N84142 #1



PIPER AIRCRAFT CORPORATION

General Offices at Lock Haven, Pennsylvania U. S. A.

N8414Z

Aircraft
Registration Number

Part No. 230715

OWNER

	NAME	ADDRESS
1		
2	JUDY JAHA	N L. DOYLE 177 RAMOSO ROAD APRIL 26, 1988 PORTOLA VALLEY, CA. 94028
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If this book is found, please return it to the owner.

AIRCRAFT DESCRIPTION

	Registration No.	84142	
PA-2		_ Popular Name: Dal	Kota
del. ———	3111085		A13
S	EE WEIGHT AND BALANC	_ Type Certificate No.:	
ors:	Lycoming		artzell
gine Manufacturer:	0-540-J3A5D	Original Propeller Model: HC	-Faye-IF
_			
ial Numbers: Single _	L- 23070-40A	_ Hub or Serial Number: Single _	CM 691
		_ Left .	
Right ₋		_ Right . Blade Nur	nhers
		Left	Right
		E92791	
		E 92797	

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.
518 965	toushing	1329,47	1-5-94	see entry
51B 805	new prop O- ring	1168,8	5-23-9/	See entry
51B 836A	werified copper with previously installed	1464.0	2-2-95	2 May 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
51B 848	NIA Harrison oil cooler instl	1464.0	2-2-95	AUBR3841
5/5,717	FUEL LINE INSP	1464	2-7-95	704 Com
578 904	BATTERY STRAP	1464	2-7-95	74 Cur 1749123846
973 856	STAB ATTACH FITTING INSP	1464	2-9-95	AUJR3842
SIB 856	1	1744		N3R3P4L
SB 1006	Main spar inspection	1648	-12 -100	CAT D1303841
SIB 856	Stab attach fitting ensp	1776.7	. 1 1	Jammkind CRS AU 3R3 84L

Date	Aircra	ft Time	Recorder		
	This Date	Total	Reading	Maintenance	
MAY 2 7 1981	Brought Forward	1.19	I HAVE INSPECTI	ED THIS AIRCRAFT AND ISSUED	
				AIRWORTHINESS CERTIFICATE	
			FAR 21.183(a) PE		
			THE ALTIMET	ER AND STATIC SYSTEM	
*			TESTS REQUIR	ED BY FAR PART 91.170 ERFORMED. THE ALTIMETER (S)	
Terriera			HAVE BEEN TE		
			SIGNED	DATE MAY 2 7 1981	
				T is installed per	
	2			nent date 9/28/8 2	
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Total To Carry Forward		1.19	Hipe	r Aircraft Corp.	

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and Remarks		Signature	Certificate No
ne ATC Transponder Tests and Inspections required by FAR	ò .		Mark 1
177 were performed	5.7		
Make King Model BT 70A S/N 26708			
5/11			
MakeModel			
N 811/08 Date	,		
PIPER AHRCKAFT CORP. VERO BEACH, FLORIDA			
			X
THE AUTOMATIC PRESSURE ALTITUDE			
REPORTING EQUIPMENT TESTS REQUIRED BY FAR PART 91.36 HAVE BEEN			
PERFORMED THIS DATE 5-11-8/ SIGNED: La Gue	2		

AIRCRAFT LOG Aircraft Time This Date Total Recorder Reading 7-8-81 Brought + 26.6 Lateled Pring RN 62 A & Mutchell Readio Couples Revised weights Balance, ARS 2087 Carl Harland Total To Carry Forward

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and Remarks	Signature	Certificate N
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4-16-82 Tac 133 - Rem	oved & repla	ed
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	et a p			I certify this aircraft h
				inspected in accordance with inspection and was determined to be worthy condition.
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d Remarks	k - 4 0 -	Signature	Certificate No
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	PRS 202		

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gent .	Date		oft Time	Recorder	
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I certify this aircraft has been		
inspected in accordance with August inspection and was determined to be in airworthy condition.	_	
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Date	Aircre	aft Time	Recorder	
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wort	ection and was hy condition. Time 337.	determined to be	in air.	secution - sean sucretion
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and Remarks		Signature	Certificate No.
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	inspection and was determined worthy condition.	nined to be in sur-	
RATE AIR TECHNOLOGY		Tere	
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Registration No.____

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		N 8414		
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	Brought Forward			.55
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ail	FAA For	m 337	this da	be:
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To	d Bhe	la	Aux Tasa	F.A.A. Certified Repair Sta
12-29-86 1	ACH 554.	***		# 6022
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			.e.	1250 AVIATION AVE
Total To Carry Forward				FAA CRS 402-28

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	Registration No	84142		7
and Remarks			Signature	Certificate No.
3-16-87		3-16-87		
tests and inspections	system and transponder required by FAR 91.171 and an performed and found	TEST AND INSPEC	TITUDE REPORTER AND S TION REQUIRED BY FAR 9 ORMED AND FOUND TO M	1.171
Altimeter S/N V27	FAR 43 Appendix E & F. Transponder S/N 26700	SPECS. PER FAR 4 ENCODER S/N	3 APPENDIX E AND FAR S 3966 INSPECTOR	Thurst Xufux
W/O# LOCKY	LAC. Avionics, Inc. FAA Repair Station #6022		FAA REPAIR STATION	
- 10-87 TAGH 60	U.2000			
	SÉRVICE COMP	LETEN THI	S DATE.	
& CRS 402-28	Jung A Cour		CORPORATE AIR	TECHNOLO
			1250 AVIATION SAN JOSE,	AVE. STE. 125 CA 95110
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and Remarks		ÿ.	Signature	Certificate No
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	Jung A Care	FAA	CRS 402-28
7-12-88 TACH 8	P. J-SERVICE COMP	ETED THIS	DATE.
			N AVE STE 125 E CA 95110
STALLED NEW SHIT	MY Tung A Comi	FAA C	RS 402-28
		1	

J. DOYLE

LOG BOOK ENTRY N8414Z PIPER PQ-28-236 S/N 28-8111082

SEPTEMBER 16, 1988 TACH 869.95 INSTALLED NORTHERN AIRBORNE TECHNOLOGY AA80-001 INTERCOM SYSTEM. AIRCRAFT TEST FLOWN IN ACCORDANCE WITH FAR 91.167(b) WITH NO AIRWORTHINESS DISCREPANCIES NOTED. REFERENCE LAC WORK ORDER 10857 AND AIRCRAFT EQUIPMENT LIST. AIRCRAFT WEIGHT AND BALANCE DATA ADJUSTED. NO FURTHER ENTRY.

LOYD B NESBITT JR, ASSISTANT INSPECTOR LAC AVIONICS INC. FAA CERTIFIED REPAIR STATION NUMBER 6022

Carry Forward

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and Remarks		Signature	Certificate No.
10-1-88 TACH 872.	7		
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1250 AVIATION AVE STE 125	SIGNED	TECHNOLOGY	FOR
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CORPORATE AIR TECHNOLOGY 1250 AVIATION AVE STE 125			

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MLG. TIMES.	REPLACE	D PARTI	SE BRAN	TE CYL,
Total To Carry Forward		Twy 1	lai.	1250 AVIATION AVE. STE. 125
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Registration No.____

and Remarks	Signature	Certificate No.
-22-89 TACH 980,7		
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Tom A Cours	CORPORATE AIR	
	1250 AVIATION SAN JOSE,	
	FAA CRS	402-28
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AIRCRAFT LOG BOOK ENTRY N8414Z PIPER PA-28-236 S/N 28-8111082 AUGUST 2, 1989

ALTIMETER INSTRUMENT TESTED TO A PRESSURE ALTITUDE OF 20,000 FEET AND FOUND TO COMPLY WITH APPEANDIX E OF FAR 43. AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT WAS TESTED TO A PRESSURE ALTITUDE OF 20,000 FEET AND FOUND TO COMPLY WITH APPENDIX E OF FAR PART 43. THE ATC TRANSPONDER WAS TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF FAR PART 43. AIRCRAFT STATIC PRESSURE SYSTEM TESTED AND INSPECTED AND FOUND TO MEET THE REQUIREMENTS OF FAR PART 43, APPENDIX E. THE INSTALLED SYSTEMS MEET THE REQUIREMENTS OF FAR 91.171 AND 91.172. REFERENCE LAC WORK ORDER 10857.

LOYD B NESBITT JR, ASSISTANT INSPECTOR LAC AVIONICS INCORPORATED FAA CERTIFIED REPAIR STATION NUMBER 6022

Total To Carry Forward Ince

Registration No.____

and Remarks	Sig	gnature	Certificate No.
10-27-89 TACH 1045.6	* * C		C. C
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USPINENT DUE 1545.			
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	CORPORATE AIR TECHN		fOR
	FAA CRS 402-28		

	Aircraft Time		Recorder		
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and Remarks		Signature	Certificate No.
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AIRCRAFI LOG I	APRIL 24, 1990	Activities and a second	
TNCTALLED S-TRK	PITCH STABILIZATION SYSTEM,	KING KCS-55A	HSI SYSTEM,

AND BOGERT AVIATION COPPER DC POWER CABLE KIT. AIRCRAFT TEST FLOWN ACCORDANCE WITH FAR 91.167(b) WITH NO AIRWORTHINESS DISCREPACNCIES NOTED. REFERENCE FAA FORMS 337 THIS DATE (2), UPDATED AIRCRAFT EQUIPMENT LIST AND WEIGHT AND BALANCE DATA, AND LAC WORK ORDER NUMBER 10857. NO FURTHER ENTRY.

LOYD B NESBITT JR, ASSISTANT INSPECTOR LAC AVIONICS INC. FAA CERTIFIED REPAIR STATION NUMBER 6022

Registration No._

Date	Aircro	ıft Time	Recorder	
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Total To Carry Forward				
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Registration No.____

and Remarks	Signature	Certificate No.
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-3-91 TACH 1183.8		
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	Brought Forward	,		The state of the s
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AND PRE B O AND SYS: REFI	FOUND TO COM SSURE SYSTEM F FAR PART 43 FOUND TO COM TEMS MEET THE GRENCE LAC WO	WERE TESTA PLY WITH AL WAS TESTED THE ATC PLY WITH AL REQUIREMENT RK ORDER 1	PPENDIX E (AND FOUND TRANSPONDE PPENDIX F (NTS OF FAR	PRESSURE ALTITUDE REPORTING PESSURE ALTITUDE OF 20000 FEET OF FAR PART 43. AIRCRAFT STATIC TO COMPLY WITH APPENDIX OF FAR PART 43. THE INSTALLED OF FAR PART 43. THE INSTALLED 191.411, 91.413 AND 91.217. 11.411,91.413 & 91.217 DUE ODER S/N 33966, TRANSPONDER
LAC REPA	AVIONICS INCO IR STATION NO	ORPORATED I UMBER FM4RI	FAA CERTIF. 185M	TED MELITERY
Total To Carry Forward				

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Aircraft Make PIESE and Remarks AirCraft 1199 - 66	IER WARRANTIES OR EXPENSES. ARTICULAR PURPOSE, COURSE All not be modified in imitation.
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PINNUAL INSPECTION COMPLETED THIS DE	STRUT. REPLACED NOSE
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FAA	CRS AU3R384L
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7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ORPORATE AIR TECHNOLOGY 1250 AVIATION AVE. STE. 125
3-10: 29 / 447	SAN JOSE, CA 95110 FAA CRS 402-28

	Recorder	Aircraft Time Records	Date	
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	7237.3	1237.	Brought Forward	12-2-92
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1-92 TOTAL TIME 1237.3	DATE 12 - 2	-	EXT DUE	BATTERY. N
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AIR TECHNOLOGY	SIGNED		Existing the second	57 24 10 Lion
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	-/-	Tuis 19		CHT TIRE
ORPORATE AIR TECHNOLOG 1250 AVIATION AVE. STE. 125		9863	210 77/10	30.0000
SAN JOSE, CA 95110 FAA CRS 402-28		101	= 1	otal To erry Forward

	Registration No		
	and Remarks	Signature	Certificate No.
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_	AIRCRAFT LOGBOOK ENTRY FOR PIPER N84142	Z	
_	SEPTEMBER 29, 1993		<u>CH</u>
_	ALTIMETER INSTRUMENT AND AUTOMATIC PRESSURE A EQUIPMENT SYSTEM WERE TESTED TO A PRESSURE AL AND FOUND TO COMPLY WITH APPENDIX E OF FAR PA	LTITUDE OF 20,00	OO FEET
_	PRESSURE SYSTEM WAS TESTED AND FOUND TO COMPLE OF FAR PART 43. THE ATC TRANSPONDER WAS TESTED	STED AND INSPECT	TED
, 7	AND FOUND TO COMPLY WITH APPENDIX F OF FAR PASYSTEMS MEET THE REQUIREMENTS OF FAR 91.411, REFERENCE LAC WORK ORDER 11752.ALTIMETER S/N	91.413 AND 91.2	217.
	33966. TRANSPONDER S/N 26708. FAR 91.411 AND	91.413 ARE DUE	AGAIN;
	LAC AVIONICS INCORPORATED FAA CERTIFIED REPAIR STATION NUMBER FM4R185M		
			0.

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	Aircra	ft Time	Recorder	
Date	This Date	Total	Reading	Maintenance
-5-94	Brought Forward	1329.47	,	
ANNUAL	INSPECT	ON COMPLES	TED THIS D	PATTS. PLEPLACED LEFT 1766
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		ISPECTION AND INVORTHY CON		
		ORPORATE AIR		ce_for
		A CRS AU3R364		
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Regi	stration No.		1
and Remarks		Signature	Certificate No
7-13.94 TACH 1375.14			
50 HR INSPECTION	1 + SERVICE COMPLETE	THIS DATE . REP	LACED
TE AIR TECHNOLOGY ARCO CUEUX WELW YASTITAB 1005, CA 55110		CORPORATE AIR TO 1250 AVIATION AV SAN JOSE, CA	E. STE. 125
CRS AUGREBAL		FAA CRS AUG	R384L
10-17-94 TTACH 1406.5			3 11
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		A	IRCRAFT LOC	3
	Aircraft	Time	Recorder	
Date	This Date	Total	Reading	Maintenance
12-6-94	Brought Forward →		1439	
		AND SE	VICE CON	PLETED THIS DATE.
	Corporate a'e te 1250 aviation av	7	Alex	CORPORATE AIR TECHNOLOGY
-	SAN JOSE, CI	- July	nese	1250 AVIATION AVE. STE. 125
	MA CRS AU			SAN JOSE, CA 95110 FAA CRS AU3R384L
				IAN UND NUONOCHL
2-7-95	TACH 1464			4 4 4
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VSP. REPLANE	FD 168 August			DATE 2-7-95 TOTAL TIME 1967
27.77	P VACUUT PF	LIEF FIL	EZ	I CERTIFY THAT THIS AIRCRAFT HAS
	1			INSPECTED IN ACCORDANCE WITH A MIN
Total To				INSPECTION AND WAS DETERMINED TO B
Carry Forward				AIRWORN CONDITION. WO # 11315
				SIGNED THE A Care
-				CORPORATE AIR TECHNOLOGY
				FAA ERS AU3R384

AIRCRAFT LOGBOOK ENTRY FOR PIPER N8414Z OCTOBER 13, 1995 ALTIMETER INSTRUMENT AND AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT SYSTEM WERE TESTED TO A PRESSURE ALTITUDE OF 20,000 FEET AND FOUND TO COMPLY WITH APPENDIX E OF FAR PART 43. AIRCRAFT STATIC PRESSURE SYSTEM WAS TESTED AND FOUND TO COMPLY WITH APPENDIX E OF FAR PART 43. THE ATC TRANSPONDER WAS TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF FAR PART 43. THE INSTALLED SYSTEMS MEET THE REQUIREMENTS OF FAR 91.411, 91.413 AND 91.217. REFERENCE LAC WORK ORDER 11752. ALTIMETER S/N V2758, ENCODER S/N 33966, TRANSPONDER S/N 26708. FAR 91.411 AND 91.413 ARE DUE AGAIN; 11-1-97. LAC AVIONICS INCORPORATED FAA CERTIFIED REPAIR STATION NUMBER FM4R185M	and Remarks		Signature	Certificate I
EQUIPMENT SYSTEM WERE TESTED TO A PRESSURE ALTITUDE OF 20,000 FEET AND FOUND TO COMPLY WITH APPENDIX E OF FAR PART 43. AIRCRAFT STATIC PRESSURE SYSTEM WAS TESTED AND FOUND TO COMPLY WITH APPENDIX E OF FAR PART 43. THE ATC TRANSPONDER WAS TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF FAR PART 43. THE INSTALLED SYSTEMS MEET THE REQUIREMENTS OF FAR 91.411, 91.413 AND 91.217. REFERENCE LAC WORK ORDER 11752. ALTIMETER S/N V2758, ENCODER S/N 33966, TRANSPONDER S/N 26708. FAR 91.411 AND 91.413 ARE DUE AGAIN; 11-1-97.	AIRCRAFT		N8414Z	
E OF FAR PART 43. THE ATC TRANSPONDER WAS TESTED AND INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF FAR PART 43. THE INSTALLED SYSTEMS MEET THE REQUIREMENTS OF FAR 91.411, 91.413 AND 91.217. REFERENCE LAC WORK ORDER 11752.ALTIMETER S/N V2758, ENCODER S/N 33966, TRANSPONDER S/N 26708. FAR 91.411 AND 91.413 ARE DUE AGAIN; 11-1-97. LAC AVIONICS INCORPORATED FAA CERTIFIED	EQUIPMENT SYST	TEM WERE TESTED TO A PRESSU COMPLY WITH APPENDIX E OF F	URE ALTITUDE OF 20, FAR PART 43.AIRCRAN	000 FEET T STATIC
REFERENCE LAC WORK ORDER 11752.ALTIMETER S/N V2758, ENCODER S/N 33966, TRANSPONDER S/N 26708. FAR 91.411 AND 91.413 ARE DUE AGAIN; 11-1-97. LAC AVIONICS INCORPORATED FAA CERTIFIED	E OF FAR PART AND FOUND TO C	43. THE ATC TRANSPONDER WAS COMPLY WITH APPENDIX F OF A THE REQUIREMENTS OF FAR 91.	AS TESTED AND INSPE FAR PART 43. THE IN 411, 91.413 AND 91	SCTED NSTALLED 1.217.
LAC AVIONICS INCORPORATED FAA CERTIFIED REPAIR STATION NUMBER FM4R185M	REFERENCE LAC 33966, TRANSPO	WORK ORDER 11752.ALTIMETER	R S/N V2758, ENCODE	SR S/N
	TAC AUTONICS 1	INCORPORATED FAA CERTIFIED N NUMBER FM4R185M	- Mager M	

	Aircra	ft Time	Recorder	
Date	This Date	Total	Reading	Maintenance
3-14-96	Brought Forward	1522.3	1522.3	
	NOSE TORG	NE WALT B	VSHINGS.	REPLACED OIL COOLER HOSES
		7	4.3	SZZ TT. INSPECTED ELT
PER FAR 91.	207 (d) · RE	PLACED PNE	VMATIC SY	STET FILTERS. E/W SB 856 STAB
ATTACH INSP.	9w 5B9	19 WING PLES	AR SPAIR IN	ISP- REPLACED FUEL STRAIMER
CAP ASSY.	DATE	3-14-96 TO	TA! TIKAL 1	77 7
	I CERTIFY	THAT THIS ALB	CRAFT	AS BEEN
	INSPECT	ON AND WAS	DETERMINED	O BE IN
	SIGNED	THY CONTINION	Com	ror
	CORPCE FAA CRS	AU3R384L	DLOGY	
Total To Carry Forward			Ķ.	

and Remarks	Signature	Certificate No
AIRCRAFT LOG BOOK ENTRY N8414Z PIPER PA-28-236	<i>5 S/N 28-8111082</i>	?
SEPTEMBER 30, 1996	*	
REMOVED PREVIOUSLY INSTALLED ARNAV SYSTEMS R-30 AND INSTALLED BENDIX/KING KLN-90B GPS NAV SYSTEM	M. AIRCRAFT TE	
FLOWN IN ACCORDANCE WITH FAR 91.407(b) WITH NO DISCREPACNCIES NOTED. REFERENCE FAA FORM 337 T.	AIRWORTINESS HIS DATE, LAC W	ORK
ORDER NUMBER 13790 AND UPDATED AIRCRAFT EQUIPMES STATIC AIR PRESSURE SYSTEM TESTED AND INSPECTED	NT LIST. AIRCR	PAFT
STATIC AIR PRESSURE SYSTEM TESTED AND INSPECTED FAR 91.411(a) AND FOUND TO MEET THE REQUIREMENT	S OF FAR 43	

APPENDICES E AND F PARAGRAPH (a). AIRCRAFT WEIGHT AND BALANCE DATA

ADJUSTED. NO FURTHER ENTRY.

STATION NUMBER FM4R185M

LOYD B NESBITT JR, ASSISTANT INSPECTOR

— LAC AVIONICS INC. FAA CERTIFIED REPAIR

Registration No.____

	Coporate Ai	r Technology
_•	1250 Aviation Av	
		ifornia 95110
	CRS AU	
	April 8, 1997 N8414Z Tach:	1619.6 Hobbs:
- 12	Cycles:	Total Time: 1619.6
	C/W AD96-10-03 FLAP HANDLE INSPECTION.C/W	S/B 856 STABILIZER ATTACH FITTING
	INSPECTION. INSPECTED ELT PER FAR 91.207(d	
	2/99.REPLACED VACUUM RELIEF FILTER.REPLAC	
_	RUDDER HORN ASSY. RESEALED COPILOTS RIGHT	
-		
_		• *
	I certify that this AIRCRAFT has been insp	ected in accordance with
_	a ANNUAL inspection and was determined to	
	Work Order #: 13763	7
_	1 Tours A	all
	Corporate Air Technology	CRS AU3R384L
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otc		,

	Registration No	
_		e No.
_		
-	ALTIMETRY, ALTITUDE REPORTING AND TRANSPONDER TEST N# 8414Z S/N 28-8111082 DATE 5-5-98 TESTED TO 20,000 FT. TESTED AND PASSED PER FAR 91.411 AND 43 APPENDIX E ALTIMETERS: #1 S/N V2758 P/N 5934PD-1	
7.	AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM #1 S/N 33966 P/N D120-P2-T	, ,
_	STATIC SYSTEMS TESTED: PILOT TESTED AND PASSED PER FAR 91.413A AND 43 APPENDIX F TRANSPONDER #1 S/N 26708 P/N 066-1062-00 MODEL KT 76A	
_	TRANSPONDER #1 5/N 20708	
-	WORK ORDER# 13790 INSPECTOR TRACY KEEFER	
-	LAC AVIONICS INCORPORATED FAA CERTIFIED REPAIR STATION NUMBER FM4R185M	
_		

AIRCRAFT LOG **Aircraft Time** Recorder Date Reading Maintenance Total This Date **Brought** 1642.5 **Forward** 1642.5 5-15-98 DATE <u>5-15-98</u> CERTIFY THAT THIS ALRCINA INSPECTED ELT PER FAR 91.207 (d), REPLACED INSPECTED BY ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN VACUUM RELIEF FILTER. REPLACED ELECTRIC AIRMORTHY CONDITION, WO # 14995 FUEL PUMP FOR COMPORATE AND LICHNOLOGY FAA CRS AU3R384L 7-30-98 TACH 1648.04 YW SB 1006 MAIN SPAR INSPECTION. REPLACED FLEX FUEL VENT LINES. CORPORATE AIR TECHNOLOGY 250 AVIATION AVE. STE. 125 **SAN JOSE**, CA 95110 FAA CRS AU3R384L **Total To Carry Forward**

Registration No	1	
and Remarks	Signature	Certificate No.
99 TACH 1662,09	DATE 7-16-99 TO	
NSPECTED ELT PER FAR 91. 207(d) AND	INSPECTED IN ACCORDA INSPECTION AND WAS	IN CE WITH A ANNO
ACED BATTERY, NEXT DUE 6-2001 PEPLACED	ARWORT WENDINGN	. WO # 16298
WA RELIEF FILTER. STROBE POWER	CORPORATE AIRTECHN	•
DLY REPRIRED		
		,
	9	

AIRCRAFT LOG ALTIMETRY, ALTITUDE REPORTING AND TRANSPONDER TEST N# 8414Z S/N 28-8111082 DATE 8-1-2000 TESTED TO 20,000 FT. TESTED AND PASSED PER FAR 91.411 AND 43 APPENDIX E P/N 5934PD-1 ALTIMETERS: #1 S/N V2758 AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM P/N D120-P2-T #1 S/N 33966 STATIC SYSTEMS TESTED: PILOT TESTED AND PASSED PER FAR 91.413A AND 43 APPENDIX F TRANSPONDER #1 S/N 26708 P/N 066-1062-00 MODEL KT 76A WORK ORDER# 14678 TRACY KEEFER INSPECTOR LAC AVIONICS INCORPORATED FAA ČERTIFIED REPAIR STATION NUMBER FM4R185M

A Strait was some a

Carry Forward

	Cotto	To No.
Coporate Air		
1250 Aviation Aven		
San Jose, Calif		
CRS AU3R N8414Z Tach: 16		
	35.2 Hobbs: Total Time: 1685.2	
ANNUAL INSPECTION COMPLETED THIS DATE.INSPE		
REPLACED VACUUM RELIEF FILTER.RESEALED BOTH		
		-
The second secon	and the second s	
I certify that this AIRCRAFT has been inspec	ted in accordance with	
a ANNUAL inspection and was determined to be	in airworthy condition.	mag
x Tan A Cuca	8-16-00	
Cerporate Air Technology	CRS AU3R384L	
/ /	The same of the sa	

AIRCRAFT LOG Coporate Air Technology 1250 Aviation Avenue, Suite 125 San Jose, California 95110 CRS AU3R384L September 6, 2001 N8414Z Tach: 1704.9 Hobbs: Cycles: Total Time: 1704.9 ANNUAL INSPECTION COMPLETED, C/W SB 856 STAB ATTACH FITTING CORROSION INSP-NONE FOUND, ELT INSP PER FAR 91.207(d)(1)-(4) AND BATTERY REPLACED(next due@ SEPT. 2003), REPLACED PNEUMATIC INLET FILTER AND VACUUM RELIEF FILTER, SERVICED MAIN STRUTS, RESEALED RH BRAKE CALIPER, REPLACED BATTERY WITH NEW G-35 sn.G-01953407, REPLACED ALL DOOR LOCKS AND MAGNETO SWITCH LOCK, REPLACED NAV LIGHT/RADIO LIGHT DIMMER SWITCH I certify that this AIRFRAME has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Work Order #: 18837 Corporate Air Technology CRS AU3R384L

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Total 10

Carry Forward

Registration No		
, 18 wants	Cast Boote	No.
ALTIMETRY, ALTITUDE REPORTING AND TRANSPONDER TEST N# 8414Z S/N 28-8111082 DATE 10-1-02 TESTED TO 20,0 TESTED AND PASSED PER FAR 91.411 AND 43 APPENDIX E ALTIMETERS: #1 S/N V2758 P/N 5934PD-1	000 FT.	
AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM		1
#1 S/N 33966 P/N D120-P2-T STATIC SYSTEMS TESTED: PILOT		
TESTED AND PASSED PER FAR 91.413A AND 43 APPENDIX F TRANSPONDER #1 S/N 26708 P/N 066-1062-00 MODEL	KT 76A	
WORK ORDER# 14678 INSPECTOR TRACY KEEFER		
LAC AVIONICS INCORPORATED FAA CERTIFIED REPAIR STATION NUMBER FM4R185M		,
·		

	Aircre	aft Time	Recorder		AA
Date	This Date	Total	Reading		Maintenance
	Corporate Air T	Technology, 12	250 Aviation Av	e. suite 125, San Jo	se Ca 95110
			CRS AU3R384	L	
N841	14 Z 10	/01/2002	TT: 1744.1	Tach: 1744.1	WO# 20188
FAA/PM	A light weight	t geared start	ter (149-12M).	Prop cable adapt	placed starter w/never mount (PGC540
and power Weight a	r cable extens	sion (BCE-0), installed to a	accommodate nev	v starter installation
vacuum re C/W SB coated eff	elief filter (B3 856 stabilator fected fittings	-5-1) w/new r attach brac with CPC M	Replaced state cket corrosion IIL-C-16173D,	oilator tips (63584 inspection by vi grade 2. I certify	I-10GLOBE) w/ner sual inspection, as that this aircraft h
vacuum re C/W SB coated eff been insp	elief filter (B3 856 stabilator fected fittings	-5-1) w/new r attach brac with CPC M	Replaced state cket corrosion IIL-C-16173D,	oilator tips (63584 inspection by vi grade 2. I certify	I-10GLOBE) w/new sual inspection, as that this aircraft h
vacuum re C/W SB coated eff been insp	elief filter (B3 856 stabilator fected fittings bected in acco	r attach brace with CPC Mordance with	Replaced state cket corrosion IIL-C-16173D,	oilator tips (63584) inspection by vigrade 2. I certify spection and was	due 9/03. Replace 4-10GLOBE) w/new sual inspection, are that this aircraft has found to be in a CRS AU3R384
vacuum re C/W SB coated eff been insp	elief filter (B3 856 stabilator fected fittings bected in acco	r attach brace with CPC Mordance with	Replaced state cket corrosion IIL-C-16173D, an annual in	oilator tips (63584) inspection by vigrade 2. I certify spection and was	I-10GLOBE) w/new sual inspection, are that this aircraft has s found to be in a

Reaistration No.

CORPORATE AIR TECHNOLOGY
1250 Aviation Ave. suite 125, San Jose Ca 95110

N8414Z

9/8/2003

Tach: 1771.0

TT: 1771.0

Replaced fuel selector valve with new PN# 491-947, SN# 8536. The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under Work Order # 21361

Signed_

For Corporate Air Technology, CRS AU3R384L, Phone: 408-977-0990

CORPORATE AIR TECHNOLOGY

1250 Aviation Ave. suite 125, San Jose Ca 95110

11/18/2003

N8414Z

Hobbs: 1776.7

TT: 1776.7

WO# 21544

C/W ELT annual inspection per FAR 91.207 (d) OK for service. Replaced ELT battery PN# 00-10-009 with new (next due 9/05). Replaced turn limit placards PN# 582-783, and PN# 683-019 with new. C/W SB 856 stabilator attach corrosion inspection. Replaced stabilator trim barrel bearings (PN# 452-418, and PN# 452-413), barrel snap ring (PN# 484-747), and shims (PN# 494-097) with new, then rigged system. Adjusted stabilator limit stops to achieve full travel, then reset cable tensions. Replaced vacuum relief filter PN# B3-5-1, and inlet filter PN# D9-18-1 with new. Lower engine cowl removed for fiberglass repairs. New aluminum attach hole reinforcements laminated in during cowl repairs. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

Signed

For Corporate Air Technology CRS AU3R384L Phone: 408-977-0990

		Aircraft Time		Recorder	Maintenance
	Date	This Date	Total	Reading	Mainenance
	N# 8414 TESTED ALTIMET AUTOMAT #1 S/N STATIC TESTED TRANSPO TACH TI WORK OR INSPECT	AZ S/N 28-81. AND PASSED F TERS: #1 S/F TIC PRESSURE 33966 P/F SYSTEMS TEST AND PASSED F	11082 DATE PER FAR 91. V V2758 ALTITUDE H V D120-P2-1 TED:PILOT PER FAR 91. X2918 KEEFER PORATED FA	T 1-3-05 T 411 AND 43 P/N 5 REPORTING SY T 413A AND 43 P/N 066-01	5934PD-1
	-			3	
Total	l To y Forward				

Registration No	*	
<i>∴</i>		
CORPORATE AIR TECHNOLOG	Y	
1250 Aviation Ave. suite 125, San Jose Ca		
1/1/2005 N 5054E Airframe Tach: 1798.71 TT 3414Z	Γ: 1798.71 WO# 22817	
Complied with the following inspections and airworthiness directives:		
A amount 100 hour inspection		
2 FIT annual inspection per FAR 91.207 (d) OK for service (ELT battery n	next due 9/05)	
3. AD 95-26-13 oil cooler hoses		
4. SB 856 Stab attach corrosion inspection		
Replaced the following items:		
1. Instrument inlet filter PN# AAD9-18-1 2. Vacuum relief filter PN# B3-5-1		
2. Vacuum rener FN# B3-3-1 Performed the following repairs:		
1. Applied ACF-50 to inner surfaces of empenage and wings		
2. Cleaned corrosion from battery cables, and battery box shelf. Area treated	d with ACF-50	
3 Serviced all struts with nitrogen		
I certify that this aircraft has been inspected in accordance with an annu	ual inspection and was found	to be in
airworthy condition.		
Signed Vanne Klall		
For Corporate Air Technology CRS AU3R384L Phone: 408-977	7-0990	
		- 17
	1	

PATE AIR TECHNICION

CORPORATE AIR TECHNOLOGY 1250 Aviation Ave. suite 125, San Jose Ca 95110

2/6/06 N8414Z Airframe Hobbs: 1814.18 TT: 1814.18 WO# 23953

Complied with the following inspections and airworthiness directives:

- 1. Annual/100 hour inspection
- 2. ELT annual inspection per FAR 91.207 (d) OK for service (ELT battery next due 9/07)
- 3. SB 856 Stab attach fitting corrosion inspection

Replaced the following items:

- 1. Alternator noise filter PN# 63897-006
- 2. ELT battery PN# 00-10-009 (next due 9/07)
- 3. Instrument inlet filter PN# AAD9-18-1
- 4. Vacuum relief filter ARB3-5-1
- 5. Pilot and co-pilot seat height adjust assist gas struts PN# 06-10-080-31-025
 - 6. Pilot and co-pilot shoulder harness assemblies PN# 452-680

Performed the following repairs:

- 1. Removed light corrosion from stab attach support steel fittings, then coated with PN# 89500-800 corrosion preventative compound
- 2. Adjusted aileron and roll servo bridle cable tensions, then re-saftied

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

Tot Signed

For Corporate Air Technology CRS AU3R384L Phone: 408-977-0990

Registration 1	No.	5 2	
Registration			

Signature

Certificate No.



and Remarks

AVIONICS, Inc.

1250 AVIATION AVE. SUITE 110, SAN JOSE CA 95110

VOICE 408.295.4144 FAX 408.299.0600 FAA REPAIR STATION #FM4R185M

LOCATED AT THE SAN JOSE JET CENTER

ALTIMETRY, ALTITUDE REPORTING AND TRANSPONDER TEST
N# 8414Z S/N 28-8111082 DATE 3-8-07 TACH TIME:1834.3
TESTED TO AN ALTITUDE OF 20,000 FT. AND PASSED AS PER
FAR 91.411 AND FAR PART 43 APPENDIX E:
ALTIMETERS: #1 S/N V2758 P/N 5934PD-1
AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM
#1 S/N 33966 P/N D120-P2-T
STATIC SYSTEMS TESTED:PILOT
TESTED AND PASSED PER FAR 91.413A AND 43 APPENDIX F:
TRANSPONDER #1 S/N X2918 P/N 066-01156-0101 MODEL KT 76C
WORK ORDER# 14678
INSPECTOR TRACY KEEFER
LAC AVIONICS INCORPORATED FAA CERTIFIED
REPAIR STATION NUMBER FM4R185M

CORPORATE AIR TECHNOLOGY

1250 Aviation Ave. suite 125, San Jose Ca 95110 Tach: 1834.31 Airframe

3/20/07 TT: 1834.31 WO# 25050

Complied with the following	inspections and	airworthiness	directives:

- 1. Annual/100 hour inspection
- 2. ELT annual inspection per FAR 91.207 (d) OK for service (battery next due 8/08)
- 3. Piper SB 856 Stabilizer attach bracket corrosion inspection, OK for service
- 4. Piper SB 1006 Main spar corrosion inspection, OK for service

Replaced/Installed the following items:

- 1. Pilot yoke shaft universal joint PN# 62834-802
- 2. Right and left brake flex lines @ wheels (locally manufactured)
- 3. Vacuum relief filter PN# B3-5-1
- Instrument inlet filter PN# AAD9-18-1
 - 5. Right and left wing fuel tank vent flexible lines PN# 306-2

Performed the following repairs:

- 1. Adjusted aileron cables and stops per Piper MM 27-13-00
- 2. Repaired several cracks in lower cowl including inlet by grinding out damaged sections and building back up with fiberglass
 - 3. Re-bonded lower door seal using 3M 1300L
 - 4. Cleaned corrosion from battery cable terminal ends
 - 5. Resealed shimmy dampner, then serviced with MIL 5606

I certify that this aircraft has been inspected in accordance with a Annual/100 hour inspection and was found to be in an airworthy condition.

Signed

For Corporate Air Technology CRS AU3R384L Phone: 408-977-0990

CORPORATE AIR TECHNOLOGY

1250 Aviation Ave. suite 125, San Jose Ca 95110 5/22/08 N8414Z Airframe Tach: 1850.32 TT: 1850.32

5/22/08 N8414Z Airframe Tach: 1850.32 TT: 1850.32 WO# 26182

Complied with the following inspections and airworthiness directives:

- 1. Annual/100 hour inspection
- 2. ELT annual inspection per FAR 91.207 (d) OK for service (battery next due 8/08)
- 3. Piper SB 856 Stabilizer attach bracket corrosion inspection, OK for service
- 4. Piper SB 1006 Main spar corrosion inspection, OK for service

Replaced/Installed the following items:

- 1. Vacuum relief filter PN# B3-5-1
- 2. Instrument inlet filter PN# AAD9-18-1
- 3. Strobe power supply PN# 01-0770028-05, SN# 42449
- 4. Magnetic compass PN# C2400 W/R

Performed the following repairs:

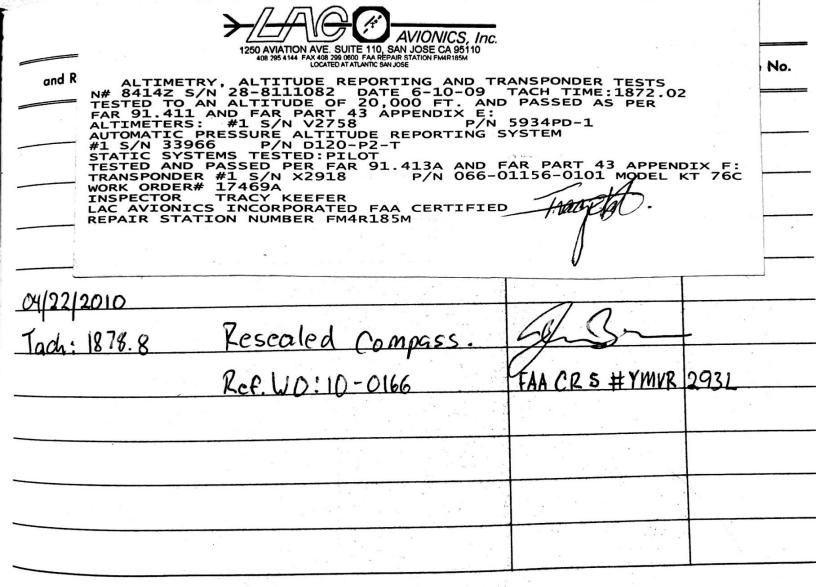
- 1. Re-bonded cabin door seal using 3M 1300L
- 2. Added spiral wrap to carburetor heat cable to eliminate chaffing on rudder torque tube
- 3. Re-installed left wing tip after repairing small crack with EA9309 structural adhesive
- 4. Adjusted elevator trim cable tension to 14 lbs.
- 5. Checked compass at airport compass rose to verify previous correction card settings.
- 6. Adjusted aileron stops to allow .030" cushion on control stops
- 7. Applied fiberglass repair to small crack in lower cowl right forward attach point
- 8. Repaired chaffed and shorted wires that caused strobe power supply failure

I certify that this aircraft has been inspected in accordance with a Annual/100 hour inspection and was found to be in an airworthy condition.

Signed Vanne Wills

For Corporate Air Technology CRS AU3R384L Phone: 408-977-0990

	Aircraft	Time	Recorder		
Date	This Date	Total	Readina		Maintenance
-			$M \doteq M$		
The state of		CORPORA	ATE AIR TECHNO	DLOGY	*
	. 1	250 Aviation Av	e. suite 125, San J	ose Ca 95110	
	6/9/2009 N8414			TT: 1871.9	WO# 27137
•					
Complied with	the following inspec	tions and airw	orthiness directiv	AC.	
1. Annual/100	hour inspection	tions and an w	of thiness directly	CS.	
	nspection per FAR 9	1 207 (d) OK fo	or service (hattery r	next due 12/10)	
Replaced/Instal	led the following ite	ms.	or service (battery i	iext due 12/10)	
	f filter PN# B3-5-1	<u> </u>			
	let filter PN# AAD9-	18-1			
	oard gear attach scre		and locking put F	DN# 404_530	Dr.
4. ELT battery F	PN# 00-10-009 (next	due 12/10)	, and locking nut i	11# 404-330	
Performed the f	following repairs:	ddc 12/10)			
	abin step hardware				
	I mixture stop tab to	allow full mixt	ire cut_off		
3. Replaced fade	ed compass card with	new ucing evic	eting heading come	ations	
4. Trimmed flan	handle plastic trim to	aliminate con	toot with alayetan	wine to a serious	
5. Re-sealed righ	ht hrake caliner then	blad system us	ing MII 5606 Ton	rim nousing	eservoir after bleeding.
and and right	at orace camper, then	oled system us	ing wiiL3006. Top	ped off brake re	eservoir after bleeding.
I certify that this	aircraft has been inc	nected in accou	donos with a A	!/100 b !	nspection and was found to be in
an airworthy con	dition	pecied in accor	dance with a Ann	uai/100 nour 11	aspection and was found to be in
- ^	dition.	<u>, </u>			
1 Signad	1/. 11	//			
Signed Vec	mus y ull				
- For Co	orporate Air Technological	ogy CRS AU3F	3841. Phone: 408	-977-0990	·



		Aircr	aft Time	Recorder		M - 1 - 1
Date	Th	is Date	Total	Reading		Maintenance
	Broug					
A	Number ircraft Make ircraft Serial ate			JNTAIN AIRE AVIATIO . Airport Road, Sonora		1878.8 1878.8
pi	attery due ressure ga	to be repla	aced 12/10. Secured Replaced clock with:	d mag switch in p a new Quartz clo line compartment	anel. Cleared on the ck. Applied new to Serviced nos	ed ELT per 91.207(d). obstruction from manifold w placards at fuel tank fillers. se strut with nitrogen. See struct with nitrogen. wn, A&P 2028525 IA
Total To Carry Forward						

nd Remarks				Signature	Certificate N
	London A	Aircraft Se	ervice Cent	er Inc	
			Drive South		
		L3HR3			
N8414Z	Model: Piper PA	28-236 s/n	#: 28-811082	Date: 0	05/18/10
	hips battery P/N RG-	AIRI	FRAME	W Piner MM 2	4-34-00.
Replaced S	Sarmin GPS 510 IAW	SSAAC SIN	100 0111 T	of D	1' l'-b4
	ormin I_PS SIII IA W	Garmin VI	M 190-01117	-04. Replaced i	anding light
IAW Piner	armin GPS 510 IAW MM 33-42-00. Altiti	Garmin Mi ude hold con	M 190-01117. itrol box inop	-04. Replaced is	is inop at
IAW Piper	MM 33-42-00. Altitu	ude hold con	M 190-01117- itrol box inop	. Altitude hold	is inop at
IAW Piper this time L	MM 33-42-00. Altitu AW Piper MM 23-10	ude hold con -00	itrol box inop	. Altitude hold	is inop at
IAW Piper this time IA SO 12318 In reference	MM 33-42-00. Altitu AW Piper MM 23-10 ce to the above work	ude hold con -00	itrol box inop	. Altitude hold	is inop at
IAW Piper this time L SO 12318 In reference for service	MM 33-42-00. Altitu AW Piper MM 23-10 ce to the above work	ude hold con -00	itrol box inop	s airworthy and	is inop at
IAW Piper this time IA SO 12318 In reference	MM 33-42-00. Altitu AW Piper MM 23-10 ce to the above work	ude hold con -00	itrol box inop	s airworthy and	is inop at
IAW Piper this time L SO 12318 In reference for service	MM 33-42-00. Altitu AW Piper MM 23-10 ce to the above work	ude hold con -00	itrol box inop	s airworthy and	is inop at
IAW Piper this time L SO 12318 In reference for service	MM 33-42-00. Altitu AW Piper MM 23-10 ce to the above work	ude hold con -00	itrol box inop	s airworthy and	is inop at
IAW Piper this time L SO 12318 In reference for service	MM 33-42-00. Altitu AW Piper MM 23-10 ce to the above work	ude hold con -00	itrol box inop	s airworthy and	is inop at

	ne-2010 WO# 3770/1 11082 PIPER PA-2				
DISCREPANCY: Door 1	Door lock Inop **** ock Inop olstery from door and normal at this time.	resecured door lock	c mechanism IAW PA-	-28-236 AMM 52-14-00, and	Pg1
DISCREPANCY: Instal ACTION: Removed ADF	Install electric AI l electric attitude i receiver, indicator ed cover plate p/n CP	ndicator and wiring harness.	Installed new ele eck was satisfactor	ectric attitude indicator	p/n 504-0006-95301 s/n
DISCREPANCY: Altitud			red altitude hold o	circuit breaker to inop s	ystem.
CRS UG6R0850 Dennis	nis Dlay 6	11/10	e on file at this r	epair station under the	work order mentioned above.
		9			
		i.			
Total To Carry Forward					·

ITEM: 2	1. Approving National Aviation Authority/Country: FAA/UNITED STATES AUTHORIZE FAA FORM 8130	ED RELEASE CERTIFIC 3, AIRWORTHINESS APPROV	AL TAG 2705	725
30 70 5	Cessna Aircraft C Cessna Parts Distributio	n Dept. 702		ntract/Invoice Number:
LOG ID# 659 01-July-2010 57 72 N8414Z S/N 28-8111082	6. ftem 7. Description: 8. Part Number: 30 TIRE 6.00X 606C61B1	9. Eligibility 10. Qu	1 000 67676	12. Status/Work:
**** ITEM # 3815-1 Install DISCREPANCY: Install repair ACTION: Installed repaired Items approved for return	AIRWORTHINESS APPROVAL - PART		PO# 77452	ation specified in block
rs ug6R0850 Dennis Gray	15. Authorized Signature.	Cartifles that unit Block 12 and des Title 14, Code of the Itama are approval/Authorization No.:	less otherwise specified in Block cribed in Block 13 was accompli- Federal Regulations, part 43 and proved for return to service.	13, the work identified in shed in eccordance with it is respect to that work the Approval/Certificate
27-10	17. Name (Typed or Printed): KENNETH E. WYSOCKI SR.	APR/07/2010	22. Name (Typed or Printed):	23. Data (m/d/y):
27-10 CH'1925.3 FE 6.006	It is important to understand that the existence of this document. Where the user/installer performs work in accordance with the nat specified in Block 1, it is essential that the user/installer ensures authority of the country specified in Block 1 Statements in Blocks 14 and 19 do not constitute installation cer accordance with the national regulations by the user/installer be	that his/her airworthiness authority acc	ince records must contain an insta	
7	FAA Form 8130-3 (6-01) Installer must cross-cred	K english with approximation		=
	RW. Robert	A\$P 338.	2327	

USAirports Flight Suppdation of the Suppdation o
Items approved for return to service. Pertinent details are on file at this repair station under the work order mentioned access.
CRS UGGRO850 Dennis Gray Date
7-27-10 REPLACED THE LEFT MAIN TIRE WITH A
TAPM' 1925.3 GOODYEAR GOOX 6 6 PLY TIRE PIN 606 CUBI.
LUBEDBEARINGS, SERVICED ALL TIRES, OK.
FOR RETURN TO SERVICE
Derek W. Robert Af 3382327

**** ITEM # 3859-1 Customer request engine oil and filter c ****
DISCREPANCY: Customer request engine oil and filter change.
ACTION: To gain access to oil draifi and filter, removed upper and lower cowling; dissconnecting landing light and intake duct. Drained oil and removed filter. Inspected filter and internal elements, no defects noted. Installed new filter P/N CH48103-1 and serviced with 11 quarts of Aeroshell 15w-50 aviation grade engine oil. Reinstalled cowlings and reconnected intake duct and landing light, ops check good. Ran aircraft, no leaks or defects noted at this time IAW Piper PA28-236 M/M 06-10-00, 12-12-00 and 71-11-00.

Items approved for return to service. Pertinent details are on file at this repair station under the work order mentioned above.

DOT: 28:10

CRS UGG6R0850 Michael H. LePore Date

Total To Carry Forward

USAirports Flight Support 1265 Scottsville Road Rochester, NY 14624 UG6R0850 LOG ID# 669 28-July-2010 WO# 3859/1 N8414Z S/N 28-8111082 PIPER PA-28-236 TACH 1929.4

1	ilowii.	le technical data			
	nd Remarks			Signature	Certificate No.
1	1927.7	Renoval	6 Reistilles	1 S-Tec PFG	<u> </u>
712	#0110-9 , social	±2857	After Rep	in By 5-Tec.	
	Paramed Grant				
	no proslems not	ed.	Ω	111	
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1	•		CO	#BZER 1445	
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	Aircra	ft Time	Recorder	
Date	This Date	Total	Reading	Maintenance
PRexAir Service Control Date 01-07-2011 Lycoming model: (Maintenance: Airfra Repaired cracked control with courequiredEND- Da	N8414Z Piper D-540-J3A5D ame WO# 2364 cooling baffle at # unter sunk AN42	PA28-236 S/ S/N: L-23070-40/ 3 cylinder with sc 6AD4-4 rivets. Re	N 28-8111082 A ab patch fabric emoved and str	
Lycoming model: O Maintenance: Engin The hot oil was drain	N8414Z Piper 0-540-J3A5D S ne WO# 2364 ned from the eng 1qts AeroShell 18	PA28-236 S/NS/N: L-23070-40A ine. The oil filter volume of AD oil. The	N 28-8111082 was replaced w	
Total To Carry Forward				

RexAir Service Center - 304 Citation Point Naples, FL - Tel. 238 04-22-2011 N8414Z Piper PA-28-236 S/N 28-8111082 Tach: 1970.04 Engine Lycoming: O-540-J3A5D S/N: L-23070-40A ETT: 1970.04 Maintenance: Airframe Annual WO# 2447 Performed Annual /100 Hr inspection IAW FAR 43 app(D). Opened inspection induction air filter with new Donaldson P/N P138683. Opened gascolator, fou Inspected and tested ELT IAW FAR 91.207, replaced battery with new P/N BF 13. Cleaned, inspected, and lubed left and right seat rollers, op's ck'ed good. If iberglass and painted. Replaced induction air duct with new P/N 565-843. Retreated, and painted. Replaced forward nose wheel fairing cover with new P/N from engine mount trusses, treated, and painted. CW AD2010-15-10 by inspereport, verified thru issue 2011-08, and signed. The engine was run up. Perfor this aircraft has been inspected IAW an annual inspection and is in airworthy of David M. Montgomery I.A.2234468	on panels and lubed flight count clean inside, closed, and P-1010, op's ck'ed good. EL Repaired lower cowl induction moved corrosion from nose 37926-803 and painted. Rection IAW SB1197C. Printermance was good and no lect	I safety wired. T battery exp 06- on air scoop with gear torque links emoved corrosion
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O		

NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104

AIRCRAFT:N8414Z DATE: 04/21/11 WO: 11913 TACH: 1970.4

PERFORMED BIANNUAL RECERTS (IFR) ON ALTIMETER P/N: 5934PD-1, S/N: V2758, TO 20,000'. RECERTIFIED TRANSPONDER MODEL: KT76C, S/N: X2918. PERFORMED ENCODING CORRELATION TEST TO 20,000'. ENCODER MODEL: DRO-P2-T, S/N: 33966. PERFORMED STATIC SYSTEM LEAK RATE TEST. ALL IAW FAR 43 APP E AND F.

ROBERT L. HOUSE

Total To Carry Forward

Registration No.____

USAirports Flight Support LOG ID# 793 20-July-2011 WO# 4452/1 N8414Z S/N 28-8111J82 PIPER PA- **** ITEM # 4452-1 GPS error msg RS429 DISCREPANCY: GPS error messege RS429 air ACTION: Found intermittent open wire for harness. Removed existing wiring and concentrated GPS and Nav/Com trays. Open Items approved for return to service.	28-236 TACH 1990.9 air data fail **** data fail KLN90B GPS RS429 airdata bus nnector for serial line jump rational checks were satisfact	s. Removed GPS and Na ers. Installed serial tory.	
CRS UGGRO850 Dennis Gray Date	<u>Ju</u>		
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USAirports Flight Support 1265 Scottsville Road Rochester, NY 14624 UG6R0850 LCG ID# 823 19-September-2011 WO# 4515/1 N8414Z S/N 28-8111082 PIPER PA-28-236 TACH 2001.6 TSMOH 2001.6

THE SECOND STREET, STR

Items approved for return to service. Pertinent details are on file at this repair station under the work order mentioned above.

**** ITEM # 4515-1 LH wing damaged durning taxi ****
DISCREPANCY: L/H wing damaged during Taxi.

ACTION: Removed and Replaced L/H Wing Outboard Leading Edge P/N-35118-849, Mid Leading Edge P/N-35118-828, Upper & Lower Outboard Stringers. Installed stall strip on new leading edge. Installed stall warning sensor on new leading edge. I/A/W AC43.13-1B Chapter 4-58.

RMK: Customer advised of operational check required for stall warning system.

**** ITEM # 4515-2 RH wing tip NAV light not illuminated ****
DISCREPANCY: R/H wing tip NAV light not illuminating.

ACTION: Removed and replaced R/H NAV lamp P/N-34-0414020-65. OPS check good.

CRS UG6R0850 Jason R. Spurlock Date

Total To Carry Forward

USAirports Flight Support 1265 Scottsville Road Rochester, NY 14624 UG6R0850 LOG ID# 800 04-August-2011 WO# 4481/1 HOBBS 1991.5 N8414Z S/N 28-8111032 PIPER PA-28-236

**** ITEM # 4481-1 Aux power plug intermittent ****
DISCREPANCY: Auxillary power plug intermittent
ACTION: Cleaned auxillary power jack and added ground wire. Operational check was satisfactory.
ACTION: Cleaned auxillary power jack and added ground wire. Operational check was satisfactory.

Items approved for return to service. Pertinent details are on file at this repair station under the work order mentioned above.

Janus Dray

8/4/2011

RexAir Service Center - 304 Citation Point Naples, FL - Tel. 239-649-8822

04-04-2012 N8414Z Piper PA-28-236 S/N 28-8111082 Tach: 2043.87 AFTT: 2043.87

Engine Lycoming: O-540-J3A5D S/N: L-23070-40A

Maintenance: Airframe Annual . WO# 2647

Performed Annual inspection IAW FAR 43 app(D). Opened inspection panels and lubed flight controls and stabilator trim jackscrew. Opened gascolator, found clean inside, closed, and safety wired. Complied with AD 76-07-12 Bendix Ignition Switch functional check, next due Tach 2143.87. Inspected and tested ELT IAW FAR 91.207,next due 4/2013. ELT battery exp 06/2013. Installed new vacuum central air filter p/n RAB-3-5-1, next due Tach. 2143.87. Made minor sheet metal repair to engine cooling baffle at cylinder # 2. Installed all new brake linings p/n RA-66-105. Cleaned, inspected and repacked all wheel bearings. Replaced several rusty lower wing panel screws with new stainless screws. Removed corrosion from propeller tips and face, prepped and painted. I certify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in an airworthy condition at this time. -END-

Robert Simmons

A&P 3074123 I.A.

= 04-04-2012 N8	frame WO# 2647 0 20 10-15-10 in acco	236 S/N 28-811	1082 Tach: 204 SB-1197D, no d	239-649-8822 43.87 AFTT: 2043.87 efects notedEND-
Blulin			2075.5	5-Tec #0110-4, serial # 2
				S-Tec #0110-4, Serial # 2 Reinstalled PFGC # 0110-4 mand Sec affected FA
		-		mond Dec attend FA
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Signature	Certificate No.
B	CN# B2E1445
	Signature

USAirports Flight Support 1265 Scottsville Road Rochester, NY 14624 UG6R0850 LOG ID# 946 22-August-2012 WO# 5072/1 N8414Z S/N 28-8111082 PIPER PA-28-236 TACH 2078.5

Pg 1/1

**** ITEM # 5072-1 RH brake pedal travels to floor with no ****
DISCREPANCY: RH brake pedal travels to floor with no brake pressure
ACTION: Troubleshot system found both RH and LH toe brake master cylinder internally faulty. Removed and disassemblied PAX RH toe brake master cylinder, visually inspected and replaced o-rings with new P/N 485-114 (x2), 484-675 (x1) and 752-584 (x1). Removed and disassemblied pilots RH toe brake master cylinder, visually inspected and replaced o-rings with new P/N 485-114 (x2), 484-675 (x1) and 752-584 (x1). Reassemblied and reinstalled both pilot and PAX RH toe brake master cylinders and performed brake bleeding procedures for LH and RH brake systems. IAW PA28-236 M/M 32-45-00 and 32-46-00.

Items approved for return to service. Pertinent details are on file at this repair station under the work order mentioned above.

LOG ID# 947 22-August-2012 WO# 5080/1 S/N 28-8111082 PIPER N8414Z PA-28-236

11.

**** ITEM # 5080-1 Left toe brake seeping on left side. ****

DISCREPANCY: Left toe brake seeping on left side.

ACTION: Removed pilot left toe brake cylinder. Replaced O-rings & bleed brakes. No leak noted & of check normal IAW PA28-236 MM 32-45-00 & 32-46-00.

James Sweeting CRS UG#R0850

Date

8-22-12

		1	
and Remarks	10/15/2012 Removed KG 102A S/N 31434 and installed overhauled KG 102 A S/N 10942. Function check ok.		Certifica
	Signature	w cl	
	TOMLINSON AVIONICS OF FLORIDA, INC. PH.239-936-6969, 511 DANLEY, PAGE FIELD, FT. MYERS, FL. FAA APPROVED REPAIR STATION NO. V6TR097X		
	This tag certifies that Sky-Tec Model No. 149-NL Serial No. FN-421232 was manufacturred new on 22 0ct 2012 by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement		
	No per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 27 §21.303) and conforms to the relevant FAA-approved drawings. This pert has been		
	determined to be airworthy. For installation eligiblility see www.skytecair.com/eligibility.htm Starter Installed on N 8 1 4 2 by		
· · · · · · · · · · · · · · · · · · ·	(Aircraft) (Mechanic) A+P3074123		*
	Form CC1108-1		

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NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104

REMOVED #2 COMM RADIO AND SENT TO SUN AVIATION, INC. OF VERO BEACH, FL FOR REPAIR, REINSTALLED RADIO AFTER REPAIR. RADIO OPS CHECKED GOOD. KY97, P/N: 064-1021-00, S/N: 70772.

FOR NAPLES AIR CENTER CRS X04R655M.

ROBERT L. HOUSE

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and Remarks		Signature	Certificate N
Nebo Aviation Services, LLC Charlotte Co LOG ID# 1730 18-March-2013 WO# 1448 N8414Z S/N 28-8111082 PIPER PA	4/3	Way Punta Gorda, FL 3398	2 N10R037B
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VIORO37B J.W.F. IJpkemeule	5/10/70/3	twakter oo oo oo Too daa kata ta	
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	and the state of		

	AIRCRAFT LOG	
Date Br	I certify that the altimeter, static system, transponder, and altitude encoder as required by FAR 91.411, 91.413 and 91.217 have been performed and found to be within limits of FAR 43 appendices E & By LASC Exc.	Maintenance
Fc	F. Tested to 20,000 By LASC Enc. Altimeter: 1 P/N 5934 PO-1 S/N 12758 Altimeter: 2 P/N N/A S/N N/A TXP: 1 P/N KT76C S/N X2918	
	TXP: 2,P/N	
	London Aircraft Service Center CRS L3HR317N Naples, FL 34104	

RexAir Service Center - 304 Citation Point Naples, FL - Tel. 239-649-8822

05-16-2013 N8414Z Piper PA-28-236 S/N 28-8111082 Tach: 2119.13 AFTT: 2119.13

Engine Lycoming: O-540-J3A5D S/N: L-23070-40A

Maintenance: Airframe Annual WO# 2976

Performed Annual inspection IAW FAR 43 app(D). Opened inspection panels and lubed flight controls and stabilator trim jackscrew. Complied with AD 76-07-12 Bendix Ignition Switch functional check, next due Tach 2219.13. Inspected and tested ELT IAW FAR 91.207,next due 05/2014. Installed new ELT battery exp 07/2015. Installed new vacuum central air filter p/n RAB-3-5-1, next due Tach 2219.13. Cleaned, inspected and repacked all wheel bearings. Installed new left side nose wheel bearing and race. Complied with AD2013-02-13 elevator cable inspection. Installed new right main Michelin tire p/n 071-317-0. Installed new left and right main gear top cap, installed all new seals and serviced. Installed right gear with new top bolts. Installed new nose struct inner barrel with all new seals and serviced. Removed corrosion from propeller tips and face, prepped and painted. Vertify that this aircraft has been inspected in accordance with an annual inspection and is considered to be in an annual inspection at this time. -END-

Robert Simmons

_A&P 3074123 I.A.

l. 239-649-8822 22.30 AFTT: 2122.3 bly p/n ASPA180DH00 key	code 8MA000597CK
	code 8MA000597CK
bly p/n ASPA180DH00 key	code 8MA000597CK
bly p/n ASPA180DH00 key	code 8MA000597CK
	1
p/n 031-00343-0003. Repair ck was satisfactory.	
this repair station under th	ne work order mentioned abov
•	ck was satisfactory.

Nebo Aviation Services, LLC Charlotte County Airport (PGD) 8000 Skylane Way Punta Gorda, FL 33982 N10R037B LOG ID# 1730 18-March-2013 WO# 14484/3 S/N 28-8111082 **PIPER** N84147 PA-28-236 **TACH 2113.7**

Pg 1/2

**** ITEM # 14484-1 Install GTN650 ****
DISCREPANCY: Install GTN650 GPS/NAV/COM
Model: PA28-236 Part#: N/A Serial#: 28-8111082
ACTION: Removed existing GPS antenna at FS106, P/N#071-01553-0200 S/N#08308 and installed GA35
GPS Antenna P/N#013-00235-00 S/N#89465. Removed existing KX155 Nav/Com P/N#069-1024-01
S/N#28213, KLN90B GPS P/N#066-04031-1121 S/N#23610 and MD41-324 annunciator S.N#2020. Removed
Loc Converter KN72 S/N#11329.
Installed new GTN650 P/N#011-02256-00 S/N#128011786. Interfaced unit with existing Century
autopilot and S-Tec Pitch Stabilisation System.
The GTN650 was installed i.a.w. AML STC#SA02019SE-D. Supplied AFMS Document 190-01007-A2 Rev.2
12/18/2012 and ICA 190-01007-A1 Rev.2 1/18/2012. The GA35 Antenna was installed i.a.w. AML
STC#SA02018SE-D. Provided ICA 005-00638-09 Rev.3 3/16/2012
Updated aircraft weight and balance and equipment list.

**** ITEM # 14484-2 Install Encoder ****
DISCREPANCY: Replace encoder
Model: PA28-236 Part#: N/A Serial#: 28-8111082
ACTION: Removed old altitude encoder P/N#5125-P3 S/N#33966 and installed new SSD120-30N-RS232
S/N#15799, interfaced with existing transponder KT76C and newly installed GTN650 via RS232.
Configured and tested GTN650, no problems noted. Leak checked static system and tested automatic pressure altitude reporting i.a.w. 14CFR43 App. E (A)(2) and (C), no problems noted.

**** ITEM # 14484-3 Replace COM antenna ****
DISCREPANCY: Replace COM antenna
Model: PA28-236 Part#: N/A Serial#: 28-8111082
ACTION: Removed bent and corroded antenna DMC70-1/A S/N#4378 and installed replacement CI-121
S/N#413860 at FS164. Sealed base, operational check good, no problems noted.

Carry Forward

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RexAir Service Center - 304 Citation Point Naples, FL - Tel. 239-649-8822

12-04-2013 N8414Z Piper PA-28-236 S/N 28-8111082 Tach: 2162.8 AFTT: 2162.8

Maintenance: Airframe WO# 3142

Tightened right front passenger seat recline knob set screw. Re-attached pilots right rudder pedal pad. -END-

M.Corrigan /// Carrigan A&P 1998658

RexAir Service Center - 304 Citation Point Naples, FL - Tel. 239-649-8822

02-11-2014 N8414Z Piper PA-28-236 S/N 28-8111082 Tach: 2170.2 AFTT: 2170.2

Maintenance: Airframe WO# 3199

Troubleshot inoperative instrument flood light and intermittent dome light, found both ground wires not installed and corrected by installing at base of GPS antenna. -END-

Robert Simmons_

A&P 3074123

RexAir Service Center - 304 Citation Point Naples, FL - Tel. 239-649-8822

Date 04-22-2014 N8414Z Piper PA-28-236 S/N 28-8111082 Tach: 2176.0 AFTT: 2176.0

Engine Lycoming: O-540-J3A5D S/N: L-23070-40A

Maintenance: Airframe Annual WO# 3258

Performed Annual inspection IAW FAR 43 app(D). Opened inspection panels and lubed flight controls and stabilator trim jackscrew. Complied with AD 76-07-12 Bendix Ignition Switch functional check, next due Tach 2276.0. Inspected and tested ELT IAW FAR 91.207,next due 04/2015.Installed new alternator belt p/n 73965-015 and new alternator to starter bracket p/n 78483-00. AD's checked through 2014-08. I certify that this Aircraft has been inspected in accordance with an Annual inspection and is considered to be in an Airworthy condition at this time. -END-

Robert Simmons

_A&P 3074123 I.A.

**** ITEM # 6055-1 DISCREPANCY: 0il le ACTION: Found oil p Items approved for	Oil leak under instr eak under instrument p pressure swith leaking	rument panel **** anel and replaced with p ertinent details are	7.8 n/n 587961. Ran er	Pg 1 Ingine and found no leaks. Repair station under the work order mentioned above.
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Total To				
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AIRFRAME Install a new Garmin GDL88 S/N 22001952 ADS-B transceiver IAW STC# SA02119SE. File FAA Form 337. Update aircraft weight and balance. Add AFMS and ICA to the aircraft records. Install a new Comant CI-105 antenna S/N 0202. Service nose and main tires. C/W Garmin SB1374 Rev A. Update GTN-650 software to main version 5.00, and Com version 2.12. Software is approved for installation and done IAW STC# SA02019SE-D. Update AFMS, ICA, and Pilot's Guides.	Signature	Certificat
The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under Service Order No. A57572 Dated: 7-22-14 FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020		

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Date	Aircraft Time		Recorder	
	This Date	Total	Reading	Maintenance

RexAir Service Center - 304 Citation Point Naples, FL - Tel. 239-649-8822

Date 04-15-2015 N8414Z Piper PA-28-236 S/N 28-8111082 Tach: 2237.2 AFTT: 2237.2

Engine Lycoming: O-540-J3A5D S/N: L-23070-40A

Maintenance: Airframe Annual WO# 3533

Performed Annual inspection IAW FAR 43 app (D). Opened inspection panels and lubed flight controls and stabilator trim jackscrew. Complied with AD 76-07-12 Bendix Ignition Switch functional check, next due Tach 2337.2. Complied with AD 13-02-13 by inspection of stabilator cables and turn buckles, next due 04/2016. Inspected and tested ELT IAW FAR 91.207, next due 04/2016. Installed new ELT battery P/N BP-1010, next due 06/2017. Installed new alternator to starter bracket P/N 78483-000 and 2 new bolts MS20074-05-06. Installed new nose tire P/N 070-314-0. Installed 2 new nose wheel bearings P/N LM29749 and 2 new cups P/N LM29710. Removed corrosion around ELT antenna base primed and painted. Installed new left brake line clamp P/N 63332-005. Rotated engine shock mounts. Installed new stall warning ground wire and connection. AD's checked through 2015-07. I certify that this Aircraft has been inspected in accordance with an Annual inspection and is considered to be in an Airworthy condition at this time. -END-

William Braybrooks_

A&P 3389241 IA

RexAir Service Center - 304 Citation Point Naples, FL - Tel. 239-649-8822

Date 04-21-2015 N8414Z Piper PA-28-236 S/N 28-8111082 Tach: 2237.2 AFTT: 2237.2

Engine Lycoming: O-540-J3A5D S/N: L-23070,40A

Maintenance: Airframe Annual WO# 3533

Removed top engine cowling and R/H wheel fairing for composite repair and paint. Re-installed both. See W/O #3533 for

William Braybrooks

A&P 3389241 IA