

N6568



The Standard

AIRCRAFT LOG

ASA/SA-2

Orig. Tach 873 + ^{off} ~~11000~~ + 11/1/08
11/1/99 Hobbs 1562 off 10/9/02 AICTT 2435.0

10/9/02 Hobbs
ADD 2435.0 to HOBBS for AICTT MG. 10-19-15

AIRCRAFT RECORD — GENERAL INFORMATION

MANUFACTURER Piper MODEL PA-31P-350 SERIAL 31P-8414016

REGISTRATION NUMBER N 9227Y DATE MFG. _____

ENGINE(S) CURRENTLY INSTALLED.

MFG _____ MODEL _____ SERIAL _____

MFG _____ MODEL _____ SERIAL _____

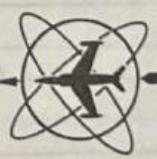
PROPELLER(S) CURRENTLY INSTALLED.

MFG _____ MODEL _____

HUB MODEL _____ SERIAL _____ SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____

BLADE MODEL _____ SERIAL _____ SERIAL _____ SERIAL _____



The Standard

AIRCRAFT LOG

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.)
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11/30/92	HOBBS 693.50			CO. PROOF Horizon, RC ALLOW MODEL RCA 26 BK-16 S/W 81-2745 REPAIRED BY PAN PACIFIC INSTRUMENT SERVICES 11-25-92 WO# 26453
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AVIONICS OF SANTA BARBARA
 204 MOFFETT PL.
 GOLETA, CA 93117
 PHONE (805) 964-4334
 FAX (805) 964-4966
 F.A.A. REPAIR STATION # UMDR221L

John Smith WO # 1748

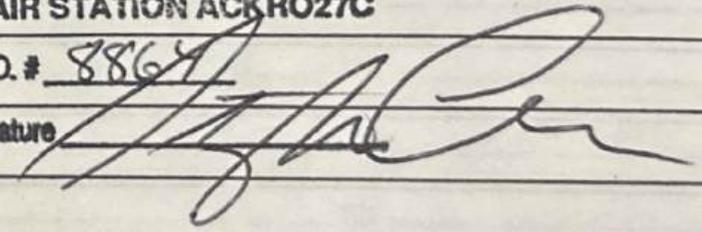
1/12/93	HOBBS 0697.8			REMOVED HORIZON RADIO & REINSTALLED ORIGINAL RADIO AT THE REPAIR BY NORTON CO. MES# OA1R367K W.O # 92-510 END
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MERCURY AVIATION
SANTA BARBARA AIRPORT
 404 WILLIAM MOFFETT PLACE
 GOLETA, CALIFORNIA 93117

F.A.A. REPAIR STATION ACKR027C

W.O. # 8864

Authorized Signature



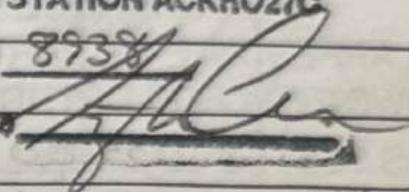
DATE RECORDING TACH TODAYS TOTAL DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 19. TIME FLIGHT TIME IN SERVICE ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

3/14/93 ^{17035 0703-7} RANOVER ⁰⁷⁰³⁻⁷ ~~ORIGINAL~~ REPAIR & INSPECTOR LORNA RANOVER
 P/NO558-7 RND

MERCURY AVIATION
 SANTA BARBARA AIRPORT
 404 WILLIAM MOFFETT PLACE
 GOLETA, CALIFORNIA 93117

F.A.A. REPAIR STATION ACKR027C

W.O.# 8938

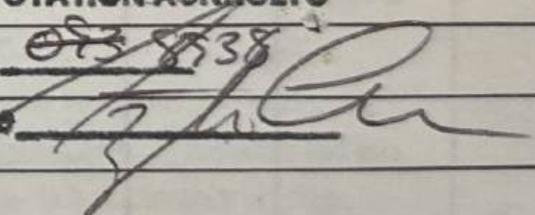
Authorized Signature 

3/20/93 ^{17035 0707-7} RANOVER ORIGINAL REPAIR AFTER
 RANOVER BY NORFOLK CO. MS 0AIR367K W.O. 93-162 RND

MERCURY AVIATION
 SANTA BARBARA AIRPORT
 404 WILLIAM MOFFETT PLACE
 GOLETA, CALIFORNIA 93117

F.A.A. REPAIR STATION ACKR027C

W.O.# 093 8938

Authorized Signature 

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.)
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1993				
5-6				INSTALLED OVERHAUL PILOTS ENCODING ALTIMETER PN 503SP-P23 SN 15714 Diane M. # 533-38-4483 AVIONICS OF SANTA BARBARA W.O. 1982

				<p>STATIC SYSTEM^S & ALTIMETER^S HAVE BEEN TESTED IN ACCORDANCE WITH F.A.R. 91.411 & APPENDIX E OF PART 43. COMPLIES & FOUND AIRWORTHY FOR RETURN TO SERVICE. ALTIMETER WAS TESTED TO 35000 THIS DATE 5-5-93</p> <p>INSPECTED BY <i>Diane M. #</i> DATE 5-6-93</p> <p>AVIONICS OF SANTA BARBARA W.O. # 1982 204 MOFFETT PL. GOLETA, CA 93117 FAA UMDR221L</p>
				<p>TRANSPONDER & ALTITUDE REPORTING EQUIP HAVE BEEN TESTED AND INSPECTED PER F.A.R. 91.413 & APPENDIX E & F OF PART 43.</p> <p>COMPLIES & FOUND AIRWORTHY FOR RETURN TO SERVICE. INSP. <i>Diane M. #</i> DATE 5-6-93</p> <p>AVIONICS OF SANTA BARBARA W.O. # 1982 204 MOFFETT PL. • GOLETA, CA 93117 FAA UMDR221L</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.)
6/1/93	TOTM	Time 1580.7	HOURS 0207.7	Completed Annual Inspection
RACH	Inspected	New	Spark Wick 1/4	Aluminum Outboard. Installed
RACH	New	Dusings (Pouches)	1/4	Flap Tank Lower Insulation & Lower Center
RACH	By	Fabricating & Installing	2 Pouches.	Installed New Head
A.D.	82-07-02	Terminal	Head	By Pressure Drain Test. Next
TEST	Due @	0207.7	HOURS on	6/1/93. c/w A.D. 88-05-05
Landing	Gear	Side	Bracket	By DR PANAMONT
WSP.	No	Cracks	Noted @	TITS TIME.
c/w	A.D. 92-11-01	Next	WSP	Due @ 0207.7 HOURS.
c/w	A.D. 92-27-05	Aluminum	Circle	Marking
By	Marking	As	Required.	Completed
Since	Battery.	Ground	Run +	
Lime	Circle	Good	—	END

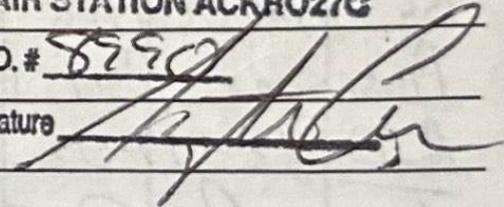
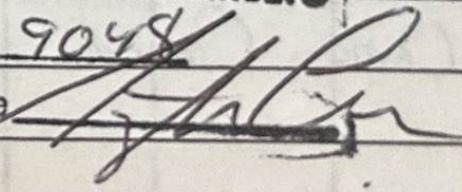
MERCURY AVIATION
SANTA BARBARA AIRPORT
404 WILLIAM MOFFETT PLACE
GOLETA, CALIFORNIA 93117

F.A.A. REPAIR STATION ACKR027C

I certify that this Aircraft, Engine, Propeller has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

W.O.# 8961 OIL TYPE SAE 15W-50

Authorized Signature [Signature]

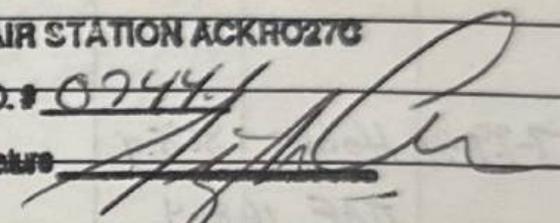
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/22/93	Hours 0902.7			PAINTED & INSTALLED NEW VENTURE FIN FRAMING P/N 49511-002. TRANSFERRED LIGHT ASSY FROM OLD FRAMING TO NEW _____ RND _____
				MERCURY AVIATION SANTA BARBARA AIRPORT 404 WILLIAM MOFFETT PLACE GOLETA, CALIFORNIA 93117
				F.A.A. REPAIR STATION ACKR027C
				W.O.# 8990
				Authorized Signature 
9/16/93	Hours 0740.9			INSTALLED NEW LEFT ALTERNATOR BUSS CIRCUIT BREAKER (P/N 454-945). Ground RND OPS CHECKS O.K. _____ RND _____
				MERCURY AVIATION SANTA BARBARA AIRPORT 404 WILLIAM MOFFETT PLACE GOLETA, CALIFORNIA 93117
				F.A.A. REPAIR STATION ACKR027C
				W.O.# 9048
				Authorized Signature 

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.)
10/8/53		HOBBS	0744.1	BYPASSED CABIN DOOR/ENTRY LIGHTS TIMER. REPAIRING RASAT SWITCH WITH ON/OFF SWITCH (PIPER P/N 487-913). CABIN DOOR/ENTRY LIGHTS ARE NOW MANUALLY CONTROLLED. <u>END</u>

MERCURY AVIATION
SANTA BARBARA AIRPORT
404 WILLIAM MOFFETT PLACE
GOLETA, CALIFORNIA 93117

F.A.A. REPAIR STATION ACKR0270

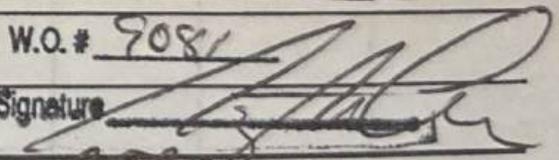
W.O.# 0744

Authorized Signature 

12/3/53		HOBBS	0756.6	REPAIRING 2 WIRES ON LEFT & 1 WIRE ON RIGHT SIDE BROWMAN PROP DRICK BOOT & AFT SPINNER BULKHEAD PROP DRICK GROUND TEST O.K. <u>END</u>
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MERCURY AVIATION
SANTA BARBARA AIRPORT
404 WILLIAM MOFFETT PLACE
GOLETA, CALIFORNIA 93117

W.O.# 7081

Authorized Signature 

APP 2059331

DATE 19 <u>93</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.)
12-30	Hobbs	760.8		Replaced bearing in lwr arm of aft elevator bellcrank at pushrod Attach point. Bred Hing ATP2277315
3-14-94	Hobbs	775.0		Replaced elevator push-pull rod ATT Rod end and clevis bolt per A.D. 93-24-02 R1. A.D. complied with by Insp. + replacement of Above parts. Bred Hing ATP2277315 IA
7-29-94	Hobbs TAF 1681.4	808.4		Replaced door hinge rubber cover. Serviced Battery + sump Jar, Brake Reservoir. Installed patches on deice boots AS Required. Replaced Master caution Horn. cockpit fire extinguisher recertified. CW Ad 88-05-05 m/g Insp. Replaced EH Battery. NAVIGATION I certify that this aircraft/engine-prop has been inspected in accordance with 100 hr/Annual inspection and was determined to be in airworthy condition. Total time <u>1681</u> Signature <u>Bred Hing</u> Date <u>7-29-94</u> 2277315 IA

DATE 19 <u>95</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.)
4-31	Hobbs 871.8		Both	props removed, Repaired, and Reinstalled to Terminate the inspection Requirements of A.O. 94-17-13 and Hartzell S.B. 165E. props have new hubs and Serial numbers. This Aircraft is Released for test flight. <i>Brad Thum ATP22773151A</i>
5/2		0.3		TEST FLIGHT - PROPS CHECK OK - RG# 164 9256 Present

N9227Y
Piper PA31P-350
SN-31P-8414016

7-19-95
886.0 Hobbs

Tested pilot's and co-pilot's altimeters,
transponder and static systems per
FARs 91.411 and 91.413 in accordance
with Part 43, Appendix E & F to
25,000 feet O.K.

Reference DCL Avionics, Inc. workorder
#7566. FAA CRS #YO2R326L.

END *Dub Camb*

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.)
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N9227Y

PA-31P-350

S/N 31P-8414016

August 04, 1995

ACFT TT: 1759.0

Hobbs: 886.0

- 01) Removed pilots right master cylinder s/n MFG-4/83, installed new p/n 10-23A s/n MFG-6/95. Bled pilots and co-pilots right brake system, no leaks noted at this time.
- 02) Removed right main gear wheel, disassembled, cleaned, and inspected. Installed new tire, re-assembled wheel with new brake disc. p/n 164-07700. Inflated tire with N2, 24 hour leak checked good.
- 03) Removed left main gear wheel, removed old brake disc installed new p/n 164-07700 disc., inflated tire with N2 24 hour leak checked good.
- 04) Removed O2 Bottle assy. for hydrostat and valve o/h to H.R.D. Oxygen Sys., see w.o. 13467 dated 7/24/95. Re-installed O2 bottle assy. serviced with O2, 24 hour leak check was good.
- 05) Functional test of E.L.T. was good, battery due replacement 8/96.
- 06) Removed aircraft heater and combustor blower motor and sent to Aircraft Heating off o/h, see w.o. 4811 dated 7/19/95 at heater hobbs time of 156.7. Re- installed heater assy. after heater hobbs tested good at heater hobbs of 156.8 Functional test of heater was good not leaks noted at this time. AD82-07-03 C/W by overhaul but decay check is still recurring.

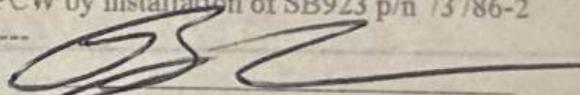
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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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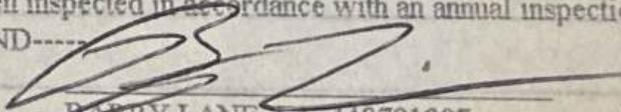
AUGUST 04, 1995

PAGE 2

- 07) Removed main ship battery for charge and service by Dynamo Aviation see w.o. 10986 dated 7/19/95.
- 08) C/W AD 88-05-05 prevent main gear collapse by dye penetrent insp. of main gear side braces, no defects noted at this time, re-inspect 100 hrs or annual insp..
- 09) AD 84-26-02 replacemnt/ insp. of paper induction air filter, is due replacement by 1872.3 hours total time.
- 10) AD 93-25-08 prevent gear from extending when not selected, found PCW by installation of SB923 p/n 73786-2 actuator reinforcement bracket, no further action required. -----end-----


BARRY LANE A&P 449781987

- 11) I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworth condition.-----END-----


BARRY LANE I.A. 449781987

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.)
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04 AUG 1994 TACH 886

REMOVED & REPLACED LEFT & RIGHT ENGINE MOUNTS
 WITH NEW LORD P/N J9613-53.
 Joe Diaz 548297935 A&P

8/12/96

REMOVED: KING KLN-88 COAX, KY-196 2BA KT-70
 TRANSPONDER AND NAT R508/PB08.
 REMANUFACTURED 1/4 INSTRUMENT PANEL
 & RADIO STACK. INSTALLED DRE INTERCOM W/ ^{ALPINE} ~~POWER~~
 INSTALLED: NEW ^{BENDIX} KING KUN90B GPS SYSTEM
 2BA NEW BENDIX/KING KY-196A VHF COAX,
 NEW BENDIX/KING KT-71 TRANSPONDER AND,
 MID CONTINENT MD 41-328 GPS ANNUNCIATOR
 CONTROL UNIT, 1EA FN 200 AVCONICS FAN.
 REMOVED AND REPLACED ADF LOOP/SENSE
 ANTENNA, BOTTOM VHF COM ANTENNA, MARKER
 BEACON ANTENNA, RYL STROBE POWER
 SUPPLIES INSTALLED NEW TAIL STROBE

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

SYSTEM AND NAV LAMP ASSY. AND NEW L/R STROBE IN NAV LAMP ASSEMBLY.
 ALL WORK C/W MANUFACTURERS INSTALLATION INSTRUCTIONS AND AC 43.13-1A YAA. WEIGHT & BALANCE REWASD EQUIPMENT LIST REVISED. GPS SYSTEM INSTALLED VFR ONLY AT THIS TIME. REF. WO# 3400 THIS REPAIR STATION.

I certify that the Altimeter and Static System test required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E.
 SIGNED [Signature]
 Certificate No. 30029 FI
 Flight Trails Helicopters, Inc. 8/12/96
 F.A.A. Approved Repair Station No. 1L3R583L

The ATC Transponder tests and inspections required by the FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.
 Transponder KF-71 Mfg KING Date 8/12/96
 Details of this inspection are on file at this Repair Station under W.O. # 3400
 SIGNED [Signature]
 Flight Trails Helicopters, Inc.
 F.A.A. Approved Repair Station No. 1L3R583L

MODEL PA31P-200 SN 31P-87416 REG# N9227Y
 The aircraft, airframe, aircraft engine, or appliance identified above 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 station under Work Order No. 3400
 Date 8/12/96 Signed [Signature]
 FLIGHT TRAILS HELICOPTERS, INC.

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.)

REG. NO. N84PM
 MODEL PIPER MOHAVE
 S/N PA-31P-350
 YEAR 1984

Southwest Aircraft Interiors

P.O. Box 1827
 Higley, AZ 85236
 (602) 988-9309

DATE 10/10/96
 W.O.# 5401
 TACH 0953.6
 TOTAL _____

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE 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.

DATE 10/10/96 SIGNATURE *Frank A. Bush* CERTIFICATE 2490416

REFURBISH SIX SEATS AND SIDE PANELS - REFURBISH
 HEADLINER AND SOUNDPROOF A/C - REPLACE CARPET
 REPLACE WINDOW SEALS

ALL MATERIALS MEET FAR 23.853
 BURN TESTS ARE ON FILE

DATE 1996	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.)
	954.0	TT	1827.0	REPLACED SHIP BATTERY WITH NEW G-247
	10/16/1996			REPLACED ELT BATTERY, REPLACED MAIN & NOSE TIRES Randy Maul A&P 548689307
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION Randy Maul A&P 548689307
				I CERTIFY THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION, AND IN MY OPINION WAS FOUND TO BE IN AIRWORTHY CONDITION.
				TT <u>1827.0</u> DATE OF INSP. <u>10/16/96</u> IA or A & P <u>David Ytter DA437X7Y77</u>

DATE 1997	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.)
1-23-97	1003.0			RESEAL NOSE STRUT
TT	1876.0			Randy Maul A/P 548689307
12-1-97	1136.6			INSTALL NEW MAIN & NOSE TIRES. REPLACE
TT	2009.6			BRAKE PADS & ROTORS. REPLACED LEFT & RIGHT BRAKE HOSES. RESEALED NOSE GEAR ACTUATOR. RESEALED LEFT INNER GEAR DOOR ACTUATOR. Randy Maul A/P 548689307
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. Randy Maul A/P 548689307
12-1-97	1136.6			PERFORMED FUNCTIONAL TEST OF EKT 1AW FAR
TT	2009.6			91.207 - BATTERY NEXT DUE 2/99. THE FOLLOWING AD'S C/W BY VISUAL INSPECTION: 96-10-14 96-20-07 Randy Maul A/P 548689307

DATE RECORDING

5-20-98

TOTAL

HOBSBS - 1210.3

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

REMOVED FLT. DIRECTOR,
HAD OVERHAULED AT INST.
SHOP, REINSTALLED. CHANGED
PRESSURE SYSTEM FILTERS,
RAN A/C & RAMP CHECKED.

Airborne

Air Filter Change Reminder

Changed at: 1210.3 Hrs.
Next Change: _____ Hrs.
Date: 5-21-98



Airborne

Air Filter Change Reminder

Changed at: 1210.3 Hrs.
Next Change: _____ Hrs.
Date: 5-21-98



... RELEASE
... and/or Component identified herein
... 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. 29681B

Date

5-20-98

Signed

[Signature]

[Signature of Authorized Individual]

for

MICHIGAN AVIATION CO. - CRS No. KL2R956K
OAKLAND/PONTIAC AIRPORT, WATERFORD, MICHIGAN

DATE 19 <u>98</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.)
<u>6/3/98</u>	<u>1219.5</u>			REPLACED LEFT COWL FLAP INDICATOR RHEOSTAT ADJUSTED GYRO PRESSURE TO ALSO ^{NEW} MID-SCALE. REPLACED ALL FWD DE-ICE HARNESS ON BOTH PROPS. FOR MICHIGAN AVIATION CRS KL2R956K. Michael E Henney A&P 374667969

6-12-98

INSTALLED INSIGHT
STRIKEFINDER. SEE
337 FORM FILED THIS
DATE FOR DETAILS

MAINTENANCE RELEASE

The Aircraft and/or Component identified herein
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 the
Agency, under Work Order No. 29703B

Date 6-12-98

Signed [Signature]
[Signature of Authorized Individual]

for
MICHIGAN AVIATION CO. - CRS No. KL2R956K
OAKLAND/PONTIAC AIRPORT, WATERFORD, MICHIGAN

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.)
AUG 11 1998			HOBBS	1271-8448
				RESEMED BOTH BRAKE MASTER CYLINDERS
				ON PILOT SIDE AND BLEED BRAKES
				FOR MICHIGAN AVIATION CND KL2R956K
				Gay St
				AP 369924215

The static pressure system and altimeter(s) were inspected and tested on 8/28/98 to an altitude of 35 thousand feet and found to comply with FAR 91.411.

W.O. NUMBER 29753B

SIGNATURE [Signature]

MICHIGAN AVIATION CO.

1-313-666-3440

No. CRS # KL2R956K

The ATC transponder was tested and inspected on 8/28/98 and found to comply with FAR 91.413. Automatic altitude reporting equipment was tested and calibrated on 8/28/98 in compliance of FAR 43, Appendix E, Paragraph (C).

W.O. NUMBER 29753B

SIGNATURE [Signature]

MICHIGAN AVIATION CO.

Oakland International Airport

1-810-666-3440

No. CRS # KL2R956K

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.)
I CERTIFICATE NO. <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
inspected in accordance with a <u>ANNUAL</u>	<u> </u>	<u> </u>	<u> </u>	<u>PERFORMED ANNUAL INSPECTION IAW</u>
inspection, and was determined to be in	<u> </u>	<u> </u>	<u> </u>	<u>PT-31P-350 MAINTENANCE MANUAL.</u>
Airworthy Con.	<u> </u>	<u> </u>	<u> </u>	<u>PERFORMED ROUTINE MAINTENANCE +</u>
MECHANIC <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>SERVICING. RESEALED CO-PILOTS LEFT</u>
A & P <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>BRAKE MASTER CYL. REPLACED CABIN</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>DOOR RAIN SEAL, FLASHING BEACON</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>BULB, + ALL WHEEL BEARINGS.</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>HSI REINSTALLED AFTER REPAIR BY</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>METRO AIRCRAFT INSTRUMENT. FAR 91.207D</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>INSPECTIONS C/W + NEW BATTERY</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>DATED 1/01 INSTALLED. NEXT DUE 1/2000</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>C/W A.D. 9610-14 (M.L.G. FWD BRACE) BY DYE</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>CHECK, NEXT DUE 2296, REPLACEMENT DUE 2973</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>C/W A.D. 96-21-03 (AILERON 1/8 HINGE BRACKET) BY</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>INSTALLING NEW STYLE BRACKETS, NO ADDITIONAL</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>ACTION REQD. C/W A.D. 96-20-07 (JANARD</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>HEATER) BY PRESSURE DECAY TEST + OPS CHECK,</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>NEXT DUE AT 266.7 HEATER HOBBS OR 1/01</u>

(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.)
1-28-49	(CONT)			<p>A.D. 96-24-04 (HYDRAULIC HOSE) DNA DUE TO HOSE TYPE INSTALLED, A.D. 96-21-11 (M.L.G. ACTUATOR BRACKET) DNA, NEW STYLE BRACKET INSTALLED. AIRCRAFT RAN-UP. A.D.'S CHECKED THRU 99-02. See W.O. 3071</p> <p style="text-align: center;">————— END —————</p>
5-14-99	1340.9	Hobbs		<p>REPLACED combustion Air Blower motor, Ran Heater after replacing combustion Air Blower motor every^{thing} check out OK. PAPER work for combustion Air Blower motor. In Aircraft log book for Michigan Aviation # KL2R956K</p> <p style="text-align: right;">David Aufreit A+P 362607376</p>

(Cont)

DATE	RECORD TACH TIME
19__	
5-29-99	
HOBBBS 13	
8-9-99	
HOBBBS	
11-29-99	
TT. 2264.0	



1661 Airport Road
Waterford, MI 48327-1304 USA

7/28/99

Date _____

31P-8414016

Reg. No. N84PM

Ser. No. _____

WO No. 11747

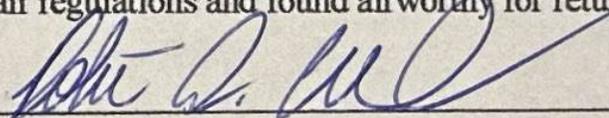
Hours NA

Removed failed directional gyro, KG-102A part no. 060-0015-00 serial no. 20004 and installed overhaul exchange KG-102A part no. 060-0015-00 serial no. 34259. Tested system operation 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



NS
BER OF
TRIES.)

01799312

2956K

HT

2956K

mej

one

to left fuel crossfeed valve. Fuel line pressure checked and determined good. installed new fuel line (no leaks found). For michigan Aviation R/SK2956K Michael Stoum 4384880818IA.

DATE	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.)
5-29-99 HOBBS	1344.8			INSTALLED NEW AIC BATTERY PIN 6247. ^{SIN} 601799312 WARRANTY CARD in BACK of LOG. OPS CK SATISFACTORY FOR MICHIGAN AVIATION CRS# KL2R956K JRB @ 379863225
8-9-99 HOBBS	1379.9			REPLACED RIGHT MAIN TIRE WITH NEW GOODYEAR FLIGHT CUSTOM II 6.50x10 8PLY. FOR MICHIGAN AVIATION CRS# KA2R956K Michael K Loney ATP 37466969
11-29-99 H.	2264.0			Fabricated new fuel supply hose to left fuel crossfeed valve. Fuel line pressure checked and determined good. installed new fuel line (no leaks found). For Michigan Aviation R/S KL2R956K Michael Loney ATP 38488087A

...is important to understand the automatic...

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 ENTRY

DATE 12/29/99 MFG PIPER MODEL PA-31P-350
A/C REG N84PM SIN 31P-8414016 S.O.# 32919

REMOVED COPILOT'S ATT. CYRO FOR OVERHAUL - SENT OUT TO
JDC - SEE 8130-3 DATED 12/28/99 REINSTALLED (SN 81-2765)

AFTER SERVICE WAS PERFORMED THIS SYSTEM AND ALL ASSOC-
IATED SYSTEMS WERE GROUND TESTED AS REQUIRED BY FAR
43.13 AND THE AIRCRAFT HAS BEEN RETURNED TO SERVICE.

CRS #IT5R947M

Philip M. Johnson

INSPECTOR

Mayday
AVONICS, INC.

HOBBS! 1393.8

LOGBOOK ENTRY

DATE 1-4-00 MFG PIPER MODEL MOTAVE
A/C REG N84PM SIN _____ S.O.# 32919

R+R THE MD-41 SN. 3924.

AFTER SERVICE WAS PERFORMED THIS SYSTEM AND ALL ASSOC-
IATED SYSTEMS WERE GROUND TESTED AS REQUIRED BY FAR
43.13 AND THE AIRCRAFT HAS BEEN RETURNED TO SERVICE.

CRS #IT5R947M

Jeff Young

INSPECTOR

Mayday
AVONICS, INC.

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.)
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NORTHERN AIR INC.

Page 1

LOG BOOK ENTRY

Dated: 01/12/00

N# 84PM

Make: PIPER

Model: PA31P-350

SN: 31P8414016

Total Time: 2266.7

Hobbs Time: 1393.7

Performed an annual inspection of airframe per PA31P-350 maintenance manual inspection check list.
 Performed AD 99-06-01 by visual inspection of horizontal stabilizer spar per SB 1007 with no defects noted.
 AD visual insp. next due at 2366.7hrs T.T, spar kit install due at finding of cracks or 2713.9hrs T.T.
 Performed AD 99-14-01 by installation of copy of this AD in the POH.
 Performed AD 98-18-12, torque check of fuel pump relief valve screws, with no torquing required on LH or
 RH fuel pump. AD next due at 2316.7hrs T.T.
 Performed 50 & 100 hr lube items per checklist.
 Removed paper filter assemblies and installed Bracket filter assemblies(pn:BA-3310) on LH and RH
 engines per STC SA71GL. (Ref FAA form 337)
 Removed LH navigation light lens and reinstalled in correct position.
 Tightened fuel line clamp at RH wing root and no further leaks noted.
 Repositioned and tywrapped wires to provide adequate clearance for gear handle actuation.
 Repaired broken wire at circuit breaker for flap motor and operation was normal.
 Removed dome light switch and replaced with new, operation was normal.
 Installed new valve caps on wheel assemblies as required.
 Installed new screws in top of RH stabilizer to replace missing screws.
 Replaced broken static wick on RH elevator.
 Removed and disassembled both main wheel assemblies. Reassembled both with new brake discs.
 Disassembled and cleaned corrosion from LH & RH brake assemblies reassembled with correct shims

Cont on Page 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
		Cont from Page 1		84PM
				and new brake pads.
				Removed corrosion from RH engine mounts, primed, and painted.
				Replaced loose rivets below RH engine firewall with new.
				Replaced loose rivets on LH elevator outboard hinge with new.
				Plugged hole in LH lower nacelle with a #30 rivet.
				Retightened LH main gear drag link and operation was normal.
				Resecured velcro on carpeting in aircraft as required.
				Retightend LH engine inboard cowl flap rod jam nut.
				Resecured hydraulic pump drain line spring clamp
				Removed both props and reinstalled both in same positions after O/H. (ref rts tag for H&S, CRS#MQ5R050N)
				Installed both props with new orings and work was done per PA31P-350 maint. Manual.
				Checked balance of both propellers and found them to be at .2 IPS.
				Replaced hydraulic oil reservoir cap oring with new and no leaks were noted.
				Installed seat adjust handles on three passenger seats.
				Removed RH tach cable, cleaned, lubed, and reinstalled.
				Resealed seam on LH elevator horn boot.
				Resecured window fairing above lavatory.
				Replaced hardware in LH lower cabinet drawer guides with longer screws and operation was normal.
				Lubed pilot & copilot seat control levers, slides, and rollers. Operation of both seats checked normal.
				Removed RH wing tip fairing, repaired cracks, painted, and reinstalled.
				Fabricated and installed cover for RH fuel drain vent.
				Resealed outboard edge of both copilot and pilot windshield trim.
				Removed RH insight gauge and reamed out hole in panel for one button. Reinstalled gauge and operational
				Cont on Page 2

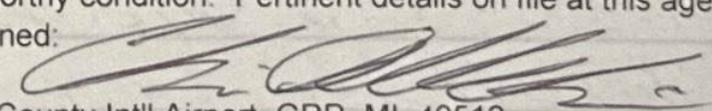
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Cont from Page 2

84PM

Page 3

check of gauge was normal.
 Pressurized aircraft per PA31P-350 maint. Manual and no defects were noted.
 Removed pilots oxygen mask flow indicator and flushed with isopropyl and operational check was normal.
 Replaced missing button plugs from bottoms of both engine nacelles with new.
 Removed 8 fuel lines between wing & fuselage and replaced with new. (pn's AE7010000H0130, AE7010200H0133
 AE7010200H0130, 35030120, AE7010000H0066, AE7010200H0112, AE7010000H0224, 35030120)
 Performed leak check of all fuel cells and no leaks were noted.
 Removed Mojave emblem from aft side of cargo door and installed new emblem.
 Replaced RH propeller de-ice brush block with new and operation was normal.
 Removed LH wheel assembly, disassembled, inspected, reassembled with new tube and tire. Serviced
 to spec.'s and reinstalled on aircraft.
 Removed and replaced fuel crossover valve with new and no leaks were noted.
 Installed one new 1/4 turn fastener on RH engine air cleaner box.
 Removed LH engine air cleaner inlet, repaired with fiberglass cloth, painted, and reinstalled.
 Made sheet metal repairs to both intercooler exhaust ducts.
 Repositioned clamp chaffing on intercooler inlet duct.
 Replaced missing fastener for LH cabin table with new.
 Replaced loose rivets in RH lower cowling.

I certify that this aircraft has been inspected in accordance with a PA31P-350
 Annual Inspection & was determined to be in airworthy condition. Pertinent details on file at this agency under;
 W/O# 33359 Signed: 
 DATED: 01/12/00 for
 NORTHERN AIR INC., CRS# N81R812N, Kent County Int'l Airport, GRR, MI. 49512

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.)
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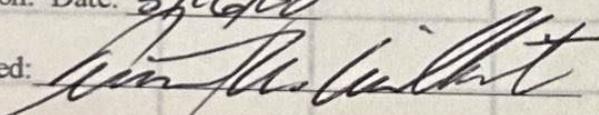
FLIGHT TRAILS HELICOPTERS, INC.
4805 E. FALCON DR. MESA, AZ. 85215 REPAIR STATION NO. IL3R583L
PHONE: 602-396-8242 FAX: 602-807-8285

MAKE: PIPER MODEL: PA31-350 SN: 31P-8414016 REG. NO.: N85PM HOBBS: 1430.6
TT: 2303.6

Removed existing KNS-81 ILS Energize pin 3, capped and stowed. Removed existing jumper at MD-41 ACU J1-4 (NAV rec. ILS energize), capped and stowed. Installed new wire between KNS-81 pin 3 and MD-41 J1-4. Repaired chaffed 26 VAC Excitation wiring @ HSI connector. Removed, Bench Tested and reinstalled KN-63 DME and KDI-572 DME Indicator. Tied up wiring and rerouted HSI harness so it would not interfere with control column. All systems ground check good.

The aircraft, airframe, aircraft engine, or appliance identified above was repaired and inspected IAW current regulations of the FAA and is approved for return to service. Details on file WO# 6154 this Repair Station. Date: 3/6/00

Signed:



Repairman:

2453567

6/2/00

comply w/AD 2000-06-06 - Place doc.
in A/C POH A.7

7 JUNE 2000 HOBBS 1434.8 INSTALLED NEW LH VOLTAGE REGULATOR
 - LANAC PLN B-00382-1-E S/N 173. OPERATIONALLY TESTED
 James R. Cunningham ASES 36834B

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 NOVEMBER 2000		HOBBS 1477		JACKED AIRCRAFT. SERVICED HYDRAULIC RESERVOIR. OPERATIONALLY TESTED NORMAL & EMERGENCY LANDING GEAR SYSTEMS w/ HYDRAULIC MULE ATTACHED. NO DEFECTS NOTED. James R Cunningham APE43683418



JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17

MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCP185E

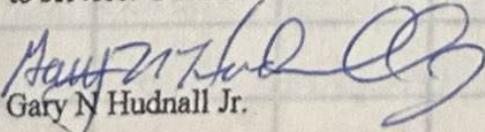
Avionics Log Entry

Date: 11-22-00

Hobbs Time: 1481.6

- 1) I certify that the altimeter and static system tests, required by FAR 91.411, have been performed and meets the requirements of FAR43 Appendix E. The altimeters were tested to feet 35,000. #1 Altimeter Serial No. 15714, #2 Altimeter Serial No. 38752.
- 2) I certify that the Transponder, Serial No. 2466, system has been tested in accordance with FAR 91.413 Appendix F and current advisory circulars.
- 3) Replaced display in ADF (1ea 037-0055-00 Display), KR87 Serial No. 17901. Operational check normal.
- 4) Removed radar altimeter antenna, replaced gasket and re-bonded antenna to fuselage. Operational check normal.

The component identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 5263.


Gary N Hudnall Jr.

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 DECEMBER 2000				ADSS. 1485 REPLACED NOSE WHEEL BEARINGS (TIMKEN 13889) & RACES (TIMKEN 13836). REPACKED & SET PRE-LOAD. SERVICED NOSE GEAR LUBRICATION POINTS. James R Cunningham AP 543683418
				DATE 4/3/01 TAC/HM 1495.7 TOTAL TIME 2368.7 SMOH I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH DETAILS ON W/O 3357850 SIGNATURE <u>Ritchie D. Per</u> INSPECTOR. FLIGHTCRAFT, INC./EUGENE FCP 2831D
4/3/01	1495.7		2368.7	C/W ANNUAL INSP. AS A COMBINATION OF EVENTS 1 & 2 AND FAR 43 APPENDIX D. C/W FAR 91.207 ELT. INSP. REPLACED ELT. BATTERY PN 00-10-009 BATTERY DUE JAN. 2003. C/W 12 MO. FIRE EXT. INSP. C/W A.D. 96-20-07 JANITROL HEATER DECAY TEST - NO DEFECTS NOTED NEXT INSP. DUE 3/20/03 OR 288.6 HEATER HRS. C/W A.D. 99-12-05 BY REPLACEMENT OF LH. & RH. ELEVATOR SPARS BY WILLIAMS ARMOTIVE A.D. 99-12-05 NO LONGER RECURRENT. C/W A.D. 99-06-01

CONTINUED →

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATION OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFICATIONS)
				BY MODIFICATION OF LH & RH STABILIZERS BY WILLIAMS
				AIRMOTIVE A.D. 99-06-01 NO LONGER RECURRENT.
				C/W A.D. 96-10-14 MAIN GEAR SIDE BRACE INSP. BY
				DYE PEN. METHOD - NO DEFECTS NOTED NEXT INSP. DUE
				2468.7 HRS. TT. C/W A.D. 2000-25-01 IAW. AD INSTRUCTIONS
				NO DEFECTS NOTED, NEXT INSP. DUE 2468.7 HRS. TT.
				RE SEALED LH & RH MAIN GEAR AND NOSE GEAR STRUTS
				REPLACED NOSE GEAR TIRE PIN 061-326-0 INSTALLED SN 065U
				00777. REPLACED PILOTS STORM WINDOW SEAL. RE LOCATED
				COCKPIT FIRE EXTINGUISHER TO A MORE ACCESSABLE LOCATION
				AT FUSelage STA. 149.00 WEIGHT AND BALANCE CHANGE NEGLIGIBLE
				REPLACED L & R MAIN WHEEL BEARINGS. INSTALLED CHAFF
				TAPE ON LEFT AND RIGHT INBOARD FLAPS AT WING ROOT FAIRINGS
				REPLACED BROKEN SCREW ON OVERHEAD PANEL ABOVE PILOTS
				GLARE SHIELD. PERFORMED OPS CHECK OF FUEL CROSSFEED -
				NO DEFECTS NOTED. REPAIRED MASTER CAUTION RELAY BOX,
				REPLACED AC FAIL RELAY ASSY. PM 08067-2. TIGHTENED LH. CONFL
				FLAP CONTROL ARM AND REPLACED PINS IN MOTOR CONNECTOR DUE TO

CONTINUED NEXT PAGE →

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4/3/01	1495.7		2368.7	<p>INTERMITTANT OPERATION. CLEANED NOSE WHEEL BOLT HOLES DURING NOSE TIRE REPLACEMENT. REPLACED BRAKE RESINUR CAP AN 550-571. INSTALLED SEVERAL MISSING PLACARDS IN COCKPIT, CABIN, AND REAR BAGGAGE AREA. CLEANED OUTFLOW & SAFETY VALVES. REPLACED RUDDER STATIC WICK P/N C592001-0201. REPOSITIONED GO AROUND SWITCH WIRES AT THROTTLE LEVERS. CLEANED AND ZINC CHROMATED FUSELAGE RIBS IN TAILCONE AREA IN SEVERAL SPOTS. REPLACED PILOT'S AND CO PILOT'S SEAT SHOCK CORDS AND REMOVED PAINT FROM SEAT SLIDING TUBES. OVERHAULED LH. & RH. PROP. GOVERNORS S/N LH. A293 S/N RH. A425 LH. & RH. ENGINES REPLACED THIS DATE WITH OVERHAULED ENGINES LH. S/N L8563-61A 1982.2 HRST. RH. S/N L2726-68A 1967.8 HRST. LEFT & RIGHT ENGINE TO FIREWALL HOSES REPLACED. BOTH ENG INLET AIRBOX DRAIN TUBES REPAIRED BY WELDING. BOTH ENGINE VACUUM PUMP HOSES REPLACED. REPLACED LH. ENG VACUUM PUMP P/N 442 CW S/N 511AT 478 INSTALLED. CLEANED</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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				AND PAINTED LIGHT CORROSION ON LH. ENG. MOUNT BOTTOM AFT INBOARD TUBE. REPAIRED AND CHAFE PROTECTED LH & RH. INTERCOOLER INLET DUCTS. REPAIRED LH. INTERCOOLER OUTLET DUCT BY RIVETING A NEW MOUNTING ANGLE. REPAIRED LH. ALTERNATOR GROUND WIRE TERMINAL AND RE INSULATED L & R ALTERNATOR WIRES. REPLACED AIR CONDITIONER COMPRESSOR BELT AND REPAIRED WIRES TO COMPRESSOR CLUTCH. OVERHAULED LH. & RH OIL COOLERS (WORK PERFORMED BY PACIFIC OIL COOLER SERVICE) REPLACED LEFT AND RIGHT ENGINE INLET AIR FILTERS P/N BA-3305. REPAIRED RH. ENG. PROP GOV. WIRING. REPAIRED STRIPPED SCREW IN RH. ENG. OIL/AIR SEPARATOR MOUNT. REPLACED CHAFE MATERIAL AND RIGGED L & R COWL FLAP UP STOPS. REPLACED LEFT AND RIGHT ENGINE GEM. EGT AND CHT PROBES WITH SAME P/N'S. INSTALLED GEM 610 INDIC ATORS AS A MINOR ALTERATION AND UPGRADE LH. S/N 2278, RH. S/N 2279 GROUND RUN- OPERATIONAL CHECKED GOOD REMOVED GEM 603 INDICATORS S/N 5232 AND 5233

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.)
4/3/01	1455.7		2368.7	<p>REPLACED LEAKING HYDRAULIC RESERVOIR O-RING AND SENT OUT SEVERAL UNITS FOR INSPECTION OF FLUID CONTAMINATION: AIR DATA COMPUTER S/N 1736 DME KN 63 S/N 4447, FLIGHT COMPUTER S/N 1776 ALL UNITS INSPECTED BY FLIGHTCRAFT PORTLAND AVIONICS SHOP FOR HYDRAULIC FLUID CONTAMINATION - NONE FOUND - UNITS WERE TESTED, RE-INSTALLED AND OPS CHECKED. INSTALLED NEW CONNECTOR PINS ON RH. PROP DE ICE BRUSH BLOCK. REPLACED INBOARD WING DE ICE PNEUMATIC PRESSURE SWITCH "B", OPS CHECKED AIRFRAME DE ICE SYSTEM - RESULTS GOOD. REPLACED L & R HYDRAULIC FILTERS AND INSTALLED MISSING SPRING IN LH. HYDRAULIC SYSTEM FILTER ASSY. P/N 756-164. FURTHER DETAILS ON W/O #3357850</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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/16/01	1498.1		2371.1	A.D. 2001-06-01 C/W BY INSTALLATION OF ELEVATOR BUTT RIB REINFORCEMENT KIT PIPER P/N 766-642 BY WILLIAMS AEROMOTIVE INC. W/O# 3759 DATED 3/14/01
10/16/01	1538.2		2411.2	Installed new intake transition duct on RH engine, installed new landing gear safety switch on L.H landing gear. Aircraft is in airworthy condition for work accomplished. Lockwood/Plimmer #P1990182
10/16/01	1538.2		2411.2	CW AD 2001-08-01 amendment. 39-12178 dated May 10 2001, by visual inspection IAW Tan Aero SB A107 dated Jan 8, 2001. Next inspection due 289.2 heater hobbs. Valve checked OK. Lockwood/Plimmer #P 1990182.



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.)
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FAA CRS FCP2831D
90454 Boeing Dr.
Eugene, OR 97402

DATE 8/26/2002 HM 1557.8 TOTAL TIME 2430.8 N# 84PM

Complied with annual inspection as a combination of PA31P-350 m.m. chapter5 events 1&2 and F.A.R. 43 appendix D. Complied with F.A.R. 91.207 E.L.T. insp., battery due Jan.2003. Complied with hand held fire extinguisher 12 Mo. Weight check and 6 year recharge. Complied with A.D. 96-10-14 by dye penetrant inspection of left and right main gear side braces, no defects noted. Complied with 3 Yr. Hydrostatic check of oxygen cylinder (Performed by Carbon Dioxide Inc.)and serviced to 1500 psi. no leaks noted. Complied with 100 hour lube items. Replaced left and right engine inlet air filters p/n BA3310. Replaced left and right wing inboard fuel sump drain valves. Replaced left and right hydraulic filters p/n AN6235-1A. Secured right eng. oil temp. cannon plug. Repaired sheet metal on right engine air inlet duct. Replaced screw on right eng. cowl flap motor end plate. Secured cannon plug on left engine tach/generator. Secured cannon plug on left engine fuel pressure transducer. Tightened clamp on right wing fuel line adjacent to inboard fuel sump drain. Adjusted rudder trim cable tension. Adjusted elevator cable tension. Cleaned connection on bonding wire in tail cone. Cleaned emergency exit window. Left engine and prop was removed and reinstalled following engine repair. Removed and reinstalled fuel flow indicator p/n 6525-1 serial # 0120 following calibration by United Instruments Inc. ops checked good.

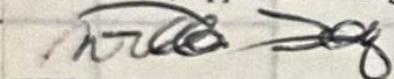
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AS PER PART 43 APPENDIX D, AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH DETAILS ON W/O # 337489, 337519 SIGNATURE *Ritch D. Luss*
INSPECTOR. FLIGHTCRAFT, INC./ EUGENE FCP2831D

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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.)
10/10/02	1562.0		2435	Hobbs meter installed new Hobbs co.o. RIGHT fuel flow transducer installed Part # 201-017-00 Ser # 15051 (2010) to correct fuel flow reading. Lockwood/Kierse.

01/17/03 Hobbs: 9.4

Removed and replaced co-pilot altimeter p/n# 5934PAAD-1A.135 s/n# 3B752 with Mid-Continent p/n# 5934PAD-1A.132 s/n# 406920.
Performed static leak check iaw FAR Part 23.1325, paragraph b(2)ii. R/H and L/H Altimeter, Static System and Automatic Pressure
Reporting tested as required by FAR Part 91.411 and meets the requirements of FAR Part 43, Appendix E and F. Pilots altimeter tested to
25K and co-pilots to 35K. Altimeters due cert: 01/2005. Transponder tested as required by FAR Part 91.413 and meets the requirement of
FAR Part 43, Appendix F. Logbook entry made. Transponder due cert: 01/2005.



William Dolf
Leading Edge Avionics, Inc.
FAA CRS# QLDR577K

This altimeter has been inspected,
tested, and certified to comply with
FAR 91.411 per FAR 43 Appendix E
to an altitude of 35,000 ft.
PN 5934PAD-3A.132 SN 406920
WO# S48891 DATE 1-16-03
Inspection AD
Altimeter 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	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.)
3-11-03				REMOVED & REINSTALLED TACHOMETER AFTER CERTIFICATION,
HOBBS 10.6				REPLACED BOTH TACH GENERATORS. REPLACED
TOTAL 2445.6				BOTH VACUUM AIR FILTERS
				<i>Don M. AP585251142JA</i>
5/1/03				Piper S.B. 1125 N/A per date P.M.



Corporate Air Center
15452 Airport Drive
Burlington, WA 98233
(360)757-7757

Aircraft TT: 2482.3
LH Engine SMOH: 0113.6
RH Engine SMOH: 0113.6

N84PM Piper PA31P-350 SN 31P-8414016 Hobbs:00047.3

-I certify that this airframe has been inspected IAW an Annual inspection and was determined to be in airworthy condition. C/W all routine servicing and lubrication required for this type inspection. Painted and installed new Interior panels at cabin door. Painted and installed new co-pilots window trim panel. Installed new fuel drain valves at fuel strainers, and right main tank. Installed new ELT battery (good till Oct. 2005) Tested in accordance with FAR 91.207. Fabricated and installed new landing gear hydraulic hoses at wing root area. AD 96-10-14 CW part (a) inspection and found ok, Next due Hobbs.147.3 AD2000-25-01 CW part (d) inspection Next due Hobbs. 147.3 AD2002-26-01 CW Lycoming SB 342 inspection Next due Hobbs 147.3 AD2001-17-13 CW parts (d)(1)(2) AD96-20-07 CW Part (a) pressure decay test, next due 100hrs heater operation or 10/2005

Mike VanderWal

Mike VanderWal
AP5388068071A

10/03/2003

-This Aircraft /components are approved for service.-

June 22, 2004

N84PM, Piper PA31P-350

S/N: 31P-8414016

Hour Meter: 535.1

55.3

Mather Aviation LLC

Sacramento Mather Airport, CA 95655

FAA CRS No. PCPR439B

WO#: 408259

PAIRS AND ALTERATIONS
AND CERTIFICATE NUMBER OF
FOR OTHER SPECIFIC ENTRIES.)

This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished:

1. Charged aircraft battery. Inspected and ops check satisfactory.

The aircraft and/or component identified above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Technician(s): T. Mula

Inspector:

Kerry D. Glavich
CRS# PCPR439B

FLIGHTCRAFT

a PAPER GROUP company

FAA CRS FCP2831D

90454 Boeing Dr.

Eugene, OR 97402

DATE 1/3/2005

HM 75.3

TOTAL TIME 2510.3

N# 84PM

Complied with annual inspection in accordance with F.A.R. 43 Appendix D checklist. Complied with F.A.R. 91.207 E.L.T. inspection, battery due Oct./05. Complied with 12 mo. fire extinguisher weight check. Complied with A.D. 03-24-07, removed rudder, repair was accomplished by Williams Airmotive Inc. and a new torque tube was installed. The rudder was repainted, rebalanced and installed in accordance with Piper PA31-350P m.m.55-40-03. Complied with A.D. 96-10-14 inspection of main gear side braces - no defects noted, next insp. due 2610.3. Replaced left and right engine air filters. Replaced screws on left engine intercooler discharge duct. Replaced screws on right engine intercooler inlet scoop. Saftied left and right engine alternate air duct mounting brackets. Removed several landing gear grease fittings and cleaned to facilitate lubrication. Replaced several loose rivets on left nacelle bottom skin. Serviced nose and main tires.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AS PER PART 43 APPENDIX D, AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPLICABLE A.D. NOTES AS RECORDED COMPLIED WITH DETAILS ON W/O # 338123 SIGNATURE Ritch DeSousa INSPECTOR. FLIGHTCRAFT, INC./ EUGENE FCP2831D

FLIGHTCRAFT

a PAPE GROUP company

FAA CRS FC
7777 NE Airp
Portland, ORDATE 1/5/05 TAC/HM 75.5I certify that the altimeter and static system tests required by 14 CFR 91.413, have been performed and found to comply with the requirements of FAR 91.413. Left Altimeter Serial No. 15714 Right Altimeter Serial No. Encoder/Air Data Computer Serial No. #1 Transponder Model KT71 Serial No. 2466#2 Transponder Model Serial No. The altimeters and Air Data Computer were tested to 35,000 ft.Static system leak tested on Date: 1/5/05 The transponder was tested to ft.

Pertinent details of the work described above are on file at this address.

This aircraft was repaired and inspected in accordance with the applicable FARs and is

Airworthy with respect to the work performed. Aircraft approved for flight bySignature [Signature] Flightcraft Portland

Scale Corrections

Altimeter Reads	ADD	
	Room Temp.	Low Temp.
-1000	-5	
0	-5	
500	-5	
1000	0	
1500	0	
2000	-5	
3000	0	
4000	+5	
6000	-5	
8000	-15	
10000	-25	
12000	-45	
14000	-60	

Date: 1/5/05ALTIMETER No. 406920

Altimeter Reads	ADD	
	Room Temp.	Low Temp.
16000	-75	
18000	-85	
20000	-95	
22000	-115	
25000	-130	
30000	-125	
35000	-20	
40000		
45000		
50000		

Tested by: [Signature] Depot: FCPR831D

LEADING EDGE AVIATION TRANSPONDER CERTIFICATION

TRANSPONDER TESTED AS REQUIRED BY FAR 91.413 AND

MEETS THE REQUIREMENTS OF FAR PART 43 APPENDIX E

MODEL: KT 71 S/N WORK ORDER NO. 1005 DATE: 8-29-05SIGNED: Konrad Wallace :FOR

FAA APPROVED REPAIR STATION NO. L9QR350Y

63342 POWELL BUTTE HWY. BEND, OR 97701

LEADING EDGE AVIATION STATIC CERTIFICATION

ALTIMETER, STATIC SYSTEM AND AUTOMATIC PRESSURE

REPORTING TESTED AS REQUIRED BY FAR 91.411 AND

MEETS THE REQUIREMENTS OF FAR PART 43 APPENDIX

E & F. ALTIMETER TESTED TO 30,000 FT.WORK ORDER NO. 1005 DATE: 8-29-05SIGNED: Konrad Wallace :FOR

FAA APPROVED REPAIR STATION NO. L9QR350Y

63342 POWELL BUTTE HWY. BEND, OR 97701

9/01/05 Hobbs:125.7 N84PM

Removed from aircraft KLN90B GPS, KA92 GPS Antenna, MD41-328, KNS81 RNAV, KY196A Com, KI244 Radar Indicator, and KA126 Radar R/T antenna.

Installed Garmin AT GDL69 XM Satellite Radio weather data link receiver in accordance with STC# SA01487SE. Piper PA31P-350 is on FAA Approved Model List #SA01487SE. Installed Garmin AT MX-20 Multi-Function Display pn#430-0270-601 in left radio stack IAW STC#SA02154AK. Installed Garmin AT GNS480 NAV/COM/GPS pn#430-6100-800-002 in left radio stack and A-33 GPS antenna in accordance with Garmin AT STC#SA01229SE. See FAA Form 337 dated 8/19/05.

Installed FAA Approved Flight Manuals for Garmin MX-20 System pn# 560-1032-05, Rev.F, dated 01/12/05; and Garmin GNS 480 System pn# 560-0985-01, Rev. A, dated 8/26/04.

Performed Post Installation Configuration and Checkout, (Ground and Flight) per GNS480 Installation Manual P/N 560-0982-01 Rev.B. Unit performs as required for IFR.

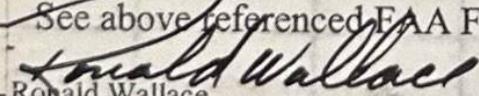
Installed Precise Flight, Inc. Pulselite control system IAW STC# SA4005NM. Piper PA31P-350 is on FAA AML# SA4005NM. Pulselite unit connected to existing wing tip recognition lights per Pulselite Installation Manual # PPRI-3000 Rev 9 dated 11/22/99.

Installed Ryan International 9900BX TCAD system. 9900BX Processor pn#70-2420 mounted on avionics shelf in nose at FS 43.5, 9900BX Transponder coupler pn#70-2040 mounted in nose on bulkhead at FS 81, and 9900BX Display pn#70-2520 installed in center instrument panel. Installed top TCAD antenna at FS 130 per DER drawings#45G-328F039 dated 8/10/05. See FAA Form 8110-3 dated 08/10/05 signed by Daniel Utterson DERT-230315-CE. The bottom TCAD antenna installed in unpressurized fuselage area at FS 184 utilizing same doubler material and processes as top antenna. Interfaced 9900BX Processor with Top/Bottom TCAD antennas via ECS matched antennas cables p/n# PMJ-9900-901, PMJ-9900-902, PMJ-9900-903 and PMJ-9900-904.

Installed DAC International FAA/PMA'd GDC31 Roll Steering Converter. The GDC31 converter pn#1049-4000-01 mounted in nose at FS 66 and GDC31 annunciator/control switch mounted in center instrument panel. Interfaced GDC31 to Bndix/King KFC250 auto pilot, KI525 HSI and Garmin GNS430 GPS per GDC Installation Manual pn#1049-2510-01 Rev G, dated 5/20/05. See FAA Approved Form337 dated 8/31/05.

Amended weight and balance/equipment list.

See above referenced FAA Form 337s for ICAs


Ronald Wallace

Leading Edge Aviation, Inc.

FAA CRS# L9QR350Y

OF
ES.)

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.)
2 MAR 06	160.5		2595.5	<p>Heater HM: 212.6 Performed retraction tests, lubed gear, checked emergency extension system, serviced powerpack, replaced L/R hyd. filters, R+R R/L main tires, repacked wheel bearings, checked brakes, cleaned fuel strainers, repaired 4H strobe light wiring in wingtip, checked all lights, checked fuel caps, valves and drains, replaced battery P/N G-247, installed annunciator signal conditioner box following repair by mfr, replaced cabin door seal and hose with new parts, cleaned outflow valve and safety valve and reinstalled using new gaskets, inspected fire extinguisher per NFPA #10, replaced EIT battery (due JAN 08) and tested EIT per FAR 91.207d (due next 2-07), paralleled alternators, checked controls, lubed all hinge points as required, cleaned deice regulator solenoids L/R, checked door latches, checked and lubed bagg door mechanism, cleaned heater fuel filter, checked heater and dusting, checked seats and tracks, checked seat belts, checked emergency exit, hydrotested oxygen cylinder, checked for leaks and serviced w/ oxygen, checked aircraft for conformance to TCDS A8EAR11. Reviewed ADS and provided owner with new listing.</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.)
				by dye-pen insp of L/R MLC sidebrace per SB845A ^{Due next 260 HFR}
				by dye-pen insp of inbd MLC door hinges per (D)(2)
				and SB 682. -ok Due next 4545 TT per (D)(i). (P/N 47539-32)
				by insp rudder tube per (E)(2) -ok Due next 2-20-07
				by heater PDT per (E)(i) -ok Due next 312 HFR and 2-08
				by insp fuel valve per (E)(i) -ok Due next 3 1/2 HFR and 2-07
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.				Richard A. Marshall A&P 2230521 IA
				Replaced oxygen cylinder assy P/N 895-04022 with
				new part (cyl mfg date 02-03). Cylinder was hydratested 2-23-06
				due next 2-09). Cylinder service life expires 02-2018. Regulator
				recently overhauled by C&L Aero. Serviced with oxygen and
				tested for leaks. Richard A. Marshall A&P 2230521

953.6
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 OCT 10 1996
 Piper
 82574

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 May 07	HM 340.4		2675.4	Performed retraction tests, lubed gear, checked tires, wheels and brakes, serviced powerpack, cleaned fuel strainers, drained sumps, checked fuel caps and seals, R&R heater fuel filter, R&R heater valve/regulator with new part, heater F/T normal, checked lights, controls, serviced battery, inspected fire ext per NFPA*10, checked EIT per FAR 91.207d, EIT ball due JAN 08, R&R LH inline pneumatic filter, checked seats, doors and latches, seat belts, repaired pilot/copilot seat armrests, reinstalled tach following repair
				c/w 9670-14 *39-9621 by eye-per insp of L/R MIC sidebraces per SB 845A OK Due next 340 HM
				c/w 2000-25-01 *39-12035 by eye-per insp of inbd MIC door hinges per (D)(2) and SB 682-OK Due next 4675 TT per (1)(1) (P/N 47529-32)
				c/w 2003-24-07 *39-13376 by insp rudder tube per (E)(2)-OK Due next 5-08
				AD 2004-21-05 *39-13826 heater PDT per (E)(1) Due next 311 HM and 2-08 340 HM
				c/w 2004-25-16 R *39-14074 by valve replacement insp per (E)(1) due next 5-2008 340 HM
				<div style="display: flex; justify-content: space-between;"> <div data-bbox="248 1244 984 1404"> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.</p> </div> <div data-bbox="1015 1228 1626 1380"> <p>Richard A. Marshall A&P 2230521 1A</p> </div> </div>

DATE

RECORDING
TACHTODAYS
FLIGHTTOTAL
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

AIRFRAME LOG

N65GS

Piper PA31p-350

Date: Aug. 17, 2007

S/N: 31P-8414016

Hobbs Time: 245.9

W.O. A07-1799

LEADING
EDGE
AVIATION, INC.

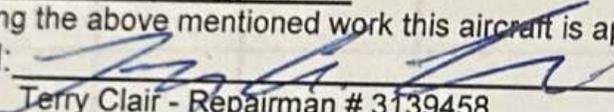
Altimeter, Static System and Automatic Pressure Reporting tested as required by FAR Part 91.411 and meets the requirements of FAR Part 43, Appendix E and F.

Transponder tested as required by FAR Part 91.413 and meets the requirement of FAR Part 43, Appendix F.

Next due date: Aug, 2009.

Regarding the above mentioned work this aircraft is approved for return to service.

Signed:


Terry Clair - Repairman # 3139458

LEADING EDGE AVIATION

63342 Powell Butte Hwy Bend, OR 97701 * 541-383-8825 * FAA RS # L9QR350Y



DATE: 03/13/2008

MAKE / MODEL: Piper PA31-350P

HM: 279.3

AIRCRAFT REG: N65GS

AIRCRAFT S/N: 31P-8414016

AIRCRAFT TT: ???

Removed, cleaned, checked, reinstalled and secured the air conditioning system expansion valve. Installed a new receiver drier. Evacuated, charged and leak checked the Freon system with R-12. Checked the system for leaks. None were found.

Signature:



Ronald A. Schmidt, AP14749761A

Schmidt Aviation, Inc. 1020 NW 62nd Street, Hangar #6, Ft. Lauderdale, FL 33309

(954) 772-0772 Fax (954) 938-5173 schmidtav@aol.com

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

*******MUNCIE AVIATION CO. CRS#AJVR135C*******

	DATE	A/C Hobbs	A/C TT	LT TSOH	RT TSOH	LT Prop	RT Prop
N65GS	6/2/2008	286.4	2721.4	231.1	352.7	454.7	454.7

Heater Hobbs time 233.5

Annual Inspection Completed This Date ref Piper Inspection Report #230-1088

C/W FAR91.207d (a)1,2,3 & 4 ELT check After installation of new Battery with BP1010

New replacement date 6-2010,

C/W AD2004-25-16 R1 Heater fuel pressure regulator valve inspection no leaks noted

C/W AD2004-21-05 Heater decay test pressure checked Ok due again 333.5 heater hobbs or 6-2010

C/W AD2003-24-07 (E)(2) Rudder inspection no corrosion noted

AD96-10-14 Side Brace Inspection Due replacement

at 586 Hrs hobbs, reglued cabin door lock handle

placard, replaced Rt flap chafe strip P#187-610,

Installed new EL Panel inverter P#467-477 and repaired

wiring to all EL panels, resealed Lt brake caliper with

new "O"rings, Installed new elevator trim wheel P/N

494-577, Serviced Oxygen

See AD Listing dated 6/2/2008 for details

Ground check and run-up Ok

I certify that this Airframe has been inspected in accordance with a Annual/100 Hr Insp. and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make Piper Mojave Ser.No 31P-8414016

Model PA31P-350 Reg.Number N65GS

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service

Pertinent details of the repair are on file at the Agency

Work Order No. T9430 Date 6/2/2008

Signed [Signature] Inspector for

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141



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__				

***** **MUNCIE AVIATION CO. CRS#AJVR135C** *****

	DATE	A/C Hobbs	A/C TT	LT TSOH	RT TSOH	LT Prop	RT Prop
N65GS	6/18/2009	343.9	2778.9	288.6	410.2	512.2	512.2

Heater Hobbs time 233.5

Annual Inspection Completed This Date ref Piper Inspection Report #230-1088

C/W FAR91.207d (a)1,2,3 & 4 ELT check Ok

Flush out lines by expansion vavle,leak tested and serviced with 3 lbs. of R-12 Freon

C/W **AD2004-25-16 R1** Heater fuel pressure regulator valve inspection no leaks noted

Removed and serviced Cabin door snubber with new fluid

C/W **AD2003-24-07 (E)(2)** Rudder inspection no corrosion noted

AD96-10-14 Side Brace Inspection Due replacement at 586 Hrs hobbs,

Reset low fuel warning alarm setting ti proper specs

Repositioned Lt check valve,several floor screw holes

was able to get differential for the pressurization

See AD Listing dated 6/18/2009 for details

Ground check and run-up Ok

I certify that this Airframe has been inspected in accordance with a Annual/100 Hr Insp. and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make Piper Mojave Ser.No 31P-8414016

Model PA31P-350 Reg.Number N65GS

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency,approved for return to service Pertinent details of the repair are on file at the Agency

Work Order No. T0121 Date 6/18/2009

Signed [Signature] Inspector for MUNCIE AVIATION CO. CRS#AJVR135C

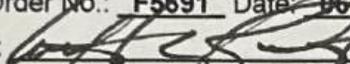
MUNCIE,IN 47308 765-289-7141



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__				

***** **MUNCIE AVIATION COMPANY C.R.S. # AJVR135C** *****

Adjusted the compass and mag compass compensators for correct heading indications as required. Ramp checked good. Removed and replaced the GPS antenna. Sealed the antenna to the aircraft and ops checked good.

Make: Piper Ser. No.: 31P-841016
 Model: PA31P-350 Reg. Mark: N65GS
 The aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Pertinent details of the repair are on file at the Agency.
 Work Order No.: F5691 Date: 06-10-09
 Signed:  Inspector for
 MUNCIE AVIATION COMPANY C.R.S.#AJVR135C
 MUNCIE, IN 47303-9778 (765) 289-7141



***** **MUNCIE AVIATION COMPANY C.R.S. # AJVR135C** *****

I certify that the altimeter / static system, transponder, and encoder have been tested as required by FAR 91.217, 91.411, and 91.413. Units were found to comply with the limits set in FAR 43, Appendices E & F and AC 43.6B to 25,000 ft. Aircraft Tach: 343.9

Altimeter #1: Mfg United P/N 5035P-P23 S/N 15714

Altimeter #2: Mfg United P/N 5934PAD-1A S/N 406920

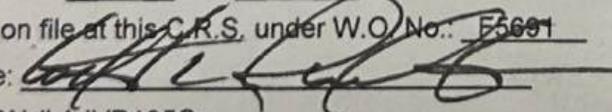
Encoder #1: Mfg United Model 5035P-P23 S/N 15714

Encoder #2: Mfg N/A Model N/A S/N N/A

Trans #1: Mfg King Model KT-71 S/N 2466

Trans #2: Mfg N/A Model N/A S/N N/A

Details of the inspection are on file at this C.R.S. under W.O. No.: F5691

Date: 06-10-09 Signature: 



CERTIFIED REPAIR STATION # AJVR135C

MUNCIE AVIATION COMPANY MUNCIE, INDIANA 47303-9778

PLEASE PLACE IN AIRFRAME LOGBOOK.

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.)
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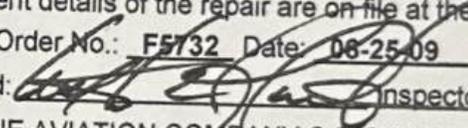
*******MUNCIE AVIATION COMPANY C.R.S. # AJVR135C*******

Reinstalled repaired ATS9900BX Pro-cessor s/n 050850. Ramp checked good. Make: Piper Ser. No.: 31P-841016
Model: PA31P-350 Reg. Mark: N65GS

The aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed.

Pertinent details of the repair are on file at the Agency.

Work Order No.: F5732 Date: 08-25-09

Signed:  Inspector for
MUNCIE AVIATION COMPANY C.R.S.#AJVR135C

MUNCIE, IN 47303-9778 (765) 289-7141



Aircraft Time: 344.4

PLEASE PLACE IN AIRCRAFT LOGBOOK

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.)
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N 65GS **Make Piper** **MODEL** **SERIAL** **Hobbs**
07/09/2010  **PA-31P-350** **31P-8414016** **420.1**



Removed GNS-480 Part Number 430-6100-800-002 Serial Number 25701518 for repair.
 Removed fuel flow indicators Part Number FP-5L-L29H55 serial number's 077094, 0770093
 re-installed factory repaired fuel flow indicators Part Number FP-5L-L29H55 serial number's
 077094, 0770093. Removed Co-Pilots DG Part Number C661075-0106 Serial Number
 24138, installed Overhauled DG C661075-0106 Serial Number 22670. Replaced lamps in no
 smoking fasten seat belt switch annunciators.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired,
 and inspected in accordance with current regulations of the Federal Aviation Agency and is
 approve for return to service. Pertinent details of the repair are on file at this agency under
 Work Order № 28934.

Signed 07/09/2010 Arnold D Hill 
 Arnold D. Hill
 Des Moines Flying Service, Inc., FAA CRS G9CR485J

AND ALTERATIONS
CERTIFICATE NUMBER OF
OTHER SPECIFIC ENTRIES.)

N65GS	PIPER	MODEL	SERIAL	TOTAL
07/12/2010		PA31P-350	31P-8414016	2855.1
HOBBS				
420.1				

Performed an Annual inspection in accordance with Piper PA31P-350 Maintenance Manual PN 761-781 dated 04/30/1986 Event 1 and 2 inspection check lists Chapters 5-21-07 and 5-21-08

1. A.D. 96-10-14 effective date 6/27/96 C/W per instructions included in piper S.B. 845A Part 1 by dye penetrant inspection of P/N 40279-08 and 40279-09 forward side braces. No cracks noted at this time. Next due at 2955.0 A/C total time.
2. C/W AD 2003-24-07 effective date 2/9/04 Rudder torque tube inspection, checks ok at this time.
3. Complied with AD 2004-25-16 R1 effective date 6/25/2005. Installed new heater fuel regulator shutoff valve PN P23D04-7.5. Ran heater with new regulator. Operational test satisfactory. No leaks noted. Heater hobbs 263.7
4. Complied with AD 2004-21-05 effective date 11/19/2004, by performing a pressure decay test of the Janitrol heater and replaced the combustion air pressure switch with a P/N 94E42. Replacing the combustion air pressure switch with a P/N 94E42 switch terminates the repetitive operational testing required. Pressure decay test satisfactory. Heater hobbs 263.7
5. Complied with ELT inspection per CFR 91.207 (d)
 - (1) Proper installation;
 - (2) Battery corrosion;
 - (3) Operation of the controls and crash sensor; and
 - (4) The presence of a sufficient signal radiated from its antenna No defects were noted at this time, Battery replaced PN BP-1010, Battery Expires 07/2012.
6. Installed new left aft navigation bulb Piper Part number 761-208, operation checks good.
7. C/W 100 HR emergency exit window inspection, safety handle with breakaway wire.
8. Complied with AD 2009-13-06 effective date 7/24/2009 nose baggage door. Complied with Piper Service Bulletin 1194A Part 1, also installed new lock kit Piper Part Number 88409-002 and Placard kit Piper Part number 88451-002. Installed new door lever PN 22641-002.
9. Removed right engine pulse gen./ tach. gen. assemble. Removed pulse gen. PN 4478 SN 3761 from tach. gen. and installed new pulse gen. PN 4478 SN 3501 on tach. gen.. Re installed assemble on aircraft.
10. Piper S.L. 1092 C/W by magnetic particle inspection procedure MT-1 of P/N 42042-000 retract arms no cracks noted at this time. Next inspection due at 3105.0 A/C total time.

N65GS
07/12/2010
HOBBS
420.1

PIPER
DMFS
DES MOINES FLYING SERVICE, INC.

MODEL
PA31P-350

SERIAL
31P-8414016

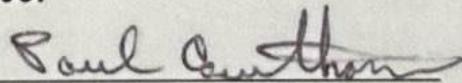
TOTAL
2855.1

AND ALTERATIONS
(CERTIFICATE NUMBER OF
OTHER SPECIFIC ENTRIES.)

11. Adjusted the elevator trim to within limits. Removed the Pilot side floor panel and adjusted the rudder cable tension to within limits. re secured the floor panel. Tightened autopilot pitch and yaw per King MM.
12. Remove and replace outflow and cabin controller pressurization filters PN 560-769.
13. Removed oxygen bottle from under forward fuselage area. Bottle was hydrostatic checked and reinstalled. Serviced bottle with oxygen. Hydrostatic inspection due again in 6/2013.
14. Removed cabin door and replaced door hinge PN 81761-70.
15. Removed and replaced both rod end bearings PN 452-722 on the right aileron push pull rod.
16. Removed flap transmission Piper Part Number 451-813 serial number 303022.
17. Installed overhauled transmission Part Number 8407/451813 Serial Number 18936FS-3 installed in Ref: Piper Mojave MM (Piper Part Number 761-781) Chapter 27-53-00
18. Complied with Piper SL 1088 by inspection of nose landing gear retract link. Removed link from aircraft, stripped paint and performed dye penetrant inspection. No defects noted at this time.
19. CW SL 755C Landing gear lock rod inspection.
20. Drained left and right fuel systems, removed fuel shutoff valves and replaced o-rings, inspected and reassembled. Reinstalled valves into wings and refueled aircraft. No leaks noted and operation of valves normal.
21. Installed new left outboard gear door rod assy. PN 41297-000 and adjusted for proper door travel.
22. Installed new heater fuel filter PN 6658323. No leaks at this time.
23. Swung magnetic compass and installed new correction card.

I certify that this **Aircraft** has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. **17609**.

Date Signed 07/12/2010:


Paul Cawthorn



Des Moines Flying Service, Inc., FAA CRS G9CR485J

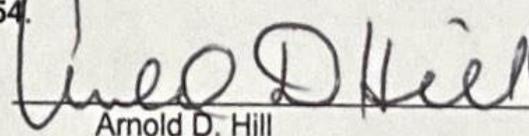
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N 65GS Make Piper MODEL SERIAL Hobbs
07/15/2010  PA-31P-350 31P-8414016 420.1

Removed GNX-480 Part Number 430-6100-800-002 Serial Number 25701518 Shipped unit to Garmin AT for compliance with Garmin Mandatory SB 0921 Revision C to transmitter. Re-installed same unit after factory repair, and re-configured unit. Ramp tested in accordance with GNS-480 Installation Manual part number 560-0982-01 Revision L dated November 2008, unit tested good.

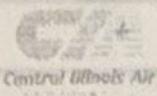
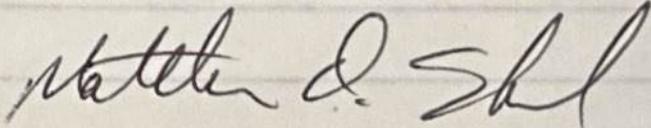
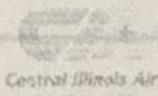
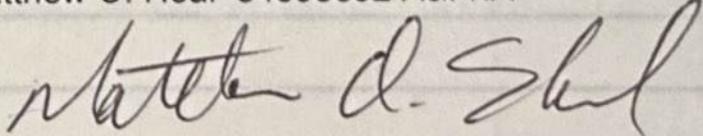
The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and inspected in accordance with current regulations of the Federal Aviation Agency and is approve for return to service. Pertinent details of the repair are on vile at this agency under Work Order № 28954.

Signed 07/15/2010

Arnold D. Hill

Des Moines Flying Service, Inc., FAA CRS G9CR485J

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.)
				 <p>Date: 8/27/10 Hobbs: 421.8</p> <p>At this time removed directional gyro P/N C661075-0106 S/N 22670 and installed overhauled directional gyro P/N C661075-0106 S/N 23374. Operational check ok. Ok for return to service.</p> <p>Matthew O. Heal 3469369 A&P/IA</p> 
				 <p>Date: 11/30/10 Hobbs: 445.3</p> <p>At this time repaired Inverter 1 power wire under pilot's control column. Operational check ok. Ok for return to service.</p> <p>Matthew O. Heal 34693692 A&P/IA</p> 

DATE RECORDING TACH TO
TIME FL

DATE 4/15/11

RETURN TO SERVICE

The aircraft component identified below was repaired and inspected in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair on file at this agency under work order #

A&P 2000301

SIGNED:

[Signature]

COMBUSTION HEATER

MAJOR OVERHAUL: NEW DURAKOAT COMBUSTION TUBE, NEW PARTS AS REQUIRED

ROUTINE OVERHAUL: NEW PARTS AS REQUIRED EXCEPT COMBUSTION TUBE

REPAIRED COMBUSTION HEATER

ACCESSORIES

NEW REPAIR OVERHAULED

AD 96-20-07 JANITROL AD 81-09-09 SOUTH WIND

OTHER

MANUFACTURED BY

MODEL NUMBER

PART NUMBER

SERIAL NUMBER

[Handwritten: Janitrol, YA, 12E24-X, AD]

C&D ASSOCIATES, INC.

Comb. Heater Service Test Equipment
302 Post Road, Buchanan, MI 49107

616-695-7469

Matthew C. Heat 645555 A&P/A

[Handwritten Signature]



DATE: Feb. 23, 2011

MAKE / MODEL: Piper PA31-350P

HM: 447.2

AIRCRAFT REG: N65GS

AIRCRAFT S/N: 31P-8414016

AIRCRAFT TT: ???

Installed a new air conditioner receiver drier. Cleaned and flushed the expansion valve, evaporator coils, low pressure switch and Freon lines. Serviced and charged system with R-12 Freon.

Signature: _____

[Handwritten Signature]

Ronald A. Schmidt, AP14749761A

Schmidt Aviation, Inc. 1020 NW 62nd Street, Hangar #6, Ft. Lauderdale, FL 33309

(954) 772-0772 Fax (954) 938-5173 schmidtav@aol.com

NUMBER OF TRIES.)

DATE	RECORDING	TOL
19__	TACH	FLK
	TIME	

4/15/11
 PARTS TO SERVICE
 Component identified below was inspected in accordance with air regulations and was found return to service. Pertinent repair on file at this agency under P2000301
 COMBUSTION HEATER
 OVERHAUL: NEW DURAKOAT JUSTION TUBE, NEW PARTS REQUIRED
 OVERHAUL: NEW PARTS AS PER EXCEPT COMBUSTION TUBE
 RED COMBUSTION HEATER
 ACCESSORIES
 REPAIR OVERHAUL
 AD 81-09-09 SOUTH WIND
 20-07 TOL
 RE BY [Signature]
 BER [Signature]
 AR [Signature]
 IBER [Signature]
 ASSOCIATES, INC.
 Heater Service Test Equipment
 Post Road, Buchanan, MI 49107
 616-695-7469

NUMBER OF TRIES.)

STATUS TAG

Signature: <u>Jon R. Shandson</u>		Date: <u>07-01-2011</u>	
Customer	<u>John Humphrey</u>	Aircraft Registration No	<u>N65GS</u>
Work Order No	<u>29239</u>	Aircraft Model No	<u>PA-31P-350</u>
Squawk No	<u>H</u>	Aircraft Serial No	<u>31P-8414016</u>
Item	<u>Altimeter</u>	Part Number	<u>5035P-P23</u>
Position	<u>Pilots</u>	Serial Number	<u>15714</u>
Quantity	<u>1</u>	Manufacturer	<u>UNITED</u>

Initial the appropriate box(es) below to indicate item status

REJECTED	REPAIRABLE	SERVICEABLE See reverse side	WARRANTY	IDENTIFICATION
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REMARKS:
DMFS Sequence
CHECKLIST # 5651



Des Moines Flying Service Inc
 PO Box 35126
 Des Moines, Iowa 50315-0302
FAA CRS G9CR485J

Form 128



DES MOINES
FLYING SERVICE

INTERNATIONAL AIRPORT
PO BOX 35126 - DES MOINES, IOWA 50315-0302
TELEPHONE (515) 256-5300 - FAX (515) 256-5537
dmfs.com

IS AND ALTERATIONS
AND CERTIFICATE NUMBER OF
OR OTHER SPECIFIC ENTRIES.)

07/11/2011 N65GS PIPER PA31P-350 SN 31P-8414016
HOBBS: 463.8 TOTAL: 2898.1 Heater Hobbs: 270.0

	MAKE	MODEL	SERIAL No	TOTAL	SMOH
L ENGINE	LYCOMING	TIO-540-V2AD	L-8563-61A	2512.3	408.5
R ENGINE	LYCOMING	LTIO-540-V2AD	L-2726-68A	2497.9	530.1
L PROP	HARTZELL	HC-I3YR-2UF	FS-193A	UNK	632.1
R PROP	HARTZELL	HC-I3YR-2LUF	FS-192A	UNK	632.1

Performed an Annual inspection in accordance with Piper PA31P-350 Mojave Inspection Report 230-1088 dated 12/09/1994.

1. Complied with AD 2003-24-07 effective date 02/09/2004 Rudder torque tube corrosion inspection, no corrosion detected at this time.
2. Complied with AD 2009-13-06 dated July 24, 2009 per paragraph (2) (i) lubricated and inspected all nose baggage door latching and locking components for damaged, worn, corroded, or non-conforming components; and (ii) verified the key can only be removed from the lock assembly in the locked position in accordance with INSTRUCTIONS: PART II of Piper Aircraft, Inc. Service Bulletin No. 1194A, dated November 10, 2008. Due each 100 hours
3. Complied with AD 2004-25-16 R1 effective date 6/25/2005. Operational and leak test satisfactory. No leaks noted.
4. Complied with ELT inspection per CFR 91.207 (d) (1) Proper installation; (2) Battery corrosion (3) Operation of the controls and crash sensor; and (4) The presence of a sufficient signal radiated from its antenna No defects were noted at this time, Battery replaced PN BP-1010, Battery Expires 07/2012.
5. Complied with Gill G-247 Instructions for Continued Airworthiness, aircraft battery capacity test, passed within acceptable limits. Battery SN G02198234.
6. Remove and replace both MLG tires with 6:50x 10 8 ply, NLG tire and wheel assembly Cleveland PN 40-140 wheel and tire 17.5x6.25-6 10 ply. Balanced nose tire and added weights to wheel.
7. C/W SL 755C Landing gear lock rod inspection.
8. Removed and replaced lower NLG torque link bushings PN 453-903 and bolt PN 402-344.
9. Removed and replaced right MLG forward side brace hinge bolt PN 402-798.
10. Remove and replace left and right actuator attach fork bolts PN41789-00.

DATE

RECORDING

TOTAL

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
(CERTIFICATE NUMBER OF
THIS ENTRY AND OTHER SPECIFIC ENTRIES.)DES MOINES
FLYING SERVICEINTERNATIONAL AIRPORT
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TELEPHONE (515) 256-5300 - FAX (515) 256-5537
dmfs.com

07/11/2011

N65GS

PIPER PA31P-350

SN 31P-8414016

HOBBS: 463.8

TOTAL: 2898.1

Heater Hobbs: 270.0

11. Removed vacuum venturi from under cabin floorboard and cleared debris from venturi orifice. Reinstalled vacuum venturi into aircraft.
12. Installed new Bracket induction air filters PN BA3305 left and right engines, next time change 7-2012.
13. Installed new left engine pneumatic pump filter PN AAJ4-6, next time change due at 963.8 Hobbs time, 3397.8 total time.
14. Adjusted nose gear door travel, right main gear up hook travel, and nose gear down switch travel per PA31P-350 M.M. chapter 32-00-00.
15. Checked and adjusted voltage regulators to 28.5 volts per PA31P-350 Maintenance Manual chapter 24-40-01
16. Remove and replaced left outboard elevator hinge bolt PN 402-303

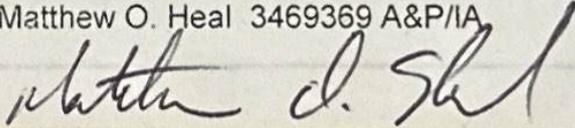
I certify that this **Aircraft** has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. **17895**.

Date Signed 07/11/2011:

Paul Cawthorn

Des Moines Flying Service, Inc., FAA CRS G9CR485J



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.)
				<p style="text-align: center;"><small>Central Illinois Air</small></p> <p>Date: 11/09/11 Hobbs: 491.9 Heater Hobbs: 272.2</p> <p>At this time installed new heater ignition unit P/N CD21381 and new spark plug P/N CD22050/39D18. Spark plug gap, .187 inches. Operational check ok. Ok for return to service.</p> <p>Matthew O. Heal 3469369 A&P/IA</p> 

Logbook Entry

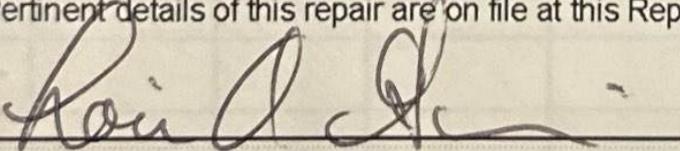
Date 2/27/2012 Make Piper N# 65GS

Repaired A/P and sys checks were normal.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order

12-0204



Louis A. Gaisser Cert # 2254646

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W. Henderson, KY. 42420

Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R082L

URL www.roncollinsaviation.com E-Mail al@roncollinsaviation.com

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.)
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08/20/2012

65GS

PA-31P-350

31P-8414016

HOBBS: 649.6

TOTAL: 649.6

Removed and replaced copilot's PTT switch. Repaired broken wire to autopilot mode controller at panel lamp dimmer bus. Removed KING KC-191 Yaw Damper Controller p/n 065-0035-01 s/n 3324 and replaced burned out light bulbs. Reinstalled repaired unit.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and 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 agency under Work Order No 29534.

Date Signed 08/20//2012:

Alfred L Hill



Des Moines Flying Service, Inc., FAA CRS G9CR485J

DATE

19__

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FLYING SERVICEINTERNATIONAL AIRPORT
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08/28/2012 N65GS PIPER PA31P-350 SN 31P-8414016
 HOBBS: 649.6 TOTAL: 3083.9 Heater Hobbs: 290.5

	MAKE	MODEL	SERIAL No	TOTAL	SMOH
L ENGINE	LYCOMING	TIO-540-V2AD	L-8563-61A	2698.1	594.3
R ENGINE	LYCOMING	LTIO-540-V2AD	L-2726-68A	2683.7	715.9
L PROP	HARTZELL	HC-I3YR-2UF	FS-193A	UNK	817.9
R PROP	HARTZELL	HC-I3YR-2LUF	FS-192A	UNK	817.9

Performed an Annual inspection in accordance with Piper PA31P-350 Mojave Inspection Report 230-1088 dated 12/09/1994.

1. Complied with AD 96-10-14, 39-9621, dated 06/27/1996 per paragraph (d) and Piper Service Bulletin 845A dated 10/09/87 Main Landing Gear Side Brace 3000 Hour time change. Installed new forward side brace PN 85166-02 on the left and PN 85166-03 on the right. (e) Installing both the left and right MLG side braces with parts of improved design, P/N 85166-02 (left) and 85166-03 (right), as applicable, as required by paragraph (d) of this AD is considered terminating action for the repetitive inspection requirement of this AD
2. Complied with AD 2003-24-07 amendment 39-13376, Effective date 02/09/2004, Visual Inspection of the Rudder Torque Tube per paragraphs (e) (2) and Piper SB 1105A dated 09/22/2003. No corrosion detected at this time. (Due each 12 Months)
3. Complied with AD 2009-13-06 dated July 24, 2009 per paragraph (2) (i) lubricated and inspected all nose baggage door latching and locking components for damaged, worn, corroded, or non-conforming components; and (ii) verified the key can only be removed from the lock assembly in the locked position in accordance with INSTRUCTIONS: PART II of Piper Aircraft, Inc. Service Bulletin No. 1194B, dated April 12, 2012. Due each 100 hours
4. Complied with AD 2004-25-16 R1 effective date 6/25/2005. Operational and leak test satisfactory of heater fuel regulator / shut off valve. No leaks noted.
5. Complied with ELT inspection per CFR 91.207 (d) (1) Proper installation; (2) Battery corrosion (3) Operation of the controls and crash sensor; and (4) The presence of a sufficient signal radiated from its antenna No defects were noted at this time, Battery replaced PN BS2166 Expiration date SEP. 2014
6. Complied with Gill G-247 Instructions for Continued Airworthiness, aircraft battery capacity test, passed within acceptable limits. Battery SN G02198234.

ERATIONS
TE NUMBER OF
CIFIC ENTRIES.)

DATE

19__

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FLYING IS SERVICEINTERNATIONAL AIRPORT
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TELEPHONE (515) 256-5300 - FAX (515) 256-5537
dmfs.comOPERATIONS
(E NUMBER OF
SPECIFIC ENTRIES.)

08/28/2012

N65GS

PIPER PA31P-350

SN 31P-8414016

HOBBS: 649.6

TOTAL: 3083.9

Heater Hobbs: 290.5

7. Complied with Piper SB 644E dated 05/09/2012 Turbocharger Exhaust Coupling Inspection / Replacement, Inspected left and right engines and found PN 557-369 [NH1005798-10] turbocharger exhaust clamps installed. Inspected per part III of SB instructions and found to be serviceable. Continue with routine inspection per PA31P-350 Maintenance Manual instructions. Replace on condition. (No life limit)
8. Complied with Piper Service Bulletin 1233A dated 05/31/2012 Main Gear Actuator Rod End Bearing Replacement. Installed new rod end bearings PN 482-024 on the left and right main landing gear retraction actuators.
9. Complied with Piper SL 755C Landing gear lock rod inspection.
10. Complied with Piper Service Letter 1092A dated 10/21/2005 Main Gear Retraction Arm Inspection. No defects noted at this time.
11. Complied with Piper SL 1135 dated 10/19/2010 Control Cable / Pulley Inspections during the Annual Inspection, no defects noted at this time.
12. Complied with Bracket Instructions for Continued Airworthiness by installation of new Bracket induction air filters PN BA3305 left and right engines, next time change 08/2013.
13. Complied with 500 hour landing gear inspection. Installed right main landing gear torque link bushings PN 453 786 and PN 43256-02 and new bolt PN 402 377.
14. Complied with 500 hour / 2 Year Fuel cell inspections. Inspected cell and valve for debris and/or obstructions, and normal operation. No defects noted at this time. Installed the access panel using new gaskets, a small amount of PRC 1435 sealant was used to ensure proper sealing of the tank. Wing tanks were refueled. No leaks noted at this time.
15. Complied with 500 hour / Annual pressurization test I/AW PA31-350P MM chapter 21-30-04, found several leaks, resealed cockpit emergency gear door seal, resealed safety valve base seal with PN 755-127 seal, reinstalled air ducting clamps to seal better, installed several floor panel screws. Installed new vacuum hose to outflow valve.
16. Installed new main landing gear tires Concord 6.5.10 8 ply
17. Installed new O-rings in the left and right brake calipers. Bled brakes IAW Piper PA31P-350 Maintenance Manual 32-45-06. Installed new brake rotors PN 164-07700 and brake linings PN 66-68 on the left and right brake assemblies.
18. Replaced Left engine pneumatic filter, PN AA2J4-6, right filter was replaced at 570.6 dated 03-2012

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC EN



DES MOINES
FLYING SERVICE

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08/28/2012 N65GS PIPER PA 31P-350 SN 31P-8414016
HOBBS: 649.6 TOTAL: 3083.9

Heater Hobbs Time: 290.5

Complied with AD 2004-21-05 39-13826 11/19/2004 cabin heater pressure decay test per paragraph (e) (1) (i), found to be serviceable at this time, paragraph (e) (1) (ii) NA per PN combustion air pressure switch. Due each 100 hours heater time or 24 Months (390.5 08/2014)

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and 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 agency under Work Order No 18121.

Date Signed 08/28/2012:

Eugene Koll
Eugene Koll



Des Moines Flying Service, Inc., FAA CRS G9CR485J



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08/30/2012 N65GS PIPER PA 31P-350 SN 31P-8414016
HOBBS: 649.6 TOTAL: 3083.9

Serviced and installed a new Gill G247 aircraft battery, SN G02726230, operational checks were satisfactory.

Date Signed 08/28/2012:

Douglas Nehls
Douglas Nehls

AP 3445986

Des Moines Flying Service, Inc.,

DATE

STATUS TAG

INSP. #14

Signature: Jon R. Swanson

Date: 08-28-2013

Customer Air Cardinal Corp

Aircraft Registration No N65GS

Work Order No 18576

Aircraft Model No PA-31P-350

Squawk No 2

Aircraft Serial No 31P-8414016

Item AT. meter

Part Number 5934 PAD-3/A-132

Position cop: 10TS

Serial Number 405920

Quantity 1

Manufacturer UNITED INSTRUMENTS

08/28/

Initial the appropriate box(es) below to indicate item status

REMARKS:

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
REJECTED	REPAIRABLE	2 SERVICEABLE See reverse side	WARRANTY	IDENTIFICATION

DM FS SEQUENCE
CHECKLIST NUMBER 5744



Des Moines Flying Service Inc
PO Box 35126
Des Moines, Iowa 50315-0302
FAA CRS G9CR485J

Hobbs 7

Repair Number
Number
Compli
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p/n 5035
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FAR 91.
Transpo
P23 s/n 15714

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and 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 agency under Work Order No 18576.

Date Signed 08/28/2013: Jon R. Swanson
Jon R. Swanson
Des Moines Flying Service, Inc., FAA CRS G9CR485J

INSP. #14

DATE

19__



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09/01/2013 N65GS PIPER PA31P-350 SN 31P-8414016
HOBBS: 798.1 TOTAL: 3232.0 Heater Hobbs: 322.1

	MAKE	MODEL	SERIAL No	TOTAL	SMOH
L ENGINE	LYCOMING	TIO-540-V2AD	L-8563-61A	2846.6	742.8
R ENGINE	LYCOMING	LTIO-540-V2AD	L-2726-68A	2832.6	864.4
L PROP	HARTZELL	HC-I3YR-2UF	FS-193A	UNK	966.4
R PROP	HARTZELL	HC-I3YR-2LUF	FS-192A	UNK	966.4

Completed an Annual Inspection in accordance with Piper PA 31P-350 Event 1 and 2 inspection checklists Piper PN 761-786 dated 12/16/1994

1. Complied with **AD 2003-24-07** amendment 39-13376, Effective date 02/09/2004, Visual Inspection of the Rudder Torque Tube per paragraphs (e) (2) and **Piper SB 1105A** dated 09/22/2003. No corrosion detected at this time. (Due each 12 Months)
2. Complied with **AD 2009-13-06** dated July 24, 2009 per paragraph (2) (i) lubricated and inspected all nose baggage door latching and locking components for damaged, worn, corroded, or non-conforming components; and (ii) verified the key can only be removed from the lock assembly in the locked position in accordance with INSTRUCTIONS: PART II of Piper Aircraft, Inc. **Service Bulletin No. 1194B**, dated April 12, 2012. Due each 100 hours
3. Complied with **AD 2004-25-16 R1** effective date 6/25/2005. Operational and leak test satisfactory of heater fuel regulator / shut off valve. No leaks noted.
4. Complied with ELT inspection per **CFR 91.207 (d)** (1) Proper installation; (2) Battery corrosion (3) Operation of the controls and crash sensor; and (4) The presence of a sufficient signal radiated from its antenna No defects were noted at this time, Battery replaced PN BS2166 Expiration date SEP. 2014
5. Complied with Gill G-247 Instructions for Continued Airworthiness, aircraft battery capacity test, passed within acceptable limits. Battery SN G02726230
6. Complied with **Piper SL 755C** Landing gear lock rod inspection.
7. Complied with **Piper SL 1092B** dated 09/01/2011 Main Landing Gear Retraction Arms PN 42042-00, 42042-002 Inspection. Removed left and right main gear retraction arms and inspected per service bulletin instructions. No defects noted. Reinstalled retraction arms.
8. Complied with **Piper SL 1135** dated 10/19/2010 Control Cable / Pulley Inspections during the Annual Inspection, no defects noted at this time.

OPERATIONS
E NUMBER C
SIFIC ENTRIES

DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS (ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF SPECIFIC ENTRIES.)
19__				



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09/01/2013 N65GS PIPER PA31P-350 SN 31P-8414016
HOBBS: 798.1 TOTAL: 3232.0 Heater Hobbs: 322.1

9. Complied with Bracket Instructions for Continued Airworthiness by installation of new Bracket induction air filters PN BA3305 left and right engines, next time change 09/2014.
10. Complied with 100 hour emergency exit window inspection. No defects found at this time.
11. Removed oxygen bottle PN 895-04022, SN ALT280-2277/159 and sent out for hydrostatic check, hydrostatic test performed 08/22/2013 reinstalled bottle serviced and leak checked.
Note: Bottle life limit date of 02/2018.
12. Replaced nose gear axle thru bolt PN AN 6-74A
13. Cleaned corrosion from battery box, hold down fastener and under floor of nose section, neutralized with baking soda and water. Replaced battery vents PN 492-351 and 492-352 and spliced in hoses to battery vents.
14. Replaced both aft position light bulbs PN 34-0428070-64
15. Replaced static wick PN 456-802 right wing.
16. Glued right flap top inboard chafe strip back into position.
17. Replaced corroded nose gear hinge brackets bolts as needed
18. Installed sealant Pilot's and Co-Pilot's window where hump seal was peeling up
19. Replace shimmy dampener bearing PN 453-334 and bolt PN AN4-22A
20. Adjusted right landing gear main door.
21. Cleaned corrosion off spar splice plate primed and coated with Ardrex AV8.
22. Replaced locks PN 761-115 and adjusted MLG actuators IAW Piper PA 31P-350 Maintenance Manual section 32-12-047
23. Adjusted elevator cable tension per Piper PA 31P-350 Maintenance Manual
24. Serviced hydraulic reservoir with hydraulic fluid 5056
25. Adjusted left gear down lock cable IAW Piper PA 31P-350 Maintenance Manual section 32-12-04
26. Adjusted Nose landing gear doors IAW Piper PA 31P-350 Maintenance Manual section 32-23-02.
27. Lubed right fuel shutoff lever
28. Adjusted right MLG door IAW Piper PA 31P-350 Maintenance Manual section 32-13-04.



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ERATIONS
TE NUMBER OF
CIFIC ENTRIES.)

10/07/2014 N65GS PIPER PA31P-350 SN 31P-8414016
HOBBS: 861.8 TOTAL: 3295.7 Heater Hobbs: 338.9

	MAKE	MODEL	SERIAL No	TOTAL	SMOH
L ENGINE	LYCOMING	TIO-540-V2AD	L-8563-61A	2910.3	806.5
R ENGINE	LYCOMING	LTIO-540-V2AD	L-2726-68A	2896.3	928.1
L PROP	HARTZELL	HC-I3YR-2UF	FS-193A	UNK	1030.1
R PROP	HARTZELL	HC-I3YR-2LUF	FS-192A	UNK	1030.1

Completed an Annual Inspection in accordance with Piper PA 31P-350 Event 1 and 2 inspection checklists Piper PN 761-786 dated 12/16/1994

1. Complied with *AD 2003-24-07* amendment 39-13376, Effective date 02/09/2004, Visual Inspection of the Rudder Torque Tube per paragraphs (e) (2) and *Piper SB 1105A* dated 09/22/2003. No corrosion detected at this time. (Due each 12 Months)
2. Complied with *AD 2009-13-06* dated July 24, 2009 per paragraph (2) (i) lubricated and inspected all nose baggage door latching and locking components for damaged, worn, corroded, or non-conforming components; and (ii) verified the key can only be removed from the lock assembly in the locked position in accordance with INSTRUCTIONS: PART II of Piper Aircraft, Inc. *Service Bulletin No. 1194B*, dated April 12, 2012. Due each 100 hours
3. Complied with *AD 2004-25-16 R1* effective date 6/25/2005. Operational and leak test satisfactory of heater fuel regulator / shut off valve. No leaks noted.
4. Complied with ELT inspection per *CFR 91.207 (d)* (1) Proper installation; (2) Battery corrosion (3) Operation of the controls and crash sensor; and (4) The presence of a sufficient signal radiated from its antenna No defects were noted at this time, Battery replaced PN BS2166 Expiration date SEP. 2014
5. Complied with Gill G-247 Instructions for Continued Airworthiness, aircraft battery capacity test, passed within acceptable limits. Battery SN G02726230
6. Replaced ELT battery P/N BS2166. Due for replacement Aug 2016.
7. Complied with *Piper SL 1092B* dated 09/01/2011 Main Landing Gear Retraction Arms PN 42042-00, 42042-002 Inspection. Removed left and right main gear retraction arms and inspected per service bulletin instructions. No defects noted. Reinstalled retraction arms.

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.)
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10/07/2014 N65GS PIPER PA31P-350 SN 31P-8414016
HOBBS: 861.8 TOTAL: 3295.7 Heater Hobbs: 338.9

8. Complied with *Piper SL 1135* dated 10/19/2010 Control Cable / Pulley Inspections during the Annual Inspection, no defects noted at this time.
9. Complied with Bracket Instructions for Continued Airworthiness by installation of new Bracket induction air filters PN BA3305 left and right engines, next time change 09/2014.
10. Complied with 100 hour emergency exit window inspection. No defects found at this time.
11. Polished RH MLG axle in accordance with Piper PA-31P-350 maintenance manual.
12. Replaced nose wheel axle P/N 31797-02
13. Upon inspection found ground pin "G" to have a loose connection on deice timer plug. Resecured pin and cleaned plug. Ops check good at this time.
14. Installed new tail beacon assembly and rewired P/N 01-0770034-01.
15. Inspected and found L/H squat switch out of adjustment. Adjusted L/H squat switch, ops check good at this time. Applied non-conductive cement to lift transducer.
16. Replaced both nav assy light gaskets.
17. Removed loose rivets on door hinge and replaced with new. Ops check of door good at this time.
18. Replaced both left and right nacelle fuel cap lanyards P/N 472-059.
19. Replaced both loose rivets on R/H top, aft wing to fuselage fairing.
20. Adjusted elevator cable tension per Piper PA 31P-350 Maintenance Manual
21. Serviced hydraulic reservoir with hydraulic fluid 5056
22. Replaced missing post head P/N 02-0350281-03 and repaired broken wire on inop post. Ops check good at this time.

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.)
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10/07/2014

N65GS

PIPER PA31P-350

SN 31P-8414016

HOBBS: 861.8

TOTAL: 3295.7

Heater Hobbs: 338.9

23. Installed three missing grommets on heater with new.
24. Installed path on LH engine bottom cowl by cowl flap door.
25. Adjusted aileron cable tension IAW Piper MM section 27-14-02.
26. Adjusted rudder cable tension IAW Piper MM section 27-22-02
27. Replaced landing light inop bulb P/N GE 4596. Ops check good at this time.
28. Replaced R/H elevator counter weight boot P/N 453-226.
29. Drained fuel and replaced right wing fuel sender gasket and tank gasket P/N 50856-00
30. Replaced GPU door with serviceable as removed door.
31. Serviced both prop accumulators to 41 psi.
32. Repaired brake reservoir hinge as required.
33. Repaired R/H cowling where belt had rubbed through.

I certify that this **Aircraft** has been inspected in accordance with an **Annual Inspection** and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. **19002**.

Date Signed 10/07/2014:

Jeff Seals

Jeff Seals



Des Moines Flying Service, Inc., FAA CRS G9CR485J

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.)
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N 65GS

Piper PA-31P-350

Serial # 31P-8414016

Hobbs: 861.8

Removed and bench tested King pitch servo, KS-270A part number 065-0059-02 serial number 26270. Repaired servo and reinstalled in aircraft.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and 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 agency under Work Order No. 30221.

Date 10/06/2014 Signed:



Alfred L. Hill

Des Moines Flying Service, Inc., FAA CRS G9CR485J

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.)
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Altimeter 5035P-P23 S/N 15714

Test Equipment	Tolerance	Aircraft
-1000	20	0
0	20	0
500	20	+10
1,000	20	0
1,500	25	0
2,000	30	+20
3,000	30	+20
4,000	35	+20
6,000	40	+30
8,000	60	+30
10,000	80	+30
12,000	90	+20
14,000	100	+30
16,000	110	+40
18,000	120	+50
20,000	130	+90
22,000	140	+40
25,000	155	+10
30,000	180	—
35,000	205	—
40,000	230	—

I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed. The altimeter was tested to 25,000 feet on 10-26-2015

Signed [Signature] W.O. 19473
Lafayette Avionics, Inc.
1632 Aviation Dr
West Lafayette, IN 47906
Repair Station KH2R952K

PILOT

LEFT

Altimeter 5934PAD-3 S/N 406920

Test Equipment	Tolerance	Aircraft
-1000	20	0
0	20	-10
500	20	-5
1,000	20	0
1,500	25	-10
2,000	30	0
3,000	30	-5
4,000	35	0
6,000	40	-10
8,000	60	-20
10,000	80	-20
12,000	90	-50
14,000	100	-50
16,000	110	-60
18,000	120	-80
20,000	130	-30
22,000	140	-100
25,000	155	-140
30,000	180	—
35,000	205	—
40,000	230	—

I certify that the altimeter and static system tests required by FAR Part 91.411 have been performed. The altimeter was tested to 25,000 feet on 10-26-2015

Signed [Signature] W.O. 19473
Lafayette Avionics, Inc.
1632 Aviation Dr
West Lafayette, IN 47906
Repair Station KH2R952K

COPILOT

RIGHT



October 27, 2015

N65GS

Piper PA-31P-350

S/N 31P-8414016

Hobbs 890.5

A/C T.T. 3325.5

Complied with Annual Inspection of aircraft this date in accordance with Piper Mojave Inspection Report P/N 230-1088 issued December 9, 1994.

FAR 91.411 & FAR 91.413 complied with by Lafayette Avionics on their WO# 19473.

Complied with FAR 91.207 "ELT" inspection, no defects noted. Battery due Aug 2016.

Complied with AD 15-19-07 "External Fuel Injection Lines" on LH & RH side, no defects noted.

Complied with AD 03-24-07 "Rudder Torque Tube" by inspection, no defects noted.

Complied with AD 09-13-06 R1 "Nose Baggage Latching & Locking 100 hour" by inspection, no defects

Installed new seal on cabin door snubber and serviced. Installed new Static Wick on right Aileron.

Installed new O rings in shimmy dampener. Replaced several screws and washers where needed.

Installed new bearings on right gear door hinge.

Run, leak and operational check satisfactory. See separate file for AD note listing and compliance.

I certify that this airframe has been inspected in accordance with an Annual inspection and has been approved for return to service.

Date October 27, 2015 Work Order 15-5825

Michael J. Guth

Purdue Aviation, LLC.

1630 Aviation Dr.

West Lafayette, IN. 47906

Repair Station #AHRR100C



October 20, 2016
N65GS
Hobbs 995.3

Piper PA-31P-350
A/C T.T. 3430.3

S/N 31P-8414016

Complied with Annual Inspection of aircraft this date in accordance with Piper Mojave Inspection Report P/N 230-1088 issued December 9, 1994.

Complied with FAR 91.207 "ELT" inspection, no defects noted. Battery due Oct 2018.

Complied with AD 15-19-07 "External Fuel Injection Lines" on LH & RH side, no defects noted.

Complied with AD 03-24-07 "Rudder Torque Tube" by inspection, no defects noted.

Complied with AD 09-13-06 R1 "Nose Baggage Latching & Locking 100 hour" by inspection, no defects.

Complied with AD 04-25-16 "Regulator Shut Off Valve" by inspection, no defects noted.

Installed Re-built Heater P/N FR47D65-3 (IS) S/N HA15090029, ops check satisfactory.

AD 04-21-05 "Heater Decay Test" no longer applies.

Serviced oxygen system to correct pressure. Installed new 4596 landing light. Repaired flap motor wires. Cleaned ejector valves. Fire extinguisher serviced by Ace Fire Protection on their WO# 80889. Replaced Schrader Valves in air conditioning system and serviced with R414A refrigerant. Installed O/H DG P/N 1U262-001-37 S/N T57739L in Co-Pilots position. Installed new right main 650X10 8 ply tire P/N 077-345-0 S/N 3269S00165. Repaired burnt wire to Prop De-ice system.

Run, leak and operational check satisfactory. See separate file for AD note listing and compliance.

I certify that this airframe has been inspected in accordance with an Annual inspection and has been approved for return to service.

Date October 20, 2015 Work Order 16-6121

Purdue Aviation, LLC.
1630 Aviation Dr.
West Lafayette, IN. 47906
Repair Station #AHRR100C

CORRECTION

DATE	TOTAL TIME IN SERVICE
19__	

REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO
 FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.



May 31, 2017
 N65GS

Piper PA31P-350
 Hobbs: 1063.2 A/CTT: 3498.2

S/N: 31P-8414016

Serviced air conditioner with 5lbs of R414A refrigerant. .

*The aircraft and/or component identified above was repaired and inspected in accordance with the current approved data and was found to be airworthy with respect to work performed and was approved for return to service
 Date 05-31-2017 Work Order 17-6316*

Purdue Aviation, LLC.
 1630 Aviation Dr.
 West Lafayette, IN. 47906
 Repair Station #AHRR100C

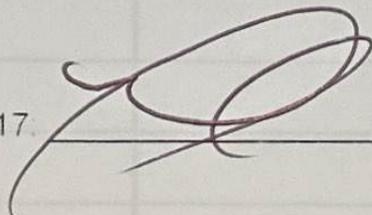
DATE 19__	A. D. NUMBER	TOTAL TIME IN SERVICE	<p style="text-align: center;">AIRWORTHINESS DIRECTIVES CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.</p>
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MAKE: Piper MODEL: PA 31P 350 S/N: 31P-8414016 REG NO. 65GS DATE: 6-5-17
 Hobbs 1063.7 WORK ORDER # 1602

At this time:

1. Install New 650-10 Tire & Tube on Left Main Gear

Date signed: 6-5-2017.



Dominique J. Youakim 3021289 A&P/IA

Maintenance Release This certifies that the work performed above was performed in accordance with manufacturer recommendations and applicable FAR's and is approved for return to service.



October 31, 2017

N65GS

Hobbs 1127.3

Piper PA-31P-350

A/C T.T. 3562.3

S/N 31P-8414016

Complied with Annual Inspection of aircraft this date in accordance with Piper Mojave Inspection Report P/N 230-1088 issued December 9, 1994.

Complied with FAR 91.207 "ELT" inspection, no defects noted. Battery due Oct 2018.

Complied with AD 17-02-06 "Main Circuit Breaker Panel" by inspection, no defects noted.

Complied with AD 15-19-07 "External Fuel Injection Lines" on LH & RH side, no defects noted.

Complied with AD 03-24-07 "Rudder Torque Tube" by inspection, no defects noted.

Complied with AD 09-13-06 R1 "Nose Baggage Latching & Locking 100 hour and 1000 hour items" by inspection and component replacement, no defects. Installed new Davtron clock P/N 803, S/N 16241.

Complied with AD 04-25-16 "Regulator Shut Off Valve" by inspection, no defects noted.

Cleaned ejector valves. Installed new air conditioning compressor hoses and serviced with R414A refrigerant. Repaired armrest on pilot's seat. **Installed new pneumatic system filters.** Tightened torque link bolts on main gear. Cleaned corrosion on battery terminals. Replaced o-rings in left inboard gear door actuator. Trimmed and tightened tubing on co-pilot's oxygen mask.

Run, leak and operational check satisfactory. See separate file for AD note listing and compliance.

I certify that this airframe has been inspected in accordance with an Annual inspection and has been approved for return to service.

Date October 31, 2017 Work Order 17-6439

Purdue Aviation, LLC.
1630 Aviation Dr.
West Lafayette, IN. 47906
Repair Station #AHRR100C

DATE	A. D. NUMBER	TOTAL TIME IN SERVICE	AIRWORTHY
19__			



7 Airport Rd Savoy, IL. 61874
 (217)351-7700 (800)747-4777 Certified Repair Station

N65GS SN 31P8414016 1129.2 HRS.HOBBS

I CERTIFY THE ALTIMETER/ALTITUDE REPORTING/STATIC EQUATION 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 91.411. THE ALTIMETER, SECONDARY ALTIMETER, AND ENCODER WORKING SYSTEM WAS LEAK TESTED TO AN ALTITUDE OF 9,950 FEET.

- ENCODING ALTIMETER MAKE-UNITED INSTRUMENT, MODEL 1000
- SECONDARY ALTIMETER MAKE-UNITED INSTRUMENT, P/N-SSD120-XXA-RS232, S/N-SRA 1000
- ENCODER MAKE-T.C.I., P/N-SSD120-XXA-RS232, S/N-SRA 1000
- PERFORMED TRANSPONDER CORRELATION/ENCODER TESTS
- THE ATC TESTS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED IN ACCORDANCE WITH APPENDIX F.
- TRANSPONDER MAKE-GARMIN, P/N-011-03302-00, MODEL 4000

I CERTIFY ALL MAINTENANCE ON THIS AIRCRAFT WAS PERFORMED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION. THIS AIRCRAFT IS BE AIRWORTHY WITH RESPECT TO THE WORK PERFORMED. THIS REPAIR STATION UNDER WORK ORDER #AV-5796.

[Signature] for FLIGHTSTAR CORP. CRS# BO

CORRECTION CHART

ALT P/N 5035P-P23 S/N 15714

ADC P/N		S/N	
ACTUAL ALTITUDE	ALTIMETER INDICATION	ACTUAL ALTITUDE	ALTIMETER INDICATION
-1,000	-1020	14,000	14040
0	0	16,000	16050
500	500	18,000	18060
1,000	1000	20,000	20060
1,500	1510	22,000	22060
2,000	2020	25,000	25050
3,000	3020	30,000	30020
4,000	4020	35,000	35070
6,000	6040	40,000	
8,000	8050	45,000	
10,000	10040	50,000	
12,000	12040		

Date: 11-17-17
 Calibrated in accordance with FAR 43 Appendix E.
 Calibrated within spec up to 35000 Feet

Tested by: *[Signature]*
 FLIGHTSTAR
 CRS BONR551C
 SAVOY IL 61874

DATE

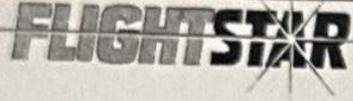
A. D.
NUMBER

TOTAL
TIME IN
SERVICE

AIRWORTHINESS DIRECTIVES

CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.

19__



7 Airport Rd Savoy, IL. 61874

(217)351-7700 (800)747-4777

Certified Repair Station #BONR551C Page 1

N65GS SN 31P8414016

1129.2 HRS.HOBBS

11-17-2017

- I CERTIFY THE ALTIMETER/ALTITUDE REPORTING/STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. THE ENCODING ALTIMETER, SECONDARY ALTIMETER, AND ENCODER WERE TESTED TO 35,000 FEET. THE STATIC SYSTEM WAS LEAK TESTED TO AN ALTITUDE OF 9,950 FEET.
 - ENCODING ALTIMETER MAKE-UNITED INSTRUMENT, MODEL-5035P-P23, S/N-15714.
 - SECONDARY ALTIMETER MAKE-UNITED INSTRUMENT, P/N-5934PAD-3, S/N-406920.
 - ENCODER MAKE-T.C.I., P/N-SSD120-XXA-RS232, S/N-SRA 10945.
 - PERFORMED TRANSPONDER CORRELATION/ENCODER TEST.
 - THE ATC TESTS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX F.
 - TRANSPONDER MAKE-GARMIN, P/N-011-03302-00, MODEL-GTX 345, S/N-3EG003615.
- I CERTIFY ALL MAINTENANCE ON THIS AIRCRAFT WAS PERFORMED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS DETERMINED TO BE AIRWORTHY WITH RESPECT TO THE WORK PERFORMED. DETAILS OF THIS WORK ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER #AV-5796.

for FLIGHTSTAR CORP. CRS# BONR551C

Logbook Entry

Date 1/30/2018

Make Piper

N# 65GS

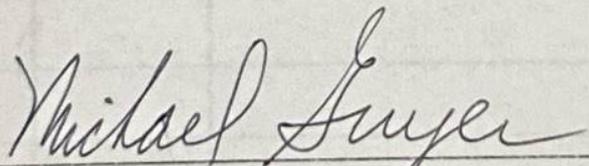
HM = 1151.2

Removed a Garmin MX20 P/N 430-0270-601 S/N 26001817 and a GNS480 P/N 430-6100-800-002 S/N 25701518.

Installed a Garmin GTN750 P/N 011-02282-00 S/N 1ZA022070 in accordance with installation manual and STC SA02019SE-D. Filed FAA form 337 this date. Aircraft weight and balance and equipment list has been revised. Test flight was conducted and found to meet the requirements for IFR enroute, terminal and approach navigation per AC 20-138D, Chapter 21, Par 21-2.1 thru 21-2.3.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order
18-016 18-017



Michael Guyer for CRS PG2R082L

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W. Henderson, KY. 42420
Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R082L

AIRFRAME LOG



N84PM

Piper PA31P-350 S/N:31P-8414016

Date: 01/26/06 Hobbs.:160.5 W.O.#A1248

Removed from aircraft DAC International GDC31 Roll Steering Converter pn#1049-4000-01 sn#10509 and installed replacement pn#1049-4000-03 sn#10943. Reconfigured wiring for 429 data input from GNS480. Configured and operational ground checked – good. No change to weight and balance.

Regarding the above mentioned work this aircraft is approved for return to service.

Signed: Ronald Wallace for:
Leading Edge Aviation
FAA Approved Repair Station #L9QR350Y
63342 Powell Butte Hwy Bend, OR 97701 541-383-8825

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Date:

30 JAN 2018

Registration:

N 659S

REPAIRED KING KMA24 AUDIO PANEL S/N 14317

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 18-032
The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.

For: J. Buck
Ron Collins Aviation Electronics
2158 State Route 136W

CRS No. PG2R082L
Henderson, KY 42420

Phone (270) 827-1161
FAX (270) 827-1164

MEMORANDA

LOG CLOSED

This

12-18

3-

photo

