

N 9127Z

#1

AIRCRAFT LOG



A LEAR SIEGLER



N9127Z

Skytech, inc.

Martin State Airport
P.O. Box 4942
Baltimore, MD 21220
301-574-4145

AIRCRAFT LOG

PIPER AIRCRAFT CORPORATION

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

N9127Z

Aircraft
Registration Number

Part No. 230 715

REPLACE ELT BATTERY BY:

SN

C13221

NOV 28 1989

ARTEX AIRCRAFT SUPPLIES, INC.
ARTEX 24368 S. Skylane Dr Canby, OR 97013
(503)266-3959 800-547-8901
LOG BOOK ENTRY 7/14/90
E.L.T. BATTERY
REPLACEMENT DATE Aug 92

ARTEX AIRCRAFT SUPPLIES, INC.
ARTEX 24368 S. Skylane Dr Canby, OR 97013
(503)266-3959 800-547-8901
LOG BOOK ENTRY 898.4 8-12-92
E.L.T. BATTERY
REPLACEMENT DATE Sept 94

OWNER

NAME

1

2

3

4

5

6

If this book is found, please

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

Paint type: Dupont Imron

BLANCO
BRAVO
REGIMENTAL
SOVEREIGN

H78484
4992
Q78914
43500

AIRCRAFT DESCRIPTION

Registration No. N9127Z

Model: PA-46-310P Popular Name

Serial No.: 4608059 Type Certificate

Colors: #H78484 Blanco @ Bravo / Regimental

Engine Manufacturer: Continental Propeller Make

Original Engine Model: TSIO-520-BE1 Original Propeller

Serial Numbers: Single 528358 Hub or Serial

Left

Right

1987 MODEL

AIRCRAFT DESCRIPTION

Registration No. N9127Z

Model: PA-46-310P Popular Name: Malibu

Serial No.: 4608059 Type Certificate No.: A2550

Colors: #H242U Blanco @ Bravo / Regimental & Sovereign

Engine Manufacturer: Continental Propeller Manufacturer: Hartzell ¹⁻¹⁶⁻⁸⁷

Original Engine Model: TSIO-520-BE1 Original Propeller Model: BHC-C24F-1BF

Serial Numbers: Single 528358 Hub or Serial Number: Single AM3019 ~~AM2893~~

Left _____ Left _____

Right _____ Right _____

Blade Numbers

1987 MODEL

Left	Right
F83884	<u>H20368</u>
F83888	<u>H20369</u>
_____	_____

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.
88-25-08	Engine Cooling mod	450.5	10-3-89	W.L. Walker 1561629APDJA
87-04-01	Air valve linkage Plc/w	450.5	10-3-89	W.L. Walker 1561629APDJA
Hartzell	(Every 5 years or 2000 hrs)	—	—	—
77-12-06	Hartzell V-shank blade insp	—	—	—
whichever is first	New Prop Manufactured 1/31/90 time 538 Next insp due 1/31/95 or HA 25538	553.8	3-27-90	CK 121-48
84-26-02	R&R induction Air filter	595.0	5/9/90	Rukhuda CRS 6N172K
91-07-08 R1	Placarded & covered instruments as required.	763.4	4/6/91	Rukhuda CRS 6N172K
92-15-14	placarded Vac. gage	1065.0	1/15/93	Rukhuda
84-26-02	R&R filter	1169.6	7/7/93	Rukhuda
92-18-08	Installed Kit	—	10/30/90	Rukhuda
92-13-6	Elevator Trim Cable Guide	862.9	12-6-91	

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)
S.B. 944	R&R tail rivets
MOD #88179	Wing center rib doubler
S.B. #947A	Part II A.D. #92-15-14
S.B. #958	Drain holes in horiz. St.
VSP 107 Airborne #35	R&R Standby Vacuum
S.L. 1011	Nose Gear Trunnion
S.B. 981	POWER PACK
S.L. 1012	AIR BRAKE CABLES
S.B. 994	GEAR ACTUATORS - NO. 11, 12
S.B. 995A	CALIBRATE TIT

SS DIRECTIVES

Time on Aircraft	Date of Compliance	Signature and Certificate No.
0.5	10-3-89	W L Vallen 1561629AP81A
0.5	10-3-89	W L Vallen 1561629AP81A
—	—	—
553.8	3-27-90	CK#121-48
95.0	5/9/90	Rukhede CRS 6N1R12K
63.4	4/6/91	Rukhede CRS 6N1R12K
65.0	1/15/93	Rukhede
69.6	7/7/93	Rukhede
—	10/30/90	Rukhede
2.9	12-6-91	—

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.
S.B. 944	R&R tail rivets	704.0	11/9/90	33488141- Rukhede
MOD #88179	Wing center rib doublers	"	"	Rukhede
S.B. #947A	Part II AD. #92-15-14	1065	1/15/93	Rukhede
S.B. #958	Drain holes in horiz. stab.	1065	1/15/93	Rukhede
VSP 107 Airborne #35	R&R Standby Vacuum pump	1065	1/15/93	Rukhede
S.L. 1011	Nose Gear Trunnion	P/C/W	8/29/90	see log. Rukhede
S.B. 981	POWER PACK			
S.L. 1012	AIRBORN CABLES			
S.B. 994	GEAR ACTUATORS - NOSE, N/A BY SN + DATE			Paul A. Davis ATP 12571216
S.B. 995A	CALIBRATE TIT	1671.8	5-2-97	Paul A. Davis ATP 12571216

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.
Piper SB 858	Repl H6 steering column beam attach Belts - Replaced Belts per instructions	46.8	6-18-87	Ralph J. Boyd MMF 321-10
SB 865	INSPECTED DRIVE SHAFT ON COMPRESSION PULLEY - FOUND METAL LOCK NUT - CUT D-C BELT OFF	46.8	6-22-87	Ronald R. Miles MMF 321-10
SB 863	AILERON CABLE ROUTING VERIFIED INSTALLATION	60.1	7-14-87	Ronald R. Miles MMF 321-10
Piper SL 999	A/C compressor mounting shim.	117.3	9-10-87	Ralph J. Boyd MMF 321-10
SL 1000	INST. KIT # 765-347 NOSE GEAR DOOR HINGE SUPPORT	218.5	11/13/87	CWO # 4444
SL 1001	C/W S/L DYE Penetrant Insp. + Instal Rein to cement	317.3	2/26/88	CWS # 4444
SB 871 Part II	C/W S/B each check INSTALLS	317.3	2/26/88	CWS # 4444
SB 894	NOSE GEAR DOWN SPRING MECHANISM REPLACEMENT		3 Nov 88	W. J. O. Co. PAC, R&D URB, FC
SB 863A	AILERON CABLE ROUTING - WING	441.1	7 FEB 89	Flint IAC R&D VROFL.
SB 883	Add Post lights	282.7	1-26-88	

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks
S/B 895	Air box bearing O/L Mod. 9-1-89
S/B 892A	Eng cooling kit inst
S/B 1004	Pads on H6 doors
S/B 862A	Flap actuator tube
S/B 884	Safety of Turbo V Band
S/B 917	Auxiliary Support for BAGGAGE COMPARTMENT
S/B 921	Aileron Insp.
Piper SL # 1000	Fuel line PROTECT
VSP # 89 Hartzell SB # 157	Spinner insp
S/B 943A	Landing Gear Locking Actuator End Gland Replacement dated 07/19/90 08/15/90

VICE BULLETINS AND LETTERS

Time on Aircraft	Date of Compliance	Signature and Certificate No.
46.8	6-18-87	<i>Robert J. Bland</i> MMF321-10
46.8	6-22-87	<i>Kenneth R. Myles</i> MMF321-10
60.1	7-14-87	<i>Kenneth R. Myles</i> MMF321-10
117.3	9-10-87	<i>Robert J. Bland</i> MMF321-10
218.5	11/13/87	CWO #4444
317.3	2/26/88	CIS #4444
317.3	2/26/88	CIS #4444
	3 Nov 88	<i>W. J. Bland</i> PAS, PED UPD, FL
441.1	7 FEB 89	<i>Flint</i> IAC R+D VROA
282.7	1-26-88	

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.
S/B 895	Alt. Air box bearing Block Mod. 9-1-89	460.0	? Found by Insp	<i>Fred Hoffman</i> A/P 1470716
S/B 892A	Eng cooling kit inst	450.5	10-3-89	<i>W. J. Bland</i> 1561629AP/IA
S/B 1004	Pads on 4/6 doors	450.5	10-3-89	<i>W. J. Bland</i> 1561629AP/IA
S/B 862A	Flap actuator tube Repl	450.5	10-3-89	<i>W. J. Bland</i> 1561629AP/IA
S/B 884	Safety of Turbo V Band Clamps	450.5	10-3-89	<i>W. J. Bland</i> 1561629AP/IA
S/B 917	Auxiliary Support Forward BAGGAGE COMPARTMENT	469.8	10-27-89	<i>m. C. Anderson</i> A/P 402723410008
S/B 921	AIRCRAFT Insp.	469.8	10-27-89	<i>m. C. Anderson</i> A/P 402723410008
Piper SL #1000	Fuel line protection	476.3	11-9-89	<i>Flint</i> CR #121-48
VSP #89	Spinner insp	476.3	11-9-89	<i>Flint</i> CR #121-48
Hartzell SB #157	Landing Gear Locking Actuator	670.0	09-18-90	<i>Peter R. Boissonneault</i> GNI R172K
S/B 943A	End Gland Replacement dated 07/19/90 08/15/90			

S.B. & S.L.

PROPELLER

Date Overhauled	Hub Serial No.	Work Done
948 S.B.	I/B wing ribs	747.0 2/15/91 C/W
958 S.B.	Horizontal Stab Drain Hole Inst.	1064.6 12/30/91 GNIR172K <i>Peter Boissonneault</i>
960 S.B.	Heat Shields Kit #766-267	9/20/93 1222.0
953 S.B.	Trim cable guide tube	862.9 12/6/91 C/W
961 S.B.	Alternate air door ✓	1065.0 1/15/93 C/W
962 S.B.	CORROSION Insp	<i>Due AGAIN</i> AFTT 1266.3 02/10/94 GNIR172K <i>Peter Boissonneault</i>
963 S.B.	Electric Cam Flap Mod	AFTT 1266.3 2/10/94 GNIR172K <i>Peter Boissonneault</i>
796B SB	Lower Wing Rivets Part one only	AFTT 1471.0 3/13/95 GNIR172K <i>Peter Boissonneault</i>
964 S.B. 964A	GEAR PRESSURE SWITCHES	PCW UP 10-24-89 ON 11-4-90 π 704.0 SEE LOG ENTRY
S.B. 985	GEAR PRESSURE SWITCHES	N/A BY DATE CODE <i>Dan A. Nair</i> ATC 1254/1216
S.L. 1009	AUTO-PILOT	SERVO COVERS C/W 10-30-90 SEE LOG ENTRY

OVERHAULS

Work Done By	Certificate No.
S.B. 990 SEAT BELT	N/A
S.B. 993	N/A
S.B. 994 GEAR ACTUATORS	MAIN - N/A NOISE - N/A
S.B. 995A TIT CALB.	1671
S.B. 997 RT. JACK POINT	INSTALL KIT 766-62F 1671
S.B. 999 SHOULDER HARNESS MOD.	1747
S.B. 959 FUSELAGE RIVETS	1671
S.B. 803A DE-ICE VALVE	CLEAN 1717
S.B. 1000 ENG. ELECTRICAL	N/A
S.B. 1001 STEERING	N/A
S.B. 1012 TURBO	N/A

CONTINUED AT

PROPELLER

OVERHAULS

5/91 C/W
 Peter Boissonneau
 30/91 GNIR172K
 120/93 1222.0
 1/91 C/W
 15/93 C/W
 Peter Boissonneau
 1/94 GNIR172K
 Peter Boissonneau
 94 GNIR172K
 Peter Boissonneau
 5 GNIR172K
 11-4-90
 ON T704.0
 SEE LOG ENTRY
 Paul H. Nam
 ACP 1254/1216
 SEE LOG ENTRY

Work Done By	Certificate No.	Returned to Service		
		By	Certificate No.	Date
S.B. 990 SEAT BELT		N/A BY MODEL		
S.B. 993		N/A BY MODEL		
S.B. 994 GEAR ACTUATORS NOISE		MAIN - N/A BY SN & DATE N/A BY MODEL		
S.B. 995A TIT CALB.		1671.8 5-2-97	Paul H. Nam	
S.B. 997 RT. JACK POINT	INSTALL KIT 766-628	1671.8 5-8-97	ACP 1254/1216	
S.B. 999 SHOULDER HARNESS MOD.		1747.6 7/16/98		
S.B. 959 FUSELAGE RIVETS		1671.8 5-1-97	Paul H. Nam - ACP 1254/1216	
S.B. 803A DE-ICE VALVE CLEAN		0UE 1817 1417 3-13-95	SEE ENTRY	
S.B. 1000 ENG. ELECTRICAL		N/A BY MODEL		
S.B. 1001 STEERING		N/A BY MODEL		
S.B. 1012 TURBO		N/A BY MODEL		

CONTINUED AT END OF BOOK 2

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	
	This Date	Total			
MAR 10 1987	Brought Forward →	17.6	I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED <u>MAR 10 1987</u> I/A/W FAR 21.183(a) PER 21.273. <u>J. Tiffany</u> FAA DOA SO-1 THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91. HAVE BEEN PERFORMED. THE ALTIMETER (S) HAVE BEEN TESTED TO <u>35,000</u> FT. ON (L) <u>12-16-86</u> (R) <u>12-18-86</u> SIGNED <u>J. Tiffany</u> DATE <u>MAR 10 1987</u> The ELT is installed per FAR 91.52. Battery re- placement date <u>1-28-89</u> <u>J. Tiffany</u> D.O.A. No. SO-1 Piper Aircraft Corp.		
Total To Carry Forward		17.6			

Registration No.

and Remarks

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

1. Make King Model KT79A

2. Make King Model KT79A

Details of this inspection are on file at this office.

S/N 4608059 Date 2-1-87

Q. A. Inspector J. Tiffany
PIPER AIRCRAFT CORP.
VERO BEACH, FLORIDA

THE R-NAV SYSTEM AS INSTALLED ON THIS AIRCRAFT HAS BEEN TESTED AND COMPLIES TO THE PERTINENT CONDITIONS OF A.C. 91-109 FOR IFR OPERATIONS.

SIGNED J. Tiffany DATE 3-10-87

Registration No. N9127Z

Maintenance

AND ISSUED
CERTIFICATE

I/A/W

DOA SO-T

SYSTEM

T 91.

ALTITUDE (S)

000 FT.

12-18-86

ATE MAR 10 1987

d per

y re-

28-89

-1

orp.

and Remarks

Signature

Certificate No.

The ATC Transponder Tests and Inspections required by FAR 91 were performed this date and found to comply with FAR 43, Appendix F.
ATC Transponder:

1. Make King Model KT79A S/N 3512

2. Make King Model KT79A S/N 3480

Details of this inspection are on file at this facility under

S/N 4608059 Date 2-6-87

Q. A. Inspector J. Tiffany
PIPER AIRCRAFT CORP.
VERO BEACH, FLORIDA

THE R-NAV SYSTEM AS INSTALLED HAS
BEEN TESTED AND COMPLIES TO THE
PERTINENT CONDITIONS OF A.C. 90-45A
FOR IFR OPERATIONS.

SIGNED J. Tiffany DATE 3-9-87

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	46.8		Complied with Ltr SB 858 (Nase
				by installing 1/4 inch belts per instructions. operational
	PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER			
	WORK ORDER NUMBER <u>918034</u>			
JUN 22 1987		46.8	46.8	COMPLIED WITH S/B 865
				HAS DRILLED SHAFT AND
Total To Carry Forward				A-C COMPRESSOR DRIVE BELT REINSTALLED

Registration

and Remarks
landing gear steering check completed.
REPAIR STATION NUMBER
PIPER AIRCRAFT CORPORATION
P. O. BOX 1328
VERO BEACH, FLA. 32960
SIGNED <u>Robert L. Royal</u>
FREON COMPRESSOR DRIVE
LOCK NUT - DRIVE BELT
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
WORK ORDER NUMBER <u>918034</u>
IN ENGINE LOG
SEE ENTRY A DATED 7-10

Registration No. N9127Z

Maintenance	and Remarks	Signature	Certificate No.
38858 (Nose functional)	landing gear steering, rotasles harm attach Bolt replacement) check completed.		
	REPAIR STATION NUMBER: MMF 321-10 PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960 SIGNED <u>[Signature]</u> DATE <u>6-18-87</u>		
WITH S/B 865 SHAFT AND	FRON COMPRESSOR DRIVE Pulley INSPECTION: IDLER Pulley DRIVE LOCK NUT- DRIVE BELT CUT OFF.		
	PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER <u>918034</u>	REPAIR STATION NUMBER: MMF 321-10 PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960 SIGNED <u>[Signature]</u> DATE <u>JUN 22 1987</u>	
REINSTALLED	IN ENGINE LOG SEE ENTRY A DATED 7-10-87 <u>[Signature]</u> mmf 321-10		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
JUL 14 1987	Brought Forward →	60.1	60.1	VERIFIED COMPLIANCE WITH
Total To Carry Forward				

Registration No.

and Remarks

S/N 863 AIRCRAFT CABLE ROUTE

Registration No. _____

9/27Z

Maintenance

and Remarks

Signature

Certificate No.

COMPLIANCE WITH

S/B 863 "Aileron Cable Routines"

Kenneth R. Miles

MMF 321-10

PIPER AIRCRAFT CORP.

P. O. BOX 1328

VERO BEACH, FL 32960

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
SEP 10 1987	Brought Forward →	117.3	117.3	Complied with Piper Sh. lenses, left turbo air inlet hose. Storm scope repaired.
REPAIR STATION NUMBER: MMF 321-10 PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960 SIGNED _____ DATE _____				
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER				
WORK ORDER NUMBER <u>918076</u>				
Total To Carry Forward				

Registration No. _____

and Remarks
999 (altimeter mount skinned). Repaired bottom left cond.
REPAIR STATION NUMBER PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960 SIGNED <u>Ralph L. Boyer</u>
TOTAL TIME <u>117.3</u> MLT
"I CERTIFY THAT THIS <u>aircraft</u>
IN ACCORDANCE WITH A <u>Person</u>
WAS DETERMINED TO BE IN AIR

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

with Piper SA
scope repaired

999 (altimeter mount skinned). Replaced: co-pilot's overhead
Repaired bottom left cowl flange.

REPAIR STATION NUMBER: MMF 321-10

PIPER AIRCRAFT CORPORATION

P. O. BOX 1328

VERO BEACH, FLA. 32960

SIGNED Ralph L. Boyd DATE 9-10-87

TOTAL TIME 117.3 METER _____

"I CERTIFY THAT THIS aircraft HAS BEEN INSPECTED
IN ACCORDANCE WITH A visual INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
OCT 10 1987	Brought Forward →	151.5	151.5	REPLACED SEAL ON R/H INSTALLED INNER WINDOW REPLACED R/H MLG TIRE.
11-5-87			209.5	Removed ELT S/N C 13221 - Removed a new tire
Total To Carry Forward				

Registration N

and Remarks

FUEL CAP. ADJUSTED NOSE GEAR

Kit P/N 765-346, N8B

INSTALLED DRY HEATER KIT 765

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

WORK ORDER NUMBER 918097

C15405 and replica

LH Main landing gear

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

WORK ORDER NUMBER 918142

Registration No. N 9127Z

Maintenance	and Remarks	Signature	Certificate No.
AL ON R/H	FUEL CAP. ADJUSTED NOSE GEAR ACTUATOR.		
INNER WINDOW	KIT P/N 765-346, W&B REVISED IN POH		
1 MILK TIRE.	INSTALLED Dux Heater Kit 765-348		
	PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER	REPAIR STATION NUMBER: MMF 321-10 PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960	
	WORK ORDER NUMBER <u>918097</u>	SIGNED <u>Kenneth R. 7/11/87</u> DATE <u>OCT 10 1987</u>	
ELT S/N	C15405 and replaced with new ELT S/N		
- Removed	LH Main landing gear tire and replaced with		
re	PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER	REPAIR STATION NUMBER: MMF 321-10 PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960	
	WORK ORDER NUMBER <u>918142</u>	SIGNED <u>John B. 11/5/87</u> DATE <u>11-5-87</u>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/13/87	Brought Forward →	218.5	218.5	COMPLETED ANNUAL TAX 310P INSPECTION REPORT ATTACH BRACKET. CW SL KIT # 765 347 - NOSE SB 871 PART V TACH ED AND PAINTED PROP.
Total To Carry Forward				

Registration No.

and Remarks

SECTION THIS DATE PER
AN. 230-1085. REPAIRED
1000 BY INSTALLATION OF
GEAR DOOR SUPPORT MOD.
CHECK - WITHIN TOLERANCE.

Registration No. N9127Z

Maintenance	and Remarks	Signature	Certificate No.
ANNUAL INSPECTION REPORT	SECTION THIS DATE PER PIPER AIRCRAFT CORP. PA46-AN. 230-1085. REPAIRED RIGHT LOWER REAR COWLING		
T. CW SL	1000 BY INSTALLATION OF	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
7 - NOSE	GEAR DOOR SUPPORT MOD. CW	"The 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."	
V TACH	CHECK - WITHIN TOLERANCE, DRESS.	"Pertinent details of the repair are on file at this repair station under Order No. <u>24748</u> Date <u>11/13/87</u>	
2) PROP.		Signed <u>[Signature]</u> for (signature of authorized representative) Showalter Flying Service, Inc. Municipal Airport - Orlando, Florida FAA Approved Repair Station #4444	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
DEC 10 1987	Brought Forward →		246.7	ADJUSTED RUDDER TRAVEL
DEC 18 1987			246.7	COMPLIED WITH S/B 876A
				N/A, INSTRUCTION # 4 - PCW
Total To Carry Forward				

Registration

and Remarks

TO 26° LEFT & 30° RIGHT

PERTINENT DETAILS OF THE REPAIR
ON FILE AT THIS REPAIR STATION UN

WORK ORDER NUMBER 918172

INSTRUCTION # 1 (TCM M87)

@ 117.3 HRS.

PERTINENT DETAILS OF THE REPAIR
ON FILE AT THIS REPAIR STATION UN

WORK ORDER NUMBER 2

Registration No. N 9127 Z

Maintenance	and Remarks	Signature	Certificate No.
RUDDER TRAVEL	TO 26° LEFT & 30° RIGHT AND ELEVATOR TRAVEL TO 24° UP & 15° DN, PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER <u>918170</u>	REPAIR STATION NUMBER: MMF 321-10 PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960 SIGNED <u>Kenneth R. Myles</u> DATE <u>DEC 10 1987</u>	
WITH S/B 8760	INSTRUCTION #1 (TCM M87-24). INSTRUCTION #2 - N/A, INSTRUCTION #3 @ 117.3 HRS.	REPAIR STATION NUMBER: MMF 321-10 PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960 SIGNED <u>Kenneth R. Myles</u> DATE <u>DEC 18 1987</u>	
SECTION # 4 - PCW	PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER <u>7</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-26-88	Brought Forward →		282.7	INSTALLED PIPER SERVICE
				SERVICE KIT 765-354 "
				UPDATED DATA BASE ON
Total To Carry Forward				

Registration

and Remarks

KIT 765-353 "ADDITIONAL
DIGITAL TIT GAGE". WEIR
NORTH STAR VORANK PER

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

WORK ORDER NUMBER 918188

108 8/1/88

Registration No. N9127Z

Maintenance	and Remarks	Signature	Certificate No.
PIPER SERVICE	KIT 765-353 "ADDITIONAL POST LITES" INSTALLED PIPER		
765-354 "	DIGITAL TIT GAGE". WEIGHT & BALANCE CHANGE NEGLIGIBLE.		
DATA BASE ON	NORTH STAR LOAN PER INSTRUCTIONS INCLUDED WITH KIT.		
	PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER	REPAIR STATION NUMBER: MMF 321-10 PIPER AIRCRAFT CORPORATION P. O. BOX 1328 VERO BEACH, FLA. 32960	
	WORK ORDER NUMBER <u>918188</u>	SIGNED <u>Kenneth R. M.</u> DATE <u>1-26-88</u>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2/26/88	Brought Forward →	317.3	317.3	Complated Annual Piper Corp. PA 46-3100 c/w s/h 1001 By Dya of Reinforcement. Replaced Fwd Nosa P/N# 83684-2 R.H. Side. Caliper. c/w s/B 871
Total To Carry Forward				

and Remarks

INSPECTION This
INSPECTION Report
Presented INSPECTION
Plate on Engine
Gear Door Support
Rebalanced R.H.
Tach Accuracy

Maintenance

om Platal Annual
 Per Car-P. PA 46-310P
 1w s/A 1001 By Dya
 F Reinforcement.
 Replaced Fwd Nosa
 1/4" 83684-2 R.H. Side.
 aliper. 9w s/B 871

Registration No. _____

and Remarks	Signature	Certificate No.
INSPECTION This Date As Per.		
INSPECTION Report P.N. 230-1085		
Permanant INSPECTION & By Installing		
Plate on ENGINE mount.		
Gear Door Support Channel		
ReSized R.H. Brake		
Tach Accuracy Check		
"The 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." "Pertinent details of the repair are on file at this repair station under Order No. 24982 Date 2/26/88" Signed <u>[Signature]</u> for (signature of authorized representative) Showalter Flying Service, Inc. Municipal Airport - Orlando, Florida FAA Approved Repair Station #4444		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/13/88	Brought Forward →	388.0		
07/08/88				
Total To Carry Forward				

I have inspected this aircraft and issued a SPECIAL Airworthiness Certificate dated 05/13/88
Signed: Jim Reeves ATL-MIDO-CE
EXPERIMENTAL R & D

I have inspected this aircraft and issued a MULTIPLE Airworthiness Certificate dated 07/08/88
Signed: Ralph Stuller ATL-MIDO-CE
EXPERIMENTAL R & D AND MARKET SURVEY

AIRCRAFT MAINTENANCE RECORD of Piper Aircraft, N9127Z, s/n 4608059
May 13, 1988 - Aircraft total time 388.0 hours.

and Rema

ertificate No.

The Continental Engine, model TS10-520-BE1, Hartzell Propeller, model BHC-C2YF-1BF, and all associated parts and components forward of the firewall, engine mount and engine cowl were removed.

The instrument panel was altered by the removal of the manifold pressure gauge, tachometer, fuel flow gauge and exhaust temperature gauge.

An Allison Gas Turbine engine, model 250-B17F with all associated accessories, components and systems was installed in a modified Piper engine mount.

A Hartzell Propeller, model HC-C3YF-2UF, with a spinner and propeller flange adapter was installed.

The instrument panel was altered by the installation of oil temperature and pressure, fuel pressure, N1-N2 tachometers, torque meter gauges and the T.O.T. gauge was remarked. The cylinder head temperature gauge was retained and will be used to monitor engine compartment temperatures. The pneumatic system was altered by the installation of a primary Airborne pneumatic pump.

The electrical system was altered by the installation of the Start/Gen system provided by Allison Gas Turbine Company.

The cabin Air Conditioning, Heating and Pressurization systems were deactivated for initial flight tests.

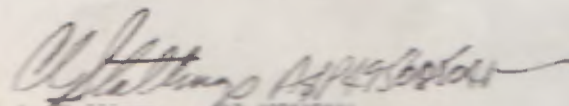
A fiberglass nose cowl was fabricated and attached to the original engine cowl.

The altered aircraft was weighted and a new empty weight, useful load and center of gravity was computed and entered in the Airplane Approved Flight Manual.

The original aircraft fuel system was determined to be compatible for use with turbine fuel.

All work was accomplished in accordance with AC 43.13-1A & 2A, Piper Aircraft, Allison Gas Turbine Engine and Hartzell Propeller instructions and/or service manuals.

It has been determined that the aircraft meets the requirements of FAR Part 21.193 and is ready for issuance of an Experimental Airworthiness Certificate for the purpose of Research & Development.


C. L. Stallings, AEP 435615041

May 31, 1988 - Aircraft total time 392.0 hours.

Removed the Hartzell Propeller and all it's associated parts. Installed a McCauley Propeller, model X3AF34C800/862CA-6, with spinner.

C. L. Stallings
C. L. Stallings, A&P 495605041
A&P 495605041

AIRCRAFT MAINTENANCE RECORD of Piper Aircraft, N9127Z, s/n 4608059
June 24, 1988 - Aircraft total time 406.0 hours.

Installed McCauley propeller reversing system and throttle detent in accordance with McCauley Propeller and Allison Gas Turbine Engines instructions.

C. L. Stallings
C. L. Stallings, A&P 495605041
A&P 495605041

AIRCRAFT MAINTENANCE RECORD of Piper Aircraft, N9127Z, s/n 4608059
July 22, 1988 - Aircraft total time 421.0 hours.

Removed original Air Flow package and installed Aero Space Controls, Air Flow package, which activates the heating and pressurization systems.

C. L. Stallings
C. L. Stallings, A&P 495605041
A&P 495605041

Certificate No.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
30 Sep 88	Brought Forward →	431.9	431.9	ALLISON GAS TURBINE Mod 2500
				HC-CZYF-24F & ALL
				FWD OF FIREWALL
				CONTINENTAL ENGINE MOD
				MOD BHR-CZYF-1BF WAS
				COMPONENTS FWD OF
		431.9	431.9	THIS A/C HAS BEEN
				WORTHY FOR EXPERIMENTAL
Total To Carry Forward				

and Remarks

ENGINE &
ASSOCIATED
WERE REMOVED
T510L-550
INSTALLED,
FIREWALL,
INSPECTED
FLIGHT
I HAVE
HAVE DET
FOR EXP

Jack

Registration No. _____

Maintenance

SON GAS TURBINE MOD 250
 CBYF-24F & ALL
 OF FIREWALL
 ENGINE MOD
 70 AM 2899
 BHE-CZYF-1BF WAS
 PARTS FWD OF
 A/C HAS BEEN
 FOR EXPERIMENTAL

and Remarks	Signature	Certificate No.
ENGINE & HARTZELL PROPELLER ASSOCIATED PARTS & COMPONENTS WERE REMOVED.		
TS10L-550-A & S/N 6X HARTZELL PROPELLER INSTALLED, WITH ASSOCIATED PARTS & FIREWALL,	<i>W. A. L.</i>	PAC URB EXP. SHOP
INSPECTED & FOUND TO BE AIR- TAL FLIGHT.		
I HAVE INSPECTED THIS AIRCRAFT AND HAVE DETERMINED IT TO BE AIRWORTHY FOR EXPERIMENTAL FLIGHT PURPOSES		
<i>Jack E. Jordan</i> SEP 30 1988		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	431.9	431.9	
13 Oct 88		442.0	442.0	NOSE GEAR COLLAPSED
				ENGINE MOUNT, L&R SIDE
				DOOR FRAME, NOSE GEAR
				BWC-CZYF - 10R S/N AM 2898
Total To Carry Forward				

and Remarks

I CERTIFY THAT
HAS BEEN INSPECTION
A SPECIAL AIRWORK
DATED 9/30

I/A/W FA

D. H. J. [Signature]

ON LANDING

C/WL NOSE GEAR

STEERING ARM

DUE TO DAMAGE

Registration No. _____

Maintenance

and Remarks

Signature

I CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED AND ISSUED
A SPECIAL AIRWORTHINESS/CERTIFICATE
DATED 9/30/88

1/A/W FAR 21.191 Per 21.275

W H J FAA DOA SO-1

GEAR COLLAPSED

W MOUNT, L&R SIDE

FRAME, NOSE GEAR

ZYF - 182 S/N AM 2898

ON LANDING ROLL OUT. REMOVED

COWL NOSE GEAR DOORS, NOSE GEAR

STEERING ARM & PROPELLER MOD#

DUE TO DAMAGE.

W H J

PAC URB

EXPERIMENTAL

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3 Nov 88	Brought Forward →	442.0	442.0	C/W PIPER 8/B 894 MECHANISM REPLACEMENT INSTALLED P/N 83699-14
1 Dec 88			442.0	INSTALLED CONTINENTAL HARTZEL PROPELLER REPLACED ENGINE MOUNT GEAR DOORS, NOSE GEAR WITH SERVICEABLE
JUL 10 1989		446.3	446.3	I HAVE INSPECTED THIS AIRCRAFT AND HAVE DETERMINED IT TO BE AIRWORTH FOR EXPERIMENTAL FLIGHT PURPOSES
Total To Carry Forward				<i>Gerald H. Christ</i>

and Remarks

NOSE GEAR EMERGENCY
REMOVED P/N 83699-14
ENGINE TS10L-5
BMC-CZYF-1BF-5
AIR LOWER COLL
DOOR FRAME, 5
PARTS

Registration No. _____

Maintenance

REPORT 18/8894

ADISM REPLACEMENT

ALLIED P/N 83699-14

ALLIED CONTINENTAL

2000 PROPELLER

2000 ENGINE MOUNT

DOORS, NOSE GEAR

SERVICEABLE

INSPECTED THIS AIRCRAFT AND
 DETERMINED IT TO BE AIRWORTH
 FOR EXPERIMENTAL FLIGHT PURPOSES

[Signature]

and Remarks	Signature	Certificate No.
NOSE GEAR EMERGENCY DOWNSPRING REMOVED P/N 83699-04 TUBE ASSY, <i>[Signature]</i>		PAC URB RAD Shop
ENGINE TS10L-550A S/N 6X & BHC-CZYF-1BF. S/N AM 2890		
LAR LOWER COWLS, LAR NOSE DOOR FRAME, STEERING ARM		
PARTS		
	<i>[Signature]</i>	A & P 26601556

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-7-89	Brought Forward →		I certify this transponder (make).....King (model).....KT 79A (S/N).....3512 has been tested as required by FAR 91.172 and found to comply with FAR 43, App F. Signed <u>Joe Hend</u> Date <u>9-7-89</u> SOUTHERN AVIONICS AND COMMUNICATIONS, INC. P. O. BOX 8922 - BATES FIELD MOBILE, ALA. 36608 RS 702-101	
			I certify this transponder (make).....King (model).....KT 79A (S/N).....3480 has been tested as required by FAR 91.172 and found to comply with FAR 43, App F. Signed <u>Joe Hend</u> Date <u>9-7-89</u> SOUTHERN AVIONICS AND COMMUNICATIONS, INC. P. O. BOX 8922 - BATES FIELD MOBILE, ALA. 36608 RS 702-101	
Total To Carry Forward			I certify that transponder/automatic pressure altitude reporting system has been tested as required by FAR 91.171/91.172 and found to comply with FAR 43, App. E, Par C. DATE <u>9-7-89</u> SIGNATURE <u>Joe Hend</u>	

and Remarks

10-3-89 A

removed in

Sealed two

wall-Reins

placed vac

عن Avionic

replaced by

in engine co

upper main

wing butt fa

from re-rig.

Maintenance

and Remarks

Registration No.

ERN

M

**Southern Avionics
& Communications, Inc.**

AIRCRAFT ELECTRONICS

East Ramp Bates Field
(205) 633-4439

P.O. Box 8922
Mobile, AL 36608

RS 702-101

MAINTENANCE RELEASE

This Component was repaired and inspected in accordance with current Federal Aviation regulations and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under Work Order 41714

Date 9-6-89

Unit Altimeter

Mfg. King

Model KEA-130A

S/N 1533

Owner

N# 9127Z

Tech.

Insp. By

Joe Hand

10-3-89 A/c HR5450.5

ALT. S/N

15

SCALE CORRE

ALTIM

-1000

0

500

1000

1500

2000

3000

4000

6000

8000

10000

removed in order to return

Sealed two openings in fuel

wall. Reinstalled original T

placed vacuum regulator f

ern Avionics, Inc. Performed

Replaced both main tires, Rep

in engine cowling. Replaced Lt

upper main gear scissors ears

wing butt fairings. Replaced Lt

trim re-rigged to meet manufacturers specs

King
7512
01,172 and found

9-7-89
COMMUNICATIONS, INC.
BATES FIELD
36608

King
3480
01,172 and found

9-7-89
COMMUNICATIONS, INC.
BATES FIELD
36608

Automatic pressure
has been tested as
172 and found to
be, Par C.

SERVIC

SOUTHERN AVIATION
P.O. Box 8922
MOBILE, AL 36608

Maintenance

Registration No. _____

and Remarks

ERN AVIONICS & COMMUNICATIONS, INC.
P.O. Box 8922
East Ramp Bates Field
Mobile, AL 36608 (205) 633-4439

ALT. S/N 1533 DATE 9-8-89

SCALE CORRECTIONS:

TESTED BY St

ALTITUDE READS		ALTITUDE READS	
-1000	- 1000	12000	11970
0	- 10	14000	13970
500	480	16000	15960
1000	980	18000	17970
1500	1490	20000	19950
2000	1980	25000	X
3000	2990	30000	
4000	3980	35000	
6000	6000	40000	
8000	7980	45000	
10000	10000	50000	

10-3-89 A/c HRS 450.5. A
removed in order to return
Sealed two openings in fuel
wall. Reinstalled original T
placed vacuum regulator f
ern Avionics, Inc. Performed
Replaced both main tires. Rep
in engine cowling. Replaced Lt su
upper main gear scissors ears
wing butt fairings. Replaced Lt r
trim re-rigged to meet manufacturers specs.

small wingtip strobe lens. Elevator
Heat exchanger and tube (valve)
Cont -

King
3512
by FAR 91.172 and found
Date 9-7-89
AND COMMUNICATIONS, INC.
8022 - BATES FIELD
ALE, ALA, 36608
HS 702-101

King
3480
by FAR 91.172 and found
Date 9-7-89
AND COMMUNICATIONS, INC.
8022 - BATES FIELD
ALE, ALA, 36608
HS 702-101

ponder/automatic pressure
system has been tested as
171/91.172 and found to
App. E, Par C.

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

10-3-89 A/C HRS 450.5. All previously installed test equipment removed in order to return aircraft to standard configuration. Sealed two openings in fwd cabin bulk head and one in right fire wall. Reinstalled original TIT gage with new harness and probe. Replaced vacuum regulator filters (2). Altimeter recertified by Southern Avionics, Inc. Performed Pitot-Static leak test ¹⁷¹ per FAR 91.127. Replaced both main tires. Replaced several missing receptacles and fasteners in engine cowling. Replaced Lt survivor. Replaced bolts and bushings in upper main gear scissors ears. Replaced numerous rivets in Lt and Rt wing butt fairings. Replaced Lt rear small wing tip strobe lens. Elevator trim re-rigged to meet manufacturers specs. Heat exchanger and tube (valve)

— Cont —

1500629AP & 1A

(make) KING
(type) 3512
checked by FAR 91.172 and found
App. F.
Date 9-7-89
AND COMMUNICATIONS, INC.
8922 - BATES FIELD
BILE, ALA. 36608
HB 702-101
(make) KING
(type) 3480
checked by FAR 91.172 and found
App. F.
Date 9-7-89
AND COMMUNICATIONS, INC.
8922 - BATES FIELD
BILE, ALA. 36608
HB 702-101
ponder/automatic pressure
system has been tested as
171/91.172 and found to
be App. E, Par C.
89
e. Hand

REPLACE ELT BATTERY BY:

MAY 08 1990

AIRCRAFT LOG

		Time	Recorder Reading	Maintenance
		Total		
10-3-89	Brought Forward →			in bleed air system replaced to conform with
				manufacturers specs. Also lever bracket and control link
				Rigging on heat exchanger checked and rigged. Air condit-
				ion compressor and line fwd of fire wall replaced. System
				serviced. Ignition vibrator system removed to conform
				to manufacturer specs. Cylinder head wiring reinstalled
				with new probe to conform to manufacturers specs.
				Nose gear friction roller, spring and washers and bolt
				replaced. Charged battery. Replaced ELT battery.
				C/W AD 88-25-08 (S/B 892) by incorporating new nose landing
Total To Carry Forward				gear doors, relocating with proper vents, re-
				Cont

and Remarks

locating
stalling pa
C/W S/B 862
new pump
removed a
See engine
saftering a
89-18-08.
has been
terminated

Registration No. _____

Maintenance

replaced to conform with
bracket and control links
and rigged. Air condit-
fire wall replaced. System
removed to conform
head wiring reinstalled
manufacturers specs.
ing and washers and bolt
placed ERT battery.
operating new nose landing
with proper vents, re-
Cont

and Remarks

Signature

Certificate No.

locating CHT probe, modifying eng baffles. C/W S/B 1004 by in-
stalling pads on main landing gear doors and adjusting switches.
C/W S/B 862A by replacing flap actuator tube. Installed new no2 vac-
uum pump. Installed new no2 Alternator. Engine TS10-550A S/N 6X
removed and replaced with Factory New TS10-520-BE1B engine.
See engine log for details. Propeller reinstalled. C/W S/B 884
saftering of Turbo V-Band clamps. Checked all AD notes thru
89-18-08. none others apply. I certify that this Aircraft
has been inspected ip/w an annual inspection and was de-
termined to be in an air worthy condition.

William L. Walker
156629AP&IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-3-89	Brought Forward →	450.5	450.5	A/c data plate removed to facilitate painting. Plate must be reinstalled after painting.
				William L. Walker
				1561629 AP&IA
10-4-89		450.5	450.5	A/c weighed in w/ with manufacturer's specs. Computed Weight & Balance as follows E.W 2837 C.G 135.2 Moment 383460.0 use fuel load 1281 lbs.
Total To Carry Forward				William L. Walker 1561629 AP&IA

and Remarks

10-5-89
I have
a stan
airworth

Registration No. _____

Maintenance

data plate removed
must be reinstalled

William L. Walker
1561629AP&IA

weighed jaxo with
rated weight & Balance
2 Moment 383460.0

William L. Walker
1561629AP&IA

and Remarks

10-5-89

I have inspected this aircraft and issued
a Standard Normal Certificate of
airworthiness dated 10-5-89

John V. Moeller

CESS/ Mob MISO

Signature

Certificate No.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
10-6-89		451.5		THIS AIRCRAFT HAS BEEN TEST FLOWN AND IS APPROVED FOR RETURN TO SERVICE
				PILOT NUMBER #433-74-7385
				Craig A. Bennett
Total To Carry Forward				

and Remarks

10/13/89 A/C
 installed
 manifold
 repaired on
 M.C.

10/24/89 A/C
 pressure su
 A.K. —

Maintenance

THIS AIRCRAFT HAS
BEEN TEST FLOWN AND
IS APPROVED FOR
RETURN TO SERVICE
#433-74-7385

W. J. Aboumar

Registration No. _____

and Remarks	Signature	Certificate No.
10/13/89 A/C Time 456.6 Installed data plate. Replaced static wicks. Installed manifold pressure/fuel flow gauge with serviceable unit. Unit repaired and checked by Capital Aviation Corp. R.S. 162-10 M.C. Lindsay AIP 42272340001		
10/24/89 A/C Time 457.2 Replaced forward landing gear pressure switch on power pack with new unit. Ops checked O.K. _____ M.C. Lindsay AIP 42272340001		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10/27/89	Brought Forward →	469.8		Replaced cabin pressurization gage. Complied with Piper Service bulletin 971 by inspection for cracks and installation of doublers per instructions in service bulletin. Complied with Piper Service bulletin 921 by inspection for cracks at aileron balance weight attach screws and by installation of doubler per instruction in service bulletin.
				M. C. Lindsay AIP 4221234 WFL
Total To Carry Forward				

and Remarks

11-9-89 HM 476
dated 8-25-89
per steps (1-10)
VSP #89 HART
ATTN: HART
PN 82 780-02
Nov 27, 1989
hours TIME.

Registration No. N 9127Z

Maintenance
Replaced cabin Complied with Piper by inspection for cracks adheres per instructions in Complied with Piper Service ction for cracks at ight attach screws and boulder per instructions
AIP4 227234 WEL

and Remarks	Signature	Certificate No.
11-9-89 HM 476.3 hrs CIW Piper SL #1006 fuel line insp dated 8-25-89 By installation of sleeve PN 63913-199 per steps (1-10) no further action required. CIW Piper VSP #89 Hartzell SB #157 spinner insp. NO defects noted at this time. Installed new cabin entrance door seal PN 82 780-02. Installed one new static wick on elevator Kennel Styrach Inc CR#121-40 wo 1287, 1288 and 1289		
Nov 27, 1989 Replaced Induction Air Filter THIS DATE AND 4823 hours TIME. Replaced with Factory New. <i>D. Welch</i>		

WIGGINS AIRWAYS REPAIR STATION 121
NORWOOD, MASS.

Insight

Insight Instrument Corporation

A. I. 99

Date	This Date
12/20/89	Brought Forward
	Install

one Insight GE

done IAW manufacturing

Sections of FAR 43.13-1A and 2A. added (completed) Form's 337, w+B

and STC. for Above installation to AIC Records Ref. WO# 00466

New ACEW = 2840.05

ACCG = 135.26

ACMOM = 384146.6

Total To
Carry Forward

NOMENCLATURE GRAPHIC ENGINE MONITOR
PART No. 1361 MODEL or TYPE 603-6
MAKE INSIGHT
SERIAL No. 004013
NEW ☒ OVERHAULED ☐ REPAIRED ☐ BENCHCHECK ☐
PREVIOUS CERTIFICATION

The material, part, or component identified hereon has been inspected and tested, and is certified airworthy.

DATE 10/17/89

Inspector's Signature Stamp

3
Insight

SERVICEABLE

and Remarks

11/10/90 S

R&R

— ENI

Griffin Avionics Inc.
BARNSTABLE MUNICIPAL AIRPORT
HYANNIS, MASS. 02601
CRS - 113 - 8

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/20/89	Brought Forward →			
	Installed on this date one Argus 5000 moving map, one Insight GEM, and one Sigtronics SPA-600 intercom. Installation done IAW manufacturers install instructions and ICW. current Applicable sections of FAR 43.13-1A and 2A. added (completed) forms 337, w+B and STC. For Above installation to AC Records Ref. WO# 00466 by Robert [Signature]			
	NEW ACEW = 2840.05		for	
	ACCG = 135.26			
	ACMM = 384146.6			
				Griffin Avionics Inc. BARNSTABLE MUNICIPAL AIRPORT HYANNIS, MASS. 02601 CRS - 113 - 8
Total To Carry Forward				

Registr

and Remarks

1/10/90 Serviced
R&R O.A.T. w
— END — R&

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1/10/89	Brought Forward →			
Installed Shadin Miniflo panel unit S/N 5041, Per install instructions and Per STC* SA824GL issued 9/17/84. W+B Form 337 completed and add to A/c records along w/ S.F.M. Install completed Per Shadin Report 4067 dated 6/20/84, no revisions, or subsequent FAA approved Revision.				
Total To Carry Forward				

for Griffin Avionics Inc.
 by [Signature]
 INSTABLE MUNICIPALITY
 MYANNIS, MASS.
 FAA REPAIR STATION
 1138

and Remarks

1/15/90 4666
 Lower Wing
 Connections &
 Back Mechanism
 Line, Repair
 Door operation

Maintenance

on Miraflo panel
 instructions and per
 Form 337 completed
 S.F.M. Install completed
 84, no revisions, or

Griffin Avionics Inc.
 INSTABLE MUNICIPAL DR
 MYANNIS, MASS.
 FAA REPAIR STATION
 #1138

Robert Griffin

Registration No.

N9127Z

and Remarks

Signature

Certificate No.

1/15/90 H665515.8, C/W S.B. 196A By MBO. to L&R
 Lower Wing skins for instructions, cleaned hatch
 connections & ops checked OK, repaired 4mmole seam
 back mechanism, seated B-Nut & nut actuator down
 line, repaired riblets L&R door wells, repaired lower
 door operation checked battery.

PIPER AIRCRAFT CORPORATION

VERO BEACH, FLORIDA DIVISION

MANUFACTURER'S MAINTENANCE FACILITY #321-10

DATE 1/15/90

Model PA-46-300P S/N 4608059 N 9127Z

The aircraft identified above is approved for return to service.

Pertinent details of Customer Acceptance items/Maintenance

are on file at this facility under Work Order No.

Authorized Representative

922097
 [Signature]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
18 Jan 89	Brought Forward →	Hobbs 518.1		
		Installed New		
		LiFT Detector		
		P/N 548-745	SIN 749	
		Michael E. Whitham	AMO 262110175	
01-22-90	HM 527.0	HOBBBS		
		C/o Piper 516 917	Coopet Runner Retainer	Dated August 9 1989
		By installation of runner Retainer	per Piper K.T. #765-269	Steps 1-7
		Installed oxygen generator + mask Assembly	P/N 83985-801	under
		RH AFT Facing seat per Factory Installation.	Installed new nose	
		Baggage over Head Liner P/N 85037-803.	Installed new OAT	
	Total To			
	Carry Forward		gage P/N 87702-5	Functionally tested
				next page

and Remarks

LiFT a/c

Forward to

2/21/90 S

R&R

Lubed +

FWB

22/90

9.0 Hobbs

Tag in rear. —

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

ETS Detector

W 749

AD 862110175

Under Dated August 9 1989

V.T. #765-269 Steps 1-7.

P/N 83985-801 under

Installed new nose

Installed new OAT

Functionally tested
next page

Light all checks Satisfactory W.O. 1402

Leased to Palm III Skytech Inc. CR \$ 121-48

2/21/90 545.6 Hobbs Removed, cleaned, & inspected air filter.

R&R all brake linings with #66-62. CK'd all lights.

Lubed flight controls. Hyd. reservoir VOK. Serviced tires. -END-

RW Blunda A&P 33488145 CRS 113-8 GAI. Battery V'd OK.

3/22/90 R&R A/C Battery with new G 243.

549.0 Hobbs Ops. VOK. -END- RW Blunda

Tag in rear. - CRS 113-8

A&P 33488145

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-27-90	Brought Forward →	HM 553.8 hrs A/c total time 553.8 hrs		
	Removed propeller model BHC-C24F-1BF SN AM 2890. Installed			
	Factory new propeller model BHC-C24F-1BF SN AM 3019			
	using new mounting cring on this aircraft PA46-310P N9121			
	Runup + leak checks are satisfactory.			
	Kessel WO 1402			
	END			
3-27-90		TT 553.8 HR		
	COMPLIED WITH INSTALLATION BULLETIN #297			
	I.A.W. KING INSTALL BULLETIN #297			
Total To Carry Forward		Actual/Wagon WO 1617		

SKY TECH, INC.
G.L.M. STATE AIRPORT
REPAIR STATION #121-48
BALTIMORE, MD. 21220

SKY TECH, INC.
G.L.M. STATE AIRPORT
REPAIR STATION #121-48
BALTIMORE, MD. 21220

and Remarks

06/09/90 Com
air

7/2/90 617.2
Serv

Registration No. _____

Maintenance
total time 553.8 hrs
24F SN AM 2890. Installed
24F-1BF SN AM 3019
aircraft PA46-310P N9122
SKY TECH, INC. G.L.M. STATE AIRPORT REPAIR STATION #121-48 BALTIMORE, MD. 21220
BULLETIN #297
ETW #297
617
SKY TECH, INC. G.L.M. STATE AIRPORT REPAIR STATION #121-4 BALTIMORE, MD 21220

and Remarks	Signature	Certificate No.
05/09/90 Completed 50hr insp, Visual insp of aircraft no defects noted. Peter Dussan		
	GN1R172K	
7/2/90 617.2 C/W general Inspection of A/C. Serviced Battery. -END- R. Rhoads		
	Griffin Aviation Services a div. of Griffin Avionics Inc. Barnstable Municipal Airport. Hyannis, Ma 02601 CRS - GN1R172K	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7/14/90	Brought Forward →	^{Hobbs} 626.6	ON THIS DATE REMOVED & REP	
			- LACED ELT BATTERY WITH NEW	
			DATED AUG. '92 . Ref WO# 01834	
			By: <i>James Griffin</i>	
			for, <i>Griffin Avionics Inc.</i>	
			BARNSTABLE MUNICIPAL AIRPORT	
			HYANNIS, MASS. 02601	
			CRS - GN1R172K	
7-25-90		^{Hobbs} 633.2	- On this date installed owner	
			supplied Artificial Horizon in	
			Copilots position. Model # RCA-2215	
Total To Carry Forward			Ser # off 870058 Model # on 060001700 S.N. on 70051	

and Remarks

Modified in
New instrum
Griffin

Barn

On this date
passenger se
seat arm res
for static port
inbd. rib a
of flaps.

Registration No. _____

Maintenance

REMOVED & REP
ERY WITH NEW
01834
Giff

Avionics Inc.
MUNICIPAL AIRPORT
18, MASS. 02601
- GN1R172K

talled owner
Horizon in

Model # R.A. 22-15
001700 S.N. ON 7005

and Remarks

Signature

Certificate No.

Modified instrument panel to accept
New instrument and wired in lights.

Griffin Aviation Services
a div. of
Griffin Avionics Inc.
Barnstable Municipal Airport
Hyannis, Ma 02601
CRS - GN1R172K

Tuffy Giff

2072161

On this date, 7-25-90, Hobbs 633-2, Replaced left rear
passenger seat retract actuator, repaired left-fwd passenger
seat armrest lock, serviced & recharged battery, install placards
for static ports, and fuel caps. Removed & replaced Rt. wing
inbd. rib assembly aft of fwd spar. Adjusted rigging
of flaps. CRS checked good. Repainted. Tuffy Giff 2072161

Griffin Aviation Services

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-16-90	Brought Forward → ^{#Hrs}	640.1	—	On this date, serviced tires & checked brakes, cleaned fuel filter, serviced battery. Visually inspected airframe; checked lights & horns; lubricated flight controls. R&R Pilot's Artificial Horizon.
				Model # on 860-007-00
				Serial # on 8246
				Tyler Dyer 207261
Total To Carry Forward				

Maintenance

te, serviced tires
akes, cleaned fuel
iced battery. Visually
irhome, checked
ns, lubricated
els. R&P'd
tificial Horizon.
060-0017-00
8246

by Jgi 2072161

and Remarks

Entire
copilot's
Model
Model
this is

Swapped from pilots side. Also Service

Tires, battery, & checked brakes. —

Hobbs 670.7

by Jgi 2072161

MAINTENANCE RELEASE

COMPONENT HRI SERIAL NO. 8246
PART/MODEL NO: 060-0017-00 MFG. RG

☒ Overhaul ☐ Repair ☐ Bench Ck & Test ☐ New

The Aircraft Appliance identified above was overhauled, repaired, bench tested, or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this repair station under

Work Order # F5934

Authorized Signature John F. Borishie

Date 8-6-90

Griffin Aviation Services

a div. of

Griffin Avionics Inc.

Barnstable Municipal Airport

Hyannis, Ma 02601

CPS - GN1R172K

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
date, serviced tires brakes, cleaned fuel serviced battery. Visually checked airframe, checked horns, lubricated controls, R&P'd Artificial Horizon. on 060-0017-00 on 8246 Jeffrey Dyer 2072161	On this date, removed and replaced copilot's Artificial Horizon. — Model #FF 060-0017-00 Ser #FF 8246 Model #on 060-0017-00 Ser #on 8689 This instrument had been previously swapped from pilots side. Also Service Tires, battery, & checked brakes. —	Hobbs 670.7 Jeffrey Dyer	2072161
Griffin Aviation Services a div. of Griffin Avionics Inc. Barnstable Municipal Airport Hyannis, Ma 02601 CRS - GN1R172K			

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8/30/90	Brought Forward →	670.0	R&R	Nose gear assy.
				P/N 89500-512 Complete with new emergency assist rod end assy, bushings & hardware.
CRS#				Performed gear swing, Both emerg. & ele. Ops ✓ OK.
GNIR172K				— END — R&R Linda A#133488145
09/9/90	670.0	c/w Piper	S/B 943.0	Landing Gear
				Locking Actuator End Gland Replacement. c/w
				gear operational check normal & emergency
				no defects noted. Peter P. Boussemant
Total To Carry Forward				GNIR172K

and Remarks

09/18/90 6

9/26/90 6

R&R

P/N 164-21

Linings with

— END —

Registration No. 9127Z

Maintenance

gear assy.
new emergency
hardware.
eng. & elec. ops ✓ OK.
P33488145

Landing Gear
Replacement. C/W
normal & emergency
P. Boissonneault
P172K

and Remarks

Signature

Certificate No.

09/18/90 678.0 Removed and replaced left and
right main gear tires. Cleaned and inspected
wheels, repacked wheel bearings.

Peter R. Boissonneault
GN1 R172K

9/26/90 678.0

R&R brake disc with
P/W 164-21600. R&R 8 brake
linings with 66-62. Age Mastered deice boots.
— END — RWR Rhoda A&P33488145

Griffin Aviation Services

a div. of
Griffin Avionics Inc.
Barnstable Municipal Airport
Hyannis, Ma 02601
CRS - GN1R172K

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
10/30/90	Complied with King Installation Bulletin #312 ON KFC150.			
	Ref. W.O# 02484			
			signature John Slusky	
			FOR:	
				Griffin Avionics Inc.
				BARNSTABLE MUNICIPAL AIRPORT
				HYANNIS, MASS. 02601
				CRS - GN1R172K
Total To Carry Forward				

and Remarks

11/9/90 70
 Pper ✓ list
 Freedom of
 Charged & re
 # 944 Tail
 MOD #8817
 in wheel w
 R&R Rivets
 find nav lig
 both flap ce
 links & refor

Registration No. N9127Z

ing Installation
KFC150.

Shushy

Triffin Avionics Inc.
WINSTABLE MUNICIPAL AIRPORT
HYANNIS, MASS. 02601
CRS - GN1R172K

Maintenance	and Remarks	Signature	Certificate No.
	11/9/90 704.0 TACH Performed 100 hr. inspection IAW Piper ✓ list. Lubed all flight controls & ✓'ed for freedom of movement, travel & security. Serviced battery Charged & reinstalled. Serviced Hyd. reservoirs. C/W S.B. # 944 Tail rivets. Cleaned & treated deice boots. C/W Piper MOD #88179 (kit #766-247) installed doublers as required in wheel wells, center ribs. Resealed Rt. MLG strut & serviced. R&R Rivets working on lower wing butt fillets. R&R L/H fuel nav light. R&R Rt. MLG Act. line with new. Shimmed both flap center bellcranks. Re bushed both gear upper torque links & retorqued all hardware. R&R Hyd. down pressure swt. R&R made CRS GN1R172K		
			Cont →

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →		11/9/90	Tach 704.0
			Total time 704.0	
			I certify this <u>Airframe</u> has been inspected in accordance with a <u>Annual</u> inspection & was determined to be in airworthy condition.	
	Griffin Aviation Services a div. of Griffin Avionics Inc. Barnstable Municipal Airport Hyannis, Ma 02601 CRS - GNIR172K		Signature <u>Rudolph</u>	
			No. <u>CRSGNIR172K</u>	
	All A.D. Notes ✓ ed thru latest issue.		Annual due 11/91	
	<u>Rudolph</u> Total To Carry Forward		FAR 91.171 due 9/91	
			FAR 91.172 due 9/91	
			ELT battery due 8/92	

and Remarks

11/27/90 TACK 711

2-15-91 MM 7

Enbd Wing R

1/4 Rib 831

Re rigged

serviced bar

drawer, nee

to L+R CABIN

Registration No. 9127Z

Maintenance

Tach 704.0

has been inspected in

Inspection & was

In airworthy condition.

GNIR172K

and Remarks

Signature

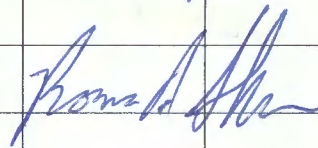
Certificate No.

11/27/90 TACK 711.0 Replaced Copilots shoulder harness
with new unit P/N 452-679.
Ref W/O 02618 Peter R. Boussemmeault
GNIR172K

2-15-91 MM 747.0 hrs C/W Pipe SB 948 ^{PTS 12+3}
Inbd Wing Rib Insp, MOD + Replacement by Replacing ^(25 JAN 1991)
L/H Rib 83124-802 + installing brackets 84538-2+-3,
Re rigged Nose Bag door ajar switch as needed,
serviced battery, corrected bind of copilot Oxygen
drawer, new bushings installed at GAS chamber attach
to L+R CABIN MIDDLE seat Backs P/N 82695075, serviced.
Continued →

cont. from
last page

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward			
	Hyd reseal w/5606, L+R flap inbd Bellcrank bushings reamed as needed to prevent binding, flap system functional checks are satisfactory w/o 3403, A/C Run up checks satisfactory			
	 SKYTECH, INC. MARTIN STATE AIRPORT REPAIR STATION #LF1R294K BALTIMORE, MD 21220			
2/20/91	750 Habbbs R&R A/c battery w/G243 Ser.# G1047398, Ops OK. C/W 50 hr. Safety ✓. Lubed all controls, serviced tires & ✓ed Hydraulics. Jacked A/c. →			
Total To Carry Forward				

and Remarks

Cycled gear
NLG Actuator
Owner R&R spin
✓ed all lights

3-21-91 Hm 759.5
fairings upper and
fit and paint

→

Registration No. _____

Maintenance

Flap inbd Bellcrank
prevent binding,
are satisfactory
satisfactory

SKYTECH, INC.
TIN STATE AIRPORT
R STATION #LF1B294K
TIMORE, MD 21220

LFIR294K

battery w/G243
C/W 50 hr.
controls, serviced tires
Jacked A/c. →
CONT.

and Remarks

Signature

Certificate No.

Cycled gear through several times. Retorqued
NLG Actuator hyd. line "B" nuts. Dressed & painted prop.
Owner R&R spinner. ✓'ed tires & brakes, serviced tires.
✓'ed all lights. — END — Rukh de CRS-GNIR172K

3-21-91 HM 759.5 hrs Installed new LH wing root
fairings upper and lower units, trimmed both units to
fit and painted to match aircraft colors. —

James Skytech Inc LFIR294K WO 3436

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
04-06-91	Brought Forward →	763.4	C/W AD 91-07-08 R1 by	
			installing placards as required under Part(a)	
			& Part(b). Installed cover over Vertical speed	
			and altitude selection control panel per	
			special FAA approval dated 04-05-91. From	
			John Tighe Atlanta office. Copy of AD	
			inserted into Section 2 of P.O.H. Peter R Broussard	
			GNI R172K	
			Griffin Aviation Serv,	
			Hyannis, Ma 02601	
Total To Carry Forward				

8/30/91 819
R&R br
Caliper wi
R&R GEN
Lubricated
Rt. wing r
hydraulic
R&R B

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
D 91-07-08 RI by required under Part (a.) over over Vertical speed control panel per dated 04-05-91. From FFice. Copy of AD of P.O.H. Peter R. Brown GNI R172K Griffin Aviation Serv. Hyannis, Ma 02601	8/30/91 819.0 Hobbs C/W 50 hr safety check. R&R brake linings with new #66-62. Rebuilt L/H brake caliper with new O ring, Bled. Rotated L/H M&G tire. R&R GEM TIT probe. C/W S.B. #871-B Part II tach. Lubricated all flight controls. R&R gasket for Rt. wing nav. light cover. Serviced battery, tires & hydraulics. ✓'ed all lights & horn. — END — R. R. Blunda CRS-GNIR172K		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Altimeter mfg. by <u>KWG</u> Model <u>SEA-130A</u> s/n <u>153</u> has been certified by <u>John G. Bentley</u> on <u>10/17/91</u> to an altitude of <u>35,000</u> feet, static sys. inspection and test performed by <u>John G. Bentley</u> Reference W.O. # <u>04428</u> and meets requirements of FAR 91.411 Insp. <u>John G. Bentley</u> for GRIFFIN AVIONICS, INC. Hyannis, MA 02601. FAA REPAIR STATION GN1R172K			Altimeter mfg. by <u>UNION INST.</u> Model <u>584PAD-1</u> s/n <u>0E659</u> has been certified by <u>John G. Bentley</u> on <u>10/17/91</u> to an altitude of <u>35,000</u> feet, static sys. inspection and test performed by <u>John G. Bentley</u> Reference W.O. # <u>04428</u> and meets requirements of FAR 91.411 Insp. <u>John G. Bentley</u> for GRIFFIN AVIONICS, INC. Hyannis, MA 02601. FAA REPAIR STATION GN1R172K	
Transponder mfg. by <u>KWG</u> Model # <u>KT-79 #1</u> s/n <u>3180</u> has been tested and inspected and found to comply with FAR 91.413 WO # <u>04428</u> by <u>John G. Bentley</u> for GRIFFIN AVIONICS, INC. Hyannis, MA 02601. FAA Repair Station GN1R172K Date <u>10/17/91</u>			Transponder mfg. by <u>KWG</u> Model # <u>KT-79 #2</u> s/n <u>3182</u> has been tested and inspected and found to comply with FAR 91.413 WO # <u>04428</u> by <u>John G. Bentley</u> for GRIFFIN AVIONICS, INC. Hyannis, MA 02601. FAA Repair Station GN1R172K Date <u>10/17/91</u>	
Total To Carry Forward				

and Remarks

11-21-91 Par
 SOFT-MEL
 5000-10-0
 12-6-91-Hobbs
 inspection of
 lubricated
 wheel bearings
 reservoir. Sen
 regulator filter
 wide tube

Date 10/17/91
 Total To
 Carry Forward
 Transponder m/c 2768 u/s 2768
 Model # 67038
 has been tested and inspected and

ALTIMETER TEST CARD

Model No. UNITED INST. Date 10/17/91
 Serial No. 0E659 Part # 5334PAD-1

SCALE ERROR

Altitude (Feet)	Tolerance (± Feet)	Altitude (Feet)	Tolerance (± Feet)
-1,000	0 20	14,000	-50 100
0	-10 20	16,000	-40 110
500	-20 20	18,000	-10 120
1,000	-10 20	20,000	-20 130
1,500	-10 25	22,000	-40 140
2,000	-20 30	25,000	-40 155
3,000	-20 30	30,000	-30 180
4,000	-20 35	35,000	+90 205
6,000	-20 40	40,000	230
8,000	-20 60	45,000	255
10,000	-30 80	50,000	280
12,000	-20 90		

Tolerance
(± Feet)

Case Leak Test -20 100
 Hysteresis Test:
 First Test Point
 (50% of Max. Altitude) -30 75
 Second Test Point
 (40% of Max. Altitude) 0 75
 After Effect Test 0 30

GRIFFIN AVIONICS, INC.
 Hyannis, Mass.
 F A A Repair Station #113-8

Date

Aircraft Time

Recorder

AIRCRAFT LOG

and Remarks

11-21-91
 5000-10-
 12-6-91-4000
 inspection of
 lubricated
 wheel bearing
 secured. In
 regulator fit
 wide tube

ALTIMETER TEST CARD

Model No. KING Date 10/7/91
 Serial No. 1533 Part # 10A-130A

SCALE ERROR

SCALE ERROR					
Altitude (Feet)		Tolerance (± Feet)		Altitude (Feet)	
-1,000	0	20		14,000	-40 100
0	-10	20		16,000	-40 110
500	-10	20		18,000	-40 120
1,000	-20	20		20,000	-50 130
1,500	-10	25		22,000	-70 140
2,000	0	30		25,000	-100 155
3,000	0	30		30,000	-150 180
4,000	-20	35		35,000	-100 205
6,000	-30	40		40,000	230
8,000	-30	60		45,000	255
10,000	-20	80		50,000	280
12,000	-20	90			

Tolerance
(± Feet)
-30 100

Case Leak Test

Hysteresis Test:

First Test Point

(50% of Max. Altitude) +40 75

Second Test Point

(40% of Max. Altitude) +10 75

After Effect Test -10 30

GRIFFIN AVIONICS, INC.

Hyannis, Mass.

F A A Repair Station #113-8

Total To
Carry Forward

Transponder mfg. by Garmin
 Model # GT-22 s/n 8772
 has been tested and inspected and
 found to be OK

Date

This Date

Aircraft Time

Recorder

AIRCRAFT LOG

ance

and Remarks

Rel

11-21-91
 5000-10-07
 126-91-46665 86
 inspection of air
 lubricated all
 wheel bearings. 3
 reservoir. 3
 regulator filters.
 Guide tube split

Tolerance
(± Feet)
-20 100

Case Leak Test
Hysteresis Test:
First Test Point
(50% of Max. Altitude) 30 75
Second Test Point
(40% of Max. Altitude) 0 75
After Effect Test 0 30

GRIFFIN AVIONICS, INC.

Hyannis, Mass.

F A A Repair Station #113-8

Transponder mfg. by
Model # 579
has been tested and
found to comply with FAR 91.413
by 82728
WO # 64428
GRIFFIN AVIONICS, INC. Hyannis, M.
02601 FAA Repair Station G113172K

Registration No. _____

and Remarks	Signature	Certificate No.
11-21-91 PERFORMED ARGUS 5000 SOFTWARE UPDATE PROVIDED BY MFG 5000-10-07 REMSION 3.00	SLH 1199 <i>[Signature]</i>	GM10472K
12-6-91 Hobbs 862.9 - On this date complied with 100 hr. inspection of airframe as per piper inspection checklist. lubricated all flight controls. Greased landing gear and wheel bearings. Serviced tires & brake fluid & landing gear hydraulic reservoir. Serviced and changed battery. R&R'd central and vacuum regulator filters. Complied with S.B. #953 elevator trim cable guide tube splice. Applied non-conductive cement to all		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
				pneumatic boot edges. Seals splits in wick. Repainted both fuel caps. Applied chafte material. Replaced pneumatic boot main press. line. Replaced many corroded. Replaced nose gear door upper control rod end & left gear door with belly water drains. A/c released for service in air
				Jeffrey C. Gini 2072161
				Griffin Aviation Services a div. of Griffin Avionics Inc. Barnstable Municipal Airport Hyannis, Ma 02601 CRS - GNI172K
Total To Carry Forward				

and Remarks

Pl wingboot
to rock pit su
stripped pa
dedend. Rep
worthy condi

W/O #04702

#04703

All A.D.

Red thru

91-23 1354

Registration No. _____

Maintenance
edges. Seals splits in as. Applied chaff material line. Replaced many corroded dead & left gear door with ed for service in air Bgn 2072161
ion Services y. of onics Inc. nicipal Airport Ma 02601 NIR172K

and Remarks	Signature	Certificate No.
Pl wingboot, and ICEXED Boots. Replaced LH. bulb static to cockpit side panels. Adjusted eng. driven vacuum to 50" Hg. stripped panel screws. Repaired wires to copilot's seat O ₂ sw. dead. Replaced working rivets in wing fillet panels. Repaired worthy condition <u>12/6/91</u> Tach <u>862.9</u> Total time <u>862.9</u>		
W/O #04702 I certify this <u>Airframe</u> has been inspected in #04703 accordance with a <u>Annual</u> inspection & was All A.D. notes determined to be in airworthy condition. Led thru Signature <u>Rush</u> 91-23 issue, No. <u>CRS-GNIR172K</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/28/91	Brought Forward →	873.5	Hobbs	R&R device timer p/w
		3D 2600-03	Ser.# 40650.	Ops ✓ good.
		—END—	R&R h	CRS-GNIR172K
1/29/92		890.0	Hobbs	R&R oil pressure gage with new
				P/N 18-1002-5, Ser# 92A0026. Ops ✓ OK.
				w/o# 04851 R&R h CRS GNIR172K
				Griffin Aviation Services
				a div. of
				Griffin Avionics Inc.
				Barnstable Municipal Airport
				Hyannis, Ma 02601
				CRS - GN1R172K
3/26/92		915.0	R&R	KG0102A
				ON - S/N X24738, "off" S/N 33864.
	Total To Carry Forward			Ops ✓ OK.
				R&R h A&P 33488145

and Remarks

3/26/92 9
all flight
Lights &
control v
Serviced
R&R h
5/13/92
Reinstall
R&R bu
linings 60

LOG

	Maintenance
bs	R&R deice timer p/w
# 40650.	Ops ✓ good.
R&R	CRS-GNIR172K
oil pressure gage with new	
22A0026.	Ops ✓ OK.
CRS	GNIR172K
n Aviation Services	
a div. of	
Griffin Avionics Inc.	
Stable Municipal Airport	
Hyannis, Ma 02601	
CRS - GNIR172K	

Registration No. _____

and Remarks	Signature	Certificate No.
3/26/92 915.0 Hobbs C/W 50 hr. safety ✓. Lubricated all flight controls. ✓'ed battery, tires, brakes, prop, spinner, Lights & horn. Removed, inspected, cleaned surface deice control valve. Reassembled & reinstalled, Ops ✓ OK. Serviced Hydraulic reservoirs to proper levels. Washed A/c. R&R CRS-GNIR172K W/O# 05120.		
5/13/92 943.0 Hobbs R&R all seals in NLG Actuator. Reinstalled, cycled 5 times, 1 emerg. Serviced Hyd. powerpack. R&R bulbs in gear system instrument panel. R&R brake linings 66-62, R&R NLG tire, 500X56PR FCI. R&R CRG CRS-GNIR172K W/O# 05398		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-12-92	Brought Forward →	998.4		Performed 50 hr. safety check. Lubricated flight controls & gear mechanism. Serviced tires, hydraulics, & batteries. battery acid jar. Replaced brake linings. Replaced ELT battery. Now due Sept 1994. Changed some postflight bulbs. REF. W.O. #5995 [Signature] GRIFFIN
Total To Carry Forward				

and Remarks

Altimeter mfg. by
Model ETA-130
has been certified by
on 1/1/93
inspection and test performed
Reference W.O. #
requirements of FAR 91.403
Insp. [Signature]
GRIFFIN AVIONICS, INC.
02601. FAA REPAIR STATION

Transponder mfg. by
Model # RT-75
has been tested and found to comply with FAR 91.413
NO. 06803
GRIFFIN AVIONICS, INC.
02601. FAA Repair Station
Date 1/1/93

Registration No. _____

Maintenance

250 hr. safety check
 air mechanism. Service
 battery acid jar.
 ECT battery. Now
 one post light bulbs.
 1/15/93 GN1R172K

and Remarks

Signature

Certificate No.

Altimeter mfg. by KING
 Model KA-130A s/n 1533
 has been certified by CASTERLINE TART.
 on 1/13/93 to an altitude of
35,000 feet, static sys.
 inspection and test performed by [Signature]
 Reference W.O. # 06803 and meets
 requirements of FAR 91.411
 Insp. Brian O. Bartlett for
 GRIFFIN AVIONICS, INC. Hyannis, MA
 02601. FAA REPAIR STATION GN1R172K

Altimeter mfg. by WREED
 Model 5924MD-1 s/n 06655
 has been certified by [Signature]
 on 1/13/93 to an altitude of
35,000 feet, static sys.
 inspection and test performed by [Signature]
 Reference W.O. # 06803 and meets
 requirements of FAR 91.411
 Insp. Brian O. Bartlett for
 GRIFFIN AVIONICS, INC. Hyannis, MA
 02601. FAA REPAIR STATION GN1R172K

Transponder mfg. by KING
 Model # KT-79 s/n 3480
 has been tested and inspected and
 found to comply with FAR 91.413
 WO # 06803 by Brian O. Bartlett for
 GRIFFIN AVIONICS, INC. Hyannis, MA
 02601. FAA Repair Station GN1R172K
 Date 1/15/93

Transponder mfg. by KING
 Model # KT-79 s/n 3512
 has been tested and inspected and
 found to comply with FAR 91.413
 WO # 06803 by Brian O. Bartlett for
 GRIFFIN AVIONICS, INC. Hyannis, MA
 02601. FAA Repair Station GN1R172K
 Date 1/15/93

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →		_____	Tach _____
			Total time _____	
			I certify this _____ has been inspected in accordance with a _____ inspection & was determined to be in airworthy condition.	
			Signature _____	
			No. _____	
1/15/93		1065.0 hrs.	C/W 100hr. inspect. IAW Piper ✓ list. Serviced & Charged A/c battery. R&R MLG	
Total To Carry Forward			tires. R&R Central air & vacuum → cont.	

Register

and Remarks

regulator filters.
tension on friction loc
R&R seals on brake
vacuum system Pip
S.B.#958 Horiz. d
Lubricated all
movement & se
92-26 issue.
OK for return
#06789, -

Registration No. 9127Z

Maintenance
Tach _____
_____ has been inspected in
_____ inspection & was
_____ to be in airworthy condition.
C/W 100 hr. inspect.
List. Serviced &
battery. R&R MLG
Central air & vacuum →
cont.

and Remarks

Signature

Certificate No.

regulator fitters. R&R Peri seals for heater duct. Adjusted
tension on friction lock. R&R seal in NLG Sequence Valve.
R&R seals on brake calipers. Bled brakes. C/W A.D.#92-15-14
Vacuum system Piper S.B.#947A Part II. Labeled gage. C/W
S.B.#958 Horiz. drain holes. Serviced Hyd. power pack.
Lubricated all flight controls & ✓'ed for freedom of
movement & security. All A.D. Notes ✓'ed thru
92-26 issue. ELT Due 9/94, FAR ✓'s due 1/95.
OK for return to service. Ref. W/O# 06788 &
#06789. — END —

RWR Level of CRS-GNIR172K

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
	Brought Forward →				
<i>All A.D. notes</i> <i>✓ed thru 92-26 issue.</i> Griffin Aviation Services a div. of Griffin Avionics Inc. Barnstable Municipal Airport Hyannis, Ma 02601 CRS - GN1R172K		<i>01/15/93</i> Total time <i>1065.0</i>	Tach <i>1065.0</i> Total time <i>1065.0</i>		
		I certify this <i>airframe</i> has been inspected in accordance with an <i>annual</i> inspection & was determined to be in airworthy condition.			
		Signature <i>Peter P. Boussonneault</i>			
		No. <i>GN1R172K</i>			
Total To Carry Forward					

5/10/93 C/W
 1135.0 Light
 w/o #07339 al
 CRS-GN1R172K A
 Tires, A/c
 Rubbed
 7/7/93 C/a
 1169.6 R&K
 w/o #07603 C/
 Lubricated
 END

FT LOG

Order Loading	Maintenance
15/93 Tach 1065.0	
ma 1065.0	
hla Airframe	has been inspected in
re with an Annual	inspection & was
rmited to be in airworthy condition.	
ature <u>Peter P. Boussonneault</u>	
<u>GNIR172K</u>	

Registration No. 9127Z

and Remarks	Signature	Certificate No.
5/17/93 C/w 50hr. Safety ✓. R&R Wing inspection 1135.0 Light. Ops ✓ ok. R&R brake linings. Lubricated w/o #07339 all flight controls & ✓ed for freedom of CRS-GNIR172K Movement, travel & security. Serviced Tires, A/c battery & Hydraulics. —END— Rukhda. Griffin Aviation Services.		
7/7/93 C/w 50hr safety ✓. R&R brake linings & disc. 1169.6 R&R both mcg-tires. Serviced Air conditioner. w/o #07603 C/w A.D. Note 84-20-02 induction Air filter. Lubricated all flight controls. Cleaned A/c. —END— Rukhda CRS-GNIR172K		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5.21.93	Brought Forward →			
	Installed KEA-130A SN 17314			
	Removed SN 1533			
	Ramp tested good Performance			
	Static Leak OK OK			
	MO 07462			
	Griffin Avionics Inc. BARNSTABLE MUNICIPAL AIRPORT HYANNIS, MASS. 02601 CRS - GN1R172K			
	B. P. Butler			
Total To Carry Forward				

and Remarks

4-16-93
Removed
installed
operational
Perf.

LOG

Order ending	Maintenance
130A SW 17314	
533	
Performed	
OK	
07462	
Avionics Inc. MUNICIPAL AIRPORT MASS. 02601 GN1R172K <i>B. C. Bartlett</i>	

Registration No. _____

and Remarks	Signature	Certificate No.
7-16-93 Removed KFA-130A SW 17314. Installed SW 1533. Ramp Test operational. Performed Static Load OK WFO 07802	<i>[Signature]</i>	
Griffin Avionics Inc. BARNSTABLE MUNICIPAL AIRPORT HYANNIS, MASS. 02601 CRS - GN1R172K <i>B. C. Bartlett</i>		

AIRCRAFT LOG

Con't	Date	Aircraft Time		Recorder Reading	Maintenance
		This Date	Total		
	2-10-94	Brought Forward →	1266.3		nose gear steering bar, installed
	all AD's checked				helix coils in wing wheel for hub cap screws.
	Thru 94-03				Washed, cleaned & lubed aircraft Ref w/o 08876 & 08877
	2/10/94	Tach	1266.3		Peter RBoussoneau
	Total time	1266.3	ENG TSN	816.0	GN1R172K
	I certify this <u>Airframe</u> has been inspected in accordance with an <u>Annual</u> inspection & was determined to be in airworthy condition.				
	Signature	<u>Peter RBoussoneau</u>			
	No.	<u>GN1R172K</u>			
	Total To Carry Forward		ANNUAL DUE FAR 91.411 FAR 91.413	02-95 01-95 01-95	
			ELT Battery 9/94		

Registration No. 9127Z

Maintenance

and Remarks

Signature

Certificate No.

steering bar, Installed
ul for hub cap screws.

aircraft Ref w/o 08876 & 08877

in RBoussoneau &

GN1R172K

Griffin Aviation Services

a div. of

Griffin Avionics Inc.

Barnstable Municipal Airport

Hyannis, Ma 02601

CRS - GN1R172K

1281.0 hrs. 4/29/94 R&R Main landing gear tires
& brakes. 600X6 8PR FCI & 66-62 linings. Serviced
Nose landing gear strut. R&R center door seal #82780-003.
Washed A/c. —END— Rukh L. CRS-GN1R172K #09173

5/16/94 Piper S.L. #1011 Nose Gear Trunnion.
P/c/w 8/29/90 — See log — Rukh L.

*

END OF LOG
See NEW #2

ALTIMETER TEST CARD

Model No. Viper T-100 Date 1/13/93
 Serial No. 0E655 Part # 5534/100-1

SCALE ERROR

Altitude (Feet)	Tolerance (± Feet)	Altitude (Feet)	Tolerance (± Feet)
-1,000	-20 20	14,000	-20 100
0	0 20	16,000	-10 110
500	0 20	18,000	0 120
1,000	-10 20	20,000	+10 130
1,500	-10 25	22,000	0 140
2,000	-10 30	25,000	+20 155
3,000	-10 30	30,000	+60 180
4,000	-10 35	35,000	+120 205
6,000	-10 40	40,000	X 230
8,000	0 60	45,000	X 255
10,000	-10 80	50,000	X 280
12,000	-10 90		

NOTES

Case Leak Test
 Hysteresis Test:

First Test Point

(50% of Max. Altitude 710 75

Second Test Point

Tolerance
 (+ Feet)
-20 100

Capital Aviation Instrument Corp.

Repair Station No. 162-10

Bx. 542, Manassas Municipal Airport, Manassas, VA 22110, (703) 369-0500

Part No. 6533-1 Ser. No. 173

Name Manassas Mfg. United

Customer Skytech Inc.

Address _____

☐ Overhauled ☒ Checked ☐ Calib. Checked Within Mfg's Specs.

☐ Repair ☐ TSO Supplied by Customer _____

Other _____

Signed [Signature] Date 5-6-88

SERVICEABLE

2000	<u>0</u>	18,000	<u>+20</u>	55,000	
3000	<u>5</u>	20,000	<u>+30</u>	60,000	
4000	<u>+10</u>	22,000	<u>+40</u>	70,000	
6000	<u>+5</u>	25,000	<u>+20</u>	80,000	

BFG/C9102

NARCO ELT-10 S/N C13

Z

Second Test Point
(50% of Max. Altitude) 710 75
First Test Point
Hysteresis Test:
Case Leak Test
Tolerance
(+ Feet)
-20 100

12,000 -10 90
10,000 -10 80
5,000 0 60
45,000 255
50,000 280

ALTIMETER SCALE ERROR					
PART NO. 503SPBP57			SERIAL NO. 17314		
ALTIMETER PRESSURE					
TEST PT (FT)	INDICATOR READINGS AT + 25 °C	TEST PT (FT)	INDICATOR READINGS AT + 25 °C	TEST PT (FT)	INDICATOR READINGS AT + 25 °C
-1000	-10	8,000	+20	30,000	+30
0 0	0	10,000	+30	35,000	+125
500	+5	12,000	+35	40,000	
1000	0	14,000	+20	45,000	
1500	+5	16,000	+30	50,000	
2000	0	18,000	+20	55,000	
3000	+5	20,000	+30	60,000	
4000	+10	22,000	+40	70,000	
6000	+5	25,000	+20	80,000	

FGC8102

Z

NARCO ELT-10 S/N C11

Case Leak Test
Hysteresis Test:
First Test Point
(50% of Max. Altitude $\frac{1}{10}$ 75
Second Test Point
Tolerance
(+ Feet)
-20 100

12,000 -10 90
10,000 -10 80
8,000 0 60
6,000 0 40
4,000 0 20
2,000 0 10
0 0 0
-20 0 0
-25 0 0
-280 0 0

MAINTENANCE RELEASE

COMPONENT HRI SERIAL NO. 7005

PART/MODEL NO: 060001700 MFG. KING

☒ Overhaul ☐ Repair ☐ Bench Ck & Test ☐ New

The Aircraft Appliance identified above was overhauled, repaired, bench tested, or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this repair station under

Work Order # D2257

Authorized Signature [Signature]

Date 11/9/89

Maintenance Release

The appliance identified on the reverse side was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this facility.

Date 7-22-03 Signed [Signature] for
Ryan International Corporation
4800 Evanswood Drive
Columbus, Ohio 43229
Phone 614-885-3303

FFA approved:
Manufacturer's Maintenance Facility Number 348-01

Maintenance Release

The appliance identified on the reverse side was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this facility.

Date 7-22-03 Signed [Signature] for
Ryan International Corporation
4800 Evanswood Drive
Columbus, Ohio 43229
Phone 614-885-3303

FFA approved:
Manufacturer's Maintenance Facility Number 348-01

SERVICED BY
CASTLEBERRY
 Instruments & Avionics, Inc.
 A Subsidiary of The **Goodrich** Company
 817 Dessau Rd.
 Austin, Texas 78753-9710
 Phone (512) 251-3441
 FAA Repair Station No. UZ2R232L



Serviceable Part Tag

CUSTOMER Avionics Sales

SERVICEABLE

Manufacturer: Ryan International Corporation
 4800 Evanswood Drive
 Columbus, Ohio 43229

Item: XPDR Coupler Ver: 3.0
 Part Number: 70-1040
 S/N: 960237

Status: New: ☐ Newly Overhauled: ☒

911001.FRP

SERVICEABLE

Manufacturer: Ryan International Corporation
 4800 Evanswood Drive
 Columbus, Ohio 43229

Item: ATS-8000
 Part Number: 70-1000
 S/N: 951019

Status: New: ☐ Newly Overhauled: ☒

911001.FRP