

#2

AIRCRAFT LOG



ARTEX AIRCRAFT SUPPLIES, INC.
14405 Kell Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-6901

LOG BOOK ENTRY

E.I.T. BATTERY

REPLACEMENT DATE

OCT 2003

AIRCRAFT LOG

PIPER AIRCRAFT CORPORATION

General Offices at
Vero Beach, Florida
U.S.A.

N9127Z

Aircraft
Registration Number

Part No. 230 715

AIRCRAFT DESCRIPTION

Registration No. N 9127Z

Model: PA46-310P Popular Name: Malibu

Serial No.: 4608059 Type Certificate No.: A2550

Colors: Dupont Imm, Blanco H7848U, Bravo 499Z, Regimental Q7891U, Sovereign 43500

Engine Manufacturer: TCM Propeller Manufacturer: Hartzell

Original Engine Model: T510-S20-BE1B Original Propeller Model: BHC-C24F-1BF

Serial Numbers: Single 528501 Hub or Serial Number: Single AM3019

Left _____ Left _____

Right Factory new 10/30/89 Right _____
450.5 Hobbs

Blade Numbers

Left

Right

H20368

H20369

PROPELLER INFORMATION

[illegible]

ANNUAL INSPECTION SUMMARY

(See Log for Details)

100-HOUR INS

(See Log)

Date	Accomplished By	Certificate No.
6-16-94	TT 1311.1 Performed 50 HR Safety check Lubed flight controls. Serviced battery, hydraulics tires. Checked lights. R&R'd oil press, temp, cyl. temp gage. PN 18-1002-5 s/n 857138 Installed REF. WO.# 09529 Tuffy Agri CRS GNR172K	
09-15-94	TT 1349.0 Removed and replaced ELT Battery with new, ops VOK new replacement date Sept 1996. Replaced left and right main gear brake pads, replaced left and right lining pressure plates with new. Resealed left & right	

Date	Time on Aircraft	Recorder Reading	
Con't	TT 1349.0		calipers shoulder tire w new. R Replac Dressed
11-4-94	TT/307.		Performed 50 Hydraulics, bat REF. WO.# 1040

CERTIFICATION TAG

ITEM NAME Engine Gage
 PART NUMBER 18-1002-5
 SERIAL NUMBER 857138
 MANUFACTURER AID/RCA
 WORK ORDER NUMBER

IF ITEM IS TESTED ONLY, FILL OUT BELOW

THIS ITEM HAS BEEN FUNCTIONAL TESTED AND FOUND TO BE AIRWORTHY

BY Shawn J. Hayden DATE 12 Jan 87

AIRCRAFT INSTRUMENT & DEVELOPMENT INC., R. C. ALLEN INSTRUMENT DIV.

535 SOUTH TOPEKA

WICHITA, KANSAS 67202

CERTIFICATED REPAIR STATION 3070

100-HOUR INSPECTION SUMMARY
(See Log for Details)

Certificate No.

Date

Time on
Aircraft

Recorder
Reading

Accomplished By

Certificate No.

check

hydraulics

ress, fangs,

38 In. fuel

GNIR172K

WORTHY
87
MENT DIV.

placed ELT Battery

placement date

right main gear

right lining

placed left & right

Con't TT 1349.0

calipers. Repaired right rear
shoulder harness. Replaced nose
tire with new, replaced tube with
new. Replaced wheel bearings & races.
Replaced center elevator static wick
Dressed and painted prop. Ref w/o 10099
Peter R. Boissonneault
GNIR172K

11-4-94 TT/307. Performed 50 HR Safety check. Serviced tires,
hydraulics, battery. Checked lights & brakes.
REF. W.O. #10456 Jeffrey C. Gni GNIR172K

(See Log for Details)

[illegible]

Date	
Tr	
Mo	
ha	
for	
WC	
GR	
026	
Dat	
03-13-95	

LATEST FAA MAJOR REPAIR AND ALTERATION FORM

Date	Reason	New Useful Load	Resulting Empty		
			Weight	C. G.	Moment
Transponder mfg. by <u>KMG</u> Model # <u>KT-79</u> s/n <u>3480</u> has been tested and inspected and found to comply with FAR 91.413 WO # <u>11017</u> by <u>B. A. Bartlett</u> for GRIFFIN AVIONICS, INC. Hyannis, MA 02601. FAA Repair Station GN1R172K Date <u>3 / 9 / 85</u>	Transponder mfg. by <u>KMG</u> Model # <u>KT-79</u> s/n <u>3512</u> has been tested and inspected and found to comply with FAR 91.413 WO # <u>11017</u> by <u>B. A. Bartlett</u> for GRIFFIN AVIONICS, INC. Hyannis, MA 02601. FAA Repair Station GN1R172K Date <u>3 / 9 / 85</u>				
7-13-95	AFTT 1417.0 c/w 100 hr / Annual Inspection using Piper checklist 761-783. Serviced and charged main battery. Replaced gyro filters. c/w Piper S/B 796B Part 1. Replaced pilots shoulder harness, used overhauled unit. Replaced RM6 can retract actuator. Aircraft washed, run, cleaned Ref W/O 10982 / 10983				
	Peter R. Boussonneauet Sr. GN1 R172K				

Case Leak Test
Hysteresis Test:

First Test Point
(50% of Max. Altitude) +30 75
Second Test Point
(40% of Max. Altitude) +10 75
After Effect Test
0 30

Tolerance
(+ Feet)
-30 100

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
all AD's c/w checked Thru 95-06	03 / 13 / 95 Tach Total time 1417.0	1417.0		
Annual due 3-96	I certify this Airframe has been inspected in accordance with an Annual inspection & was			
FAR 91-411 3-97	determined to be in airworthy condition.			
FAR-91-413 3-97	Signature <u>Peter P. Boissonneault Sr</u> No. <u>6N1R172K</u>			
ELT Battery Due 9-96				

NO REG. 91272
DATE: 2-27-96

Performed
scrubbed the
oil filter for
Refilled the
Ground Run &
NOTED.

WORK ORD
SIGN/TITLE

FAA CERT
HAW
DE

NESS DIRECTIVES

Time on Aircraft	Date of Compliance	Signature and Certificate No.
1417.0		
been inspected in		
inspection & was		
by condition.		
noaults		

LOG BOOK ENTRY

AC REG.: 91272 A/C S/N: 4608059
 DATE: 2-29-96 HOUR METER: 1535.9 W/O NO: 761625

Performed an oil & filter change.
 Scrubbed the oil. Cut open & inspected the
 oil filter for metal particles, none noted.
 Refilled the engine with owner supplied oil. 98.
 Ground run & inspected for leak, none were
 noted.

WORK ORDER#

SIGN/TITLE

EAST COAST AVIATION

FAA CERTIFIED REPAIR STATION NO. OVTR738L

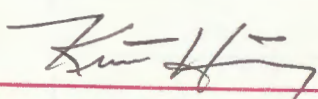
HANGAR TWO-WEST HANSCOM FIELD

BEDFORD, MA 01730 617-274-0105

East Coast Aviation

FAA Certified Repair Station #OVTR738L

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
	25 March 1996 N9127Z Job# 88670 H: 1542.2			
	Removed and replaced defective Bendix/ King KS-270A Pitch Servo. S/N on X20385, S/N off 21259. Part number 065-00059-003. Ramp checked good.			
				
	E.W. WIGGINS AIRWAYS, INC. AXSR325C, NORWOOD, MA			

COMPL

Bulletin or Letter No.
4-12-96
PIPED MAINT
CONTROLL AN
TIRE, ROTOR
HYD. REL.,
SCREW AND
VACUUM RELIE
WITH NEW
AND NITRO
P/W

AND LETTERS

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Date of Compliance	Signature and Certificate No.	Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
		4-12-96	TT 1545.2 PERFORMED 100 HR INSPECTION IAW PIPER MALIBU FORM AND FAR PART 43, APP. D. LUBED ALL FLIGHT CONTROLS AND CHECKED FOR PROPER TRAVEL AND SECURITY. SERVICED TIRES, BATTERY, FUEL BOWL, OUTFLOW AND SAFETY VALVES, BRAKE RES. HYD. RES., INDUCTION FILTER, CLEAN AND GREASE ELEVATOR TAIL SCREW AND FLAP JACK SCREW. LUBE GEAR AND GREASE PROP. RTR VACUUM RELIEF FILTER P/N B3-5-1. REBUILT RT. GEAR STRUT WITH NEW SEALS AND SERVICED ALL STRUTS WITH HYD. FLUID AND NITROGEN. INSTALL NEW PRIMARY AIR VALVE PLATE P/N WELDED ENGINE MOUNT AT NOSE GEAR ACTUATOR			

PROPELLER

Date Overhauled	Hub Serial No.	Work Done
1-12-96	TI 1545.2	AFT ATTACH POINT, RIGHT SIDE. RTR BOTH NOSE TRUNNION TO NOSE DOOR FRAME SUBPARTS P/N F3674-004. RTR NOSE ACTUATOR AFT BOLT P/N AN74A. A.P.S CHECKED THROUGH 96-07. ———— END ————
4/12/96	TI 1545.2	<i>DubA. Nam APC 12591216</i> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION + WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>August Nyjelh AP1898863IA.</i>

OVERHAULS

Work Done By

7/25/96 Hobbs
OPENINGS + CAPS
REVISED AS FOLLO

INSTALLED NEW
WITH FCI.

OVERHAULS

Work Done By

**Certificate
No.**

Returned to Service

By _____

Certificate No.

Date _____

7/25/96	HOBBS	1545.3	INSTALLED ADDITIONAL FUEL FILTER
	OPENINGS + CAPS KIT VK-100 PER STCSA00859 AT WT + BALANCE		
	REVISED AS FOLLOWS NEW EW - 2840.8 LBS FROM W+B DATED		

11 EWCC - 135.26

12/20/89

11 EN MOM - 384250.66

INSTALLED NEW BRAKE LININGS - 66-62, REPLACED TIRES (MAINS)	
WITH FCI. A. D. N. 1898863	

Mydln AP1848863IM.

Total To
Carry Forward

JAN 02 1997 N9127Z

Job# 90588

In compliance with F.A.R. Part 91.411 the
Altimeter Serial # 1533 was tested to
35,000 ft. by WIGGINS

The Static System Test has been performed
by R-45 Date 1-2-97

WIGGINS AIRWAYS, INC.
AXSR325C, NORWOOD, MA

In compliance with F.A.R. Part 91.411 the
Altimeter Serial # 06659 was tested to
35,000 ft. by WIGGINS

The Static System Test has been performed
by R-45 Date 1-2-97

WIGGINS AIRWAYS, INC.
AXSR325C, NORWOOD, MA

JAN 02 1997 N9127Z

Job# 90588

ATC Transponder, Model# K779 S/N 3480/3512
has been tested and inspected and found to
comply with paragraph (c) Appendix E of Part 43

by R-45 Date 1-2-97 Job# 90588

E.W. WIGGINS AIRWAYS, INC.
AXSR325C, NORWOOD, MA

Date

Brought
Forward →

This Date

Aircraft Time

Total

Recorder
Reading

Maintenance

5/16/94

1281.0

Total Time

830.5 SMCH

(Page one of
Log # 2)

AIRCRAFT LOG

(out of order)

JAN 02 1997

N9127Z

Job# 90588

In compliance with FAR Part 91.413,
Transponder System, Model # K779
S/N 3480 was tested in accordance
with Part 43, Appendix P.

by R-45 Date 1-2-97

and Remarks

New log

JAN 02 1997

Job# 90588

ATC Transponder, Model # K779 S/N 3416/3512

has been tested and inspected and found to comply with paragraph (c) Appendix E of Part 43

by [Signature] Date 1-2-97 Job# 90588

E.W. WIGGINS AIRWAYS, INC.
AXSR325C, NORWOOD, MA

Maintenance

(out of order)

Time 830.5 SMH

JAN 02 1997

N9127Z

Job# 90588

In compliance with FAR Part 91.413,

Transponder System, Model # K779

S/N 3480 was tested in accordance with Part 43, Appendix "F".

by [Signature] Date 1-2-97

#1 WIGGINS AIRWAYS, INC.
AXSR325C, NORWOOD, MA

In compliance with FAR Part 91.413,

Transponder System, Model # K779

S/N 3512 was tested in accordance with Part 43, Appendix "F".

by [Signature] Date 1-2-97

#2 WIGGINS AIRWAYS, INC.
AXSR325C, NORWOOD, MA

and Remarks

New log book #2 - END-

Registration No. N9127Z

Signature

Certificate No.

RJ Blundell CES-611112K

TEST ALT. X 1000 FT.	TOL. + FT.	ACTUAL + FT.	FRICTION X 1000 FT.	TOL. + FT.	ACT. + FT.	CASE LEAK TOL. - 100 FT.	
-1	20	+5	1	70	+30	0 fm @ 18,000 ft	
0	20	0	2	70	+30		
.5	20	+5	3	70	+30		
1	20	-	6	70	+40	HYSTERSIS TOL. + 75 FT.	
1.5	25	-	10	80	+40	50% MAX.	45 ft.
2	30	-	15	90	+50	40% MAX.	
3	30	-	20	100	+60	AFTER EFFECTS. TOL. + 30 FT.	
4	35	-5	25	120	+60		
6	40	-15	30	140	+60	10 ft.	
8	60	-25	35	160	+70		
10	80	-25	40	180		BAROMETRIC SCALE ERROR. TOL. + 25 FT.	
12	90	-30	50	250			
14	100	-30			TEMP. °C		
16	110	-20					
18	120	-20	IN. HG.	ALT. DIFF.	ACT.	25°C	
20	130	-10	28.10	-1727	-1725		
22	140	-10	28.50	-1340	-1335	ALTITUDE 35K	
25	155	-	29.00	-863	-860		
30	180	-	29.50	-392	-405	MFG. United	
35	205	-20	29.92	0	0		
40	230		30.50	+531	+525	MODEL # 59248-1	
45	255		30.90	+893	+890		
50	280		30.99	+974	+975	SER. # 06659	

SIGNATURE: *Gangi* DATE: 12-9-77
 INSPECTOR: *R. J. J.* FAA REPAIR STA. AXSR325C
 WIGGINS AIRWAYS
 NORWOOD MUNICIPAL AIRPORT
 NORWOOD, MASS. 02062
 JOB # 90588

TEST ALT. X 1000 FT.	TOL. + FT.	ACTUAL + FT.	FRICTION X 1000 FT.	TOL. + FT.	ACT. + FT.	CASE LEAK TOL. - 100 FT.	
-1	20	-	1	70	+40	0 fm @ 18,000 ft	
0	20	0	2	70	+40		
.5	20	-5	3	70	+40		
1	20	-5	6	70	+50	HYSTERSIS TOL. + 75 FT.	
1.5	25	-5	10	80	+50	50% MAX.	45 ft.
2	30	-5	15	90	+50	40% MAX.	
3	30	-5	20	100	+50	AFTER EFFECTS. TOL. + 30 FT.	
4	35	-5	25	120	+60		
6	40	-20	30	140	+80	20 ft.	
8	60	-20	35	160	+80		
10	80	-20	40	180		BAROMETRIC SCALE ERROR. TOL. + 25 FT.	
12	90	-20	50	250			
14	100	-20			TEMP. °C		
16	110	-20					
18	120	-25	IN. HG.	ALT. DIFF.	ACT.	25°C	
20	130	-30	28.10	-1727	-1730		
22	140	-50	28.50	-1340	-1320	ALTITUDE 35K	
25	155	-70	29.00	-863	-870		
30	180	-110	29.50	-392	-370	MFG. United	
35	205	-120	29.92	0	0		
40	230		30.50	+531	+545	MODEL # KFA-12A	
45	255		30.90	+893	+890		
50	280		30.99	+974	+970	SER. # 1533	

SIGNATURE: *Gangi* DATE: 12-9-77
 INSPECTOR: *R. J. J.* FAA REPAIR STA. AXSR325C
 WIGGINS AIRWAYS
 NORWOOD MUNICIPAL AIRPORT
 NORWOOD, MASS. 02062
 JOB # 90588

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-18-96	Brought Forward →	1621.7		REPAIRED FLAP INDICATOR
	AT BELL CRANK.			REINSTALL GEM AFTER REPAIR.
	<i>Paul A. Nance</i>		ATP 12541216	
11-27-96		1645.3		RTR FUEL FLOW TRANS-
	OVER	P/N 51522-02.		RTR EMERGENCY EXIT
	SEAL. RTR NOSE GEAR			UP LINE UNDER CABIN
	FLOOR. RUN GEAR & BLEED SYSTEM. REBUILD			
	LEFT BRAKE CALIPER WITH NEW SEALS & BLEED			
	LEFT SYSTEM.			END
Total To Carry Forward			<i>Paul A. Nance</i>	ATP 12541216

Registration

and Remarks

5-8-97 HOBBS & T 1671.8
 IAW PIPER MALIBU FORM
 ALL FLIGHT CONTROLS
 AND SECURITY. SERVICED
 FUEL BOWL, OUTFLOW &
 GREASE PROP. SWING
 OK. CLEAN & GREASE F
 FILTERS P/N BS-5-1. C/W
 FILTER P/N 561-020
 HOT PLATE AFTER PO
 TIT. C/W S.B. 997 IN

D.O.T. Approval
 No. 42 - 90

INSIGHT INSTRUMENT CORP.
 FORT ERIE, ONTARIO L2A 5M1

Insight

Product Name: GEM
 Part No.: 1361
 Software Level: 603
 Total Time: 24h.

Manufacturer: INSIGHT
 Serial No.: 4013
 Mod: N/A
 Work Order: SWIFT AVIATION

Overhaul ☐ Repair ☒ Modification ☐
 Previous Certification: Nov/89

FOR D.O.T. USE

The maintenance described has been performed in accordance
 with the applicable standards of airworthiness.

Angeline Lambert
 NAME OF AUTHORIZED INSPECTOR

Oct. 15/90
 DATE

D.O.T. AIRWORTHINESS REPRESENTATIVE

DATE

APPROVED FOR EXPORT

Details of outstanding work and other information on reverse.

MAINTENANCE RELEASE

93-91-01 0000051

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

5-8-97 HOBBS & T 1671.8 PERFORMED 100 HR INSPECTION
 IAW PIPER MALIBU FORM AND FAR PART 43, APP. D. LUBED
 ALL FLIGHT CONTROLS AND CHECKED FOR PROPER TRAVEL
 AND SECURITY. SERVICED TIRES, BATTERY, HYD. RES., BRAKE RES.,
 FUEL BOWL, OUTFLOW & SAFETY VALVES. LUBE & GREASE GEAR.
 GREASE PROP. SWING GEAR, OPERATIONAL & EMERGENCY CHECKS
 OK. CLEAN & GREASE FLAP JACK SCREEN. R & R VACUUM RELIEF
 FILTERS P/N BT-5-1. C/W A.D. 84-2602, R & R INDUCTION
 FILTER P/N 561-020, DUE 2172. REINSTALL WINDSHIELD
 HOT PLATE AFTER POLISHING. C/W S.B. 995A, CALIBRATED
 TIT. C/W S.B. 997 INSTALLED RT. JACK POINT KIT P/N
 OVER

FLAP INDICATOR
 AFTER REPAIR.

FLOW TRANS-

EMERGENCY EXIT

UNDER CANN

ITEM. REBUILD

NEW ITALI & BLANK

12541216

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-8-97	Brought Forward →	1671.8	1671.8	766-628. RTR ELT
				ELT OPERATIONAL CHECK OK, DUE 5-98. RTR
				NOSE BEARINGS. DRESSED & PAINTED PROP. RTR
				IN LOWER LEFT FLAP & BOTH LOWER WING
				AND W1290-24. RTR LEFT BRAKE LININGS R/W
				REBUILD RT. BRAKE CALIPER WITH NEW SEALS
				RIVETS. A.D.'S CHECKED THROUGH 97-09.
				Don A. Nami-
5/8/97		1671.8	1671.8	I CERTIFY THAT
				IN ACCORDANCE WITH AN
Total To Carry Forward				DETERMINED TO BE IN

and Remarks

BATTERY CHG DO
 NOSE TIRE W
 PRIMARY AIR
 FOOT FAIRINGS.
 66-52. RTR
 TWO BLEED HT
 LATP 12541
 THIS AIRCRAFT
 ANNUAL INS
 AIRWORTHY CO

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

18. R&R ELT
 5-98. R&R
 VTRD PROP. R&R
 LOWER WING
 R LINES R/N
 TH NEW SEALS
 ROUGH 97-09.

BATTERY R/N 00-10-009, DUE 6-99. C/W FAR 91.207
 NOSE TIRE WITH G/W F.C. II 5.00-5, 6 P.R. CLEAN & REACK
 PRIMARY AIR VALVE PLATE. REPLACED SEVERAL RIVETS
 ROOT FAIRINGS. R&R BOTH LEFT NAV LAMPS R/N A508-24
 66-62. R&R PANEL LIGHTS DIMMER CONTROL R/N 557-122.
 AND BLEED SYSTEM. C/W S.B. 959, INSTALLED FUSELAGE
 ————— END —————

Sam-
 CERTIFY THAT
 ORDANCE WITH AN
 MINED TO BE IN

ATP 12541216
 THIS AIRCRAFT HAS BEEN INSPECTED
 ANNUAL INSPECTION + WAS
 AIRWORTHY CONDITION

August 1998
 AP1898863114

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-6-98	Brought Forward →		1723.6	RTR LANDING LIGHT ON WITH NEW SEALS AND ALUM
4-3-98			1732.8	REMOVED AND REPLACED 6.00-6, 8 P.R. RTR ALL BACKING PLATE STUDS ON
7-16-98		1747.6	1747.6	PERFORMED 100 HR INSPECTION 143, APP. O. LUBED FOR PROPER TRAVEL AND SAFETY & OUTFLOW VALVES, INDUCTION FILTER. RTR VAL AND GREASE TRIM AND FLAP
Total To Carry Forward				

and Remarks

1746. REBUILD BOTH SYSTEMS MAIN TIE BRAKE LIN 177-3. ALL FLIGHT SECURITY. HYD. POWER ON RELIEF SCREWS. G

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
R LANDING LIGHT ON TH NEW SEALS AND BLANK REMOVE AND REPLACE 00-6, & P.R. RTR ALL CRKING PLATE STUDS ON PERFORMED 100 HR INSPE IT 43, APP. O. LUBED A PROPER TRAVEL AND FETY & OUTFLOW VALVE, ACTION FILTER. RTR VAL A GREASE TRIM AND FLAP	1596. REBUILD RIGHT BRAKE CYLINDER BOTH SYSTEMS. ———— END ———— MAIN TIRES WITH GOODYEAR FLII BRAKE LININGS WITH 066-06200, AND 177-3. ———— END ———— SECTION 1AW PIPER MALIBU FORM AND FAR ALL FLIGHT CONTROLS AND CHECKED SECURITY. SERVICED FUEL BOWL, BATTERY HYD. POWERPAK, BRAKE RESERVOIR, TIRES, W/IN RELIEF FILTERS P/W BS-5-1. CLEAN SCREWS. GREASE & LUBE GEAR. GREASE	<i>Paul A. Sam</i> <i>John F. McFar</i>	AK12571216 A+P11540040

NEXT PAGE

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7-16-98	Brought Forward →	1747.6	1747.6	PROPELLER. SWING GEAR OK. C/W FAR 91.207 OILS AND PAINT PROP. BRAKE DISCS P/W 14A-216. HARNASS REINFORCEMENT SHINEMASTER. C/W A.O. 98- IN POH. A.O. 98-1403 CHECKED THROUGH 98-14.
7/16/98	TI	1747.6	1747.6	I CERTIFY THAT IN ACCORDANCE WITH AN TO BE IN AIRWORTHY CON
Total To Carry Forward				

and Remarks

OPERATIONAL AND R
OPERATIONAL CHECK
ADJUSTED STEERING
C/W J.B. 999. INIT
KIT 766-683. TA
CA-26 INITIATED
S/A BY TRANSPONER
END
THIS AIRCRAFT HAS
ANNUAL INSPECTIO
Sargent M. J.

Registration No. _____

Maintenance

PROPELLER SWING GRAM
 C/W FAR 91.207
 AND PAINT PROP.
 AIR DISCS P/N 16A-216
 REINFORCEMENT
 MASTER. C/W A.D. 98-
 POH. A.D. 98-1403
 CHECKED THROUGH 98-14
 I CERTIFY THAT
 ACCORDANCE WITH AN
 BE IN AIRWORTHY CON

and Remarks	Signature	Certificate No.
OPERATIONAL AND EMERGENCY CHECKS		
OPERATIONAL CHECK OK, OVER 7-99.		
ADJUSTED STEERING PLAY TO .020". RTR		
C/W J.B 999 INSTALLED SHOULDER		
KIT 766-683. TREAT BOOTS WITH		
DA-26 INSTALLED ICING SUPPLEMENTS		
N/A BY TRANSPONER MODEL. A.D. 5		
END	Paul A. Nune	ATC12541216
THIS AIRCRAFT HAS BEEN INSPECTED		
ANNUAL INSPECTION + WAS DETERMINED		
CONDITION. SIGNED Myzelk AP 1898863 I A		

INSPECTION FORM

CUSTOMER

☐ ROUTINE☐ REPAIRS

BRAD LEWIS

189 Access Road
Norwood Airport
Norwood, Ma. 02062

Phone (781) 769-4030

Fax (781) 769-1556

WORK ORDER NO.

210118

DATE

11-9-98

1 1/2% after 15 days. (18% per annum).

Discrep. No	AIRCRAFT TYPE	MODEL	REGISTRATION NO.	SERIAL NO.	TACH. RD.	E. T. D.		
	PIPER	PA-46-310P	N9127Z	4608059	1798.6	DATE	P. M.	
WORK TO BE DONE					MECH.	TIME	INSP.	
1	PROP DE-ICE BLOCK MISALIGNED & SPACER MISSING —				DN	1.0	9.5 10.5	11-9
	INSTALLED THREE #6 NYLON WASHERS UNDER TOP TERMINAL TO PROVIDE CLEARANCE BETWEEN TERMINALS. RESEARCH DE-ICE BLOCK INSTALLATION FOUND BLOCK INSTALLED PERFECTLY.							
2	LEFT TAILPIPE SHROUD BROKEN —				DN	1.0	10.5 11.5	11-9
	FABRICATE PATCH AND RIVET IN PLACE							
3	AIRBOX LINKAGE LOOSE AND OUT OF RIG —				DN	.5	11.5 12.0	11-9
	FOUND RIGGING OK, VALVE DOORS CONTACT BOTH PORTS TIGHTLY. TIGHTENED TWO BOLTS IN LINKAGE TO REMOVE SOME PLAY. THREE PARTS OF LINKAGE WORN, WILL NEED REPLACEMENT IN FUTURE.							
4	DE-ICE VALVE DIRTY — S.B. 803A				DN	1.5		11-9
	REMOVED VALVE AND CLEANED, & REINSTALLED.							
	OIL AGAIN AT 2199 HOURS							
5	TWO SCREWS MISSING FROM ONE LEFT WING PANEL —				DN	.25		11-9
	INSTALLED NEW SCREWS							
6	MINOR LEAKAGE AROUND THREE SCREWS IN LEFT FUEL TANK —				DN	.5		11-9
	CLEAN TANK. REMOVE EACH SCREW & REINSTALL WITH FUEL LUBE.							
7	TOP COUL CENTER CHANNEL AND RT. AFT CORNER ANGLE CRACKED —				DN	2.0		11-9
	FABRICATE TWO PATCHES, DRILL & COUNTERSINK HOLES, PRIME & RIVET IN PLACE. INSTALL COUL & PAINT RIVETS.							
					TOTAL = 6.75 HOURS			



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

DEC - 4 1998

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make PIPER	Model PA-46-310P
	Serial No. 4608059	Nationality and Registration Mark N9127Z
2. Owner	Name (As shown on registration certificate) LEWIS, BRADFORD F.	Address (As shown on registration certificate) 182 BAY COLONY WESTWOOD, MA 02090

3. For FAA Use Only

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

NE-FSDO-03 APPROVING INSPECTOR

VIC MUSANTE

DATE

DEC 09 1998

4. Unit Identification

5. Type

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

6. Conformity Statement

A. Agency's Name and Address THE RADIO SHOP INC. REGIONAL AIRPORT WINTERSTON, MA 01093	B. Kind of Agency U.S. Certified Mechanic Foreign Certified Mechanic I. Certified Repair Station Maintenance	C. Certificate No. 10000000
---	--	--------------------------------

I certify that the repair and/or alteration described herein was performed in accordance with the requirements of FAR 43 and the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 11/25/98	Signature of Authorized Individual Walter Chase
------------------	--

7. Approval for Return To Service

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

FAA FTL Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 12/17/98	Certificate or Designation No. TD5R219N	Signature of Authorized Individual Cousel R. W. Dublowski	



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make PIPER	Model PA-46-310P
	Serial No. 4608059	Nationality and Registration Mark N9127Z
2. Owner	Name (As shown on registration certificate) LEWIS, BRADFORD F.	Address (As shown on registration certificate) 182 BAY COLONY WESTWOOD, MA 02090

3. For FAA Use Only

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

6. Conformity Statement

A. Agency's Name and Address THE RADIO SHOP INC. REGIONAL AIRPORT WORCESTER, MA 01602	B. Kind of Agency	C. Certificate No.
	☐ U.S. Certified Mechanic	TD5R219N
	☐ Foreign Certified Mechanic	
	☒ Certified Repair Station	
	Manufacturer	

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

Date 12/17/98	Signature of Authorized Individual <i>Conrad P. Wondolowski</i>
------------------	--

7. Approval for Return To Service

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

BY	FAA Flt. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 12/17/98		Certificate or Designation No. TD5R219N	Signature of Authorized Individual <i>Conrad P. Wondolowski</i>	

1. UNITED STATES		FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				2. System Tracking Ref. No. 1211-4	
4. Organization CAPITAL AVIATION INSTRUMENT CORP. 10503 OBSERVATION ROAD - MANASSAS, VIRGINIA 20110-2004						5. Work Order, Contract, or Invoice Number: SAME AS #3	
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work	
1	manifold Pressure / Fuel Flow	6533-1	VARIOUS	1	173	Repair	
13. Remarks REFERENCE SERVICE SHOP REPORT FOR WORK PERFORMED The component identified heron was repaired and inspected in accordance with current regulations of the federal Aviation Agency and is approved for return to service. Pertinent details of repair are on file at this facility.							
<i>Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.</i>							
14. New ☐ Newly Overhauled ☐ Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.				19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.		20. Authorized Signature:		21. Certificate Number:	
N/A		N/A				0Y1R391K	
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed)		23. Date	
N/A		N/A		T.W. Kellett		12-14-98	

THE FOLLOWING EQUIPMENT AND COMPONENTS WERE INSTALLED:

1. TCAD COMPUTER/DISPLAY UNIT P/N 70-100
2. MOUNTING TRAY ASSEMBLY P/N 70-001
3. TRANSPONDER COUPLER P/N 70-1040

8. Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark)

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft weight and balance or operating limitation sheets to assure continued conformity with the applicable aircraft weight and balance or operating limitation sheets.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	N9127Z Tach 1802.5 Work Order# 21012			
	Removed Northstar M1 loran system and King KY196 & KT79.			
	Installed II Morrow GX-60 COM/GPS & Ryan TCAD system.			
	Also II Morrow 145-2105 annunciator assembly and Icarus			
	3000U serializer. GPS previously approved under STC#			
	SA005045SE. TCAD previously approved under STC# SA1616GL.			
	GPS approved for VFR, IFR Enroute, Terminal Area, and			
	non-precision approach navigation & was installed and			
	tested IAW AC20-138 Para. 8.c.(2). FAA Approved Flight			
	Manual Supplement provided. All work done IAW AC43.13-1A			
	AC43.13-2A, and manufacturers installation instructions.			
	See FAA Forms 337 this date.			
	<i>Conrad P. Wondolowski</i> 12/17/98			
	the radio shop inc. airport worcester, ma 01602			
	FAA Repair Station TD5R219N			
	continued-----			
Total To Carry Forward				

and Remarks

N9127Z Tach

continued-----

New empty weight

New E.W.C.G.

New moment

New useful load

the radio shop

FAA Repair Station

Weight and balance or operating limitations compatible with all previous alterations

Installation certification. In all cases aircraft certification issued in accordance with the national law may be flown.

such as Canada also have equivalent acceptable documents.

19756

Ins

and Remarks

Signature _____

No

nd King KY196 & KT79.
Ryan TCAD system.
assembly and Icarus
pproved under STC#
1 under STC# SA1616GL.
Terminal Area, and
was installed and
AA Approved Flight
done IAW AC43.13-1A
lation instructions.

12/17/98
ter, ma 01602

N9127Z Tach 1802.5 Work Order# 21012
continued-----

New empty weight	2836.2
New E.W.C.G.	135.25
New moment	383590.3
New useful load	1263.8

Conrad P Wondolowski 12/17/98
the radio shop inc. airport worcester, ma 01602
FAA Repair Station TD5R219N

AIRCRAFT LOG



LOG BOOK ENTRY

P.O. Box 4942
Baltimore, MD 21220
(410) 574-4299
CRS #LF1R294K

N9127Z

AIRFRAME ENTRY

16 DECEMBER 1998

W/O 15446 HOBBS 1816.8 TT A/F 1816.8 - Remove graphic engine monitor and install JPI EDM 700 system. Installed indicator I.A.W. AC 43-13-1A & with supplied template, using existing hole and drilling for new control knobs. Installed CHT, EGT and TIT wiring harnesses I.A.W. Rev. A of installation manual. Drilled 6 ea. New holes in exhaust system and 2 ea. Holes in exhaust T's. routed all wiring and supported all cable bundles with ty wraps and fire-proof sheathing, rubber fire-proof grommets and PRC 1422B2. Shielded all wires with spiral wrap. Installed 2 amp in line fuse and ground supplied from Avionics bus. Install doubler inside of tail around tail tiedown bracket. Operational check satisfactory. See 337 dated 12/16/98 for this EDM installation. ---End---

MAINTENANCE RELEASE -- The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 15446

Date: 12-16-98 Signed: Anthony N. Seno for
Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220

LF1R294K

Carry Forward

and Remarks

N9127Z
TACH: 1882.

Remove Hartzell
and install MT Pro
accordance with V
Instructions V.K.E
Insert supplement
balance sheet. F

P.O. Box 4942
Baltimore, MD 21220
(410) 574-4299
CHS #LF1R294K

16 DECEMBER 1998
and install JPI EDM 700
ing hole and drilling for
of installation manual.
wing and supported all
AC 1422B2. Shilded
Avionics bus. Install
337 dated 12/16/98 for

ered and inspected in
n to service. Pertinent

for
LF1R294K

Registration No. _____

and Remarks

Signature

Certificate No.

N9127Z
TACH: 1882.9

Ser.# 4608059

Piper PA-46-310P
3-26-99

Remove Hartzell propeller model BHC-C2YF-1BF/F8052 Serial # AM 3019
and install MT Propeller model MTV-14-D/195-30a Serial # 98 462 in
accordance with V.K. Leasing, Inc. S.T.C. # SA 01542 AT Installation
Instructions V.K.E.-511E. Revision n/c.
Insert supplement in P.O.H. and make appropriate changes to weight and
balance sheet. File form 337.



Douglas K. Day
A&P/IA 262191863

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-18-99	Brought Forward →	1914.2	1914.2	PERFORMED 100 HR MAINT
				PIPER MALIBU FORM. LUBED
				PROPER TRAVEL AND SECURITY
				BRAKE RESERVOIR, POWER PUMP
				AND OUTFLOW VALVES, FUEL
				B3-S-1. RTR CYRO FILTER
				OPERATIONAL AND EMERGENCY
				WHEEL BEARINGS. CLEAN
				W/ BP-1010, OVE 7-01.
				FUT OK, OVE 8-00. RTR
Total To Carry Forward				063-01100 AND LINES

and Remarks
1A2 FAR 91.2
ONE FLIGHT C
SERVICED TIRE
RESERVOIR, 1A
WENTS. RTR V
ON RADY-181, 1
CHECKS OK. C
AND LUBE TRAN
W FAR 91.2
BOTH BRAKE
WITH AP66-62

Registration No. _____

Maintenance

PERFORMED 100 HR INSPECTION
 PER MAINTENANCE FORM. LUBED
 UPPER TRAVEL AND SECURITY
 AND AIRFLOW, POWER PALLETS
 AND OUTSIDE VALVES, FUEL
 SYSTEM. RTR GYRO FILTER
 OPERATIONAL AND EMERGENCY
 CHECK BEARINGS. CLEAN
 W/ BP-1010, DUE 7-01.
 IT OK, DUE 8-00. RTR
 68-01100 AND LININGS

and Remarks	Signature	Certificate No.
1. AN FAR PART 43, APP. D AND ALL FLIGHT CONTROLS AND CHECKED FOR SERVICED TIRES, BATTERY, FUEL BOWL, RESERVOIR, INDUCTION FILTER, SAFETY VENTS. RTR VACUUM RELIEF FILTERS ON ON RAD-181, DUE 2414. SWING GEAR, CHECKS OK. CLEAN AND REPAIR ALL AND LUBE TRAM SCREW. RTR ELT BATTERY W/ FAR 91.207d OPERATIONAL CHECK OF BOTH BRAKE PRESSURE PLATES P/N WITH AP66-62. CLEANED AND REMOVED		

over

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-18-99	Brought Forward →	1914.2	1914.2	RUST FROM ENGINE
				1504 CLEAN, TEST AND
				INITIAL COPY OF A.O. IN
				AFTER REMOVAL FOR COM
				REINSTALLED PROP WITH
				THROUGH 99-16.
8/20/99		TI	1914.2	I CERTIFY THAT THIS
				ACCORDANCE WITH AN
				TO BE IN AIRWORTHY
Total To Carry Forward				

and Remarks

MOUNT, AN
 CALIBRATION
 FOR AIR
 REPAIR
 WITH
 AIRCRAFT
 ANNUAL
 CONDITIONS
 Diego

Registration No. _____

Maintenance

RUPT FROM ENGINE
15-04 CLEAN, TEST AND
INSTALL COPY OF A.D. IN
AFTER REMOVAL FOR COM
REINSTALLED PROP WITH
THROUGH 99-16.

I CERTIFY THAT THIS
ACCORDANCE WITH AN
TO BE IN AIRWORTHY

and Remarks

MOUNT, PRIMED & PAINTED. C/W A.D. 99-
CALIBRATE TIT SYSTEM PER (a)(1) AND
POH PER (d)(1). REINSTALLED ENGINE
PLIANCE WITH A.D. 99-09-17 BY TCM.
NEW O-RING 713-800. A.D.S. CHECKED

END

AIRCRAFT HAS BEEN INSPECTED IN
ANNUAL INSPECTION & WAS DETERMINED
CONDITION

August Myself AP1298863 IA

Signature

Certificate No.

Just And

AP129886

AIRCRAFT LOG

Registration No.



N 9127Z

Date: 15 SEP 99 Time: 1934.8

R+R RIGHT POSITION LIGHT BULBS
WITH P/N'S A508-28 AND W1290-28
OPS CHECK GOOD

With respect to the work performed and described
above this aircraft is approved for return to service.

[Signature]
A+P 025567937

Eastern Air Center
Norwood Airport
Norwood, MA 02062

Total To
Carry Forward

Maintenance

JET AVIATION OF AMERICA, INC. 380 HANSCOM DR

N9127Z, MODEL-PA46-310P, SN 4608059, WORK OR
DATE-2/15/2000 HOBBS-2020.4

*REPLACED AIR CONDITION COMPRESSOR W/ 1 LB
Pg. 23,24, PARA. A ON Pg. 25. SERVICED W/ 4 LBS

OFF MODEL 4077, SN 0330209700. ON PN 557-390.

*REPLACED AIR CONDITION HIGH PRESSURE SV
SEC. 35-36. OFF PN 95554-1, SN 0436. ON PN 688-36

GROUND RUN/OPERATIONAL CHECKED NORMA

CRS-JAVR120F

JET AVIATION OF AMERICA, INC. 380 HANSCOM DR

N9127Z, MODEL-PA46-310P, SN 4608059, WORK OR
DATE-5/17/2000 HOBBS-2078.7

REPLACED AIR CONDITION LOW PRESSURE
PER MM 21-50-00, Pg. 7. OFF/ON PN 688-368(O)

GROUND RUN / OPERATIONAL CHECKED NO

CRS-JAVR120F

N 9127Z

Aircraft Records

The ATC transponder test and inspections required
by FAR 91.413 were performed this date and
found to comply with FAR 43 Appendix F

Date: 9/13/99

Model# KT79

S/N 3480

Signature *M. Javits*

Eastern Air Center

209 Access Road

Norwood Airport

Norwood, MA 02062

(800) 370-8680

CRS FRKR 394D

Form EAC A-6 Revised 2/2/99

1934.8

N 9127Z

Aircraft Records

I certify that this altimeter, altitude reporting
and static pressure system has been tested
and found to comply with FAR 91.411, FAR
91.217 and FAR Part 43 Appendix E. This
altimeter has been tested to 35,000 ft

Date: 9/13/99

Altimeter model United S/N 0E659

Signature *M. Javits*

Eastern Air Center

209 Access Road

Norwood Airport

Norwood, MA 02062

CRS FRKR 394D

Form EAC A-5 Revised 2/2/99

1934.8

N 9127Z

Aircraft Records

I certify that this altimeter, altitude reporting
and static pressure system has been tested
and found to comply with FAR 91.411, FAR
91.217 and FAR Part 43 Appendix E. This
altimeter has been tested to 35,000 ft

Date: 9/13/99

Altimeter model KEA-130A S/N 153

Signature *M. Javits*

Eastern Air Center

209 Access Road

Norwood Airport

Norwood, MA 02062

CRS FRKR 394D

Form EAC A-5 Revised 2/2/99

1934.8

Maintenance

9127Z
Aircraft Records
Under test and inspections required
were performed this date and
with FAR 43 Appendix F

1/99

[Signature]

2062

1934.8

Revised 2/2/99

Registration No. _____



JET AVIATION

te No.

JET AVIATION OF AMERICA, INC. 380 HANSCOM DRIVE, BEDFORD. F.A.A. REPAIR STATION No. JAVR120F

N9127Z, MODEL-PA46-310P, SN 4608059, WORK ORDER-9507

DATE-2/15/2000

HOBBS-2020.4

"REPLACED AIR CONDITION COMPRESSOR W/ NEW I/A/W MM 21-50-00,

Pg. 23,24, PARA. A ON Pg. 25. SERVICED W/ 4 LBS. R12 FREON I/A/W MM 21-50-00, Pg 7

OFF MODEL 4077, SN 0330209700. ON PN 557-390, SN 1071712680.

"REPLACED AIR CONDITION HIGH PRESSURE SWITCH W/ NEW PER MM 21-20-00, Pg. 30,

SEC. 35-36. OFF PN 95554-1, SN 0436. ON PN 688-367, SN N/A(O RING PN MS28778-4)

GROUND RUN/OPERATIONAL CHECKED NORMAL

CRS-JAVR120F

[Signature]



JET AVIATION

JET AVIATION OF AMERICA, INC. 380 HANSCOM DRIVE, BEDFORD. F.A.A. REPAIR STATION No. JAVR120F

N9127Z, MODEL-PA46-310P, SN 4608059, WORK ORDER-9794

DATE-5/17/2000

HOBBS-2078.7

REPLACED AIR CONDITION LOW PRESSURE SWITCH W/ NEW & SERVICED FREON

PER MM 21-50-00, Pg. 7. OFF/ON PN 688-368(O RING PN MS28778-4)

GROUND RUN / OPERATIONAL CHECKED NORMAL.(25 DEG. DIFF)

CRS-JAVR120F

[Signature]

AIRCRAFT LOG

Registration No.

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-23-00	Brought Forward →	2145.2		REMOVED AND REPLACED #2 BELT CN 73965-018. R40 FAN CN 460-105.
10-2-00		2168.6	2168.6	PERFORMED 100 HR. INSPECTION FLIGHT CONTROLS AND CHECKING HYDRAULIC POWER PACK, BRAKE SAFETY VALVES. R40 BOTH AND EMERGENCY CHECKS CLEAN AND REPACK NOSE BELT OPERATIONAL CHECK OK.
Total To Carry Forward				800382-1. PRELSED AND

and Remarks

ALTERNATOR CN E3FF10300-BA.
 MAP O-RING, INITIAL AND TAIL
 END—
 LOW PIPER MALIBU FORM AND
 FOR PROPER TRAVEL AND SECURITY
 RESERVOIR, FUEL PUMPS AND VACUUM REGULATION FILTERS CN
 OF LANDING GEAR, ALL WARNING
 WHERE BEARING. LUBE AND GREASE
 DUE 9-01. REMOVED AND REPLACED
 PAINTED PROP. FABRICATE AND

1. U.S.A.		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. A-155286	
4. Organization Aero Electric, Inc. 3414 W. 29th Street South Wichita, Ks 67217		5. Work Order, Contract, or Invoice Number A-180052			
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number
1	ALTERNATOR	E3FF10300-BA	*	1	A-155286
					12. Status/Work INS
13. Remarks *To be verified by installer. See W/O. RECERTIFIED UNIT.					
Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.					
14. ☐ New ☐ Newly Overhauled Certifies that the new or newly overhauled part(s) identified above except as otherwise specified in Block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.		Return to Service in Accordance with FAR 43.9 Certifies that the work specified in Block 13 (or attached) was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed the part(s) (are) approved for return to service.			
15. Signature		16. FAA Authorization No.		21. Certificate Number NV2R045L	
17. Name (Typed or Printed)		18. Date		23. Date SEP 29 2000	
		20. Authorized Signature JEFFREY JELLEY			

FAA Form 8130-3 (11-93)

*(Optional) installer must cross check eligibility with applicable technical data.

1. U.S.A.		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Ref. No. A-155286	
4. Organization Aero Electric, Inc. 3414 W. 29th Street South Wichita, Ks 67217		5. Work Order, Contract, or Invoice Number A-178472			
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number
1	ALTERNATOR	E3FF10300-BA	*	1	A-155286
					12. Status/Work OHC
13. Remarks *To be verified by installer. See W/O. OVERHAULED & CERTIFIED.					
Limited Life parts must be accompanied by maintenance history including total time/total cycles/time since new.					
14. ☐ New ☐ Newly Overhauled Certifies that the new or newly overhauled part(s) identified above except as otherwise specified in Block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.		Return to Service in Accordance with FAR 43.9 Certifies that the work specified in Block 13 (or attached) was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed the part(s) (are) approved for return to service.			
15. Signature		16. FAA Authorization No.		21. Certificate Number NV2R045L	
17. Name (Typed or Printed)		18. Date		23. Date AUG 21 2000	
		20. Authorized Signature MARK MERTES			

FAA Form 8130-3 (11-93)

*(Optional) installer must cross check eligibility with applicable technical data.

Registration No. _____

3		System Tracking Print Pass	
A-155286		Work Order, Contract, or Invoice Number	
A-180052			
10	11	12	
Serial/Match Number	Status/Work		
1	INS		
A-155286			
UNIT			
Total cycles/time since new.			
Work to be done in accordance with FAR 43.9			
Work specified in Block 13 (or attached) was carried out in accordance with applicable regulations and in respect to the work, the aircraft is fit for return to service.			
21. Certificate Number		NV2R045L	
22. Date		SEP 29 2000	
Must cross check eligibility with applicable technical data.			

LEAN AND REPACK NOISE
 ALT OPERATIONAL CHECK OK,
 000782-1. DRESSED AND

and Remarks	Signature	Certificate No.
#2 ALTERNATOR P/N ESFF10300-BA, S/N A-155286. RTR ALTERNATOR RTR PROP ORING, INSTALL AND TORQUE PROP. RTR AVIONICS COOLING END	J. A. N. N. N.	ATP15541216
SECTION LAM PIPER MALIBU FORM AND FAR PART 43, APP.D. LUBED ALL HELICOPTER FOR PROPER TRAVEL AND SECURITY. SERVICED TIRES, BATTERY, , BLANK RESERVOIR, FUEL PUMPS AND VENTS, FUEL BOWL, OUTFLOW AND BOTH VACUUM REGULATION FILTERS P/N B3-5-1. PERFORM OPERATIONAL CHECKS OF LANDING GEAR, ALL WARNINGS AND INDICATORS CHECK OK. WHEEL BEARINGS. LUBE AND GREASE GEAR. Q/W FAR 41.207 & QUZ 9-01. REMOVED AND REPLACED #2 ALTERNATOR ACU P/W PAINTED PROP. FABRICATE AND INSTALL NEW PRIMARY AIR OVER		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-2-00	Brought Forward →	2168.6	2168.6	VALVE PLATE, RTR BOTH CAP GAINLET P/N 462-056. RTR RIGGED SYSTEM. RTR NOISE LAMP1 P/N A508-28V AND 561-020, OVE 2669 REMOVED ORIGINAL LENS INC. T-1P P/N 44038 STL SA3862NM. NO CHAN NO LONGER APPLIES. RTR 2000-18.
Total To Carry Forward				

and Remarks

MAIN T
 ALTERNATE
 GAIN D
 W/290-28
 P/N A.P.
 BRACE AN
 SYSTEM TA
 TRAINING
 AIRCRAFT

ATP

RAFT LOG

Recorder Reading	Maintenance
2168.6	VALVE PLATE, RTR BOTH CAP GAINET P/N 462-056. RTR RIGGED SYSTEM. RTR NOISE LAMP1 P/N A508-28V AND 561-030, OUE 2669 . REMOVED ORIGINAL LEWIS INC. T-1P P/N 44038 STL SA3862NM. NO CHAN NO LONGER APPLIES. RTR 2000-18. _____ Jant R. Nain-

Registration No. _____

and Remarks	Signature	Certificate No.
MAIN TIRES WITH CONDOOR 6.00-6, 8P.R. RTR LEFT FUEL ALTERNATE AIR LINKAGE P/N 84032007 AND 89061-011 AND GEAR DOWN ASSIST SPRING P/N 585-220. RTR BOTH RT. NAV. W1290-78. C/W A.D. 84-26-02 RTR INDUCTION AIR FILTER P/N C/W A.D. 99-15-04R1 TIT SYSTEM CALIBRATION PER (a)(2). ORAGE AND PROBE AND INSTALLED ELECTRONIC INTERNATIONAL SYSTEM IAW INSTALLATION INSTRUCTIONS # OII 001299 PER TO AIRCRAFT WEIGHT AND BALANCE. SEE FORM 337. A.D. 99-15-04R1 AIRCRAFT BATTERY P/N 6-243. A.D. 1 CHECKED THROUGH END _____ ATP 12541216		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10/2/00	Brought Forward →	112168.6	2168.6	I CERTIFY THAT THIS ACCORDANCE WITH AC TO BE IN AIRWORTHY
Total To Carry Forward				

and Remarks

AIRCRAFT HAS
ANNUAL IN
CONDITION

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

I CERTIFY THAT THIS
ACCORDANCE WITH AC
TO BE IN AIRWORTHY

AIRCRAFT HAS BEEN INSPECTED IN
ANNUAL INSPECTION + WAS DETERMINED
CONDITION August 11, 1964 AP 1848863 IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
N <u>9127Z</u> Aircraft Records The ATC transponder test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43 Appendix F Date: <u>11-15-01</u> Model# <u>KT-79</u> S/N <u>3480</u> Signature <u><i>Russell Robinson</i></u> Eastern Air Center 209 Access Road <u>Hobbs: 2390.7</u> Norwood Airport Norwood, MA 02062 (800) 370-8680 CRS FRKR 394D Form EAC A-6 Revised 2/2/99				
Total To Carry Forward				

SYSTEM #
CUSTOMER
ALT. MAKE
OTTO MODEL
IPR MODEL
1. PITOT & S

2. CASE LEA

3. STATIC S

4. ALT. BAR

BARO	28.10
altim	28.50
Date	29.00
Alt	29.50

5. AFTER E

TESTER	
PRESS.	
IN. HG.	
	31.018
	29.921
	29.385
	28.856

EASTERN AIR CENTER FAR 91.411 & 91.413 PART 43 CERTIFICATION

Form EAC A-1 Revised 11/1/00

SYSTEM # 1 DATE 11-15-01 PERFORMED BY D. R. Phelan INSPECTED BY M. J. Smith
 CUSTOMER Brad Lewis A/C # N9127E A/C S/N 4608059 WO # 101159
 ALT. MAKE KEA-130A P/N KEA-130A S/N 1533 ADC MAKE P/N S/N
 OTTO MODEL: 1 6000-35 S/N: 2607 X 6000-50 S/N: 0003 CALIBRATED 9-21-01 DUE 3-21-02
 IFR MODEL: X ATC-601 S/N: 1601 1 ATC-600A S/N: 239006816 CALIBRATED 3-16-01 DUE 3-16-02
 1. PITOT & STATIC DRAINS OPENED/CHECKED/CLOSED. C/W DR PART 43, APP. E (A) (1).

2. CASE LEAK TEST @ 18KFT FOR 1 MIN. TOLERANCE, 100FT. C/W DR PART 43, APP. E (B) (V).

3. STATIC SYSTEM: UNPRESS. @ FLD ELEV. +1000 FT FOR 1 MIN. TOL., -100 FT. C/W DR PART 43, APP. E (A) (2).
 PRESSURIZED @ 30 KFT FOR 1 MIN. TOL., -500 FT. C/W DR PART 43, APP. E (A) (2).

4. ALT. BARO SCALE ERROR TEST. REF. ALT: 0 FT=29.92 IN HG. C/W DR PART 43, APP. E (B) (VI).

BARO SET	READING	SPEC. +/- 25 FT.	BARO SET	READING	SPEC. +/- 25 FT.
28.10	-1730	-1727	29.92	0	0
28.50	-1330	-1340	30.50	+530	+531
29.00	-870	-863	30.90	+870	+893
29.50	-380	-392	30.99	+970	+974

5. AFTER EFFECT ERROR +10 TOL. 30 FT. PART 43, APP. E (B) (iii).

TESTER PRESS. IN. HG.	ALT. FT.	(B) (iv)		TOL. +/- FT.	(B) (i) SCALE ERROR TEST	TOL. +/- FT.	(C) ENCODER TESTS.		H665: 2390.7
		BEFORE VIB. READING	AFTER VIB. READING				ENC. READING	TOL. +/- 125 FT.	
31.018	-1000	N/A	N/A	N/A	-1010	20	-965		
29.921	0	N/A	N/A	N/A	-15	20	+60		
29.385	500	N/A	N/A	N/A	485	20	535		
28.856	1000	980	1000	70	990	20	1040		
28.335	1500	N/A	N/A	N/A	1490	25	1530		
27.821	2000	1980	2000	70	1985	30	2030		
26.817	3000	2980	3000	70	2990	30	3040		
25.842	4000	N/A	N/A	N/A	3990	35	4040		
24.896	5000	4970	5000	70	N/A	N/A			
23.978	6000	N/A	N/A	N/A	5980	40	6020		
22.225	8000	N/A	N/A	N/A	7990	60	8000		
20.577	10000	9960	10000	80	9970	80	9990		
19.029	12000	N/A	N/A	N/A	11970	90	11980		
17.577	14000	N/A	N/A	N/A	13980	100	13980		
16.886	15000	14930	15000	90	N/A	N/A			
16.216	16000	N/A	N/A	N/A	15970	110	15980		
14.942	18000	N/A	N/A	N/A	17960	120	17980		
13.750	20000	19920	20000	100	19960	130	19980		
12.636	22000	N/A	N/A	N/A	21960	140	21970		
11.104	25000	24920	25000	120	24930	155	24980		
8.885	30000	29900	30000	140	29910	180	29990		
7.041	35000	34890	35000	160	34920	205	35010		
5.538	40000	N/A	N/A	180	N/A	230	N/A		
4.355	45000	N/A	N/A	N/A	N/A	255	N/A		
3.425	50000	N/A	N/A	250	N/A	280	N/A		

6. HYSTERESIS: 50% MAX. ALT. +30 ERROR +/- 75 FT. 40% MAX. ALT. +20 ERROR +/- 75 FT. (B) (ii).

7. OPERATIONAL CHECK OF STATIC PORT HEATERS. C/W DR PART 43, APP. E (A) (3).

8. STATIC PORT AREAS NOT DEFORMED OR ALTERED. C/W DR PART 43, APP. E (A) (4).

9. CERTIFICATION STICKER AFFIXED TO ALTIMETER. C/W DR AFFIXED TO TRANSPONDER. C/W DR.

EASTERN AIR CENTER FAR 91.411 & 91.413 PART 43 CERTIFICATION

Form EAC-A-1 REVISED 10/00

SYSTEM # 2 DATE 11-15-01 PERFORMED BY AD. Polhemus INSPECTED BY M. J. Smith
 CUSTOMER Brad Lewis A/CN# N9127E A/C S/N 4608059 WO# 21159
 ALT. MAKE United P/N 5734P-1 S/N OE 659 ADC MAKE --- P/N --- S/N ---
 OTTO MODEL: [] 6000-35 S/N: 9607 [] 6000-50 S/N: 0003 CALIBRATED 9-21-01 DUE 3-21-02
 IFR MODEL: [] ATC-601 S/N: 1601 [] ATC-600A S/N: 239006816 CALIBRATED 3-16-01 DUE 3-16-01
 1. PITOT & STATIC DRAINS OPENED/CHECKED/CLOSED. C/W DR PART 43, APP. E (A) (1).

2. CASE LEAK TEST @ 18KFT FOR 1 MIN. TOLERANCE, 100FT. C/W DR PART 43, APP. E (B) (V).

3. STATIC SYSTEM: UNPRESS. @ FLD ELEV. +1000 FT FOR 1 MIN. TOL., -100 FT. C/W DR PART 43, APP. E(A) (2).
 PRESSURIZED @ 30 KFT FOR 1 MIN. TOL., -500 FT. C/W DR PART 43, APP. E (A) (2).

4. ALT. BARO SCALE ERROR TEST. REF. ALT: 0 FT=29.92 IN HG. C/W DR PART 43, APP. E (B) (VI).

BARO SET	READING	SPEC. +/- 25 FT.	BARO SET	READING	SPEC. +/- 25 FT.
28.10	-1720	-1727	29.92	0	0
28.50	-1350	-1340	30.50	+530	+531
29.00	-860	-863	30.90	+870	+893
29.50	-400	-392	30.99	+980	+974

5. AFTER EFFECT ERROR +10 TOL. 30 FT. PART 43, APP. E (B) (iii).

TESTER PRESS. IN. HG.	ALT. FT.	(B) (iv)		TOL. +/- FT.	(B) (i) SCALE ERROR TEST	TOL. +/- FT.	(C) ENCODER TESTS.		H665: 2390.7
		BEFORE VIB. READING	AFTER VIB. READING				ENC. READING	TOL. +/- 125 FT.	
31.018	-1000	N/A	N/A	N/A	-1000	20			
29.921	0	N/A	N/A	N/A	0	20			
29.385	500	N/A	N/A	N/A	490	20			
28.856	1000	980	1000	70	1000	20	TEST	READING	TOL.
28.335	1500	N/A	N/A	N/A	1500	25			
27.821	2000	1980	2000	70	1980	30	FREQ.		+/- 3MHZ
26.817	3000	2980	3000	70	2995	30			> 125 WATTS
25.842	4000	N/A	N/A	N/A	4000	35	TX PWR		- 73
24.896	5000	4870	5000	70	---	N/A	SENS		+/- 4DBM
23.978	6000	N/A	N/A	N/A	5990	40	MODE A		- 73
22.225	8000	N/A	N/A	N/A	8000	60	SENS		+/- 4DBM
20.577	10000	9950	10000	80	9980	80	MODE C		- 73
19.029	12000	N/A	N/A	N/A	11980	90	DIFF		+/- 4DBM
17.577	14000	N/A	N/A	N/A	13980	100	A & C		- 4 DBM
16.886	15000	14950	15000	90	---	N/A	SLS @		1% REPL MAX
16.216	16000	N/A	N/A	N/A	15980	110	0 DBM		90% REPL MAX
14.942	18000	N/A	N/A	N/A	17880	120	SLS @		
13.750	20000	19940	20000	100	19980	130	-9DBM		
12.636	22000	N/A	N/A	N/A	21980	140	IDENT CHECK []		ANT []
11.104	25000	24940	25000	120	24970	155	DIGITS CHECK []		
8.885	30000	29920	30000	140	30010	180	LIGHTING CHECK []		
7.041	35000	34900	35000	160	35070	205	TRANSPONDER		
5.538	40000	N/A	N/A	180	---	230	MAKE:		
4.355	45000	N/A	N/A	N/A	---	255	P/N		
3.425	50000	N/A	N/A	250	---	280	S/N		

6. HYSTERESIS: 50% MAX. ALT. +30 ERROR +/- 75 FT. 40% MAX. ALT. +20 ERROR +/- 75 FT. (B) (ii).

7. OPERATIONAL CHECK OF STATIC PORT HEATERS. C/W DR PART 43, APP. E (A) (3).

8. STATIC PORT AREAS NOT DEFORMED OR ALTERED. C/W DR PART 43, APP. E (A) (4).

9. CERTIFICATION STICKER AFFIXED TO ALTIMETER. C/W DR. AFFIXED TO TRANSPONDER. C/W N/A.

Maintenance

and Remarks

Signature

Certificate No.

N 9127Z

#2

Aircraft Records

I certify that this altimeter, altitude reporting and static pressure system has been tested and found to comply with FAR 91.411, FAR 91.217 and FAR Part 43 Appendix E. This altimeter has been tested to 35,000 ft

Date: 11-15-01

Altimeter model 5934PAD-1 S/N OE659

Signature *David T. Robinson*

Eastern Air Center

209 Access Road

Norwood Airport

Norwood, MA 02062

CRS FRKR 394D

Form EAC A-5 Revised 2/2/99

Hobbs: 2390.7

N 9127Z

#1

Aircraft Records

I certify that this altimeter, altitude reporting and static pressure system has been tested and found to comply with FAR 91.411, FAR 91.217 and FAR Part 43 Appendix E. This altimeter has been tested to 35,000 ft

Date: 11-15-01

Altimeter model KEA 130A S/N 1533

Signature *David T. Robinson*

Eastern Air Center

209 Access Road

Norwood Airport

Norwood, MA 02062

CRS FRKR 394D

Form EAC A-5 Revised 2/2/99

Hobbs: 2380.7

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-06-01	Brought Forward →	2390.6	2390.6	REBUILD LEFT CEAR WITH HYD. FLUID AND INSPECTION OF FLAP BEH
				ELT OPERATIONAL CHECK
				00-10-009, DUE 10-03.
				RGR ALL BRAKE LINES, AND BLEED SYSTEM. RGR
				RGR NOSE WHEEL BEARING
				IN NOSE WHEEL. RGR FOUR
				TORQUE LINKS, AND TWO
Total To Carry Forward				PER J.B. 1062 AS PREVIOUSLY

and Remarks

STANT IN
NITRO GEN
HAWK W/BL
OK, DUE 12
RGR #4
RGR 066-06
W/RO FUEL
AND RGR
BEARING
BOLTS RGR 69
NOTED. A

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
REBUILT LEFT GEAR IN HYD. FLUID AND SECTION OF FLAP BEH OPERATIONAL CHECK 10-009, DUE 10-03. ALL BRAKE LINES, BLEED SYSTEM. RTR NOISE WHEEL BEARING NOISE WHEEL. RTR FOUR LINKS, AND TWO I.B. 1062 AS PREVIOUSLY	START WITH NEW SEALS AND SERVICE NITRO CRN. C/W S.B. 1062 VISUAL CRANK WELD OK. C/W PAR 91.207d OK, DUE 12-02. RTR FLT BATTERY C/W RTR #9 FLT PROBE C/W MIL-6. C/W 066-062. REBUILT RT. BRAKE CALIPER GYRO FILTER C/W 04-18-1, DUE 2891. AND RAZOR C/W 08125 + 08231. RTR TUBE BEARINGS C/W 452-857 IN MAIN GEAR BOLTS C/W 641-315. C/W A.D. 2001-1201 NOTED. A.D.S CHECKED THROUGH 2001-22.	I certify that this <u>Airplane</u> has been inspected in accordance with F.A.R. 43, Appendix D for an 100 hr. inspection and was determined to be in Airworthy condition <u>[Signature]</u> Swift Aviation Services	17241216

MTV-14-D

MAINTENANCE RELEASE

Part No. 195-30 Description MT PROPELLER Serial No. 98462was ☒ REPAIRED (describe) Disassembled and cleaned parts. Resealed completely to correct grease leak. Checked track, angles, and balance.☐ OVERHAULED per the following documents (include revision levels):

Manuals _____

Service Bulletins _____

Service Letters _____

Service Instructions _____

Service Advisories _____

THIS IS NOT AN OVERHAUL**AND CANNOT BE CONSIDERED AS SUCH**

The following Airworthiness Directives have been complied with:

A.D.	Method of Compliance	Recurs at: Date or Hours
------	----------------------	-----------------------------

Time Since New	Brought forward	Time Since Overhaul/Major	Brought forward
----------------	-----------------	---------------------------	-----------------

The item(s) identified above were repaired or overhauled (as indicated) and inspected in accordance with current FAA regulations and are approved for return to service. Pertinent details of this repair or overhaul are on file at this repair station under work order # L09035Date November 14, 2001Signed Shawn M. Jones
for Repair Station #QV9R194N

FORM 004

SENENICH PROPELLER SERVICE, INC.
519 East Airport Road, Lititz, PA 17543

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

END

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2-06-01	Brought Forward →	478.0	2390.6	REMOVED PROPELLER FOR CRANKSHAFT SHAFT. SEE
Total To Carry Forward				

Registration

and Remarks

REPAIR AND REINSTALL
YELLOW TAG.

I certify that this aircraft
inspected in accordance with
Appendix D for an 100 hr.
and was determined to be
condition

Swift Aviation Services

I CERTIFY THAT THIS AIRCRAFT
IN ACCORDANCE WITH AN ANNUAL
WAS DETERMINED TO BE IN AIRWORTHY

DATE: 12/6/01 TT 2

SWIFT AVIATION SERVICES

Signature: [Signature]

Serial No. 98462

and completely to correct

(ovals):

TRADE

AS SUCS

Recur at:

Date or Hours

Major Brought forward

Inspected in accordance with
details of this repair or overhaul

Registration No. _____

and Remarks

Signature

Certificate No.

REPAIR AND REINSTALLED WITH NEW
YELLOW TAG.

I certify that this Propeller has been
inspected in accordance with F.A.R. 43,
Appendix D for an 100 hr. inspection
and was determined to be in Airworthy
condition

John A. New - DH 12041226
Swift Aviation Services

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

DATE: 12/6/01 TT 2390.6

SWIFT AVIATION SERVICES

Angela D. Mayfield AP1848863 IA

1. Approving National Aviation Authority/Country: UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: G402A001	
4. Organization Name and Address: Duncan Aviation/Lincoln Airport/Lincoln, NE 68524					5. Work Order/Contract/Invoice Number: G402A	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
001	ATC TRANSPONDER	066-1053-00	N/A	001	3480	Repaired

13. Remarks:

CUSTOMER:EASTERN AIR CENTER

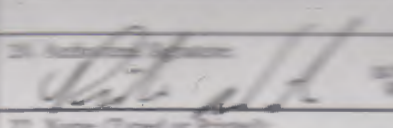
Discrepancy: Transponder inop.

Preliminary findings: Bench tested the unit and found a blown transistor.

Corrective action: Troubleshoot and replaced defective components. Environmentally stressed the unit. Function tested the unit per the Bendix/King KT-79 maintenance manual.

TECHNICIAN:DENNIS W. BOESCHEN

This document constitutes a signed copy of the work order.

☐ Approved design data and/or conditions for use specified in Block 1. ☐ Non-approved design data specified in Block 1.		15. Authorized Signature: 		16. Approval/Authorization No.: 0000194F	
17. Name (Typed or Printed): RICK A. WILES		18. Date (m/d/y): 2/05/02		19. Name (Typed or Printed): RICK A. WILES	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. B020920	
4. ORGANIZATION ELECTROSYSTEMS, INC. P.O. BOX 273 AIRPORT COMPLEX FORT DEPOSIT, AL 36032						5. WORK ORDER, CONTRACT, OR INVOICE NO. W/O: M577140	
6. ITEM	7. DESCRIPTION	8. PART NO.	9. ELIGIBILITY*	10. QTY	11. SERIAL/BATCH NO.	12. STATUS/WORK	
1	ALTERNATOR ***** END *****	646843 MOD/NO	TBV BY INSTALLER	1	B020920	OVERHAUL	
13. REMARKS A COPY OF WORK ORDER AVAILABLE ON REQUEST FROM ELECTROSYSTEMS, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH JAR 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER JAA ACCEPTANCE CERTIFICATE NUMBER: JAA.4418 APPROVED FOR EXPORT THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO AND ORIG. MFG COMPLIES WITH PPS-9001 LATEST REVISION NOTE: THE FAA-PMA SHOWN ON THE DATA PLATE ONLY REPRESENTS FAA APPROVAL OF THE REPLACEMENT DATA PLATE OVERHAULED PER TCM SERVICE INSTRUCTION MANUAL X30531-3, DATED JULY 1989.							
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.							
14. NEW NEWLY OVERHAULED Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness regulations. <u>NOTE:</u> In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 ☒ Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.				
15. SIGNATURE:		16. FAA Authorization No:		20. Authorized Signature: <i>Richard Boutwell</i>		21. Certificate Number: UT2R226L	
17. NAME (typed or printed)		18. DATE		22. Name (typed or printed): RICHARD BOUTWELL		23. DATE 2/07/01	
USER/INSTALLER RESPONSIBILITIES It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents. FAA Form 8130-3 *Optional, installer must cross check eligibility with applicable technical data.							

ELECTROSYSTEMS, INC.
Airport Complex
P. O. Box 273
Fort Deposit, Alabama 36032 USA
334/227-8306
FAX 334-227-8596

WARRANTY DATA CARD

The following information must be supplied when requesting warranty consideration.

646843R B020720
MFR _____ P/N _____ S/N _____
DATE INSTALLED 11/1/02 DATE REMOVED _____
TACH TIME _____ TACH TIME _____
OWNER'S NAME Tim Krochuk
ADDRESS _____
PHONE _____

RETAIN THIS CARD WITH AIRCRAFT LOG BOOKS

FAA FORM 8130-3 AIRWORTHINESS APPROVAL US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

ELECTROSYSTEMS, INC.

COMPLEX
FORT, AL 36032

8. PART NO.	9. ELIGIBILITY
646843 MOD/NO	TBV BY INSTA
*****	*****

WORK AVAILABLE ON REQUEST FROM ELECTROSYSTEMS, INC.
WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE
WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS
READY FOR RELEASE TO SERVICE UNDER JAA ACCEPTANCE CERTIFICATE NUMBER

APPROVED FOR EXPORT

THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED
COMPLIES WITH PPS-9001 LATEST REVISION

NOTE: THE FAA-PMA SHOWN ON THE DATA PLATE ONLY REPRESENTS FAA APPROVAL
OVERHAULED PER TCM SERVICE INSTRUCTION MANUAL X30531-3, DATED JULY 1989.

Limited life parts must be accompanied by maintenance history including total time

14. NEW _____
NEWLY OVERHAULED _____

Certifies that the new or newly overhauled part(s) identified above, except as
otherwise specified in block 13 was (were) manufactured in accordance with FAA

19.

Certified

M 8130-3
 ISS APPROVA
 T OF TRANSPOR
 TION ADMINIST

3. R

Registration No. _____

and Remarks

Signature

Certificate No.

3/21/02 Hobbs-2452.3 - Removed ENGINE TSIO 550-C1B
 S/N 802588 FROM 9127Z - Kemea. Zepatha A&P 267064129

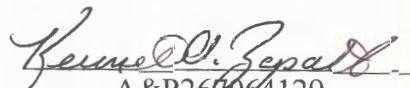
9. ELIGIBIL

TBV B
 INSTA

04/12/02 N9127Z Piper PA46-310P S/N 4608059 TT 2452.3 Hobbs 2452.3

"AIRCRAFT LOG ENTRY"

R&R engine TSIO-550-C1B, S/N 802588 for repair by Certified Engines
 Unlimited, Inc., WO 16063-00, dated 04/05/02. R&R propeller MTV-14-D,
 S/N 98462 for overhaul by Palm Beach Aircraft Propellers, Inc., WO 10410,
 dated 0403/02.


 A&P267064129

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
2/9/02			2914.9	CHARGED AND
6/13/02			2513.8	REPLACED RIGHT WING
				SPERRY RTA-1001 RCVR-XMT
				H. H. Lytle APR 18 1988
Total To Carry Forward				

Registration No. _____

Maintenance

CHARGED AND

REPLACED RIGHT WING

ERRY RTA-1001 RCVR-XMTR

H. M. Lytle AD189886

and Remarks

INSTALLED ~~NEW~~ ~~GILL -243 BATTERY~~

DE-ICE BOOT P/N 758-689, REMOVED

ANTENNA S/N 2048, WEIGHT + BALANCE REVISED

Signature

[Signature]

Certificate No.

271-50-883

New Interior

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
		Date: 8/2/2002		
		Hobbs: 2532.6		
		Removed & replaced all interior materials, see specification packet. Belts were rewebbed by Beltmakers under W/O 36012R.		
		Weighed A/C, calculated new empty weight C.G.		
		The aircraft or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found airworthy and approved for R.T.S.		
		Pertinent details of the repair are on file at this agency under W/O #: 000689		
		Date: <u>8/2/02</u>		
		Signed: <u>T. May</u> Todd I May		
		Authorized Inspector for Oxford Aviation, Inc.		
		75 Number Six Road, PO Box 990, Oxford, ME 04270		
		FAA Approved Repair Station #OACR 582 S		
Total To Carry Forward				

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

N 9127Z Tach 2618.8 Work Order # 23348

Removed Apollo GX60 GPS/Com and King KNS-81 RNAV systems. Installed Garmin GNS-530 GPS/Com/Nav/ILS System. The GPS receiver is TSO'd class A1. GPS equipment was previously approved under STC#SA00864WI. The GNS-530 was interfaced to the King KI525A HSI indicator. The installation was made with reference to Garmin GNS-530 installation manual p/n 190-00181-02 Rev. D. dated 04/01. The GNS-530 meets requirements of AC 20-138 for VFR/IFR enroute, terminal, and non-precision approaches. The instrument panel has been placarded "GPS FOR VFR USE ONLY" until a flight test is performed to insure proper operation as set forth in AC20-138 for VFR/IFR enroute, terminal and non-precision approach operations. This alteration was performed in accordance with AC43.13-1B, chapter 11, section 3 thru 15, 17, and 19. Chapter 12 section 3; AC43.13-2A chapter 1 and 2 section 21, 22, 23, chapter 3 section 36, 44 and manufacturers installation instructions. The aircraft weight and balance has been updated and equipment list revised.

New Empty Weight :2882.2

New E.W.C.G.: 135.99

New Moment: 391954.64

New Useful Load: 1217.8

Conrad P. Mondolovich

11/26/02

the radio shop, Inc airport worcester, ma 01602

FAA Repair Station TD5R219N

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
N 9127Z Tach 2618.8 Work Order # 23349 Installed Garmin GDL 49 Data Link Receiver with R.A. Miller AV-14 antenna. (Garmin p/n 010-10303-00). GDL 49 interfaced to Garmin GNS-530 Nav/Com/GPS. The GDL 49 has received parts manufacturers approval (PMA) # PQ3742CE-D. GDL equipment was previously approved under STC# SA01073W1. This installation was made with reference to Garmin GDL 49 installation manual p/n 190-00231-00 Rev. B. dated 09/02. Maintenance of equipment is "on condition only". This alteration was performed in accordance with AC43.13-1B chapter 11, section 3 thru 15, 17 and 19, chapter 12 section 1 thru 3. AC43.13-2A chapter 1, 2 section 21, 22, 23, chapter 3 section 36, 44 and manufacturers installation instructions. Aircraft weight and balance updated and equipment list revised. New Empty Weight: 2882.2 New E.W.C.G. : 135.99 New Moment: 391954.64 New Useful Load: 1217.8 <i>Conrad P. Wonschowski</i> 11/26/02 the radio shop, inc. airport worcester, ma 01602 FAA Repair Station TD5R219N				
Total To Carry Forward				

and Remarks

N 9127Z Tach 2618.8
This FAA Form 337 is
original, terminal, and
Evaluated the previous
suitability of arrangement
6b (3). All items for
series installation must
follow an installation
certified by their rep
performed following
conducted on 11/26/02
operators as set for
roy. C. has been pro
The aircraft weight
the radio shop, inc.
FAA Repair Station

Registration No. _____

Maintenance

Remarks

Signature

Certificate No.

14 antenna. (Garmin p/n
om/GPS. The GDL 49 has
GDL equipment was previously
with reference to Garmin GDL 49
Maintenance of equipment is "on
with AC43.13-1B chapter 11,
43.13-2A chapter 1, 2 section
Installation Instructions. Aircraft weight

15.99

217.8

26/02

N 9127Z Tach 2618.8 Work Order # 23350

This FAA Form 337 is to update the previously installed Garmin GPS 530 GPS from VFR only use to IFR enroute, terminal, and non-precision approach use. (See form 337 dated Nov 26, 2002 for original installation).

I evaluated the previously installed GPS cockpit layout of installed equipment, annunciators, and switching to verify suitability of arrangement and accessibility, labeling, and day/night operation with reference to AC 20-138 par.

8b (3). ALL items found to be satisfactory. Evaluation of system conducted using Garmin International, Inc. 530

Series Installation Manual Number 190-00181-02, Rev. D, dated 04/01. The Garmin GPS 530 GPS System is a follow on installation with reference to Garmin International, Inc. STC SA00864WI. The equipment installed is

certified by their respective manufacturers to meet the minimum requirements of AC 20-138. Ground tests

performed following the installation confirm these units meet those requirements. The flight test of the system was

conducted on 11/26/02 to insure the system functioned within the specific limits of IFR enroute, approach

operations as set forth in AC 20-138, Para. 8.C.(2) A Flight Manual Supplement, Document No. 190-00181-04

Rev. C, has been provided to the aircraft owner/operator. Maintenance of equipment is "on condition only".

The aircraft weight and balance was previously updated and the equipment list previously revised.

Conrad P. Wondolowski

12/09/02

the radio shop, inc airport worcester ma 01602

FAA Repair Station TD5R219N

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-25-03	Brought Forward →		2681.9	REMOVED AND REPLACED AIRCRAFT SERVICES 442LW #001 DATED 2-2-02 POH SUPPLEMENT, NO CHANGE 337. Phil A. New
7/11/03			2734.8	REPLACED #2 ALT S/N C120459 WITH A Almydla AP1898863
Total To Carry Forward				

and Remarks

REMOVED AND REPLACED
AIRCRAFT SERVICES 442LW
#001 DATED 2-2-02
POH SUPPLEMENT, NO CHANGE
337. Phil A. New
REPLACED #2 ALT
S/N C120459 WITH
A Almydla AP1898863
EXCHANGE

feeding

51.9

REMOVED AND REPLACED
AIRCRAFT SERVICES AIRCRAFT
#001 DATED 2-2-02
POH SUPPLEMENT, NO CHANGE
332. Paul A. Newman

34.8

REPLACED #2 ALT
S/N C120459 WITH
A Alraydh AP1898863

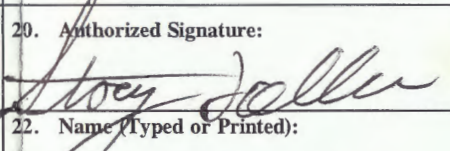
and Remarks

THE VACUUM PUMP WITH WILKINSON
IN N17689 IAW INSTRUCTIONS
ALL ITC NO. SA10107 SC. INSTALLED
TO WEIGHT AND BALANCE. FILLED FORM
DATE 12/9/16

EXCHANGE, OPERATION CHECK OK

Signature

Certificate No.

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: C120459	
4. Organization Name and Address: ELECTROSYSTEMS, INC., P.O. BOX 273, AIRPORT COMPLEX, FORT DEPOSIT, AL. 36032						5. Work Order/Contract/Invoice Number: W/O: M108720	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	ALTERNATOR ***** MOD/NO END *****	E3FF10300BA	N/A	1	C120459	OVERHAUL	
13. Remarks: A COPY OF WORK ORDER AVAILABLE ON REQUEST FROM ELECTROSYSTEMS, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH JAR 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER JAA ACCEPTANCE CERTIFICATE NUMBER: JAA.4418 APPROVED FOR EXPORT THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO AND ORIG. MFG COMPLIES WITH PPS-9001 LATEST REVISION NOTE: THE FAA-PMA SHOWN ON THE DATA PLATE ONLY REPRESENTS FAA APPROVAL OF THE REPLACEMENT DATA PLATE OVERHAUL PER CESSNA MANUAL #D5107-1-13, REV. 1							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.				19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No: UT2R226L	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): STACY TOLLIVER		23. Date (m/d/y): 12/03/02	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.							
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.							
Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
N 9127Z Tach 2735.5 Work Order 23612 Removed King KT-79 transponder. Installed Garmin GTX-330 transponder p/n 011-00455-00. The transponder is TSO'D C112. This transponder system was previously approved under STC# STO1125WI. The GTX-330 was interfaced to the Garmin GNS-530 with reference to Garmin GTX-330 installation manual p/n 190-00207-02 Rev.B dated 05/03. System tested in accordance with part 43 appendix E and F. This alteration was performed in accordance with AC 43.13-1B, Chapter 11, section 3 thru 15, 17 and 19, Chapter 12 section 2, 3; AC43.13-2A Chapter 1 + 2 section 21, 22, 23, Chapter 3 section 36, 44 and manufacturers installation instructions. An FAA approved Flight Manual Supplement has been provided to the aircraft owner/operator. Maintenance of equipment is "on condition only." The aircraft weight and balance has been updated and equipment list revised. New Empty Weight: 2883.0 New E. W. C. G.: 135.98 New Moments: 392043.44 New Useful Load: 1217.0 <i>Conrad P. Wadsworth</i> 08/12/03 the radio shop, inc. airport worcester, ma 01602 FAA Repair Station TD5R219N				
Total To Carry Forward				

DATE: 08/12/03

TYPE / MODEL: King KT-79

TIME: 1400

I certify that this aircraft has been inspected in accordance with the applicable inspection checklist, and that the aircraft is in compliance with the applicable FARs and is airworthy for flight.

Signature: [Signature]

FAA Repair Station: [Signature]

Work Order: 23612

1. 43.13-1B, by inspection of the engine and

2. 43.13-1B, by inspection of the hydraulic pump

3. 43.13-1B, by inspection of the hydraulic pump

4. 43.13-1B, by inspection of the hydraulic pump

5. 43.13-1B, by inspection of the hydraulic pump

6. 43.13-1B, by inspection of the hydraulic pump

7. 43.13-1B, by inspection of the hydraulic pump

8. 43.13-1B, by inspection of the hydraulic pump

9. 43.13-1B, by inspection of the hydraulic pump

10. 43.13-1B, by inspection of the hydraulic pump

11. 43.13-1B, by inspection of the hydraulic pump

12. 43.13-1B, by inspection of the hydraulic pump

13. 43.13-1B, by inspection of the hydraulic pump

14. 43.13-1B, by inspection of the hydraulic pump

15. 43.13-1B, by inspection of the hydraulic pump

16. 43.13-1B, by inspection of the hydraulic pump

17. 43.13-1B, by inspection of the hydraulic pump

18. 43.13-1B, by inspection of the hydraulic pump

19. 43.13-1B, by inspection of the hydraulic pump

20. 43.13-1B, by inspection of the hydraulic pump

21. 43.13-1B, by inspection of the hydraulic pump

22. 43.13-1B, by inspection of the hydraulic pump

23. 43.13-1B, by inspection of the hydraulic pump

24. 43.13-1B, by inspection of the hydraulic pump

25. 43.13-1B, by inspection of the hydraulic pump

Maintenance

ponder
nder system
as interfaced to
manual p/n
with part 43
n AC 43.13-1B,
AC43.13-2A
anufacturers
has been provided
condition only."
revised.

SUN JET CENTER



"Shining as a Leader in Aviation Service since 1929"

AIRFRAME LOG ENTRY

DATE: 01/01/2004

MAKE / MODEL: Piper PA46-310P

AIRCRAFT TOTAL TIME: 2786.5

AIRCRAFT REG: N9127Z

AIRCRAFT S/N: 4608059

ificate No.

I certify that this aircraft has been inspected I/A/W an annual inspection per guidelines in the Piper PA46-310P maintenance manual 100 hour inspection checklist, FAR 43, Appendix D, and this aircraft has been determined to be in an airworthy condition. Airworthiness Directives verified through Bi-Weekly 2003-26.

AIRWORTHINESS DIRECTIVES COMPLIED WITH THIS INSPECTION: SPECIAL INSPECTIONS COMPLIED WITH THIS INSPECTION:

No applicable airframe airworthiness directives due at this time.

- 500 / 12 Month Central Air Filter Replacement.
- One Year Fire Extinguisher Weight Check / Inspection. Weight checks good at this time.

REPAIR INFORMATION COMPLIED WITH THIS INSPECTION:

- 501.110 DD, by inspection of the engine mount for cracks. No defects noted at this time. Next due: 2886.5 ACTT or 01/2005.
- 501.201, by inspection of the hydraulic power pack lower manifold. No defects noted at this time and gear swings check satisfactory.
- 501.1057, by installation of kit P/N 767-352. Repaired small crack in the L/H wing aft stringer.
- 501.201 A, by cleaning of the de-ice system control valve. Next due: 2886.5 ACTT.

FAR 91 COMPLIANCE THIS INSPECTION:

- Complied with FAR 91.207 (c) & (d). ELT inspection and battery check. ELT passed checks by NARCO and next battery due date: 11/10/2005.

ADDITIONAL MAINTENANCE PERFORMED THIS INSPECTION:

- Installed a new R/H navigation light bulb. Installed a new L/H recognition light bulb. Applied new conductive de-ice sealant to all de-ice boots. Installed new L/H and R/H brake linings P/N 066-06200. Installed a new L/H main tire P/N 6X6 8PLY and serviced tire to rated pressure. Installed new main landing gear upper torque link bushings P/N 452-857. Repaired small tear in the cabin door seal. Repaired small hole in the L/H horizontal stabilizer de-ice boot. Cleaned, treated and painted minor corrosion on the airstair door lower hinge. Removed leaking air conditioning evaporators and installed two new evaporators P/N's 459-466 & 459-467. Installed a new receiver dryer and serviced the air conditioning system with 3 pounds R-12 freon.

- Operational / leak checks completed on the work described above and found to be satisfactory. All work accomplished I/A/W the Piper PA46-310P maintenance manual and is approved for return to service. END

Maintenance Release: This aircraft, airframe, engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with the applicable aircraft, engine, propeller, and / or appliance maintenance manuals and instructions. Pertinent details are on file at this repair station under work order 17578.

Authorized Signature: Ben T. Games Ben T. Games, Chief Inspector for FAA CRS# ECWR470D
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257 Fax: (772) 562-5369

NARCO AVIONICS INC.

SERVICE TAG

MODEL # 5L710

S/N 013221

DATE 12/09/03

W.O.# 27552

DETACH AND AFFIX
TO LOGBOOK

**SERVICEABLE
SUN AVIATION, INC.
AVIONICS REPAIR FACILITY
3102 CHEROKEE DRIVE**

VERO BEACH, FLORIDA 32960 • PHONE: (772) 567-0603

Make/Type United/5934PAD-1 Ser. No. 0E659

Part Name ALTIMETER A/C No. N9127Z

Customer TIM KROCHUK

Remarks: FUNCTION TESTED ALIMETER

1AW FAR PART 43 APP. E PARA (b)

TO 35,000 FT

Technician Chad Brown Inspector Mark

Work Order 18117 Date 12/19/03

F.A.A. APPROVED REPAIR STATION No. ECWD470D

ALTITUDE	UUT	+/- TOL	FAIL	FRICION	+/- TOL	FAIL
-1000	-1000	20				
0	0	20				
500	500	20				
* 1000	1000	20		30	70	
1500	1500	25				
* 2000	2000	30		30	70	
* 3000	3000	30		30	70	

Total To
Carry Forward

SUN AVIATION

Date: 5/14/2004
Hobbs: 2809.7
ACFT: 2809.7

Accomplished a 50 Hr
Performed a Gear Swin
PN 500-248, repaired li
System and no discrep
panel and reinstalled gl
and 1 ea PN 582-700.
handle and replaced bo
Sequence Valve. Tight
Replaced Hydraulic Ho
and resealed. Cleaned
RH Wing, cleaned and
3 Close Out Panels, LH
MAINTENANCE RELE
above was repaired and
Administration and is a
aircraft, engine and or a
at the repair station off

Signature _____
Sun Aviation, Inc., Mu

AIRCRAFT LOG

The following Altimeter(s), Altitude Encoders(s) And Static Pressure Systems(s) have been Tested In accordance with FAR 91.411 and conforms to FAR PT. 43, Appendix E & F

#1 Alt. Model:	KEA 130A	S/N:	U31637	To:	35,000	FT
#2 Alt. Model:	5934 PAD-1	S/N:	OE659	To:	35,000	FT
Encoder Model:	SEE #1 ALT	S/N:	-	To:	-	FT

The following Transponder(s) have been tested in accordance with FAR 91.413 and
Conforms to the specifications set forth in FAR PT. 43, Appendix F

#1 Model:	GTX-330	S/N	84107470
#2 Model:	N/A	S/N	N/A

W.O. # 18117 Date: 12/19/03 Inspector: [Signature]
SUN AVIATION INC., AVIONICS REPAIR FACILITY FAA CRS ECWD470D

Total To
Carry Forward

SUN AVIA

Date: 6/14/200
Hobbs: 2809.
ACTT: 2809.7

Accomplished
Performed a C
PN 506-248, r
System and re
panel and rin
and 1 ea PN 5
handle and rep
Sequence Val
Replaced Hyd
and resealed;
RH Wing, clea
2 Close Out P
MAINTENANCE
above was rep
Administration
aircraft, engine
at the repair s

Signature
Gun Aviation

SERVICEABLE
SUN AVIATION, INC.
AVIONICS REPAIR FACILITY
3102 CHEROKEE DRIVE

VERO BEACH, FLORIDA 32960 • PHONE: (772) 567-0603

Make/Type United/5934PAD-1 Ser. No. 0E659

Part Name ALTIMETER A/C No. N9127Z

Customer JIM KROCHAK

Remarks: FUNCTION TESTED ALTIMETER

IAW FAR PART 43 APP. E PARA (b)

TO 35,000 FT

Technician Chad Brown Inspector ALP

Work Order 18117 Date 12/19/03

F.A.A. APPROVED REPAIR STATION No. ECWD470D

SUN AVIATION, INC.
 AVIONICS REPAIR FACILITY
 FAA CRS# EC WD470D

DATE: 12/19/03

MAKE: United

S/N: 0E659

W/O#: 18117

MODEL: 5934PAD-1

ALT AT START: 0 FT

Barometric Scale Error

Barometer Set to Pressure IN/HG	Should Read (Altitude)	UUT Reads	ERROR TOL +/- 25 FT
28.1	-1727	-1727	0
28.5	-1340	-1340	0
29.0	-863	-863	0
29.5	-392	-392	0
29.92	0	0	0
30.5	+531	540	9
30.9	+891	891	0
30.99	+974	974	0

Altimeter Error and Friction (In Feet)

ALTITUDE	UUT	+/- TOL	FAIL	FRICTION	+/- TOL	FAIL
-1000	-1000	20				
0	0	20				
500	500	20				
* 1000	1000	20		30	70	
1500	1500	25				
* 2000	2000	30		30	70	
* 3000	3000	30		30	70	
4000	4000	35				
* 5000				40	70	
6000	6000	40				
8000	7990	60				
* 10000	9990	80		40	80	
12000	11970	90				
14000	13970	100				
* 15000				50	90	
16000	15970	110				
18000	17980	120				
* 20000	20000	130		50	100	
22000	22000	140				
* 25000	25000	155		50	120	
* 30000	30050	180		50	140	
* 35000	35140	205		50	160	
* 40000		230			180	
* 45000		255				
* 50000		280			250	

Case Leak 9 FPM (TOL 100FT in 1 minute max)
 Hysteresis @50% 18050 @40% 14030 (TOL +/- 75FT)
 Ending Reading 0 (+/- 30 from start of test)

Overall Results
☒ Pass
☐ Fail

Technician Chad Brown Inspector ALP

**SERVICEABLE
SUN AVIATION, INC.
AVIONICS REPAIR FACILITY
3102 CHEROKEE DRIVE**

VERO BEACH, FLORIDA 32960 • PHONE: (772) 567-0603

Make/Type Bendix King/KEA130A Ser. No. 131637

Part Name ENC. ALTIMETER A/C No. N9127Z

Customer TIM KROCHAK

Remarks: FUNCTION TESTED ENC. ALTIMETER

1AW FAR PART 43 APP. E PARA. (k)

TO 35,000 FT

Technician Chris Brown

Inspector MTG

Work Order 18117

Date 12/19/03

F.A.A. APPROVED REPAIR STATION No. ECWD470D

**SUN AVIATION, INC.
AVIONICS REPAIR FACILITY
FAA CRS ECWD470D**

DATE: 12/19/03

MAKE: Bendix King

S/N 131637

W/O#: 18117

MODEL: KEA 130A

ALT AT START: 0 FT

Barometric Scale Error

Barometer Set to Pressure IN/HG	Should Read (Altitude)	UUT Reads	ERROR TOL +/- 25 FT
28.1	-1727	-1727	0
28.5	-1340	-1355	15
29.0	-863	-880	17
29.5	-392	-410	18
29.92	0	0	0
30.5	+531	520	11
30.9	+891	891	0
30.99	+974	974	0

Altimeter Error and Friction (In Feet)

ALTITUDE	UUT	+/- TOL	FAIL	FRICTION	+/- TOL	FAIL
-1000	-1010	20				
0	0	20				
500	500	20				
* 1000	1000	20		25	70	
1500	1500	25				
* 2000	2010	30		25	70	
* 3000	3020	30		25	70	
4000	4020	35				
* 5000				30	70	
6000	6010	40				
8000	8000	60				
* 10000	10000	80		30	80	
12000	12000	90				
14000	14000	100				
* 15000				40	90	
16000	16000	110				
18000	18000	120				
* 20000	20000	130		40	100	
22000	22020	140				
* 25000	25020	155		40	120	
30000	30010	180		40	140	
* 35000	34980	205		50	160	
* 40000		230			180	
45000		255				
* 50000		280			250	

Case Leak 18 FPM (TOL 100FT in 1 minute max)
Hysteresis @50% 18040 @40% 14030 (TOL +/- 75FT)
Ending Reading 0 (+/- 30 from start of test)

Overall Results	
☒ Pass	☐ Fail

Technician Chris Brown

Inspector MTG

Registration No. _____

SUN AVIATION, INC., Vero Beach, FL (VRB)

Certificate No. _____

Date: 6/14/2004
Hobbs: 2809.7
ACTT: 2809.7

AIRCRAFT LOG
Model: PA46-310P

N 9127Z
Aircraft S/N: 4608059

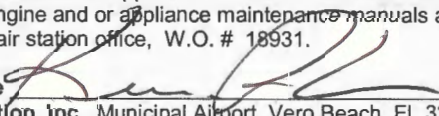
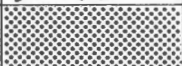
Accomplished a 50 Hour inspection IAW the Piper PA46-310P 50 Hour checklist.

Performed a Gear Swing per inspection requirements. Inspected A/C system, replaced A/C Hose PN 566-248, repaired line from dryer to manifold, leak checked system, serviced with R-12, tested System and no discrepancies noted. Removed glareshield, repaired broken wire on annunciator panel and reinstalled glareshield. Installed new Turn Limit Placards on Nose Wheel 1 ea PN 582-783 and 1 ea PN 582-786. Replaced Stall Vane assembly installed PN 548-745/SN 1155. Removed door handle and replaced both springs, installed 2 ea PN 84810-003. Repositioned clamp to clean Door Sequence Valve. Tightened end gland on Nose Gear Actuator. Serviced Hydraulic Pump as needed. Replaced Hydraulic Hose PN 565-905, LH Main Landing Gear. Removed Sump Tank cover, cleaned and resealed. Cleaned Actuator Shaft, RH and LH Main Landing Gear Actuators. Removed Sending Unit, RH Wing, cleaned and resealed Close Out Panel, checked and no discrepancies noted. Removed 2 Close Out Panels, LH Fuel Tank, cleaned and resealed Close Out Panels.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller 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. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, W.O. # 18800.

Signature _____ CRS # ECWR470D
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
SUN AVIATION, INC., Vero Beach, FL (VRB)				
Date: 6/23/2004	AIRCRAFT LOG		N 9127Z	
Hobbs: 2815.3	Model: PA46-310P		Aircraft S/N: 4608059	
ACTT: 2815.3				
Replaced Emergency Nose Gear Down-spring, installed new PN 687-915, ops checked 3 times And checked satisfactory.				
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller 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. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, W.O. # 18931.				
Signature 		CRS # ECWR470D		
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257				
6-23-2004	N 9127Z	Hobbs: 2815.3.		
AD 2004-10-15	c/w	Version 3.03 installed		
Total To Carry Forward			 IA 62621060	

and Remarks

19-2001-4

INSTALLED LOOSE
SEE 157 THIS DAY
WEIGHT AND BALANCE
SCHEDULE

RICHARD M. WINSTON
 FEDERAL OPRENT
 2620 ATLANTA
 ALBERTA

CUSTOMER

A. H. S. Barto

Barrow, FL

CRS NO. 11

Aircraft Make

Model

NO,
installed now

correspondence

IAW FAR 43.

6/30/04

Day A De

only 10.00

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

06/16/2004

HOBBS 2810

INSTALLED LOPRESTI BOOM BEAM LANDING AND TAXI LIGHTS.
SEE 337 THIS DATE.
WEIGHT AND BALANCE CALCULATED AND UPDATED IN FLIGHT
MANUAL.

RICHARD M WISNIEWSKI 47560181AP
FOR LOPRESTI SPEED MERCHANTS
2620 AIRPORT NORTH DRIVE
VERO BEACH FLORIDA 32960

Richard M Wisniewski

CUSTOM AVIONICS

418-S Bartow Municipal Airport

Bartow, FL 33830

CRS No. TK4R547M

Aircraft Make : Piper
Model : Malibu
Reg. No. : N9127Z

Installed new Ameri-King AK 350 Encoder s/n 56283. Performed
correspondence tests as required by FAR 91.411(a) and 91.217 (b) performed
IAW FAR 43, Appendix E. Par. (a)(c).

6/30/04

Gary A. DeMartino

Gary DeMartino

0000

checked 3 times

appliance identified
Federal Aviation
accordance with applicable
ent details are on file

alled

2621060

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: J041399		
4. Organization Name and Address: KELLY AEROSPACE ENERGY SYSTEMS, 2900 SELMA HWY., MONTGOMERY, AL. 36108					5. Work Order/Contract/Invoice Number: W/O: M156930		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	STARTER ***** MOD/NO END *****	646275-1 MOD/NO END *****	N/A	1	J041399	OVERHAULED	
13. Remarks: COPY OF WORK ORDER AVAILABLE ON REQUEST FROM KELLY AEROSPACE ENERGY SYSTEMS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL CERTIFICATE NUMBER EASA.145.4418 AND BY THE FAA AIR AGENCY CERTIFICATE NUMBER UT2R226L. APPROVED FOR EXPORT THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED AS MOD/NO & ORIG. MFG. COMPLIES WITH PPS-9001 LATEST REVISION. OVERHAULED PER TCM SERVICE INSTRUCTION X30592, DATED 1/87.							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.			19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: <i>Jonathan Longmire</i>		21. Approval/Certificate No: UT2R226L	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Jonathan Longmire		23. Date (m/d/y): APR 29 2009	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.							
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.							
Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

to	19
len	

Authorization No.:	20
--------------------	----

User/Installer Responsibility
is not automatically covered

Regulations of an airway When authority accepts

In all cases, aircraft m
own.

End 109
#2