supplied by Castelberry lno. 72973
12-7-88	-	8058.15		COMPLETED 100 HR INSPECTION: SERVICE RESERVOIRS, INSTALLED OVERHAULED LEFT PROWS, P/N 753-987. LUBED & CHECKED INSPECTED LANDING GEAR. CHECKED EXTENSION, RETRACTION & EMERGENCY EXTENSION. REPLACED INSTRUMENT FOAM FILTERS P/N B3-5-1. C/W SB
Total To Carry Forward				CHECKED ELECT. SYSTEM & FLT, CK. FLT

and Remarks	Signature	Certificate No.
UNIT, WHICH WAS STRIPPED, 24GLO INSPECTED, PAINTED & REASSEMBLED USING NEW TIRE AND TUBE (AD 81-11-04 CW).	<i>[Signature]</i>	
detector Bendix PN 400191-8502	KIRK S. SWANICK	A & P 361402088 IA
Removed SW 2342, installed SW 4969		AP 1424125 (12-7-88)
BATTERY. CHECKED STRUTS, BRAKES, TIRES, SHIMMY DAMPENER, HYDRAULIC MAIN WHEEL. DRAINED & CLEANED GASCOLATORS, REPLACED BOTH GASCOLATOR CABLES, PULLEYS, TURNBUCKLES, HINGLES, BEARINGS. CLEANED, LUBED & INSPECTED LANDING GEAR. CHECKED EXTENSION, RETRACTION & EMERGENCY EXTENSION. REPLACED INSTRUMENT FOAM FILTERS P/N B3-5-1. C/W SB		
755C ROD END INST, S/B 494B, AN 82-27-13 R2 PARA 3 TRANSMISSION CK.		
BATTERY EXPIRES SEPT 89. REPLACED STATIC WICK ON LEFT ELEVATOR		

AIRCRAFT LOG

Registration No. 371MC

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-21-88	Brought Forward →	7157		REPLACED RT MAIN WHEEL & TIRE ASSY. — End —
9-26-88		7962		COMPLETED 100 HR AIRFRAME INSPECTION USING MFG'S CHECKLIST (MC FORM O-777)
				SERVICED BATTERY, BRAKE RESERVOIR, CHECKED POWER PACK, STICKS, SHIMMY DAMPENER & BRAKES. DRAINED & CLEANED GASOLATORS. LUBED & CHECKED PULLEYS, CABLES, TURN BUCKLES, BEARINGS & HINGES. CLEANED, LUBED & INSPECTED LANDING GEAR. CHECKED EXTENSION, RETRACTION AND EMERGENCY EXTENSION. REPLACED INSTRUMENT FOAM FILTERS (B3-5-1) C.W. SB. 755C ROD END CHECK, S/B 494B FLAP TRANS. INSP. SEE AD/SB LISTS AT FRONT OF LOG. — End —
Total To Carry Forward				

and Remarks	Signature	Certificate No.
	<i>Kirk S. Swanick</i>	AP36140288A
<p>I CERTIFY THIS... <u>Aircraft</u> ... HAS BEEN INSPECTED IN ACCORDANCE WITH A. 100... <u>hour</u> ... INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION KIRK S. SWANICK A&P 36140288IA</p> <p><i>Kirk S. Swanick</i></p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-21-88	Brought Forward →	7157		REPLACED RT MAIN WHEEL & TIRE ASSY. — End —
9-26-88		7962		COMPLETED 100 HR AIRFRAME INSPECTION USING MEGR'S CHECKLIST (MC FORM 0-777)
				SERVICED BATTERY, BRAKE RESERVOIR, CHECKED POWER PACK, STRUCTS, SHIMMY DAMPENER & BRAKES. DRAINED & CLEANED GASOLATORS. LUBED & CHECKED PULLEYS, CABLES, TURN BUCKLES, BEARINGS & HINGES. CLEANED, LUBED & INSPECTED LANDING GEAR. CHECKED EXTENSION, RETRACTION AND EMERGENCY EXTENSION. REPLACED INSTRUMENT FOAM FILTERS (B3-5-1) C.W. SB. 755C ROD END CHECK, S/B 494B FLAP TRANS. INSP. SEE AD/SB LISTS AT FRONT OF LOG. — End —
Total To Carry Forward				

Registration No. 371MC

and Remarks	Signature	Certificate No.
	<i>Kirk S. Swanick</i>	AP36140288B
<p>I CERTIFY THIS... <u>Aircraft</u> ... HAS BEEN INSPECTED IN ACCORDANCE WITH A. <u>100 hour</u> ... INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION KIRK S. SWANICK A&P 36140288IA</p> <p><i>Kirk S. Swanick</i></p>		

AIRCRAFT LOG

Registration No. 371MC

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-8-88	Brought Forward →	7895.50	—	REPLACED RT ALTERNATOR WITH NEW UNIT ALU8421 RS S/M 5V 000134. END
8-16-88		7901.15	—	REMOVED LEFT FLAP AND ST RIPPED PAINT FROM INBOARD HALF. INSTALLED PATCH OVER DAMAGED RIVET HOLES ON BOTTOM NEAR TRRD. HINGE CRACKED. REPLACED RIVETS, CLEANED ETCHED & TREATED ALL CORROSION. PRIMED, PAINTED & REINSTALLED. CHECKED OPERATIONS & FLAP ANGLES, OK. SEE ATTACHED FORM 337. —
Total To Carry Forward				

and Remarks	Signature	Certificate No.
NEW UNIT ALU8421 RS S/M 5V 000134. END	<i>Kirk Swanick</i>	
	KIRK S. SWANICK	A & P 361402088 IA
REMOVED LEFT FLAP AND ST RIPPED PAINT FROM INBOARD HALF. INSTALLED PATCH OVER DAMAGED RIVET HOLES ON BOTTOM NEAR TRRD. HINGE CRACKED. REPLACED RIVETS, CLEANED ETCHED & TREATED ALL CORROSION. PRIMED, PAINTED & REINSTALLED. CHECKED OPERATIONS & FLAP ANGLES, OK. SEE ATTACHED FORM 337. —	<i>Kirk Swanick</i>	
	KIRK S. SWANICK	A & P 361402088 IA

AIRCRAFT LOG

Registration No. 371MC

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7-6-88	Brought Forward →	7858.35		REPLACED ALL BRAKE LININGS
7-11-88		7858		REMOVED RT. FLAP AND RT MAIN INBOARD HALF. DRILLED OUT REMOVED CORROSION FROM FLAP CORROSION BETWEEN SKINS ALUDINE SOLUTION. RE-RIVETED GEAR DOOR ALSO. PAINTED & OF GEAR & FLAPS, OK. RETURN
Total To Carry Forward				

and Remarks	Signature	Certificate No.
TORQUED & SAFETIED AS PER S/M.	<i>Kirk S. Swanick</i>	
	KIRK S. SWANICK	A & P 361402088 IA
REMOVED RT. FLAP AND RT MAIN GEAR DOOR. STRIPPED PAINT FROM FLAP RIVETS WHERE CORROSION WAS EVIDENT & LEADING EDGE. REMOVED ALL TRACES OF AND ON SURFACE & TREATED METAL WITH & PRIMED FLAP HALF. CLEANED & PRIMED RE-INSTALLED. CHECKED RIGGING & OPERATION TO SERVICE THIS DATE - End	<i>Kirk S. Swanick</i>	
	KIRK S. SWANICK	A & P 361402088 IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6-30-88	Brought Forward →	7855		COMPLETED ANNUAL INSPECTION -
				SHIMMY DAMPENER, STRUTS & BRAKES - LUBED & CHECKED PULL
				SYSTEMS & ELT, OK. ELT BATTERY EXPIRES SEPT. '89. CLEANED
				OPERATIONS. PERFORMED GEAR RETRACTION, EXTENSION & EMERGENCY
				EXTENSION CHK. REPLACED INST. FOAM FILTERS (B3-S-1)
				COMPLIED W/ SB 755C ROD END CHK, S/B 494B FLAP
				TRANS. & CABLE INSP, INSTALLED DOUBLER & STOP DRILLED
				CRACKS ON RIB FWD OF FLAP DRIVE MOTOR. — Eval —
Total To Carry Forward				

Registration No. 371MC

and Remarks	Signature	Certificate No.
SERVICED BATTERY, TIRES, HYD. RESERVOIR, GASCOLATORS, CHECKED		
W/ OILS, CABLES, TURNBUCKLES, HINGES & BEARINGS. CHECKED ELECTRICAL		
SYSTEMS. LUBED & INSPECTED LANDING GEAR, CHECKED UPLOCK & DOWNLOCK		
OPERATIONS. PERFORMED GEAR RETRACTION, EXTENSION & EMERGENCY		
EXTENSION CHK. REPLACED INST. FOAM FILTERS (B3-S-1)		
TRANS. INSP, S/B 884 CLAMP SAFETY WIRE, AD 82-27-13(R2) FLAP SPLINE		
CRACKS ON RIB IN RT WHEEL WELL. INSTALLED DOUBLER & STOP DRILLED		
<p>I CERTIFY THIS... AIRCRAFT... HAS BEEN INSPECTED IN ACCORDANCE WITH AN... ANNUAL ... INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION KIRK S. SWANICK A&P 361402088IA</p>		
<p><i>Kirk S. Swanick</i></p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4-28-88	Brought Forward →	7774.40		COMPLETED 100 HR AIRFRAME INSPECTION. SERVICED BATTERY, TIRES, FUEL STRAINERS. CHECKED STRUTS, BRAKES & SWIVELY DAMPER. REPLACED GASCOLATOR O-RINGS P/N'S 757-255 & 751-898. LUBED & CHECKED PULLEYS, CABLES, ROD ENDS, BRGS & HINGES. CHECKED ELECTRICAL SYSTEMS & ELT, OK. CLEANED, LUBED & INSPECTED GEAR. CHECKED UPLOCK & DOWN-LOCK OPS. CHECKED EMERGENCY GEAR EXTENSION. COMPLETED TRANSMISSION AS PER AD 82-27-13 R2 & S/B 494B. CHECKED THRU 88-06 AND FOUND TO BE IN COMPLIANCE WITH 100 HR INSPECTION PROCEDURES AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Next due Sept 1989
4-29-88		7777:00		Replaced ELT Battery Mills ATP 1434125
6-29-88		7853.10		REPLACED RT VOLTAGE REGULATOR.
Total To Carry Forward				

Registration No. N371MC

and Remarks	Signature	Certificate No.
INSPECTION. SERVICED BATTERY, TIRES, FUEL STRAINERS. CHECKED O-RINGS P/N'S 757-255 & 751-898. LUBED & CHECKED PULLEYS, CABLES, & ELT, OK. CLEANED, LUBED & INSPECTED GEAR. CHECKED UPLOCK & DOWN-LOCK OPS. CHECKED EMERGENCY GEAR EXTENSION. COMPLETED TRANSMISSION AS PER AD 82-27-13 R2 & S/B 494B. CHECKED THRU 88-06 AND FOUND TO BE IN COMPLIANCE WITH 100 HR INSPECTION PROCEDURES AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Next due Sept 1989	Karl Stovall	AP361402088TA
End	Karl Stovall	AP361402088TA

AIRCRAFT LOG

Registration No. N371MC

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-14-88	Brought Forward →	7732.20		AD 88-05-05 MAIN GEAR INSTALLATION OF NEW IMPROVED DATED 1-22-88. — Encl—
3-30-88		7750.25		Replaced Co-Pilot Installed S/N 13139C
4/11/88		7760.40		Removed Cigarette Turn + Bank feiture installed Castberry — Encl—
Total To Carry Forward				

and Remarks	Signature	Certificate No.
FORWARD SIDE BRACE INSPECTION NO LONGER APPLIES DUE TO BRACES, P/N'S 85166-02 & 85166-03 SEE LOG ENTRY	<i>Kirk Swanson</i>	
Turn + Bank Reinstall S/N 3405C Castberry L/U H 49809	<i>AP 361402088 IT</i> <i>W. Walker A/P 1434125</i>	
Indicator P/N 52075 10-28V S/N 13139C due to overhauled unit P/N 52075-1028V S/N 12950C	<i>Jeffrey W. Elliot</i> <i>A/P 341488713</i>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-27-88	Brought Forward →	7079		REPLACED LEFT INDUCTION AIR FILTER IN FRONT OF LOG. — Encl —
2-19-88	—	7707		REPLACED RT WHEEL & TIRE ASSY. INSPECTED FOR WEAR. — Encl —
2/26/88		7719.50		Removed Rt main gear wheel and new tire, wheel bolts stepped 2ygs
Total To Carry Forward				

Registration No. N371MC

and Remarks	Signature	Certificate No.
REPLACEMENT AS PER AD 84-26-02 DUE 8179 TACH. SEE AD LIST	<i>Kirk Swanick</i>	
	KIRK S. SWANICK A & P 361402088 IA	
BEARINGS WERE CLEANED, INSPECTED AND REPACKED. BRAKE LININGS	<i>Kirk Swanick</i>	
	KIRK S. SWANICK A & P 361402088 IA	
tire due to slow leak on inner tube installed overhauled wheel and checked repeated and assembled — Encl —	<i>Kirk Swanick</i>	
	KIRK S. SWANICK A & P 361402088 IA	

AIRCRAFT LOG

Registration No. 1137IMC

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-22-88 - CONTINUED -	Brought Forward →			(1ea) 402-526 BOLT, (2ea) AN 4-16A BOLT (RIGHT SIDE), CLEANED LUBED & INSPECTED GEAR, CHECKED UPLOCK, DOWNLOCK OPERATION, RE-SET DOWNLOCK SWITCH CLEARANCE AS PER SIM.
I CERTIFY THIS <u>AIRCRAFT</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100</u> HOUR..... INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION <u>KIRK S. SWANICK A&P 361402088IA</u> <i>Kirk Swanick</i>				
1-25-88	Re-installed left fire bottle			PERFORMED RETRACTION, EXTENSION AND EMERGENCY EXTENSION FUNCTIONAL CHECK, OK.
SN AZ-2396 after service w.o. AE 2296				REPLACED FOAM INST. FILTERS
<i>M. Mills A&P 1434125</i>				REPLACED FOAM INST. FILTERS
				INSP/LUBE, <u>S/B 845A PART I MAIN</u>
				OF SIDEBRACES PREVIOUSLY
				<u>AD 82-27-13(R2)</u> AND <u>S/B 4941</u>
				REPLACED HEATER DRAIN TUBE
				CONNECTOR. COMPLIED W/ <u>S/B</u>
				BOTTLE REMOVED FOR FREE TESTING & REFILLING. AD STATUS CHECKED THRU 87-26 AND
Total To Carry Forward				FOUND TO BE IN COMPLIANCE. <u>Enal</u>

and Remarks	Signature	Certificate No.
AND EMERGENCY EXTENSION FUNCTIONAL CHECK, OK.		
P/N B3-5-1. COMPLIED WITH S/L 755C ROD END BEARING		
SIDEBRACE INSP. NO LONGER APPLIES DUE TO		
MENTIONED. INSP. FLAP DRIVE TRANSMISSION AS PER		
AND FOUND TO BE WITHIN SPECIFIED TOLERANCES.		
GROMMET. RESOLDERED WIRE TO PIN IN TAIL CONE STROBE		
<u>864</u> , ELEVATOR RIB CRACKS, NONE FOUND. LEFT FIRE EXT.		
AD STATUS CHECKED THRU 87-26 AND		
	<i>Kirk Swanick</i>	<u>AP361402088IA</u>

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11-25-87	Brought Forward →	7633.20		INSTALLED NEW A/C BATTERY,
1-4-88		7660.15		REPLACED ALL LEFT BRAKE LININGS.
1-22-88		7679		COMPLETED 100 HR INSPECTION - REPLACED GASCOLATOR ORINGS P/N AND BEARINGS. CHECKED ELECTRICAL WHEEL BEARINGS, COMPLISHED
Total To Carry Forward				(1ea) 402-517 BOLT, (1ea) 402-526

and Remarks	Signature	Certificate No.
CONCORDE CB 24-20. — End —	<i>Kirk Swanick</i>	
	KIRK S. SWANICK A & P 361402088 IA	
— End —	<i>Kirk Swanick</i>	
	KIRK S. SWANICK A & P 361402088 IA	
SERVICED BATTERY & GASCOLATORS, CHECKED STRUTS, TIRES, BRAKES, HYD. RES. 757-255 & 751-898. LUBED & CHECKED PULLEYS, CABLES, TURNBUCKLES, HINGES SYSTEMS & ELT, CK. (ELT EXPIRES MAY 88) INSPECTED, CLEANED & RE-PACKED S.B. 845A PART II BY INSTALLATION OF (1ea) 85166-02, (2ea) AN 6-16A BOLT BOLT (1ea) 400-188 BOLT, LEFT SIDE AND (1ea) 85166-03, (1ea) 402-517 BOLT,		

AIRCRAFT LOG

Registration No. N371MC

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8/26/87	Brought Forward →	7593.30	-	AD 87-21-01 DETERMINED TO BE PREVIOUSLY COMPLIED WITH SHAW AERO RESTRICTOR KIT
10/26/87				Installed King Radio KN72 VOR/LOC Converter to replace the KN74 R-NAV Converter when the "NAV1" switch is thrown from to this switch, so RMI's VOR pointer would follow it.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
TO BE PREVIOUSLY COMPLIED WITH AS PER PIPER S/B 77B. End.	Kirk Swanick	
	KIRK S. SWANICK A & P 361402088 IA	
Converter S/N 9510 and switch and relays to allow between the NAV1 Receiver and the pilot's HSI, "R-NAV" to "VOR" position. Added wiring from RMI follow it. Charles R. May Jr. © RS C03-11		
new A/c E.W. = 4787.2#		
new C.G. = 124.74"		
new usefull = 2712.8# (from 7000# gross)		

AIRCRAFT LOG

Registration No. 371MC

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-21-87	Brought Forward →	7586.15	—	REPLACED ALL RIGHT HAND
10-23-87	—	7593.30	—	PERFORMED 100 HOUR AIR FRAME SERVICED BATTERY & TIRES, CHECKED STRUT, BRAKES, TIRES, BRAKE RES. TURNBUCKLES, HINGES & BEARINGS. CHECKED ELECTRICAL SYSTEMS DOWNLOCK COND. & OPERATION. PERFORMED GEAR RETRACT, EXTEND & COMPLIED W/ FOLLOWING SB'S/AD'S: S/L 755C ROD/BRG INSPECTION & LUBE, FLAP TRANSMISSION CHECK AS PER SIB 494B. — Encl —
Total To Carry Forward				

and Remarks	Signature	Certificate No.
INSPECTION USING MFGR'S CHECKLIST (IMC FORM 0-777 REV 9.74). HYD. POWER PACK & GASCOLATORS. LUBED & CHECKED PULLEYS, CABLES & EMT, OK. CLEANED, LUBED & INSPECTED GEAR, CHECKED UPLOCK & EMERGENCY EXTENSION. REPLACED INST. FOAM FILTERS (BB-5-1) & LUBE, S/B 845 FORWARD SIDE BRACE INSP, AD 82-27-13 R2	<i>Kirk Swanick</i>	
	KIRK S. SWANICK	A & P 361402088 WA
I CERTIFY THIS... AIR FRAME..... HAS BEEN INSPECTED IN ACCORDANCE WITH A... 100 HOUR INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION KIRK S. SWANICK A&P 361402088A	<i>Kirk Swanick</i>	

AIRCRAFT LOG

Registration No. N371MC

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8/28/87	Brought Forward →	7508.35		REPLACED LEFT MAIN WHEEL & BRAKE LININGS, CLEANED & RE-PACKED WHEEL BEARINGS.
9-2-87		7511.10		REPLACED NOSE WHEEL & TIRE ASSY WITH ZYGLO'D UNIT AS PER AD 81-11-04. CLEANED, INSPECTED & REPACKED WHEEL BEARINGS.
9-18-87	(PN 492195)	7547.25		Replaced R.H. Pneumatic check valve in air system K. Melk SAP 1434125
9-23-87		7549.45		Replaced both air pumps
	Replaced left brake master cylinder and bleed			
		9-28-87 7554:00		Replaced both air filters
Total To Carry Forward				

and Remarks	Signature	Certificate No.
TIRE ASSY, REPLACED LEFT SIDE & RE-PACKED WHEEL BEARINGS. Enal	Kirk Swanic	
	KIRK S. SWANICK A & P 361402088 IA	
WITH ZYGLO'D UNIT AS PER AD 81-11-04. CLEANED, INSPECTED & REPACKED WHEEL BEARINGS. Enal	Kirk Swanic	
	KIRK S. SWANICK A & P 361402088 IA (NEW) 442CW-6	
(NEW) 441CC-7 airborne installed SN 07AB000796 on left, SN 07AB000638 on right, left brake system (PN 010-01700) K. Melk SAP 1434125		
PN 154-6 in instrument air system K. Melk SAP 1434125		

AIRCRAFT DESCRIPTION

Registration No. N 371MC

Model: PA 31-350 Popular Name: NAVAJO CHIEFTAIN

Serial No.: 31-7405409 Type Certificate No.: _____

Colors: 1A1204 (2000) 8174 WHITE 79031 GREEN 7498 DK GREEN.

Engine Manufacturer: LYCOMING Propeller Manufacturer: HARTZELL

Original Engine Model: T10S40 / L110S40-73B1 Original Propeller Model: HC C34R-2A17 / 7417

Serial Numbers: Single _____ Hub or Serial Number: Single _____

Left 1-3057-C1A

Left DJ1692

Right KL S.21-C5A

Right DJ1678

Blade Numbers

Left

Right

E50732

F 31415

E42269

F 21516

E50757

F 21547

N321700

The Standard



AIRCRAFT LOG 16.3

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 87				CONT AREA FLOOR AND INSTALLED PROPER SIZE CHERRY MAX RIVET, AD'S CHECKED THRU 87-10 AND FOUND TO BE IN COMPLIANCE. - Encl - I CERTIFY THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AD <u>Cherry Max</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION KIRK S. SWANICK A&P 361402088IA <i>Kirk Swanick</i>
6/26	7392	-	7392	REMOVED CO-PILOT'S ALTIMETER FOR RECERTIFICATION, RE-INSTALLED & CHECKED STATIC SYSTEM, OK. <i>Kirk Swanick</i> KIRK S. SWANICK A & P 361402088 IA
7-13-87	7408:55			Replaced flap time delay switch PN 44407-00 <i>Mr. Mills ATP 1434125</i>
E.G.	30:10			
	7439:05			
875014	984:05			Errors corrected 7/13/87 <i>nm</i> .

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-13	7439:05	TOTAL	TIME	REPLACED RT MAIN WHEEL & TIRE ASSY (SEE MAINT RELEASE) AND ALL RT BRAKE LININGS. - Encl - <i>Kirk Swanick</i> KIRK S. SWANICK A & P 361402088 IA
	7446:05			
7-15-87				Installed "JANITROL" Cabin heater after overhaul by JANITROL RMN # 72184/1033587 (A.K) Operational check. O.K. <i>Mr. Mills ATP 1434125</i> Hertz meter reads 1556 (AD 82-07-03) next due 2056 on 7/13/89 which ever occurs first.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 87				(CONTINUED)
				THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. Kirk Stewart AP 361402088IA
6/9/87				check applicability of AD 87-10-06 Lycoming Rochester P/N LW-18790 found N/A per Engine Model #'s — End — Affinity Elliot AP 341458713
Act.	7364.05			
1987				
6-20	ACT 7382.15	-	7382.15	PERFORMED ANNUAL INSPECTION USING MFR'S CHECKLIST, (IMC FORM 0-777). CHECKED CABLES AND PULLEYS, LUBED ROD ENDS & LINKAGES.
	7412:25		7412:25	SERVICED BATTERY & CHECKED ELECTRICAL SYSTEMS. RE-BUSHED RT MAIN GEAR TORQUE LINKS AS PER PIPER S/M AND PERFORMED GEAR RETRACTION/EXTENSION/EMERGENCY-X-FUNCTIONS. CHECKED UPLOCK/DOWN LOCK FUNCTION. C/W PIPER S/B 739 FLAP DRIVE FLEX CABLES, OK. (PART II)
Eng	5MOH	95	7:25	

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 87				
				- CONT - NEXT COMPLIANCE TIME 7882 ACT C/W PIPER S.B. 494B FLAP TRANSMISSION CK, OK. NEXT COMPLIANCE TIME 7482 ACT (SB 494B INSTRUCTIONS #1 & C/W AD 82-27-13 R2 PARA 3 TRANSMISSION CK.)
				REPLACED CHERRYMAX RIVETS ON RIGHT FLAP (1) AND LEFT FLAP (3). LEFT AND RIGHT EXHAUST PANS BEHIND BOTH ENGINES (1 each) REPLACED CLEVIS BOLT FOR RT. SEAT BELT ON TOILET SEAT, REPLACED HOSE FROM SEAT. REPLACED SEAT BELT BUSHING LEFT REAR SEAT. STOP DRILLED CRACKS ON OUTER SKIN OF RGT. GEAR WELL DOOR. APPLIED SPIRAL WRAP TO "DOOR OPEN" HYDRAULIC LINE WHERE CHAFING WIRE BUNDLE IN BAY BEHIND SPAR, LEFT SIDE FLOOR. REPLACED GROMMET ON OXYGEN LINE AT BULKHEAD, REAR OF A/C. INSTALLED SPIRAL WRAP ON STATIC LINES WHERE CHAFING, LEFT REAR SIDE OF A/C AFT OF BAGGAGE COMP. REMOVED "POP" RIVET WHERE INSTALLED IN BAGGAGE

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1987 4-20	Act	7321.35		Replaced gear handle safety solenoid P/N 457-155, (new unit supplied by Piper) <i>W. Milk AP145425</i>
5-4	TOTAL TIME	7321.50		REMOVED BOTH AILERONS AND REPAIRED BOTH SPARS BY SPLICING IN NEW SECTIONS AND DOUBLERS. (SEE 337) BALANCED AS PER S/M AND REINSTALLED. REPLACED RT AILERON OUTBOARD HINGE BEARING, P/N 452-386. REPLACED THE FOLLOWING AILERON ATTACH HARDWARE: BOTH AILERON HINGE ATTACH BOLTS, NUTS & WASHERS, INBOARD PUSH-PULL CLEVIS BOLTS AND CUTTER PINS. REMOVED BOTH ELEVATORS, DYE PENETRANT CHECKED HINGE ATTACH AREAS, MAGNAFLUXED BOTH INBOARD HINGE BRACKETS (OK) REPLACED ELEVATOR HORN CENTER HINGE BEARING P/N 452-386, REPLACED RIGHT & LEFT OUTBOARD ELEVATOR HINGE BEARINGS P/N 452-386, INBOARD ELEVATOR HINGE BOLTS P/N AM 174-12, ALL ELEVATOR BRACKET-TO-TORQUE TUBE BOLTS AM 174-22A, REPLACED 2 LOOSE CHERRYMAX RIVETS

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__		CONTINUED -		ON BOTTOM OF LEFT ELEVATOR, REPLACED ELEVATOR TORQUE TUBE BOLTS (BELLCRANK TO ELEVATOR HORN) - <i>End - Kurbiswaniel AP361402088IA</i>
5/15	Act.		7342.10	PERFORMED 100 HR AIRFRAME INSPECTION USING MFG'S CHECK LIST, FORM O-777 REV 9-74. LUBED MAIN GEAR & NOSE GEAR AS PER PIPER S/M. PERFORMED GEAR RETRACTION & EMERGENCY EXTENSION CK, CK. CHECKED OPERATION & FUNCTION OF UPLOCKS/DOWNLOCKS. REMOVED WHEELS, GREASED & CLEANED WHEEL BEARINGS, INSPECTED WHEELS & BRAKE LININGS. LUBED ALL HINGES & ROD ENDS, CHECKED ALL CONTROL CABLES. SERVICED BATTERY & CHECKED OPERATION OF LIGHTS & ELECTRICAL SYSTEMS. SERVICED BOTH FUEL STRAINERS. C/W S.B. 494B INSTRUCTIONS #1 & C/W AD 82-27-13R2 PARA (3) TRANSMISSION CHK. C/W S.B. 755C LANDING GEAR LOCK ACTUATOR ROD & ROD END BRG. INSP. C/W S.B. 845 MAIN GEAR FWD BRACE INSP. I CERTIFY

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1987				
Feb 9, 1987			7256.35	(HOBBS METER 1499.5) C/W AD 82-07-03 Inspection of lecter and leak check - no defects found - next due 1599.5 on Hobbs meter) W. Mills A#P 1434125
2/20			7275.25	REPLACED ALL BRAKE LININGS ON LEFT MAIN LANDING GEAR & RE-SAFETIED. End - Kirk Swaniak A#P 361402088TA
3/2/87				
Act	7280.15			Removed Rt Engine propeller to removed cracked aft spinner bullhead P/W 43933-003 installed new bullhead same P/W, installed new freon compressor magnetic clutch assembly P/W 46336000 with new belt P/W LW10954, Installed new alternator belt P/W LW-15813 to Rt engine alternator. Installed new prop O'Ring P/W 755-800 installed Rt prop and torqued & softped studs per Piper maintenance (continued next page)
LFT hr.	855.25			
Rt hr.	855.25			

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1987				
(continued)				
3/2/87				
Act	7280.15			Manual qnd run engine checked for oil leaks at propeller found OK checked Prop drive system found OK. - End - Affrey Elliot A#P 341488713
Rt hr.	855.25			
LFT hr.	855.25			
4-3-87	7309.45			Installed new left gear down-lock, switched and performed retraction test W. Mills A#P 1434125
4-8-87	7312.10		7312.10	REPLACED RT. WHEEL ASSY WITH SERVICEABLE UNIT, (SEE MAINT. RELEASE TAG) INSTALLED AS PER S/M AND SAFETIED. Kirk Swaniak AP361402088TA
4/15/87				checked acceptability of AD 87-06-09 amendment # 39-5585
Act	7321.35			Mechanical Products INC circuit breakers found not acceptable per date of manufacture of affected circuit breakers - End - Affrey Elliot A#P 341488713

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-29			7220:15	Replaced both storm windows with new parts 41284-00 and 41284-01, installed new pvc hole and new top lens L.H. side. W. Mills A&P 1434125
1-16-87				C/w 100 hr inspection this date per Piper Maintenance Manual + IMC inspection form # 0-777 Rev. 9/74 found aircraft to be in airworthy condition and returned to service this date. The following maintenance C/w this inspection; C/w Piper S/B #845 main landing gear Fwd side brace inspection found no cracks, C/w Piper Service letter # 755C greasing/inspection of main gear download assembly and main/nose uplod actuator rod and bearings Part I of service letter, C/w Piper S/B # 494B instruction #1 and C/w AD 82-27-13 R2 paragraph #3 inspection of transmission, lubed A/C per Piper lubrication chart, rechecked all wheel bearings, changed A/C battery all cells read 12.75 specific gravity, cleaned & resealed fuel strainers, checked fuel

(Continued next page)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1/16/87				check nylon cord tension / note found OK, performed landing extension/retraction and emergency extension found OK, checked for a crack in Rt flap end of track by dye penetrant check found OK, installed new ground for cables routed thru bulkhead at heater area in nose section, Replaced left aileron control hinge bearing P/N 452-386, Replaced all Rt main gear brake pads P/N 66-33, Replaced nose rivets in lower elevator skin Rt side, Replaced nose rivets in upper elevator skin Rt side, Replaced nose rivets top/bottom skin of left elevator, Replaced Tail position light bulb P/N A458H-25V, repaired broken power lead to tail power supply for stroke light, C/w ADSI-15-04 R1 inspection of left elevator control hinge area for cracks found OK, Serviced hydraulic power pack and brake reservoir with 56.06 hydraulic fluid
				W. Mills A&P 341488713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/3/86	709	C/W	100 hours	Inspection per Piper Maintenance Manual and check list Form O-777 Rev. 9/74. Aircraft found to be in airworthy condition and returned to service this date. Following maintenance C/W this inspection; lubed aircraft per lubrication chart from Piper Maintenance manual, C/W Service letter 755C lube of nose + main landing gear downlock Rod end bearings + telescopic rod, C/W Service bulletin # 494B + AD 82-27-13 R2 paragraph 3 check of flap system transmission at jackscrew, C/W AD 82-07-03 friction heater combustion chamber decay found OK, Replaced Rt + left vac pump air filter AFT of firewall, Replaced vac pump inlet foam element filter, Repl'd Rt Vac Pump P/N 442CW-6 S/N 4H377 installed new pump P/N 442CW-6 S/N 1AA-232, Replaced left Vac Pump P/N 441CC-7 S/N 5H77 installed new pump P/N 441CC-7 S/N 08AA000860, C/W Service bulletin 845 main gear FWD sidebrace inspection, Repl'd elevator trim jackscrew P/N 43198-0, Repl'd elevator trim cable P/N 42484-03, Repl'd left vac line (continued)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
(Continued)				check valve P/W 492-195 and left line pressure switch P/W 53897-00, removed and cleaned + resealed main fuel screens both sides, service brake + hydraulic power pack fluid levels, checked landing gear extension + retraction normal + emergency operation, C/W AD 81-15-04 R1 inspected left elevator outboard hinge area for cracking found OK. — FWD — Jeffrey Wellhot A+P 341488713
11/12/86	7179			Removed Gill 24V aircraft battery P/W G-246 installed new battery P/W G-246 S/N 60738556 after full charge warranty period in 6 months or 300 flight hours. — End — Jeffrey Wellhot A+P 341488713
12/6/86	7202:10			Replaced R.H. High pressure boost pump PN 481-763 SN 04502 (ON) (SN 0464 OFF). Replaced prop de-ice brushes both sides, installed new EGT probe on left engine (PN 756-317) W. Wellhot A+P 142425

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/18/86				Removed left main landing gear wheel + tire P/N 756-619 Piper # and installed overhauled wheel with new innertube and tire - wheel P/N 756-619 Piper P/N, Overhauled wheel eddy current checked and zygl checked by 5 ISU Corp., Replaced all brake linings and left main brake assembly P/N 66-33 Cleveland P/N. — EAD — Jeffrey Wilhoit AIP 341488713
8/22/86				Removed Pilot's Director Horizon Bendix P/N 4000184-8503 S/N 2578 and sent to Duncan aviation Lincoln Nebraska for overhaul + repair installed loaner unit P/N 4000184-8503 S/N 1085X hooked up auxiliary pressure supply and set loaner horizon in panel — EAD — Jeffrey Wilhoit AIP 341488713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/9/86				Checked on compliance of AD 86-17-07 replacement of hydraulic hoses Piper P/N 17766-02 (465-138) per Piper S/B 822 April 2 1986 and found Service Bulletin C/W on 4/30/86. AD 86-17-07 amendment 39-5400 issued 9/2/86 C/W — EAD — Jeffrey Wilhoit AIP 341488713
			7145:50	
9/10/86				Replaced co-pilot's directional gyros P/N 4000B-8 SN T 25 938E supplied by Castleberry W/O #5483 A. Mills AIP 1434125 (Removed SN 23188 P/N 3110K)
9/17/86				Replaced Pt Fuel Boost Pump installed P/N 481-802 (SN 10PP122) Removed SA 5C 262 A. Mills AIP 1434125
				10-29-86 Removed Bendix loaner Horizon, installed Repaired unit SN 2578, P/N 4000184-8503. Returned loaner SN 1085X to Duncan A. Mills AIP 1435125
AC	TIME		7168:50	

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/2/86				
Act. 7082.15				
				⑧ Replaced all Rt Brake linings and pressure checked for leaks found OK.
				⑨ Replace left outboard brake linings and pressure checked for leaks found OK.
				Performed inspection per Piper inspection report Form 0-777 Rev 9/74. — END —
7/16/86				checked AD 86-01-06 Airborne Voc Pumps found
Act. 7082.35				Pumps installed on engine N/A per Serial #'s or Model #'s checked spare pumps and shelf and found N/A per Model #'s or Serial #'s — END —
				Jffry W Elliott AIP341488713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/16/86				Removed Rt main landing gear wheel and tire
Act. 7082.35				P/N 40-102A (Cleveland P/N) and installed overhauled wheel & new tire, wheel P/N 40-102A (Cleveland P/N) overhauled wheel axle checked & magnified wheel bolts and brake disc found all units in airworthy condition — END —
				Jffry W Elliott AIP341488713
7/30/86				Removed & Reinstalled repaired Radar Panel unit P/N
Act. 7103.05				IN 152A S/W 6846 repaired by Butler Aviation WO# 103162
				Removed & reinstalled repaired Radar scope unit in nose area P/N ART 161A S/W 7282 repaired by Butler Aviation WO# 103162 — END —
				Jffry W Elliott AIP341488713
8/1/86				Installed new gyro pressure
Value any	7106:30			P/N 52307-00 W. Hills AIP 1434125

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

4/30/86
Act. 6990.02

Checked SB 822 hydraulic hose inspection
hose P/W 17766-02 Piper # 465-138 found used in
only one place main gear door actuator found
correct hose installed - one time inspection.

— END —
Jeff W. Elliot
AIP341488713

5/5/86
Act. 6995.05

Reinstalled repaired Radar unit in nose
area P/W ART-161A S/W 7282 repaired by
Butler Aviation WO # 103074 removed and
cleaned battery box and painted + cleaned
corroded areas of box and reworking
structure of A/C in battery box area. Charged
battery to 12:50 - 12.75 specific gravity

— END —
Jeff W. Elliot
AIP341488713

TT. ACFT 7000:05

5-9-86 Replaced co-pilot's gyro-horizon P/N 27-501-06-9 W. Mills
SN OFF 22969F SN ON T36956 J. AIP 142125

5-9-86 Installed new alt air door pull control wire left side W.M.

DATE 1986	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

June 2, 1986 (702:15 AC) (Eng 750 5'66'20) I certify that
this aircraft has been inspected in accordance
with an annual inspection and determined to
be in airworthy condition Wagon & Mills 1424125.

THE FOLLOWING WORK ACCOMPLISHED IN CONJUNCTION WITH INSPECTION:

June 1986 Complies with Piper SB 739 Part II reinspection
of flap drive shafts and SB 494B inspection of
flap transmission This complies with the re-inspection
Parts of A.D. 82-27-13 (R2)

- ① Replaced HSI loaner from Duncan (SN 1740) with
1mg Repaired unit SN 3654 Duncan W.O. # 5386B
- ② Replaced ELT Battery (next due March 88)
- ③ Replaced nose wheel shimmy dampener rod and bearing
- ④ Installed overhauled nose wheel + new tire C/W AD 81-11-04 and
balanced nose wheel before installation.
- ⑤ lubed A/C per Thovojc lubrication chart of Maintenance manual
- ⑥ checked tension of all flight control cables and readjusted
cables in belly area per Piper maintenance manual (continued next page)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-5-86				Installed overhauled left wheel and new tire Wheel overhauled, zyglod + disc's magnafluxed & bolts magnafluxed found OK - END Wheel P/W 40-102A S/W - N/A - END W. Elliott A49341488713
3/18/86				C/w 100 hr inspection of airframe + powerplants this date per FMC inspection report Form # O-777 Rev-9/74 and Piper maintenance manual following maintenance c/w at this inspection; c/w S.C #755C tube of main gear down lock actuating rod end bearings and slide tube and down lock pivot bolt, c/w AD82-27-13R2 + S.B 494B Flop transmission jackscrew wear check found in limits, c/w AD84-26-02 replacement of engine inlet air filter elements next due in 500 hrs or Act 7437, replaced hydraulic pump filter at firewall and pressure checked (continued next page)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				(Continued 3/18/86) found OK, Replaced vac pump inlet foam filter at firewall, c/w AD81-15-04 R1 to left elevator outboard hinge area only Rt side repaired by installation of replacement hit Piper part NO. 764-055 previously, installed rod strap to left engine fire detector at inboard firewall, installed overhauled alternate air door box to left engine, filled hydraulic power pack with fluid and brake reservoir level checked, cleaned both fuel filters and reinstalled with new O-rings + steel O-seals, Replaced all O-rings at fuel tank filler caps and adjusted caps to close tighter, performed main + nose gear retraction + extension with hydraulic made and performed emergency extension checked OK, fueled aircraft per Piper service manual lubrication chart, Replaced nutplate at Rt Eng. bottom cowl inboard middle eyebolt, Rt Engine Top (Continued next page)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1/29/86				c/w AD82-07-03 Torited heater combustion chamber leak check found OK Heater Hr. meter Rd. 1300 hrs next due at Heater hourmeter reading 1400 hrs, c/w Piper Service bulletin 644C Turbo charger exhaust clamps Part II installed new clamps P/W 557-539 this eliminate exhaust clamp inspection every 100 hrs and exhaust clamp replacement every 1000 hrs both engines, c/w 50 hrs inspection per Piper service manual & IMC Comp Inspection report Form O-777 Rev. 9/74 aircraft found airworthy and returned to service this date - EAD - Jeffrey W. Elliott #P341488713
Act. 689130				

FAR 91.171

The Following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.171 iaw FAR 43, Appendix 'E' have been performed:

APPENDIX 'E'
 Para (a) Static System 2/26/86 (date)
 Para (b) Altimeter(s)
 Pilots 81408-20 C/P's N/A Altimeter
 S/N 22486 S/N N/A
 Tested to 20000 Feet
 (Date) 2/24/86

Para (c) Integrated System Test 2/26/86 (date)

Signature [Signature] W.O. # 6985
 Byrne Aviation LTD
 FAA Repair Station C03-11
 Waukegan, Il. 60087

5, REPAIRS AND ALTERATIONS
ATING AND CERTIFICATE NUMBER OF
PAGES FOR OTHER SPECIFIC ENTRIES.)

The ATC Transponder test and inspections required by FAR 91.172 were performed this date and found to comply with FAR 43 appendix F. Transponder

model KT76 S/N 24337
 Details of this inspection are on file at this repair station
 under W.O. No. 6985 Date 2/26/86

Signed [Signature]
 Byrne Aviation Ltd. C03-11
 Waukegan Memorial Airport
 Waukegan, Illinois 60087

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/5/85	Act 6841.25			C/w 100 hr inspection this date and found airframe to be in airworthy condition, following maintenance completed this date; greased all points on main + nose gear, checked landing gear extension and retraction adjusted RT main gear down lock switch position, C/w Piper S.B 494B check of flap transmission wear and found OK, C/w AD 82-27-13 flap transmission check due every 100 hr next due at Act 6941, C/w S.B 755C lube of landing gear actuator Rod/Rod end bearings due every 100 hr next due Act 6941, C/w AD 81-15-04 R1 check of left outboard elevator hinge area found OK due every 100 hr next due Act 6941, C/w AD 82-16-05 check of turbo clamps + exhaust flanges due every 100 hr next due Act 6941 A/c returned to service this date - END Jeffrey W. Elliott AIP341488713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/11/85	Act 6851.20			Installed ^{new} inner steering arm bushings P/W 14976-12 and new steering arm bushings P/W 14175-113 lathed down to a .970 diameter to achieve proper clearance per Piper Maintenance Manual chapter 7 page 7-9 paragraph 7-13. Checked clearance + nose steering operation found OK - END Jeffrey W. Elliott AIP341488713
12/27/85	Act 6853.55			Replaced left wing tip strobe light flash tube removed wheel P/W 427 Tube installed same P/W checked operation found OK - END Jeffrey W. Elliott AIP341488713
1/27/86	Act. 6859.10			checked on applicability of Airframe AD note # 86-10-06 found S/N's on air pumps installed on A/c + pumps in inventory N/A per S/N's - END Jeffrey W. Elliott AIP341488713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/4/85				Completed 100hr inspection to Airframe and RT + left Engine this date in accordance to IMC inspection program sheet. Aircraft found to be in airworthy condition and returned for service. Maintenance C/W at this time; Vacuum form filter replaced at firewall, hydraulic pump filter replaced, oil changed added 12 qts 15-50W semi-syn oil, oil filter changed + cut open to find no contamination, C/W AD 82-16-05 Check of Turbo charger exhaust clamps Due every 100hrs next due at 6849 Act. 1. - END - Jeff W. Elliott ATP 341433713
10/2/85				Removed RT main wheel + tire installed overhauled wheel Piper P/W 756619 new brake disc installed P/W 164-44 wheel zyglood + both magnaflores wheel hubs repainted new tire installed, Replaced all RT brake linings P/W Cleveland #66-33 - END - Jeff W. Elliott ATP 341438713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
--------------	---------------------------	------------------	-----------------------------	---

Logbook Insert

Piper PA-31-350 S/N 31-7405409 N371MC

10-7-85

Replaced all surface deicer boots on both wings and tail section with new parts.

THE MAINTENANCE DESCRIBED ABOVE HAS BEEN INSPECTED AND APPROVED FOR RETURN TO SERVICE. DATE: 10-9-85

INSPECTOR SIGNED Norman F. Ashburn

B. F. GOODRICH AIRCRAFT SERV. CTR.

AKRON-CANTON REGIONAL AIRPORT

REPAIR STATION #1524 W.O. # 1727

ACTIME

6782:55

10-7-85

J.W.

Nov 1, 1985 Replaced
Hester combustion Blower
Mr. Mills ATP 1474125

11/18/85

Act. 6828.55

Replaced all left Brake linings checked operations found OK - END -
Jeff W. Elliott
ATP 341438713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/10/85	ACT.T.	6650.10 hr		Vacuate air conditioner system and install new air conditioner filter, recharge system and check operation + pressure found OK -END-
7-3-85	6708:55			Replaced left blower motor for cabin ventilation system, installed motor was repaired by MC with new bearings brushes, and ^{used} armature ^{W. Mills} AIP 1434125 Affrey W. Elliot AIP 341488713
8-12-85	6738:45			Completed inspection of nose gear per SB 779A, replaced retaining pins with PN 1821-06, inspected upper bearings per sketch "A" installed new "O" rings on re-assembly. Main gears were previously inspected and new pins (-07) installed by A. F. Wayne J Mills AIP 1434125

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/13/85	Act.t. 6738.45			C/W Piper Service letter 755B lube + check all gear (Landing) uplock Rod end bearings + telescopic portion of Rod assembly due every 50 hrs next due at 6788 hrs C/W AD82-27-13R2 S.B734+SB494B checking wing flap transmission found OK, C/W AD81-15-04 RI Amendment 39-4155 check of left outboard Elevator hinge -END- Affrey W. Elliot AIP 341488713
8/16/85	Act.t. 6741.30			Removed Pilote Horizon flight Director gyro Castleberry Instrument P/W 504-0001911 S/N 3017 Installed overhauled expended unit Castleberry P/W 504-0001911 S/N 2578 work order # 165532 flight checked unit and found OK -END- Affrey W. Elliot AIP 341488713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Elevator hinge crochets found no crochets due in 100 hrs, Checked compliance with Lycoming S.B. 467 found C/W, C/W Piper S.B. 755 B, C/W AD 81-12-06 installed stamped "X" non-compliance on Rt Engine, C/W AD 82-16-05 Turbo Clamps found OK needed every 50 hrs, Serviced + charged a/c battery specific gravity 1270-1280, Removed Rt Eng. extenquisher bottle hydrostatic checked new squibb + disc installed as unit done by Ave Electric work order # A.E. 5355 dated 5/2/85, Rpl'd hyd pump filter, Rpl'd instrument filter due in 500 hrs, Cleaned vac. pump filter, Rpl'd left flap fly disc left cable, Rpl'd upper elevator cable, R/Oxygen bottle hydrostatic checked by Economy fire + Sofley bottle installed + serviced, due in three years, Rpl'd Rt Eng. #2 cyl oil return line, Installed grommet to aft left Oxygen line where routed three floor, Rpl'd fenitrol heater spark plug + brushes in blower motor, Rpl'd aft Red end bearing of elevator trim tab + rpl'd FWD + aft bolts + nuts on trim actuator arm, Reglued stall strips on outbd side of both wings, Rpl'd numerous rivets at bottom skin of both flops - bottom skin of Rt wing, Tightened both elevator control cables, lubed + loosened up reducer trim pulley in tail area, Rpl'd fuel line grommet at FWD inspection plate of Rt main gear, reglued seal at bottom of left wing baggage compartment, Tightened 90° fitting of hydraulic pump out line

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				aft of left Engine firewall, reglued pholic strip at air conditioner sensor under Rt instrument panel, Tightened nuts + softlued nuts on left gear torque link (bottom bolt) and aft top drag link brace, reglued nose strut steering limit placard, Adj'd left main gear downlock switch per Piper manual, Preframed normal + emergency gear retraction test check OK, Cleaned + lubed all grease points on landing gear, serviced fuel strainer + drained water from fuel tanks, serviced hydraulic power puck + gear steel + nose + main gear tires, ground + serviced propeller with hydrogen, Repaired E.g. + wires of Rt engine at eng mount, S.D. crochets at Rt + left engine spinner bulkheads, Rpl'd bod sections of Rt + left Engine baffle seals, Rpl'd left cowl inbd side middle nutplate at eyebolt, Rpl'd rivets in Top left cowl, Tightened Engine cowl switches + numerous circuit breakers, reglued section of cabin door seal top + bottom cabin door, Installed chaffe material to top skin of Rt Flap - FWD - 5-7-85 TIME 6647:25 since new. I certify that this aircraft N 3714C S/N 31-7405409 has been inspected in accordance with an Annual Inspection and determined to be airworthy Kayat Mallz IA 1434125

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/20/84				ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.172 IAW FAR 43, APPENDIX "F", HAVE BEEN PERFORMED. MODEL: KING KT 76A S/N 24337 SIGNED: <i>Paul C. Warm</i> DATE: Nov. 20, 1984 WAUKEGAN AVIONICS, INC. C03-46 WAUKEGAN AIRPORT, WAUKEGAN, IL
11-26-84	6520:35	AC TT	65:40	Eng Hr SMO 1100.1 Heater Hr Clw AD 82-07-03 Janitrol Heater Combustion Pressure DECAY TEST. TESTED AS PER Janitrol MM/CH MANUAL 24E25-1 No Leakage detected. the Amendment No & Date for this AD is 39-4354 6-6-82. Next Due in 100 Hr of Heater operation. Alfred D Fullerton AP348401046

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Jan 4 1985	6535:10	AC TT		Refurbished existing interior with FAA approved materials. All pertinent information on file at Aero design Plus, Toledo Express Airport, Swanton Ohio. J E Craig Jr JATP 24875A-9979
Jan 18, 1985	6552:10			Removed RT alternator SN 2400057 and installed RT alternator SN 12731841 which was overhauled by Van Dusen WO 884 dated 8-2-84 Repair Order 3125. Wayne J Mills AT P 1434125
2/21/85	AC. FT. 6575:40			hours Fabricated new steel braided hose for RT inlet fuel wing fuel line to shut off valve, pressure checked after installation and found OK. -END- Alfred W. S. W. AT P 341488713

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-28-84			6392:45	ACTT Replaced ELT BATTERY. Next BATTERY REPLACEMENT JUN 86 - Alfred D Fullerton AP348401046
9-5-84				Re-installed co-pilot's attitude gyro and pilot's HSI after repair by Dunes Aviation, W. Mills ACP 1434125
9-7-84			6458:00	ACTT Installed Overhauled Exchanged Engine on Rt & Left. SN for Left off. L4370-61A SN on Left ON- L-3087-61A SN for Right off L1967-68A SN ON RH 827-68A. The following was accomplished on the cabin entrance door. Replaced seal for upper & lower door PN 187-542 Replaced upper door front & aft hinge & pin Assy. Replaced lower door forward hinge pin Replaced forward & aft door catch bushings PN 20737-44 & seals for external door handle. Installed R & L Airpump Inline filters & inlet filters cleaned & serviced BATTERY. Serviced Hyd Res (Fullerton) AP348401046

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-1-84			6506:00	ACTT Serviced Battery, Clw AD 82-16-05 by Inspecting Turbo charger exhaust clamp & flange. Alfred D Fullerton AP348401046
11-19-84				

THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.171 IAW FAR 43, APPENDIX "E" HAVE BEEN PERFORMED:

PARA (A) STATIC SYSTEM DATE NOV 19, 1984

PARA (B) ALTIMETER(S) DATE NOV 19, 1984

TESTED TO 20,35K FEET

MAKE AEROMECH 8140B-20 S/N 219

MAKE UNITED/LA-72-1 S/N A562

PARA (C) INTEGRATED SYSTEM DATE NOV 20, 1984

SIGNED [Signature]

WAUKEGAN AVIONICS, INC. C03-46
WAUKEGAN AIRPORT, WAUKEGAN, IL

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Dec 1, 1983			6144:15	Replaced right tire and lubed wheel bearings (A.R.) W. Mills A/P 1434125
1-20-84			6202:45	AC TT. C/W AD 82-16-05 Turbocharger Exhaust clamp C/W AD 82-27-13 R2 8-18-83 39-4707 A)2 by inspecting the Flap drive cable spline ends. DUE NEXT IN 500 HR. 6702:45 AC TT. SERVICED BATTERY, REPLACED Hyd Filter Elements (Rt & Left) CLEANED Airpump Inlet Filters Inspected Landing Gear, PERFORMED OPERATIONAL check of the Gear Emergency Extension system. REPLACED Rt hand overhead electroluminescent panel. PN 46895-00. Alfred D Fullerton AP 348401046
3-5-84			6263:20	AC TT C/W AD 82-07-03 Janitrol Heater. Inspection & Combustion Pressure Decay Test. AS PER Janitrol Maint & OH Manual 24E25-1. HEATER HOUR METER READS 1000 HR. NEXT DECAY TEST DUE IN 100 HR HEATER OPERATION (1100 HR HEATER) Alfred D Fullerton AP 348401046

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-2-84			6284:55	TTAC I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. C/W AD 82-16-05 by Insp
				TURBOCHARGER EXHAUST CLAMP & FLANGE. SERVICED BATTERY BRAKE & HYDRAULIC POWER PACK FLUID. REPLACED HYDRAULIC FILTER ELEMENT. (R & L) CLEANED AIRPUMP INLET FILTERS INSPECTED CLEANED & LUBED & PERFORMED OPERATIONAL TEST ON LANDING GEAR REPLACED ALL BRAKE LININGS (L & R) REPLACED L MAIN TIRE & WHEEL ASSY WITH SERVICABLE WHEEL WITH NEW TIRE. CHECKED EHT OPERATION Alfred D. Fullerton IA 348401046 AP
				Alfred D Fullerton AP 348401046
4-23-84			6292:00	Installed Co-Pilot's air speed SW 98289 after Dzus overhaul. W. Mills A/P 1434125
6-19-84			6383:50	AC TT C/W AD 82-16-05 by inspecting Turbocharger Exhaust clamps. L & R ENG. SERVICED BATTERY REPLACED HYDRAULIC & AIRPUMP INLET FILTERS L & R ENG. CLEANED INSPECTED & LUBED LANDING GEAR, OPERATIONAL CHECK OF EMERGENCY GEAR EXTENSION SYSTEM. Alfred D Fullerton AP 348401046

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-22-83	83	5960	:35	ACTT Replaced Director Horizon Indicator with Exchange unit from Castleberry PN 504-0001-911 Type DH 871A SN ON 3017 SN OFF C2550 Alfred D Fullerton AP348401046
9-23-83	83	6006	:30	ACTT. Clw Piper SL 959 PART II Replacement of Dukes 20:1 Flap Transmissions with Calco 40:1 Transmissions as per Piper kit 764-957L this kit. Installation allows for use of full 40° flaps again. Releasing the requirements of SB 494B, 739 PART I & III only and SL 958. Also is an alternative way of Clw AD 82-27-13 39-4456 effective 1-11-83. Installed Calco transmissions PN 8537 Piper PN 489-516. SN 306097 on left and SN 306082 on right. Checked flap operation & rigging on ground & in flight. Also serviced Hyd & Brake Reservoir, replaced Hyd filter & cleaned Air Pump inlet filters. Cleaned & greased & inspected landing gear, cycled gear & performed emergency gear extension. Ckd ELT operation. Alfred D Fullerton AP348401046

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-18-83	83	6063	:30	ACTT Replaced Heater combustion blower Assy with New Assy. P Fullerton AP348401046
10-25-83		6081	:35	ACTT Replaced A/C Battery with New. Gill PS12-24P11 PN 6246 P Fullerton AP348401046
11-1-83		6065	:55	Cleaned heater spark plug - set gap, checked heater per 100hr check list and operation checked satisfactory. Filled brake reservoir with fluid, replaced hydraulic filters, instrument air filters, and air pump inlet filters. Cleaned & greased & inspected landing gear. Pitot replaced lining and seals and housing, left tube replaced lining, serviced Hyd power pack. W. Mills At P14 74 125
11-14-83		6090	:05	ACTT Replaced Left Eng Fire Extinguisher PN 3011102 SN OFF 00220 AI Installed SN 03007AI Cylinder & Squib replaced as a unit. Alfred D Fullerton AP348401046

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-24-83	Cont:			of Flap actuator play - ok - inspection next due in 100 hrs Replaced with new, left flap drive cable. PN. 489-597 Checked torque on turbo support tube attach bolts as per SI 1384. Replaced brushes in heater combustion blower motor. Serviced battery, brakes, tires, hyd reservoir, struts. Lubed gear, performed emergency gear extension, replaced hydraulic filter and air pump inlet filter. Checked ELT operation, (last replacement date Jan 1984). Alfred D Fullerton Alfred D. Fullerton IA 348401046 AP
4-21-83	5746:20	ACTT		Removed, resealed, reinstalled & blead the pilots rt brake master cylinder, replaced the gear warning horn with a new horn. PN 565-274, replace lt gear down lock switch PN 487-862 20-11-83-09 readjusted as per MM. Cycled gear & checked emergency extension system. Alfred D Fullerton AP 348401046
4-28-83	5758:30	ACTT		Repaired pilots & copilot arm rest Alfred D Fullerton AP 348401046

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-6-83	5805:45	ACTT		C/W AD 82-27-13 PAR A3 by Insp of flap drives for play, replaced hyd filter, serviced reservoirs checked emergency extension of gear, replaced all brake pads with new. Alfred D Fullerton AP 348401046
6-16-83	5834:20	ACTT		changed rt main wheel & tire Assy. with serviceable wheel with new new brake disk & tire. Alfred D Fullerton AP 348401046
7-16-83	5906:30	ACTT		C/W AD 82-27-13 PAR A3 by Insp flap drive for play replaced hyd filter, serviced reservoir, checked emergency extension, replaced lt main wheel Assy with serviceable Assy & new tire. resealed lt main gear brake Assy. stripped paint, inspected, primed, painted nose fork and torque links - shimmed rt gear torque link. replaced rt main gear lb door forward bearing with serviceable bearing. All wheel bearings cleaned inspected & repacked. Alfred D Fullerton AP 348401046
8-11-83	5950:05	ACTT		Replaced with new left, main electric fuel pump installed PN. 53050-2 SN 13005 Alfred D Fullerton AP 348401046

Inline Airpump Filters

A/C BATTERY

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-1-82	5508:25	ACTT		CLW AD 81-11-03 by Inspection of Flap Drive play - cable end Insp Due at 5703 Hr. CLW AD 82-16-05 by Insp of turbo exhaust clamps. Resealed nose strut & serviced with fluid & Nitrogen. Installed new Airpump inline air filters PN 1J4 on both sides. Installed new Gill PS 12-24-P11 Battery. Serviced Brakes, Hydraulic Resivore, cleaned Air filter (Enging) Replaced Hyd filters, & Airpump inlet filters, cleaned inspected and greased Landing Gear. Operational test of L.G Retract system & EMERGENCY extension performed. — Alfred D Fullerton AP348401046
12-9-82	5556:50			Replaced both air pumps (left & swan 5J-353) SN on 3J 739 L.SW OFF 5H 777 RSW OFF 4H 377 PN LEFT 442 CW6 PNR 441CC7 — Millie HP 1424125
1-18-83	5599:15	ACTT		683:30 Both eng TSO Clw 82-08-6 which superseded 79-12-3 & 81-11-03. Inspected drive transmission play - Drive spline Inspection due at 5703 Hr. Clw 82-11-05 by Insp of turbo charger exhaust clamps Cont Next Pg

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-15-83	Cont.			And Flanges. Repaired cracked air duct flange on 1B side of Combustion Air motor for A/C HEATER. Removed serviced & REINSTALLED A/C BATTERY. Removed Lt Brake Cylinder, Honed RESEALED & REINSTALLED. Serviced Break & Hydraulic Resivores, Replaced Hyd filters & Airpump inlet filters. Cleaned inspected & greased landing gear. OPERATIONAL test of L.G Retract system & EMERGENCY extension system. Alfred AP 348401046
2-11-83	5633	ACTT		Replaced left main wheel & tire Assy with wheel Assy with new tire & Brake disk. Shimmed Lt main gear torque link upper & lower arm. — Alfred D Fullerton AP 348401046
3-23-83				I certify that this aircraft has been inspected in accordance with a Annual... inspection and was determined to be in airworthy condition. Dated 10-15-82 5702:00 ACTT TBL:15 Both Eng Hr. Clw AD 82-16-05 Inspection of turbo charger exhaust clamps and flanges - next due in 100 Hr. Clw AD 82-27-13 Dated 1-11-83 Part A1 Prior Compliance Part A.2. 500 Hr Insp of Flap drive cable splines. Due in 500 Hr (6202: Hr) Par A.3. 100 Hr Insp Cont Next Pg

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-29-82	Cont.			Blew out old oil from RH oil pressure gauge line & filled with light oil. Replaced flap roller bushings for RH flap on lower roller. - Serviced battery, brakes, tires. ELT operation OKed Alfred D Fullerton IA 348401046 AP
4-22-82	5237:45	AC TT.		Installed Propeller ICE shield kit 760 832 AS PER PIPER A/C Dwg 53865 Rev. B. Revised weight & balance and equipment list. Alfred D Fullerton AP348401046
5-18-82	5268:50	AC TT.		C/W AD 82-08-06 To prevent flap asymmetric extension AS PER SB 739 Part I & II C/W at annual inspection Part III restriction of flap travel with kit PN 764-396 C/W this date. effective date of AD 4-22-82 Also cleaned & insp & lubed all Flap roller bushings. Replaced several as needed. Alfred D Fullerton AP348401046
5-27-82		ACTT		REPLACE nose wheel & tire assy Alfred D Fullerton
6-9-82	5297:10	ACTT		Installed Pilot's Turn & Bank indicator PN 52D75-10-33V SU 1197C Edco AIR AFTER being OK'd by DUNCAN AVIATION. Alfred D Fullerton AP348401046
6-9-82				Installed primer Rec. light in wing tips [minor alteration, mounting by M. Waller 4/12/82]

Rec. ltr. P.N.
473-9811
30129056

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-11-82	5403:55	ACTT		C/W AD 81-11-03 by inspection of flap drive play due each 100hr, 500hr portion due at 5703:00 This AD supersedes AD 76-10-06 effective date of this AD 4-22-82 C/W AD 82-16-05 inspection of Turbo Exhaust flange & clamp each 100hr. Replaced all brake pads R & L & resealed right brake cylinder. cleaned - fuel strainers & air pump inlet filters - Replaced hydraulic filters Alfred D Fullerton AP348401046
9-20-82	5425:30	ACTT		I certify that the static system tests required by FAR PART 91:170 have been performed, the pilots altimeter was tested to 20,000 ft on 9-20-82 by BYRNE AVIATION LTD RS.No C03-11 Alfred D Fullerton AP348401046
10-13-82	5469:45	ACTT		Replaced. Right main tire & wheel assy with serviceable wheel & new tire. Alfred D Fullerton AP348401046
10-22-82	5498:40	ACTT		Replaced RH voltage regulator PN 550-390 with a serviceable NEW regulator. - Adjusted to 27.3 volts at 1500 rpm, 10 AMP load AS PER MAINT MANUAL Alfred D Fullerton AP348401046

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-19-82	Cont			GREASED prop's & landing GEAR. Cycled GEAR & performed operational ck of EMERGENCY landing GEAR extension system. GEAR warning system & anti retraction system. AD's cked thru 81-21 Alfred N Fullerton AP 348401046
1-27-82	5115:45			Installed NEW AIRCRAFT battery PS12-24 Alfred N Fullerton AP 348401046
2-3-82	5129:25	ACTT		REMOVED & REINSTALLED oxygen bottle AFTER being Hydrostaticly tested by Economy Fire & Safety Products Co. Inc. Bottle model Dot 3HT1850 37305V EE 152.1 next due in 3 years 1 of 85 Alfred N Fullerton AP 348401046
3-8-82	5171:00	ACTT		C/W AD 80-9-10 Dated 5-8-80 by accomplishing a 500HR OVERHAUL of the JANITROL HEATER Model B4050 PN 65D79-1 SN 3731924 AS PER INSTRUCTIONS in M.M. No. 11 D 74. the following NEW parts were installed - Combustion Liner PN. 85D38-1. Combustion Air Switch PN 07D34, Ignition vibrator PN 10D48 fuel spray nozzle PN 10BDO9 & spark plug also replaced all Gaskets. & tested (Cont)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-8-82	Cont			operation of Adjust switch - Cycling SW & Overheat switch. HEATER HR METER NOW READS 500.0 HR NEXT OH DUE AT 1000. HR on HR METER OR 24 months. Alfred N Fullerton AP 348401046
3-29-82				I certify that this aircraft was inspected in accordance with an ANNUAL Inspection and was determined to be in an airworthy condition. TTAC 5203:00 Both Eng He 287:15 CLEANED & Lubed landing GEAR, performed operational ck & EMERGENCY extension ck of GEAR. C/W RECURRING AD 76-10-06 wing flap transmission inspection for EXCESSIVE WEAR - Next due in 100HR. C/W RECURRING AD 79-12-03 RI Inspection of turbo exhaust clamps. Replaced with new the clamp on RH ENG - Insp next due in 100 HR. C/W PIPER SB 739 Part I placarding & Revising Flight Operating Handbook Part II detailed inspection of wing flap flexible shaft Assembly. (Inspected ok) Part III DUE before Aug 1 1982 - Kit on order - Restriction of flaps to 25° extension. PART II inspection DUE in 500 HR. C/W SL 755 Insp & lube landing GEAR lock Act Rod & Rod ends. RESEALED pilots LH BRAKE master cylinder & bleed brake. Replaced with NEW LH ENGINE Prop control cable AND Tachometer drive cable. Cont next Pg

19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-5-81	Cont	---		REPLACED RT MAIN TIRE ALSO REPLACED RIGHT BRAKE DISC WITH NEW DISC, CLEANED & LUBED LANDING GEAR. AD'S CHECKED THRU 81-19 Alfred D Fullerton AP348401046
10-13-81	5017:20	TTAC		REPLACED WITH NEW LEFT AIR PUMP PRESSURE REGULATING VALVE MODEL 2H22-11 SN ON 9D681 ADJUSTED AS PER MAINTENANCE MANUAL Alfred D Fullerton AP348401046
10/16/81				Removed SG-832A S/N 2703 & installed with SG-832C S/N 2420X. S/N 2420X did not work in m.
				Replaced with PN 4000-869-3201 S/N 2299
				Brad Tamplin 297-36-6523
				OHIO AVIATION CO. Certified Repair Station Number 3719 Dayton International Airport Vandalia, Ohio
11/17/81	5043:20	ACTT		Removed RT brake assembly & RESEALED ALL Pistons, REINSTALLED BLEED & CKED BRAKE OPERATION. — A Fullerton AP348401046

19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-8-81	5067:15	TTAC		CW AD 81-15-04 #394155 Dated 7-15-81 by installing kit No 764.054 which REPLACES the outboard elevator hinge assembly. This kit was installed on Lt Horizontal stabilizer. Kit No 764.055 was installed on RH Horizontal stabilizer on 7-22-81 4879:25 which REPLACES a part of the REAR SPAR in addition to the hinge ASSY. THESE two kits eliminate the REPETITIVE INSPECTION REQUIRED in SB 687 AND AD 81-15-04 Alfred D Fullerton AP348401046
1-15-82	5100:35	TTAC		Replaced ELT BATTERY - NEW BATTERY EXPIRATION DATE JAN 1984. CHECKED ELT OPERATION. Alfred D Fullerton AP348401046
1-19-82	5103:00	ACTT		CW AD-81-11-03 Dated 5-22-81 by inspecting flap transmission CW AD 79-12-03 RI Dated Sep 1-80 by inspecting Turbo exhaust flange & clamps. THESE TWO AD DUE AGAIN AT 5203:00 ACTT. SERVICED BATTERY, BRAKES, Hyd power pack, REPLACED Hyd filters, CLEANED ENGINE AIR filters, & AIR-pump inlet filters ALSO CLEANED FUEL STRAINER FILTER. — Cont Next Pg

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-28-81	Cont:			Next Insp on lt side due 5015:45 ACTT. CW AD 79-12-3 RI Dated Sept 1 1980 - Turbo Exhaust clamp & Flange inspection. by inspection of flanges & replacement of clamp. PN MVT 68049-450M Next Insp due 5015:45 Next clamp replacement due 5915:45 (1000HR), SERVICED A/C BATTERY, Hydraulic & Brake RESERVES. And Adjusted BEAR STRUT EXTENSION. Offical ID Fullerton AP348401046.
9-2-81	4918:0			Installed H31 IN831A SN 3654 AFTER having REPAIRED by Metro Aircraft Instruments. Also installed RADAR Ant/RT unit mod 4001018-606 SN 7282 AFTER REPAIR by Bendix Corp. Offical ID Fullerton AP348401046 -
9-17-81	L			4950:40hrs Removed & Replaced L. MLC tire with a new tire. Removed L. MLC Brake Disc P/N 164-44 and replaced with a new unit. David D. [Signature] A/P 2226068

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-14			4937:40	Removed both L & R Alternator Regulators P/N 550-390 S/N 1261 & S/N 982. Replaced with 2 new regulators same P/N S/N 846 & S/N 2924. Adjusted same per maint. manual spec. David D. [Signature] A/P 2226068
10-5-81			5001:00	ACTT CW AD 81-11-03 39-4113 5-22-81 Insp of Flap Transmission AS PER SB 494B. DUE NEXT in 100 HR 5101 HR. CW AD 81-15-04 394155 7-15-81 by inspecting lt CB ELEVATOR Hinge AS PER SB 687 Insp due 100 HR 5101. At ELEVATOR hinge has RT installed eliminating inspection. CW AD 79-12-03 RI 39-3895 Sep 1-80 Turbo EXHAUST CLAMP & FLANGE Insp DUE 100HR 5101:00 HR - SERVICED BRAKE & HYDRAULIC FLUID. Replaced Hyd filters, cleaned AIR FILTER FOR ENG & AIR PUMP INLET FILTERS SERVICED FUEL STRAINER BOWLS. PERFORMED OPERATIONAL CHECK of EMERGENCY landing GEAR EXTENSION SYSTEM, Replaced LEFT GEAR door Hyd Actuator with NEW, PN 455-946. Cont Next Pg

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-2-81 (Cont)	SN	DJ 6192		with BLADE DESIGN FC 8468-6R SN. E50750 SN E50757 SN E48869. Also Replaced both Aft Spinner bulkheads with NEW. Propellers overhauled by AIRCRAFT PROPPELLER SERVICE Inc, Total Propeller Time 1500:00 HR. Time since overhaul & compliance with AD 77-12-6 - "O" Hrs Alfred D Fullerton AP348401046.
7-22-81	4879:25	TTA/C		CLW AD 81-11-03 39-4113 5-22-81 Inspection of Flap transmission AS PER Piper SB 4948 This AD SUPERSEDES AD 76-10-06 DUE EVERY 100 HR NEXT DUE 4979:25. CLW AD 81-15-04 394155 7-15-81 Horizontal stabilizer REAR SPAR AT OBELIVATOR Hinge. by installing Piper kit 764-055 on Right side which eliminates the 100HR insp requirement on the Right side. Inspected Lt side AS PER PIPER SB 687 which is Required each 100 HR next due 4979:25. CLW 79-12-03 R1 39-3895 SEP 180 Turbo exhaust clamp & Slang insp. DUE EACH 100HR cleaned & repacked wheel bearings, serviced Brakes & Hydraulic System with fluid cleaned, lube & performed Cont-

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-22-81 - Cont.]				operational check of landing gear, serviced battery, AD's checked thru 81-13 (Fullerton) AP348401046
8-10-81	4911:05	ACTT		Replaced all brake linings on both main gear. with new Alfred D Fullerton AP348401046
8-28-81	4915:45	ACTT.		Replaced both Rt & Lt engines with overhauled engines from GEN AIRCRAFT Inc FAARS No 3125, removed left T10540-J2BD SN L3661-61A installed same model eng SN L4370-61A, removed Right. LT10540 J2BD SN L-613-68A installed same model engine SN L1967-68A; also at this time replaced drive end seal in Freon compressor, replaced seals in Lt main gear actuator; cleaned Lt wing & tail surface deice boot solenoid valves & replaced surface deice boot solenoid valve for Rt wing; cleaned & greased landing gear. checked emergency extension system. CLW AD 81-11-03 dated 5-22-81 by inspection of flap transmission AS PER Piper SB 4948. next due at 5015:45 ACTT CLW AD 81-15-04 dated 7-15-81 on Horizontal stabilizer REAR SPAR Ob Elevator Hinge. by insp Lt side, Rt side has kit installed Cont Next Pg

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
------	---------------------	---------------	-----------------------	--

3-24-81 - Remount A/C Radar. Installed Bendix RDR160 color Radar. Revised weight and balance and AIRCRAFT component list.

The Appliance identified above was repaired and inspected in accordance with the regulations of the Federal Aviation Administration and returned to service. Pertinent details of this repair are at this Repair Station under Order # 2561. Station # 327-81. Signed Richard C. Witt For King Aircraft Electronics, Inc. GRS # 3237

New Aircraft empty weight 4780.4
 New Aircraft C.G. 124.04
 New Aircraft useful load 2219.6
 Moment 596530.3

3-26-81 4656:55 TT Replaced RT & LT Fire extinguisher cartridges. PN 13083-5 Lot # H0108K002-027, SERVICE DATE 3-81 DUE FOR REPLACEMENT AGAIN IN 4 YEARS (in 3-1985) CARTRIDGES supplied by HTL INDUSTRIES INC. Alfred D Fullerton A&P 348 401046

4-13-81 4680:55 Replaced Aircraft Battery PS12-24 with NEW BATTERY SAME PS12-24. Alfred D Fullerton AP 348401046.

5-12-81 Replaced Bendix Power supply SN 2626Y overhauled by Piedmont Aviation W O 2 T 875 W Mills A&P (14) 425 PN 400289-550V MOD PS 815B (COMPSS)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
------	---------------------	---------------	-----------------------	--

5-16-81 4746 Total A/C Hr. Complied with AD 79-12-03 R1 39-3895 Sep 1-80 Inspection of Turbo Exhaust clamp & flanges. DUE EVERY 100 HR. C/W AD 76-10-06 39-2613 5-21-76 Flap Flexible drive insp DUE EACH 100 HR. C/W SL 885 Aileron & elevator control systems Hardware replacement. Replaced several rivets on lower surface of lt flap in exhaust path area. Replaced nose gear actuator hydraulic flex hoses, Replaced hydraulic filters. and Air pump inlet filters. cleaned & lubed landing gear, cycled gear, operational check of emergency gear extension & gear warning lights & horn completed. Replaced rivets securing upper entrance door support bracket to door. used cherry max rivets. — END — Alfred Fullerton AP 348401046

6-2-81 - 4775:40 AC TT 1499:10 ENGIN HR Right engine; Removed propeller Hartzel model HC-E3YR-2ATF SN DJ 1569 and installed Hartzel prop same model, SN DJ 1678 with blade design FJC-8468-6R SN, E52874 SN E52856 SN F53760 Left engine; Removed propeller Hartzel model HC-E3YR-2ATF SN DJ 520 installed Hartzel prop same model (cont) Cont next Pg

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-6-81	Continued			Next Insp due 4642:15 Clw SB 643A Piper by inspecting for clearance between oil manifold pressure tubes, with the air conditioner condenser scoop actuator arms. Clw Piper SB 450 (Lycoming) by installing kit ^{PN 468225} AW 46730 on left engine Turbocharger bypass valve. (left engine clw previously.) Replaced right main tire & right brake linings. Replaced brushes for A/C heater combustion air motor. END <i>Reford D Fullerton A&P 348401046</i> Clw Piper SB #700 by zygloing nose wheel PN 40-76B no cracks found, recurring inspection due each tire change. END. <i>Reford D Fullerton A&P 348401046</i>
1-6-81			4542:15	Complied with AD 80-20-04 Amendment 39-3925 10-1-80 As per Piper SB 693 to the cowl to engine barrel sealing AD 80-1706 Amendment 39-3874 8-13-80 Air speed placard Prior compliance as per SB 688 <i>Reford D Fullerton A&P 348401046</i>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-12-81			4546:50	REMOVED + REPLACED KX175B NAV/COMM SYSTEM (#2) KING PART NO. 069-1019-00, SERIAL NO 6427, REPLACED WITH KING PART NO. 069-1019-00, SERIAL NO. 8102. <i>James J. Heisman</i> <i>A&P 361480989</i>
1-16-81			4554:05	Removed 1T76 TRANSPONDER, INSTALLER 1K76A Transponder - weight change required. The ATC transponder tests and inspections required by FAR 91.177 were performed this date and found to comply with FAR 43 Appendix F. Transponder Model 1K76A SN 24337 Details of this inspection are on file at this repair station under W.O. No. 2419 Date 1-16-81 Signed <i>John Fleming</i> KERN'S AIRCRAFT ELECTRONICS INC. CRS #3237 MICHIANA REGIONAL AIRPORT SOUTH BEND, IND. 46628 The Appliance identified above was repaired and inspec- ted in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Order No. 2419 Date 1-16-81 Signed <i>John Fleming</i> For Kerns Aircraft Electronics, Inc. CRS #3237

DATE 19 <u>80</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				BOLTS INSTALLED ALSO IN BD & OUTBD. ON LT. SIDE. Dale Fullerton ^{AEP} 337481956
11-3			4484:55	INSTALLED IN PILOTS OPERATING MANUAL - (REVISION LETTER) PART No. 761486, REVISION No PR 800329. AS PER INSTRUCTIONS.
12-1			4504:30	Complied with Piper S/B #636 Bulkhead Reinforcement at Sta. 317.75, by installing Piper S/B Kit #764-028. Complied with A.D. Note (Piper) #80-22-04 amendment #39-3943. Sections (A)(B)(D). David D. Conner ^{AEP} 222668
12-3			4504:30	Installed Volt meter & 1 AMP Circuit breaker. Voltmeter PN 43816 SN 550-767 DATED Aug 79 Alfred D. Fullerton AEP 348401046

DATE 19 <u>80</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-8			4513:25	REMOVED & REPLACED KX175B NAV/COMM. SYSTEM (NUMBER 2 SYS.) KING PART NO. 069-1019-00. SERIAL NO. 8107, REPLACED WITH KING PART NO. 069-1019-00 SERIAL NO. 6427 James Adman AEP 361480989
12-17			4526:26	Replaced pilots control wheel cable assembly FOR ELECTRIC trim & mike button with NEW cable PN 26934 00, Alfred D. Fullerton AEP 348401046
1-6-81			4542:15	Lubed & cycled landing GEAR. OPERATIONAL check of EMERGENCY landing gear extension. SERVICED BRAKE & HYDRAULIC RESERVOIRS. C/W RECURRING AD 80-26-5 PIPER SB682 100 HR INSPECTION OF INBOARD GEAR DOOR hinges PN 46652. Next due 4642:15 HR C/W RECURRING AD 76-10-6 PIPER SB496 100 HR INSPECTION OF SLAP TRANSMISSION ASSEMBLY. Next due 4642:15 HR. C/W RECURRING AD 79-12-3 100 HR INSPECTION OF TURBOCHARGER EXHAUST CLAMP & FLANGES
AD No	Amendment	Date		
80-26-5	39-3944	12/19/80		
76-10-6	39-2613	5/21/76		
79-12-3	39-3183	6/8/79		

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1980 9/16				Replaced both air pumps and both air filters. W. Mill HP 434025
				9/16/80
				Left Pump SN 4F1153
				RT " SN 5F753
9-25-80			4369:35	Removed Pilots HSI P/N IN831A S/N 2653X and installed same P/N s/n 3654. Installed Aircraft Heater after overhaul by Tom Zuber Aviation which complies with United A.D. Note # 80-09-10, this overhaul will be due in 500 hrs of Heater overhaul time or at 9-25-82. Heater ^{model} B4050 P/N 65079-1 S/N 3731926. David D. Orman A/P 2226068
9-29-80			4382:20	Installed a hourmeter for heater operation time. David D. Orman ^{monitoring} A/P 2226068

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-16			4438:47	I CERTIFY THAT THE ALTIMETER & STATIC SYSTEM TESTS REQUIRED BY FAR. PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO 20,000 FT. ON 9-23-80. I INSTALLED THIS ALTIMETER P/N 8140B-20; S/N 1999E AND REMOVED ALTIMETER SAME P/N, S/N 1812 ON 10-16-80 ON PILOTS SIDE David D. Orman A/P 337481956
10-23			4450:45	COMPLIED/W A.D. 79-12-03 RECURRING INSP OF TURBO EXH. CLAMPS THIS INSP. NEXT DUE @ 4550:45 HRS; ALSO COMPLIED/W A.D. 76-10-06 INSP. OF FLAP JACKSCREWS (INSP. PORTION) THIS INSP. NEXT DUE @ 4550:45 HRS David D. Orman A/P 337481956
10-24			4463:40	LUBED LANDING GEAR, ALSO CHANGED LT. OUTBD. & LT. INBD. ELEVATOR HINGE BEARINGS P/N 452-386 NEW HINGE

DATE 1980	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-15	429:00	TT		REMOVED & REPLACED PILOTS TURN & BANK INDICATOR P/N 52075-10-28V; ON S/N 11971C; OFF S/N 10987C; ALSO COMPLETED IN AD. 80-17-02 Valley AEP 337481956
8-26	4316:55	TT		REMOVED & REPLACED AC POWER SUPPLY P/N PS 815B S/N OFF 2129; S/N ON 2525X Valley AEP 337481956
8-25			4316:55	Piper Service Letter 820 Replacement of LiSo2 ELT Batteries does not apply to this aircraft ELT. Rescue 88 Corral P/N 627674-1 9/163C1332 installed. (Magnesium Batteries) <i>David D. Jones AEP 2226068</i>
8-28			4321:05	INSTALLED NEW PADS ON LEFT BRAKE P/N 752-363 ALSO INSTALLED NEW PRESSURE PLATE ON LT. BRAKE P/N 757-240 & TWO NEW BACK UP PLATES P/N 757-240 Valley AEP 337481956

DATE 1980	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-5			4336:45	Removed Rt. Inbd. Glass door actuator P/N 455 946 and installed P/N 455 961 new actuator. Removed Ejector flow control Valve for tail device Boots P/N 302314-07 and installed same P/N new Valve <i>David D. Jones AEP 2226068</i>
9-10			4343:	Complied with Insp portion of AD. Note 76-10-06 (Piper) Flap Jackscrew Inspection. This insp. will be next due @ 4443 hrs. <i>David D. Jones AEP 2226068</i>
9-16			4353:35	COMPLIED WITH RECURRING INSP. OF TURBO EXH CLAMPS & AREAS AD. 79-12-03 THIS INSP. NEXT DUE @ 4453 HRS. ALSO CHANGED TURBO CLAMPS AS PER PIPER SERVICE BULLETIN 644 CLAMPS NEXT DUE CHANGE @ 5353:35 HRS. ALSO LUBED LANDING GEAR; ALSO COMPLIED WITH INSP. PORTION OF A.D. 76-10-06 FLAP JACK SCREW INSP. THIS INSP. NEXT

DATE 1980	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-29-80			4139:05	Jacked aircraft, lube & cycled landing gear, emergency gear extension performed. Removed & replaced Marker Beacon Antenna installed Comant Antenna P/N CI 102. Battery Box repaired. Complied with recurring insp. Turbo Charger Exhaust Clamp per (Piper) A.D. Note #79-12-03, this insp. next due @ 4239:05 hrs. Complied with Recurring Insp. of Wing Flap Jackscrews per (Piper) A.D. Note #76-10-06, this insp. next due @ 4239:05 hrs. Removed & Replaced Left Cabin Ventilating Blower Motor with a overhauled unit. David W. Orms A/P 2226168
6-20-80			4119:10	Removed Pilot's Artificial Horizon Flt. Director P/O DH 841A S/N 01706 and installed same P/O S/N C2550 overhauled unit. David W. Orms A/P 2226168

DATE 1980	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-30-80			4214:45	Replaced Battery, installed ^{O.H.} waste gate left engine (S/N CG 0174 ON) (S/N EA 0220 off) Installed overhauled Alternator Right engine (S/N 2 H 000 157 ON) (S/N 9 H 00 0013 off) Wayne J Mills ATP 1434125
7-22			4249:50	LUBED & cycled ^{GENIC} also changed nose tire & tube also nose wheel bearing cup changed; complied with recurring insp. of flap jackscrews per Piper A.D. note 76-10-06 insp. next due @ 4349:50 hrs, also complied with Piper service bulletin no. 688 & 690. Dale Hamilton ATP 337-481956
7-28-80			4252:15	Complied with Piper S/B No. 647 by installing Kit # 763-986. Complied with Piper A.D. Note # 80-14-06. David W. Orms A/P 2226168

DATE 1950	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-5-80			3961:35	Removed & Replaced Rt Cabin Ventilator blower motor with a new unit. Removed & replaced Rt. Propeller Governor Control Cable w/ a new cable P/N 24894-17. I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. David D. Dimes A&P 22260681A.
3-27-80			4040:35	Removed E.L.T Battery P/N 758 281 and replaced with same P/N Battery which is due to be changed December 1981. David D. Dimes A&P 2226068
4-4-80			4051:20	Landing gear lubed and cycled up & down on jacks. Removed and overhauled both MLG tires wheels, new tires installed L & R Co. 50-10 8PR. Both Brake discs removed & replaced P/N 164-44 w/ new units. Complied w/ Recurring Insp. of Turbo-Charger Exhaust

DATE 1980	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Clamp per Piper A.D. Note 7942-03 this Insp next due @ 4151:20 hrs. Complied w/ recurring Insp. of Wing Flap jackscrews per Piper A.D. Note 76-10-06 this Insp. next due @ 4151:20 hrs. David D. Dimes A&P 2226068
4-22-80			4077:30	Removed flap position Indicator and modified per d.D. 80-08-05. (Deleted words "TAKE-OFF RANGE") Flight Manual supplement #1750 inserted into Flight manual. Complied with Piper A.D. Note 80-08-05 and Piper 3/B 684 PART I & II. David D. Dimes A&P 2226068
4-22-80			4077:30	Removed & replaced with new; anti-retraction gear solenoid P/N 000487155. Steven TerHark A&P 341465502

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1979				
12-28			3912:40	REMOVED ACFT. BATTERY P/N PS12-24 & INSTALLED NEW BATTERY P/N PS12-24 Dale Hamilton A/P 337481956
12-27			392:40	Removed L. Continuous Running Boost Pump (Fuel) & Replaced w/ A new 286-64 Boost Pump. David J. Quinn A/P 2226068
1-14-80			3936:15	Complied with Piper S/L # 866 Windshield Wiper Arm Retaining Wire Installation. David J. Quinn A/P 2226068
<p>The ATC Transponder test and inspections required by FAR 91.177 were performed this date and found to comply with FAR 43 appendix F. Transponder model <u>AT 70</u> S/N <u>11634</u> Details of this inspection are on file at this repair station under W.C. No. <u>5467</u> Date <u>1-21-80</u> Signed <u>[Signature]</u> Dyno Aviation Ltd. 699-01 Waukegan Memorial Airport Waukegan, Illinois 60085</p>				

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1980				
1-21			3951:50	Replaced auto-pilot elevator servo after Bendix Overhaul SN 4273, installed Bendix HSI SN 2653X after overhaul by Metro Aircraft Inspection to Disc. Portair Mich. W.O. # 19585 dated 1-16-80. Wayne J. Mills A/P 1434125
2-5-80			3961:35	Complied Piper S/L # 872 Alternator Wiring Insp. & terminal replacement, also S/L # 755A & tube only of Landing gear Lock Actuator Rods. Complied with Recurring Insp. of Turbo Sph Clamps per Piper A.D. 79-12-03 next due @ 4,061:35 hrs. w/ both L & R Clamps due change @ 4,277:40 hrs. Complied w/ Recurring Insp. of Wing Flap jackscrews per Piper A.D. Note 76-10-06 Insp. next due @ 4,061:35 hrs. Replaced Fuel Hing. bearing P/N 25704-00 on Rt. Inbd. MLC. Door. Removed Rt. MLC Brake Housing & wear pads & replaced corroded housing P/N 61-34 & all six pads continued on next page

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19-79				
10-5			3759:55	Piper service bulletin 604A q/w by installing Kit# 763 923 and inspection of rivets. Rivets were OK, no replacement required. W. Mills A&P 143425
10-5			3759:55	Complied w/ Piper S/B's #643 Oil & MAN. pressure tube inspection and #645A Cross-feed valve inspection. David W. Dimes A&P 2226068
10-17			3770:30	Combustion Heater removed from aircraft, disassembled cleaned & checked for cracks. Cleaned fuel nozzle. No defects found. Re-installed and operational checked O.K. W. Mills A&P 143425
10-23			3774:30	Removed Co-Pilots Directional Gyro P/N 4000 B-5 S/N 8747B and installed overhauled Gyro P/N 3110K S/N 23188. David W. Dimes A&P 2226068
11-6				Replaced Left Brake linings W. Mills A&P 143425

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19-79				
11-21			3851:30	100 hr. inspection performed on this aircraft this date. A.D. Note #76-10-06 Piper Flap Trans. Snap. C/w next due @ 3951:30 hrs. #79-12-03 Piper Turbo Exhaust Clamp Snap. C/w next due @ 3951:30 hrs. Replaced lock pin rollers on Lower Main Entrance door. This aircraft found to be airworthy. David W. Dimes A&P 2226068
11-26			3860:10	CHANGED PNEUMATIC IN-LINE FILTER LT. SIDE P/N 154-6 Dallas A&P 337481956
11-29			3868:35	INSTALLED NEW BRAKE HOUSING ON LT. BRAKE P/N 753-968 AND RESEALED PISTONS Dallas A&P 337481956
12-11-79			3883:20	Removed & Replaced Pilots Remote Dir. Gyro. model No. 400099-8504 (Bendix) S/N 1261X Removed & same model S/N 2049 installed. David W. Dimes A&P 2226068

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
------	---------------------	---------------	-----------------------	--

8-27

BYRNE AVIATION LTD.
FAA REPAIR STATION CO3-11

Waukegan Memorial Airport
United Instruments 312-336-8020 Waukegan, Ill. 60085

Model No: LA-72-1 Serial No: A862

ALTIMETER/ENCODER

Range: Altimeter, -1000 to 20,000 ft. Encoder, -1000 to _____ ft.
This altimeter complies with Appendix E, Part 43, CH. 7, Section 91, FAA Regulations.

DATE: 8/27/79 Test By: DMB Lighting: V. AC or DC

Test Point (feet)	Scale Error (feet)
5000	0
4000	0
3000	0
2000	0
1000	0
0	0
-1000	0
18000	0
20000	+10
22000	
25000	
30000	
35000	
40000	
45000	
50000	

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.170 HAVE BEEN PERFORMED, THE ALTIMETER WAS TESTED TO 20,000 FEET ON 8-27-79. *Albert G. Albini, Jr.*
8-27-79
A#P 1579774

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
------	---------------------	---------------	-----------------------	--

9-4-79

AIRCRAFT NOT TO BE FLOWN IN ANY ICING CONDITIONS.
BOTH HORIZONTAL TAIL DE-ICE BOOTS NOT INSTALLED AT THIS TIME. BOOTS WILL BE INSTALLED WHEN AVAILABLE

David A. Jones CR23850

10-4

Boots installed at Elgin Ill by Tufts - Edgcomb
Icing restriction deleted. *W. M. Smith HP 143405*

~~9-21-79~~
~~10-5-79~~

3,746:45 Landing gear greased, Pilots Turn Bank
P/N 52D75-10 Removed and replaced with
overhauled unit. Complied with Piper AD.
Note #76-10-06. Flap Transmission Insp.
next due @ 3,846:45 hrs. and C/O Piper
AD. Note 79-12-03 Efh. Insp. next due @
3,846:45 hrs. Removed all six "P" leads
from Engine compartments & replaced w/
new leads. *David A. Jones*
A#P 2226068

9-27-79

3,746:45 Complied w/ Piper 5/8 649 and Piper A.D. Note 79-12-02.
David A. Jones
A#P 2226068

DATE 1979	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-23			3,572:15	REMOVED NOSE WHEEL AND TIRE AND INSTALLED NEW WHEEL MODEL NO. 40-76B AND NEW TIRE OF THE SAME SIZE 6.00-6, 6PR. REMOVED RIGHT MAIN TIRE AND INSTALLED NEW TIRE OF THE SAME SIZE 6.50-10, 8PR. REMOVED RIGHT MAIN BRAKE PADS AND INSTALLED NEW PADS. <i>Del Hamilton AEP 337481956</i>
7-3			3653:40	COMPLIED WITH PIPER A.D. NOTE 76-10-06 PER 100 HR. REPETATIVE INSP. REQUIREMENT LUBED LANDING GEAR & PERFORMED NORMAL & EMERGENCY GEAR EXTENSION. <i>Del Hamilton AEP 337481956</i>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-14-79			3681:40	REPLACED ALL WING & TAIL LEADING EDGE SKINS, ALL DE-ICER BOOTS, BOTH PROPELLER SPINNERS & RADOME WITH NEW PARTS. The aircraft and/or component identified on this repair order was repaired in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under this repair order. 6431 Dated <u>8-14-79</u> Signed <u>David A. Hanner</u> FAA APPROVED REPAIR STATION No. 3250 This Aircraft painted w/ IMRON of the following Colors white #8174, Lt. Green #79039, dk green #7498; by Goodner Bros. of Mena Arkansas
8-15-79				

AIRCRAFT RECORD - GENERAL INFORMATION

MANUFACTURER Piper MODEL PA-31-350 SERIAL 31-7405409

REGISTRATION NUMBER N371MC DATE MFG. _____

ENGINE(S) CURRENTLY INSTALLED.

MFG Lyc. MODEL T10-540-J2bd. SERIAL L-3661-61A

MFG Lyc. MODEL LT10-540J2bd SERIAL L-613-68A

PROPELLER(S) CURRENTLY INSTALLED.

MFG Hartzell MODEL HC-E3YR-2AT
HC-E3YR-2ALTF

HUB MODEL _____ SERIAL _____ SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____

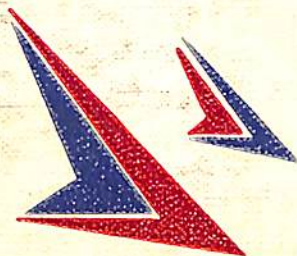
The Standard



AIRCRAFT LOG

N371MG

AIRCRAFT LOG No. 2



PIPER AIRCRAFT CORPORATION

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-21-79	Brought Forward →	3562:35		attach link P/w 71086-03 and Piper A.D. Note #79-01-04 with recurring inspection Note #76-10-06 this imp. Removed and replaced LMCB chart and Emergency gear
5-23-79				This Log book is being
Total To Carry Forward				

Registration No. 371MC

and Remarks	Signature	Certificate No.
This is the closing action of 3/8626 now fully complied with. Complied of T-lap Transmissions per Piper A.D. will be next due at 3,662:35 hrs. Landing gear greased per lube extension performed.	David D. Omas	AIP2226668
Replaced by a new book.	David D. Omas	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	3509:00		
5-7-79		3546:35		Complied with the issued on May 3, 1979 found to be Airworthy.
5-21-79		3562:35		Removed & replaced Co-Pilot Elevator Control stop Insp charger Exhaust Coupling (Piper) (recurring). Complied with Down Spring. Removed a bungee spring P/N 71056-
Total To Carry Forward				

Registration No. 371MC

and Remarks	Signature	Certificate No.
following Emergency A.D. Note Aircraft checked on 5-7-79 and Control Wheel Shaft Tube Rollpin Insp.	AD 79-14-02 (R) James J. Husman	ATP 361480989
windshield P/N 41590-00. Complied with per 5/13 649 (Piper). Complied with Turbo-Insp per a 100 hr. requirement per 5/13 644 Piper 5/13 626 Replacement of Elevator Spring P/N 42377-02 and replaced with also installed a new Elevator spring		

"continued on next page"

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-2-79	Brought Forward →	3403:35		Removed and resealed Parking Brake valve.
3-5-79		3404:05		Replaced Bendix
3-9-79		3418:20		Removed; Replaced ELT require replacement in
4-3-79		3468:25		100 hr. Insp. complied and 79-01-04 (Piper) both @ 3568:25. This aircraft
4-19-79		3509.00		I certify that the altimeter Part 91.170 have been
Total To Carry Forward				to 25000 ft. on 4-19-79.

Registration No. 371mc

and Remarks	Signature	Certificate No.
Right Brake master cylinder and Both Brakes Bled.	David D. Quinn	A/P 2226068
Compass gyro (Lift) [5N 1261X in.]	W. Mills	A/P 1434125
Battery P/N 758-281 This Battery will April of 1980.	David D. Quinn	A/P 2226068
with, A.D. Notes 76-10-06 (Piper) of these. A.D. Notes will be due again found to be airworthy.	David D. Quinn	A/P 2226068
and static system tests required by FAR performed. The altimeter was tested	Steven L. Tentake	A/P 341465502

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-19-79	← Brought Forward →	3337:15		Oxygen Bottle removed and Hydrostatically Tested, Bottle # 1CC3HT in 1982, JAN. O ₂ Bottle Reinstalled & Tested & Replaced w/ a new PS 12-24 Battery s/n 002358.
1-23-79		3341:45		Repacked nose gear
2-2-79		3366:40		Complied with the following of Flap Transmission and Downspring Insp.
2-26-79		3401:05		Removed ENGINE GAUGE with ENGINE GAUGE
Total To Carry Forward				

Registration No. 371MC

and Remarks	Signature	Certificate No.
and Hydrostatically Tested, Bottle # 1CC3HT in 1982, JAN. O ₂ Bottle Reinstalled & Tested & Replaced w/ a new PS 12-24 Battery s/n 002358.		
David D. Omas AP 2226068 strut (new "O" rings) W. Mills AP 143425		
A.D. Notes 76-10-06 (Piper) Insp Piper A.D. Note 79-01-04 Elevator David D. Omas AP 2226068		
Model # 14378 and replaced Model # 22-804-020 Allied Aldair AP 359363075		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-5-79	Brought Forward →	3312:25		Complied w/ Piper A.D. Note w/ Insp portion "ONLY" of portion of Piper S/B 626. AD. w/ Piper A.D. 76-10-06 Flap 3,412 hrs.
1-10-79		3320:00		Aircraft inspected per installed do not fall within
Total To Carry Forward				

Registration No. 371MC


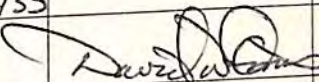
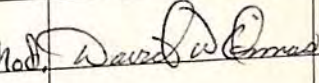
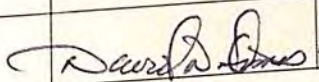
and Remarks	Signature	Certificate No.
78-26-11 by compliance with Piper S/B 621. Complied Piper A.D. Note 79-01-04 by compliance w/ Insp. 79-01-04 will be due again @ 3,412 hrs. Complied TRANS. Insp. this insp. will be due again @		
I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.		
David D. Ormas A/P 2226068 IA.		
replacement Airworthiness January 23, 1979		
Harry W. Herring A/P 6400-3		
Piper S/B 629 dated Nov. 15, 1978. Hoses this S/B. S/B 629 N/A this Aircraft.		
	David D. Ormas A/P 2226068	

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-23-78	Brought Forward →	3179:35		Removed Elevator Trim Cables P/N 41734-38 REAR (Broken) Cables. Elevator Sys. (Trim) manual.
9-24-78		3186:00		Removed Cracked Nose $\frac{1}{2}$ Replaced w/a new Housing Assy. same P/N.
10-18-78		3229:55		Removed L.M.L.G. Door $\frac{1}{2}$ Overhauled w/all new seals.
10-27-78		3262:20		Complied w/ Piper A.D. Insp. Requirement. Lubed
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Cables P/N 41734-28 Front $\frac{1}{2}$ P/N $\frac{1}{2}$ replaced w/ Locally manufactured Rigger $\frac{1}{2}$ Tensions ck'd per maint.	David D. [Signature]	A/P 2226068
Gear Housing Assembly P/N 40273-00	David D. [Signature]	A/P 2226068
Actuator Assy # OAS 2924-3 S/N 3015	David D. [Signature]	A/P 2226068
Note # 26-10-06 per A 100hr repetitive Landing gear.	David D. [Signature]	A/P 2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7-15-78	Brought Forward →	3046:35	2663.1	Complied w/ Piper S/L Actuator Rod & Rod End Brgs. Note # 78-05-05 by command door Latch Sys Refinement
8-17-78		3121:05		Removed Rt. Continuous installed Model # 2B6-50
8-18-78		3121:05		Complied w/ Piper S/B604
9-8-78		3160:25		Complied w/ Piper A.D. Repititive Insp. Require - performed Emergency
Total To Carry Forward				

and Remarks	Signature	Certificate No.
#755A Insp. of Lobe of Ldg. Gear Lock Assemblies. Complied with Piper A.D. compliance w/ Piper S/L #803A cabin		AIP 2226068
Boost Pump Model # 2B6-50 S/N 5C-262.		AIP 2226068
Fwd. Baggage Door Locking System Mod.		AIP 2226068
Note 76-10-06 per a 100hr. ment. Greased Landing gear & gear extension.		AIP 2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6-31-78	Brought Forward →	3039:15		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION Fred R. Doyle AIP 353481049
7-15-78		3046:35	2663.1	Jacked A/cft. Disassembled Lube & Replaced Both Downlock Assy Per Maint. Ma
Total To Carry Forward				

Registration No. ~~766889~~ 889

and Remarks	Signature	Certificate No.
Complied with Piper A.D Note #76-1006 per a 100hr Repetitive Insp. Requirement.		
MLG. Downlock Assys. (2ea) Cleaned, Lock Springs P/N 41952-00. Adjusted LMLG. Manual. All work per Piper Maint. Manual.	David [Signature]	AIP 2226168

AIRCRAFT LOG

Date, 1978	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-13-78	Brought Forward →	2825:05		Replaced Rt. Brake linings,
4-21-78		2895:15		Replaced Left tire, but by Castleberry w.o. 22397
5-5-78		2911:30		Removed Aft. Battery this Date.
5-20-78		2939:05		Complied with Piper Repetitive Insp. Requirement.
6-20-78		3014:20		Removed $\frac{1}{2}$ Replaced Nose
Total To Carry Forward				

and Remarks	Signature	Certificate No.
A/T. Brake disc, rt. inner tube & mills AAP 143425 wheel bearings, replaced left turn coordinator after overhaul SN 3502-C. Ray Mills AAP 143425 Gill P/W PST2-24 $\frac{1}{2}$ Installed a New Pink PS 12-24	<i>David D. Jones</i>	A $\frac{1}{2}$ P 2226068
A.D. Not # 76-10-06 per A 100hr.	<i>David D. Jones</i>	A $\frac{1}{2}$ P 2226068
Tire 6:00X6 6PR. Goodyear.	<i>David D. Jones</i>	A $\frac{1}{2}$ P 2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-27-77	Brought Forward →	2484:50		A.D. # 77-19-06 (Piper), Complied
				A.D. # 77-12-06 (Hartzell), Complied w/
				(Piper)
				A.D. # 76-10-06 Complied w/ Flap
				Blower Brushes Changed. Rt.
11-10-77		2609:40	2641	Replaced ammeter
11-16-77		2619:55		Right brake master cylinder with Piper SL 789
				and bearings within
1-4-78		2,706:15		A.D. # 76-10-06 Flap TRANSMIS
				Assy. Chg'd. A/cft. Jacked, Em
Total To Carry Forward				GREASED & Inspected.

Registration No. 66889

and Remarks	Signature	Certificate No.
w/ by Previous Compliance w/ Piper S/13 th 567,		
@ Hartzell at time of Prop. Exch (2489:50 hours)		
TRANSMISSION Insp. Heater Combustion		
Brake Pads Replaced.	David D. Dumas	A&P #2226068
Test switches, lubed gear and Prop Nut		#1434125
under repaired, with all new O-rings inside, complied		
inspection of elevator bell crank and push rod - all parts		
limits of SL 789. Wayne Mills A&P 1434125		
tion Insp. C/w, Heater Combustion Blower		
Emergency Ldg. Gear Extension Performed, Gear	David D. Dumas	A&P #2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-31-77	Brought Forward →	2392:25	2628.3	Complied w/ Piper S/B # Reset Aileron Cable Tension w/ Piper S/B # 574 Fuel Cross
9-20-77		2459:50	2636.1	Removed prop S/N D prop S/N D 520 on left remanufactured prop and referenced Part above parts have
Total To Carry Forward				

Registration No. 666889

and Remarks	Signature	Certificate No.
558 Servo Bridle Cable Bolt Torque Revision to 40 lbs. Per AP Service Manual. Complied Feed Control Shaft Security.	David D. Adams	A/P 2226068
J 1837 and installed remanufactured removed prop S/N D J 1832 and installed the D J 1569 on right. <u>all</u> AD Notes 3 cell service bulletin pertaining to been ship	John B. Lesnat	AP 699289

AIRCRAFT COMPANY
PIQUA AIRPORT
PIQUA, OHIO

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-3-77	Brought Forward →	2,344:30	2609.6	Replaced Tail Strobe Power Co-Pilots Altimeter Re-Cert w/a Dukes GEAR Installation Kit to P/N 1209-00-1. Complied w/ w/ Piper S/B #567 Flap Solenoid
8-16-77		2367:35	2619.0	Replaced left engine
Total To Carry Forward				

Registration No. 666889

and Remarks	Signature	Certificate No.
Supply HT 28 1/2 T28-2493 OFF, 1/2 T28-068-08 ON. Identified. Left Flap TRANSMISSION Overhauled same TRANSMISSION Re-Identified from P/N 4268-00 A.D. Note # 76-10-06 Flap TRANS. Insp. Complied Repositioning.	David W. Dimeo	AIP 2226068
I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter was tested to 20K feet on date: 8-3-77 Signature: David W. Dimeo Date: 8-3-77 Certificate Number: 2226068 AIP		
gauge unit SN 1589 off, SN 1687 on R. Malb. # P1434/25		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6-21-77	Brought Forward →	2208:25	2471.2	Replaced nose tire & packed
6-25-77		2,231:55	2497.3	Jacked A/cft. Performed Emergency Gear Extension, Removed Nose wheel Bearings & RACES
6-30-77		2,255:25	2523.7	C/W A.D. Note #76-10-06
7-1-77		2,259:45		Replaced battery at Louisville
7-11-77		2,297:00	2568.0	Replaced right boost
7-13-77		2,297:00	2568.0	Complied w/Piper S/B#546 Removed & Replaced Rt. Wheel
7-27-77		2320:30	2591.7	Replaced both engine gages Removed left SN 19845B
Total To Carry Forward				

Registration No. 66889

and Remarks	Signature	Certificate No.
nose wheel bearings. Wayne Milk A/P 1434125		
AND Installed new Bearings & RACES	David D. Dimas	A/P 2226068
FLAP TRANSMISSION Inspection (Piper)	David D. Dimas	A/P 2226068
Flying service cert 018181 for len 450-031 new battery Milk A/P 1434125		
pumps, removed SN 10W188, installed SN 3C155		
Insp. of Wholen Wing Tip Strobelights & Brakes.	David D. Dimas	A/P 2226068
removes, removed right SN 8326P installed right SN 1588,		
installed left SN 1589. (new Edo-Aine gages) W. Milk A/P 1434125		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-5-77	Brought Forward →	2097:35	2346.6	L. M.L.G. Tire & Brakes Chgd. Removed & s/n 08237 Installed. Chgd. Piper A.D. Note #76-10 A.C.T. Gear Retracted & E
5-9-77		2104.0	2354.1	Removed altimeter static system for leaks date 4-19-77. W. Mill
5-16-77		2112:20 2363.3	2363.3	Removed Left Hand Continuo & Replaced w/new P/N 2B6-51
6-8-77		2159:20	2416.2	Replaced nose gear housing torque links. Wayne Mill
Total To Carry Forward				

Registration No. 66889

and Remarks	Signature	Certificate No.
Left Emergency Fuel Pump mod. # 53050 / 10/502		
Rt. M.L.G. Downlock Switch P/N 1CH21-4 (micro)		
-06 Flap TRANS. Insp C/w. A.C.T. Jacked Emergency Extension Performed.	David D. Jones	A&P 2226068
SN 1324 Installed altimeter SN 5041 and checked which complies with FAR 91.170 Altimeter certification A&P 1434125		
vs Fuel Pump P/N 2B6-33 s/n 10W 202 s/n 3C 96 Airborne Fuel pump.	David D. Jones	A&P 2226068
assy. P/N 40273-00, installed new "O" rings, and bushings on A&P 1434125		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
2-16-77		1936:25	2159.1	Complied with Piper Service Letter #770, Aileron Sprocket/chain <u>Insp.</u> NO further Action Req'd.
3-14-77		1993:50	2226.9	Performed S/B #515 gear Removed Tail Strobe Pwr. Sup S/N T28-2493. C/w A.D. Note #76-10-06 Flap Trans. Insp. (Piper). Replaced worn Loutbd. Elevator Hinge Bolt. Jacked A/cft. Lubed Gear & Performed A MANUAL Gear Extension CK. All Controls Lubed.
3-19-77		2070:30	2315.5	Removed & replaced altimeter S/N 1324 after shop check (see next page).
Total To Carry Forward				

Registration No. 66889

and Remarks	Signature	Certificate No.
Letter #770, Aileron Sprocket/chain	<i>David Williams</i>	AIP # 2226068
Retainers Installed on Engine Controls. ply A/NA-490-HT-M-28 S/N T28-2493 T28-06808 1/2 Installed		
#76-10-06 Flap Trans. Insp. (Piper). Hinge Bolt. Jacked A/cft. Lubed Gear	<i>David Williams</i>	AIP 2226068
Extension CK. All Controls Lubed.		
altimeter S/N 1324 after shop check (see next page).	<i>W. Mills</i>	AIP 1434125

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/21/76	Brought Forward →	1828:00		Performed 100 hr. Insp. w/ LANDING GEAR. Emergency #76-10-06 Flap TRANS. Insp.
12/28/76		1851:00	2060.7	Complied with S/B #511A #1, installing "O" Rings
1/11/77		1866:50	2078.6	Replaced engine gage unit
1/17/77			2095.0	Replaced heater vibrator,
1/25/77		1894:00	2109.6	Replaced co-pilot's gyro
1-26-77		1894:00	2109.6	C/w A.D. Note #76-10-06
Total To Carry Forward				

Registration No. 66889

and Remarks	Signature	Certificate No.
Jacking of A/cft. & Lubrication of Gear Extension Performed. c/w A.D. Note (Piper).	David W. Oms	AIP # 2226068
(Piper) Oxygen System Outlet Refinement, Section over the Plug-In Coupling Stem.	David W. Oms	AIP # 2226068
R.H. installed SN 8294P, removed SN 19933B cleaned plug W. Mills AIP 1434125	W. Mills	AIP 1434125
compass, installed SN 8747B, removed SN 12697 Flap TRANS. Insp. (Piper).	W. Mills	AIP 1434125
I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition.	David W. Oms	AIP # 2226068 I.A.

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10/15/76	Brought Forward →	1725:20	1916.0	Overhauled Acft. Heaters & Reinstalled same, Greased MLG's & N.L.G. Jacked Acft. Performed A emergency Gear Extension. Complied w/Piper A.D. Note #76-10-06, both Actuators within limits. Both Acft. Engines #1 s/n L-2841-61A and #2 L-262-68A removed & replaced with 2 ^{0" Time} new Engines #1 T10-540-5260 #2 s/n L-639-68A. Piper S/L 753. Both Propellers @ time of Overhaul. (Now) David D. Ormsby AIP #2226068
11/19/76		1777:15	1975.6	Complied with Piper S/L #781, cockpit Forward Bulkhead/Floorboard Sealing. David D. Ormsby AIP #2226068
12/06/76		1807:40	2012.0	Removed Flight Director Type #300-7CF s/n 2207 installed same type Director. David D. Ormsby AIP #2226068
12/13/76				S/n C1706 Exchange Flight Director.
Total To Carry Forward		1823:30	2029.1	c/w Piper A.D. Note #76-10-06

and Remarks	Signature	Certificate No.
Reinstalled same, Greased MLG's & N.L.G. Jacked Acft. Performed A emergency Gear Extension. Complied w/Piper A.D. Note #76-10-06, both Actuators within limits. Both Acft. Engines #1 s/n L-2841-61A and #2 L-262-68A removed & replaced with 2 ^{0" Time} new Engines #1 T10-540-5260 #2 s/n L-639-68A. Piper S/L 753. Both Propellers @ time of Overhaul. (Now) David D. Ormsby AIP #2226068	David D. Ormsby	AIP #2226068
cockpit Forward Bulkhead/Floorboard Sealing.	David D. Ormsby	AIP #2226068
Removed Flight Director Type #300-7CF s/n 2207 installed same type Director.	David D. Ormsby	AIP #2226068
Flap TRANS. Insp. Resealed RT. Brake (Lower Puck LKING. AGAIN)	David D. Ormsby	AIP #2226068

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8/09/76	Brought Forward →	1593:50	1772.4	Complied with Piper S/B #500 modification. Also complied
8/26/76		1629:40	1811.1	Jacked Acft. Removed w/new tire B.F. Goodrich Rebushed L.M.L.G. Skissor A emergency Landing gear Insp. of Flap transmission Spark Plug. This Aircraft
Total To Carry Forward				

and Remarks	Signature	Certificate No.
#500 Elevator Balance Weight with Piper A.D. Note #76-15-07.	David D. [Signature]	AIP #2226068
L.M.L.G. Tire & BRAKE Disc Replaced 6.50x10 & BRAKE Disc P/N 164-04400.		
Link (Lower). Greased Gear & Performed Extension. Complied w/ Piper A.D. #76-10-6,		
(Recurring). Removed & Replaced Heater	David D. [Signature]	AIP #2226068
found to be Airworthy.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	Brought Forward →		GREASED Landing gear, Lubed Piper Service MANUAL. & his
7/11/76		1539:55	1712.4	Removed Acft. Battery PS12-24 Battery.
7/17/76		1551:55	1731.9	Jacked Acft. Performed GREASED Landing Gear Replaced AN2416 Clevis Bolt, (Right) Actuator Rod @ Bell Complied w/A.D. Note #76-10-6
Total To Carry Forward		1551:55	1731.9	

and Remarks	Signature	Certificate No.
Lubed All Controls All work per the Piper Service Manual. Aircraft found Airworthy.	David W. D...	AIP #2226068
Replaced with a new Gill	David W. D...	AIP #2226068
Retraction w/ A MANUAL GEAR EXTENSION Lubed ALL Controls per Piper Service Manual. 452 383 BEARING Rod End from Aileron CRANK IN wing.	David W. D...	AIP #2226068
Piper, Inspection of Flap TRANSMISSION.	David W. D...	AIP #2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/06/76	Brought Forward →	1389:00	1542.4	Complied with A.D. Note # 76-04-10 (Piper) by compliance with Piper Service Bulletin #460A.
5/08/76		1394:15	1548.7	Complied with Piper S/B # 479 B, Rework ALTERNATE AIR DOOR (AD 80-13-06) Magnetic Catch Assy.
5/26/76		1429:25	1587.9	Complied with A.D. Note # 76-10-6 Piper, Inspection of Flap transmission. This is a Repetitive Insp. @ 100hr. Intervals.
6/04/76		1455:35	1613.9	Jacked Acft. & complied w/ a manual Gear Extension. Removed worn out Rt. main Ldg. gear tire & Replaced w/a new B.F.G. 6.50x10. Resealed Left BRAKE MASTER Cylinder & Cleaned BRAKE RESERVOIR. continued
Total To Carry Forward		#		

and Remarks	Signature	Certificate No.
# 76-04-10 (Piper) by compliance with	David D. Jones	AIP #222668
479 B, Rework ALTERNATE AIR DOOR (AD 80-13-06)	David D. Jones	AIP #222668
# 76-10-6 Piper, Inspection of Flap Repetitive Insp. @ 100hr. Intervals.	David D. Jones	AIP #222668
a manual Gear Extension. Removed worn out Rt. main Ldg. gear tire & Replaced w/a new B.F.G. 6.50x10. Resealed Left BRAKE MASTER Cylinder & Cleaned BRAKE RESERVOIR. continued		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3/09/76	Brought Forward →	1270:25	1410.5	Removed Damaged Nose Tire & Replaced Tire w/ Goodyear 600 X 6 GPR Tire.
4/10/76		1335:25	1477.5	Performed a 100 hr. Insp. Brake Pads. Replaced Combustion Air Blower Brushes & turned Armature of the Same. Lubrication of Ldg. gear.
4/22/76		1355:10	1505.4	Complied with applicable portions of Piper Service Letter #739 (Cabin Door Ajar Switches Installed on Doors) All work per A.C. 43-13-1A.
Total To Carry Forward				

Registration No. 66889

and Remarks	Signature	Certificate No.
Tire & Replaced Tire w/ Goodyear All work per Piper Service Manual.	David D. Jones	AIP # 222 6068
this date removed & replaced Left Combustion Air blower Brushes & turned Gear Retraction Performed w/ complete Aircraft found to be Airworthy.	David D. Jones	AIP # 222 6068
portions of Piper Service Letter #739 (Cabin Door Ajar Switches Installed on Doors) All work per A.C. 43-13-1A.	David D. Jones	AIP # 222 6068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-31-76	Brought Forward →	1220:05	1353.2	(Continued) Removed Bonzer Radar S/N 3760. Removed AIRCRA I.C.C. Regulations & Re-
3/03/76		1258:55	1397.3	Complied with Piper A.D. S/B #487. Removed Sticking Fuel Pressure Gage P/N 44376-04.
Total To Carry Forward				

Registration No. 66889

and Remarks	Signature	Certificate No.
Altimeter P/N TRN-71 S/N 4375 $\frac{1}{2}$ installed same P/N, ft Oxygen System Bottle, d/w a Hydro-Static ck per installed bottle in acft. System per Piper Service Manual.	<i>David W. Dumas</i>	AIP # 222 6068
I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.		
	<i>Elroy H. Washburn</i>	AIP 1671339 I.A.
Note #7604-11 by Previous compliance w/Piper S/L #643 $\frac{1}{2}$ Piper Fuel Pressure Gage P/N 44376-02, installed Piper replacement Gage P/N 44376-04.		
Eliminated Piper S/L #725 (Fuel Press. Gage Mod.).	<i>David W. Dumas</i>	AIP # 222 6068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
01/02/76	Brought Forward →	1191:50	1320.2	Complied with AD. Note selector Cable forward attachment pin, by previous compliance with S.B. #488 (Piper).
1-24-76				Checked KT-76 FAR. 91.177, FAR 43 Appen
1-31-76		1220:05	1353.2	Installed HTL Industries Drawing No. 60-014. Installed with Piper Service Bulletin #755 (Piper). Inspection Gear, Wheel Well Door Link
Total To Carry Forward				

and Remarks	Signature	Certificate No.
#75-26-18 modification of Landing gear selector Cable forward attachment pin, by previous compliance	David W. [Signature]	AIP #2226068
Transponder in accordance with dix F. Next checks due 1-24-78		FFA AS C03-11
Engine Compartment Fire Extinguishers per S.T.C. No. 660 W.F.,	[Signature]	
A Cabin Heat Refinement per Piper Service Letter #733. Complied		
with Piper Service Bulletin #727, Control Shaft Collar Attachment Mode. Complied with Service		
Letter #755 (Piper). Inspection of Landing gear Up Locks. Replaced Left, Nose		
Gear, Wheel Well Door Linkage Support Bracket & Rigged Doors with a gear Retraction.		
(continued)		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/17/75	Brought Forward →	1129:50	1249.2	Complied w/ Piper S/B #4364 #760 964 installed in
12/01/75		1146:35	1268:0	Complied with Piper S/B P/N) and Piper S/B 479A Assembly [Engine Induction System] time.
12/01/75		1146:35	1268.0	Removed Damaged Tach. Installed A New Unit
Total To Carry Forward				

Registration No. 66889

and Remarks	Signature	Certificate No.
Warning Placard Replacement. Kit Plots operating manual.	<i>[Signature]</i>	AIP #222 6068
#488 (mod. of Ldg. gear Selector Cable Fwd. Attachment - (Inspection of Alternate Air Door Magnetic Catch Inspection only, complied w/ at this	<i>[Signature]</i>	AIP #222 6068
Drive Cable P/N 486 628 (Right Engine) same P/N.	<i>[Signature]</i>	AIP #222 6068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
9/24/75		1066:40	1177.4	Removed Co-pilot's Alti- meter P/N LA-72-1 Ser.# 100798 for Re-Certification & installed mfg-United Instruments Altimeter P/N LA72-1 Ser.# A862 w/United Instruments AD, Note #74201-13 Complied with at the Certification Date Now used.
10/24/75		1100:20	1225.2	Reset Emergency Fuel Piper Service Letter #722. Relocation, Installed Kit #76094/1
Total To Carry Forward				

Registration No. 66889

and Remarks	Signature	Certificate No.
mfg-United Instruments meter P/N LA-72-1 Ser.# 100798 for mfg-United Instruments Altimeter P/N LA72-1 Ser.# A862 w/United -13 Complied with at the Certification Date	<i>David W. O...</i>	AIP # 2226068
I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter was tested to 35 K. feet on (date) 9/18/75 Signature <u><i>David W. O...</i></u> Date <u>9/24/75</u> Certificate Number <u>AIP # 2226068</u>		
Pump Pressures to 40.5 PSI per Complied w/Piper S/B #460 Battery Drain Cleaned Fuel Filter Bowls. Airframe found Airworthy	<i>David W. O...</i>	AIP # 2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
7-31-75		962:50	1062.0	REMOVED Turbo PIN LW12413- work per 4313.
8-25-75		1002:40	1107.2	Inspected Airframe Per performed a emergency gear Leaking). Changed Lt. outbd. #697 "Addition of fuselage Bulletin #457 "Alternate Air Performed per AC 43.13-1A
Total To Carry Forward				

Registration No. C66889

and Remarks	Signature	Certificate No.
SIN CL 0115 INSTALLED SIN DGR0138		
A 100 hr. Inspection, Lubed Landing gear Extension. Resealed RT. BRAKE (bottom Brake Pads, Complied with Piper Service Letter "DRAIN HOLES" also Complied w/ Piper Service Door Magnetic Catch Replacement. All work Airframe found to be AIRWORTHY.	E. H. Washburn	AIP 1671339
	David [Signature]	AIP # 2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
5/24/75		773:00	846.0	Changed Nose tire per Piper Due Date for next change, April
				Performed Emergency gear gear per Lubrication Chart.
6/10/75		804:55	887.8	Changed Left Engine Mixture Control Cable P/N 24894-04 (Piper)
7-15-75		900:50	995.0	Changed RIGHT BRAKE PADS
7-26-75		945:45	1043.7	REMOVED REMOTE SLAVED D.C. S/N 1578.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Service Manual. Changed ELT Battery, 1977 $\frac{1}{2}$ Changed Pitch Trim Switch P/N 587-822		
Extensions; Lubricated all controls; Landing Airframe found to be Airworthy at this time.	David W. [Signature]	AIP #2226068
Mixture Control Cable P/N 24894-04 (Piper)	David W. [Signature]	AIP #2226068
Per PA31-350 SERVICE MANUAL	Eloy H. Washburn	AIP 1671335
P/N 56-8328 S/N 2159 INSTALLED	Eloy H. Washburn	AIP 1671335

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3/28/75		676:30	743.1	Performed on Jacks, changed Hydraulic System
4/11/75		705:55	772.6	Removed Pilots Encoding Aero Mechanism Encoding Altimeter
4/29/75		735:10	809.0	Complied with A.D. Note #75- Piper S/B #433.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Gear retraction & Emergency Extension Filters & DRAINED Fuel Filter Bowls.	David W. Sims	AIP #2226068
Altimeter Model 8140 S/N 622, Installed	David W. Sims	AIP #2226068
Altimeter Model 8140 S/N 1324.		
I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter was tested to 35,000 feet on (date) <u>4-9-75</u>		
Signature <u>David W. Sims</u>		
Date <u>4/11/75</u>		
Certificate Number <u>AIP #2226068</u>		
09-10 (Piper) by previous compliance with		
David W. Sims AIP #2226068		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1/31/75	Brought Forward →	602:35	662.1	Complied with Piper Service Letter #723 (Glideslope Indicator Placard) for IFR Requirements to be operational enroute Terminal and Approach Category 1.
1/31/75				
2/06/75		613:10	673.6	Changed both BRAKE DISC MAIN LANDING GEAR TIRE, ALL BEARINGS, ALL WORK PERFORMED
2-21-75		633:50	696.3	INSTALLED OVERHAULED FUEL FLOW GAGE PART No. 1U028-104-15R S/N 4171
3/13/75		647:55	711.9	Complied w/Piper S/B #442 Kit #760 905,
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Service Letter #723 (Glideslope Indicator Placard) for IFR Requirements to be operational enroute Terminal and Approach Category 1. IFR operation approved.	David W. Dumas	A&P #2226068
P/N 164-04400 and Changed left installed B.F. Goodrich 6.50X10 tire. Packed and I.A.W. Piper Service Manual PA31-350.	Theo L Moore	A&P #2226068
	David W. Dumas	A&P #2226068
FLOW GAGE PART No. 1U028-104-15R	Kenneth A. Beckett	A&P 2194915
Emergency Fuel Pump C/B Rewiring, installed	David W. Dumas	A&P #2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1/16/75	Brought Forward →	632.1	574:50	Removed CRACKED BRACKET BRACKET $\frac{1}{2}$ Installed it. GEAR MANUAL, ALL S/m WORK per-
1/27/75		635.2	577:55	Complied with Piper S/B #432 (mod. to Fuselage Bulkhead), S/B #433 S/B #379 A (Insp. of Rudder Control Cable Routing) and Piper S/L #713 (static Air Sump (Fuel System Modification) install and Kit #760 881, S/L
Total To Carry Forward				

I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter was tested to 35,000 feet on date: 4/19/74

Signature: *David W. Quinn*
 Date: 1/27/75
 Certificate Number: 222 6068 A/P

and Remarks	Signature	Certificate No.
(Nose Gear "Up" Switch), formed a Replacement Re-Rigged Per Piper PA 31-350 Service Formed Per AC 43.13-1A.	<i>David W. Quinn</i>	A/P 222 6068
#432 (mod. to Fuselage Bulkhead), S/B #433 S/B #379 A (Insp. of Rudder Control Cable Routing) Installation) installed Kit #760 864, S/L #722 and Kit #760 873, S/L #730 (Air Conditioning System Modification) #725 (Fuel Pressure Gauge Modification)		Change in E.W.T. CG. Recomputed Report 1751 P. 4-2 1/3-3 of Pilots Operating Manual.
I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition.	<i>Elroy H. Washburn</i>	A/P 1671339 I.A.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
01/03/75	Brought Forward →		554:00	AIRFRAME REPAIR COMPLETED RT. WING OUTBD. LEADING EDGE SKINS, SPliced in OUTBD. 1 1/2 FOOT of MAIN HENRY B. BURKE - FAA APPROVED
01/03/75			554:50	HR. MTR. 610.2 CHANGED RT. MLG., OVERHAULED BOTH M BIED BRAKES. GREASED LDG. GEAR EXTENSION. ALL MAINTENANCE SERVICE MANUAL. COMPLIED OUTLET PLACARD. THIS ACFT. IS
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Elgin Airport Corp, Elgin Airport. Replaced Top & Bottom Outbd. Aft SKINS, End Rib, Tip. SPAR. Repair Order No. 14513 Dated 11-14-74 Repair Station No. 3250		
MLG. TIRE, CHANGED BRAKE PADS LEFT LG. BRAKE HOUSINGS, w/new SEALS & GEAR & PERFORMED RETRACTION AND EMERGENCY MAINTENANCE PERFORMED J.A.W. PIPER PA 31-350 WITH PIPER S/B #431 "ELECTRIC RAZOR AIRWORTHY AT THIS TIME.	David W. [Signature]	AIP 2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-14-74	Brought Forward →		479.7 H.M.	LOG 472:45 : CHANGED O ₂ CYL. LUBRICATED PER CHART. I CERTIFY THIS AIRCRAFT WAS AIRWORTHY .
			550.9 H.M.	LOG 503:55 Changed Filed Disc Edge (outer).
11-14-74			607.7	I certify this aircraft
Total To Carry Forward				

Registration No. 066889

and Remarks	Signature	Certificate No.
HIP FILTERS REPLACED BRAKE LININGS SERVICE ALL WORK PER PA 31-350 MAINT. MANUAL INSPECTED PER 100 Hr FORM & DETERMINED	C. H. Washburn A+P	1471339
Right MAIN wheel BRAKE linings $\frac{1}{2}$ Per PIPER SERVICE MANUAL PA 31-350.	David D. [Signature] A+P	#2226068
Airworthy for ferry flight from Gary to Elgin Henry B. Bueck CRS3250		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7/12/74	Brought Forward →		316.4	Replaced Nose wheel tire
7-19-74			334.5	Hr. mtr. 362.1 Changed Prop GWR SERIAL # "ON" A 8897T, RPM MANUAL PA 31-350
7-20-74			334.5	Hr. mtr. 362.1 Replaced Flexible Assy. Per Piper SERVICE MANUAL
7-29-74			355.2	Hr. mtr. 383.8 Replaced BRAKE
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Repacked nose wheel BEARINGS PER PIPER MANUAL PA-31-350	David W. Dimes	AIP # 2226068
ERROR ON RT. ENGINE SERIAL No. "off" A721TT settings, set according to Piper Service	David W. Dimes	AIP 2226068
Flap Actuator Shaft $\frac{1}{2}$ Flap TRANSMISSION PA 31-350 sect. 5-61 through 5-64.	David W. Dimes	AIP 2226068
linings per Piper SERVICE MANUAL PA-31-350	David W. Dimes	AIP 2226068

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1/23/74	Brought Forward →			I have inspected this aircraft and issued Standard Airworthiness Certificate FAA Form 8100-2.
				T. Owen Miller AEA-EMDO-44
			89.1	INSTALLED NEW FUEL BOOST PUMP
4-15-74			132.1	COMPLIED WITH PIPER SB
6-2-74			242.6	REPLACED NOSE AND MAIN TIRES
Total To Carry Forward				PERFORMED PER 43.13-1.

and Remarks	Signature	Certificate No.
AV 53050-00 LEFT WING PER PA31 MAINTENANCE MANUAL	E. H. Washburn	AIP 1671339
422 INSPECTION OF FUEL SELECTOR VALVE CONTROL HANDLE.	William Keans	AIP 1336934
BRAKE LINING BOTH MAINS. LUBRICATED GEAR. ALL WORK	E. H. Washburn	AIP 1671339

AIRCRAFT DESCRIPTION

N 37 1 m e

Registration No. ~~N466889~~

Model: PA-31-350 Popular Name: Chieftan Navajo

Serial No.: 31-7405409 Type Certificate No.: A8EA

Colors: White - Las Vegas Gold - Avocado Green

Engine Manufacturer: LYCOMING

Propeller Manufacturer: Hartzell

Original Engine Model: T10-540-J2BD
2T10-540-J28D

Original Propeller Model: HC-E3YR-2AF1FC 8468-GR
HC-E3YR-2AF1
FJ08468-GR

Serial Numbers: Single _____

Hub or Serial Number: Single _____

L-3776-61A Left ~~284161A~~

DJ-520 Left ~~DJ-1837~~

L-639-68A Right ~~2-26268A~~

DJ-1869 Right ~~DJ-1832~~

Blade Numbers

Left

Right

C27562	447599	B66298	44128
C27600	44632	B69032	44120
C27524	46523	B69035	44107