U.S. Department of Transportation Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS.		
	Fint or type all entries. See EAD 43.0. EAD 46.4 annually D. and AC 43.0.1 (or subsequent revision thereof) for instru	ctions
and diameter	Print or type all entries, See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instru	0110110
ariu disposition of	this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$	1 000 00
, , , , , , , , , , , , , , , , , , , ,	This febort is required by law (40 11 S.C. 1421). Failure to report can result in a civil penalty not to exceed \$\pi\$	1,000.00
for each such viola	ation (Section 901 Federal Aviation Act of 1958).	
Jack Such Alols	AUDI (Section 901 Federal Aviation Act of 1050)	
	1 Cucial Avialion Act of 1998).	

for ea	ach such	n of this form. Th violation (Section	nis report is required by 1901 Federal Aviation A	law (49 Act of 1	9 U.S 958).	S.C. 1421). Failu	re to report of	can result in a civ	il penalty n	not to exceed	\$1,000.00
		Make PIPER					Model PA:	34-220T		Н	
Serial No. 81-33054			54				Nationality 15E	and Registration	Mark		
2. C)wner	Name (As shi PREMIERE	own on registration cen AIRCRAFT LLC	tificate))		73 GREE	(As shown on re ENTREE DR ‡ DE 19904		certificate)	
			3. Fo	r FAA	Use	Only					
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	.,	T		it Iden	tifica	ation				5. Type	Τ
Ur	nit ————		Make —————————			Model		Serial No	o. 	Repair	Alteration
AIRFF	RAME		~~~~~~	As de	scrib	ed in Item 1 abov	/e) ~~~~	~~~~			Х
POWE	ERPLANT										
PROP	ELLER										
\PPLI	ANCE	Type Manufacturer									
					6 6	2-mf					
A. Ag	ency's Na	me and Address				Conformity State Kind of Agency	ement		C. Certif	icate No	
3250 OAK WAT	N SER LAND (ERFOR	RD, MI 48327	ERNATIONAL A		X	U.S. Certificate Foreign Certific Certificated Re Manufacturer	eated Mecha pair Station	nic	1519	9936	
hav	ve been n	nade in accordan	alteration made to the ace with the requirement correct to the best of my	ts of P	art 43	3 of the U.S. Fed	oove and des eral Aviation	scribed on the rev n Requlations and	verse or att	achments he oformation	reto
Date	11/2	8/2008		·		nature of Authoriz	zed Individua	n of	fm		
		SIGN				oval For Return					
Purs Adm	suant to ti ninistrator	he authority giver of the Federal A	n persons specified belowiation Administration a	ow, the ind is	unit	identified in item X APPROVED		ected in the mann	er prescrib	ed by the	
		Fit Standards ector	Manufacturer	х	Insp	pection Authoriza		Other (Specify	<i>(</i>)		
SY -	FAA	A Designee	Repair Station		Car	son Approved by nada Airworthines	ss Group				
ate o		or Rejection 3/2008	Certificate or Designation No.	dast)		nature of Authoria	zed Individu	al A Solli			

NOTICE Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable alrworthiness requirements. 8. Description of Work Accomplished. (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) 11-28-2008 N15EE REMOVED McCAULEY THREE BLADE PROPELLERS AND INSTALLED HARTZELL THREE BLADE PROPELLERS IAW STC SA649GL AND INSTALLED IAW INSTALLATION INSTRUCTIONS AND DRAWING B-4061 REV D DATED 2/8/08. UPDATED WEIGHT AND BALANCE IAW HARTZELL WEIGHT AND MOMENT CORRECTIONS.. ************END**** FASIMENE ALICE VELITY PORT TO THE Portanting Tri. SAT V 9-1 2-299 BULLANCE Contaming Statement A to know WE STONE 388816" to Transfer Turing e waste and Clarad single is to server out or had be one owner to help the office in the server of the original of the original of the original or the original original or the original original or the original - ramping and it Seminary Pathonizadin and I Fill chief A and the mainer prescribed on he The fair end we to be a ways exercised reserved to the interest CHICAGO TES CLIPLIA TRUE ALL Other (Specify) number of many realisance of THE PARTY Modernity in the state of the TIP BUT MILL Additional Sheets are Attached



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

Form Approved OMB No. 2120-0020

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Office Identification

NSTRUCTIONS: Print or type all entries, See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subs	sequent revision thereof) for instructions
and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can resu	It in a civil penalty not to exceed \$1,000.00
for each such violation (Section 901 Federal Aviation Act of 1958).	

for each such v	iolation (Section 90	sport is required by la 1 Federal Aviation Ac	aw (49 t at of 195	3.5.6, 1421). Fallul 58).	re to report of	can result iii a		(to exercise t		
	Make				Model					
1. Aircraft	PIPER			PA34-220T						
	Serial No.					and Registrat	ion Mark		—·	
	81-33054				158			116 (-)		
2. Owner	Name (As shown on registration certificate) PREMIERE AIRCRAFT LLC				73 GREI	(As shown on ENTREE DF , DE 19904	registration ce R # 534	rtificate)		
		3. For	FAA U	se Only						
				,						
		4 Uni	t Identi	fication				5. Type		
Unit	Ма	ake		Model		Seria	l No.	Repair	Alteration	
AIRFRAME	•	(As desc	cribed in Item 1 abo	ve) ~~~	. ~ ~ ~ ~ ~		Х		
POWERPLANT					3	30	10	• • •		
PROPELLER										
APPLIANCE	Type Manufacturer			\						
				6. Conformity Stat	tement					
A. Agency's Na	ame and Address			B. Kind of Agency			C. Certifi	cate No.		
Avantgarde				X U.S. Certificat	ed Mechani	С	1510	036		
6250 N SEF	RVICE DR	ΑΙΛΙΩΝΙΛΙ Δ	_	Foreign Certificated Mechanic			1319	519936		
	COUNTY INTER RD, MI 48327	(NATIONAL A	-	Certificated Repair Station Manufacturer						
D. I certify that	the repair and/or al	teration made to the with the requirement rect to the best of my	ts of Pa	dentified in item 4 a	bove and dedected	escribed on the on Requiations	e reverse or atta and that the in	achments he formation	reto	
Date 11/2	8/2008			Signature of Author	ized Individu		Lofin	<u>s</u>		
				pproval For Return						
Pursuant to t Administrato	he authority given p r of the Federal Avia	ersons specified belo ation Administration a	ow, the i	unit identified in iter X APPROVE		pected in the m	anner prescrib	ed by the		
Insp	A FIt Standards pector	Manufacturer	x	Inspection Authoriz	ation	Other (Sp	ecify)			
BY FA	A Designee	Repair Station		Person Approved b Canada Airworthine						
Date of Approv	al or Rejection 8/2008	Certificate or Designation No. 1519936	oglar.	Signature of Author JOHN F JOHNS	rized Individ	m 7	folin.	~		

N15EE

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DEL TRANSPIA ERECEART LLC

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished.

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

11-17-2008

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REPAIRED BELLY OF A/C BY REPLACEMEING THE FOLLOWING PARTS

1 EA 62528-00 HAT FWD

1 EA 62528-01 HAT FWD

2 EA 62221-00 HAT INBD LH & RH

1 EA 96349-02 HAT LWR OUTBD

1 EA 96349-03 HAT LWR OUTBD

1 EA 62544-00 HAT FWD LH

1 EA 62544-01 HAT FWD RH

1 EA 62558-00 HAT CENTER LH

1 EA 32558-01 HAT CENTER FWD

1 EA 68506-000 HAT MIDDLE RH SPLICE

1 EA 68612-000 HAT

1 EA 68609-804 HAT AFT OUTBD LH

1 EA 39535-003 HAT

1 EA 39535-002 HAT

1 EA 62554-000 FAIRNG

1 EA 66965-000 SCOOP

1 EA 68503 FAIRING

1 EA 68503-001 FAIRING

1 EA 62543-000 FAIRING

1 EA 95759-07 TRACK ASSY

1 EA 78547-00 FAIRING

1 EA 96790-002 ANGLE

1 EA 65898-800 SUPPORT LH FLAP

ALL PARTS WERE FACTORY NEW, ALL WORK COMPLEATED IAW AC43.13-1B CHAPTER 4 METAL STRUCTURE

27 1 2 1 CS C UI / SI

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Additional Sheets are Attached

US Department
of Transportation
Federal Aviation
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MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approval ONB No. 2120-0020

For FAA Use Only

Administration						0-09			
	S: Print or type all entries. See FAR 43.9 of this form. This report is required by law colation (Section 901 Federal Aviation Act		pendix B, an , 1421). Failu	d AC 43.9-1 (or s	subsequent revision to esult in a civil pena	hereof) for	r instructio	ns 000	
PIPER			Model PA-34-220T						
1. Aircraft	Aircraft Serial No. 34–8133054			Nationality and Registration Mark N15EE					
2. Owner	Name (As shown on registration certifical WESTERN WINGS CORP	, ,	2341 NW AV	own on registration ce IATION DR , OR 97470-1974		lum ző)			
		3. Fc	r FAA Use O	nlv					
3 NG-AF	requirements and subject to confor Date: 06/16/200	is approved mity inspection	only for the al on by a persor Inspector: John S. Fish	applicable airwort bove described air authorized in FA A Figure er NM FSDO 09	craft, R 43.7.	e(.)	report.	10, 02	
	4. [Init Identific	ation			_ r	5. Type		
Unit	Make		Model	tight of the second	Serial No.	v (***)	Repair	Alteration	
AIRFRAME		~ (As describ	bed in item 1 a	bove)			711)21	xxx	
POWERPLANT				·	Landary Comme	.] = 1	j 1	ı,	
PROPELLER					.50434	iyi . I/C		1000	
APPLIANCE	Type Manufacturer	1 (1) 1 (2) 2 (3)		- '	01 ille : 015 = ::::::::::::::::::::::::::::::::::::	-/5 1	- (*) . 	E	
		6. Conf	formity State	ment		·			
A. Agency's Nam	e and Address		nd of Agency			C Cert	ificate No.		
Flighteraft I			U.S. Certific	ated Mechanic			PR831D		
7777 N.E. Airport Way			Foreign Certificated Mechanic			A1, 3 & 4			
Portland, Oregon 97218							& 2R1, 2&3		
nereto have be information furn	t the repair and/or alteration made to een made in accordance with the r ished herein is true and correct to the	equirement best of my	identified in ts of Part 4 knowledge.	n item 4 above	and described on t Federal Aviation	he revers	2 & 3 I1, 2 se or atta ons and t	chments	
July 28	3, 2004		y Smith	au h	nd.				

Installed cooling fan to replace existing ram-air avionics cooling system. Installation consisted of the following:

- Ameri-King Corporation cooling fan Unit (FAA/PMA) P/N AK-950-F(5) at F.S. 54 behind the instrument panel.
- Associated air ducting hoses.

OEM ram-air avionics cooling system disabled by capping inlet scoop and removing existing ducting.

Protected the cooling fan with a 1-amp circuit breaker labeled "FAN" mounted in the co-pilots avionics buss.

Note: Continued Airworthiness of the Avionics Cooling System.

The cooling fan system should be inspected IAW the criteria outlined in the annual inspection procedures for Piper PA-34-220T. To revise this ICA, a letter must be submitted to the local FSDO with a revised FAA Form 337, and the revised ICA.

This installation was accomplished IAW the following data:

- Ameri-King Installation and Operation Manual, Model AK-950, Document No. IM-950, Rev D.
- AC43.13-1B chapter 11 section 3, paragraph 11-31 thru 11-33, section 4, paragraph 11-47, 11-48, section 5, paragraph 11-66, section 9, paragraph 11-115, thru 11-118 and 11-120, section 10, paragraph 11-135 thru 11-139, section 11, paragraph 11-146, section 12, paragraph 11-155 thru 11-159.
- AC43.13-2A Chapter 1, Paragraph, 4 through 12, and Chapter 2, Paragraphs 21 through 22.
- Installation per Flightcraft Drawing #182748-05

No change to aircraft weight and balance.

The equipment as installed complies with the requirements of CFR 14, Part 23.1301, 23.1309(a)(1) & (3), (b) & (c), 23.1357 (a) through (d), and 23.1431. This modification has been evaluated and found compatible with all previous alterations. All inspection records and other documents pertaining to this major alteration are on file at Flightcraft, PDX.

-End-

of Transportation

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

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OMB No. 2120-0020

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Federal Aviation Office Identification Administration INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of Federal Aviation Act of 1958). Make Model and box are the bevote at A smilet-PIPER PA-34-220T 1. Aircraft Nationality and Registration Mark Serial No. entitle ng. and to the 34-8133054 https://doi.org/10.1016 N15EE Address (As shown on registration certificate) Name (As shown on registration certificate) SATCHER, WILLIAM W. RT. 1 BOX 22 2. Owner KEYSVILLE, GA 30816 3. For FAA Use Only 5. Type 4. Unit Identification Alteration 1 Init Make Model Serial No. Repair AIRFRAME ----- (As described in Item 1 above) -----X POWERPLANT PROPELLER Type APPLIANCE Manufacturer 6. Conformity Statement B. Kind of Agency C. Certificate No. A. Agency's Name and Address X U.S. Certificated Mechanic A&P 297380062 JOHN R. SHEA Foreign Certificated Mechanic RT. 1 BOX 579-B Certified Repair Station TRENTON, SC 29847 D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Signature of Authorized Individual Date 3/02/98 7. Approval for Return To Service Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is IN APPROVED ☐ REJECTED Other (Specify) FAA Fit, Standards Inspection Authorization Manufacturer Inspector Person Approved by Transport Repair Station FAA Designee BY Canada Airworthiness Group Signature of Authorized Individual Certificate or Date of Approval or Rejection

Designation No. A&P297380062IA

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

3. Description of Work Accomplished

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Paugo A product

if more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

1. Installed STC SA01206AT, cowling nose bowl in accordance with LoPresti Speed Merchants Master Drawing List. Report No. 37, dated September 1, 1996, or later FAA approved revision, and in accordance with Seneca Nosebowl Installation Instructions LSM-200-402 Rev A dated 01/10/97.

2. Computed new aircraft basic empty weight and balance for this airplane. - BITE AL DISTRICT CHECKING THE S

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US Depa of Trans		

Federal Aviation

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

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	Make of the second	Model	1

	Make	PA-34-220T
1. Aircraft	Serial No.	Nationality and Registration Mark
1/1/	34-8133054	N15EE
2. Owner	Name (As shown on registration certificate) SATCHER, WILLIAM W.	Address (As shown on registration certificate) RT. 1 BOX 22
z. Owner		KEYSVILLE, GA 30816

3. For FAA Use Only

- f		4. Unit Identification		5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~~ (A	s described in Item 1 above) ~~~~	~~~		X
POWERPLANT					
PROPELLER					,
APPLIANCE	Туре				· · · · · · · · · · · · · · · · · · ·
	Manufacturer		32		
		6. Conformity Stateme	ent		
A. Agency's Nam	e and Address	B. Kind of Agency		C. Certificat	e No.
OHN R. SHEA		X U.S. Certificated			

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

Manufacturer

Date	
3/02	198

RT. 1 BOX 579-B

TRENTON, SC 29847

Signature of Authorized Individua

Foreign Certificated Mechanic

Certified Repair Station

7. Approval for Return To Service

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

APPROVED

REJECTED

T	FAA Fit. Standards	Manufacturer	X	Inspection Authorization	Other (Specify)
BY	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
		0 15 10 00		Signature of Authorized Individual	

Date of Approval or Rejection

Certificate or Designation No.
A&P2973800621

Signature of Authorized Individual

	tach additional s	heets. Identify with a		mark and date work completed.)	THE RESERVE TO SERVE
1. Installed STC SA Heavy Gauge Side 1 8/01/95.	N949NE insta Window Insta	llation of replace allation and Insta	ment windows in accordary llation Drawing List: Repo	nce with LP Aero Plastics, ort No. 952/CON, Rev. 1, d	Inc.
2. Computed new a	aircraft empty		nce for this airplane.		
	74 105	AL LLIVEY		RESIDENCE SPECIA	man
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and the second of the second o	241187 (6)		ermentin e late A	and Visit IV or well derivations is shall	
1 - el aller	many S	12-11-11-2	SLUM	200	linu
X	1	Since	· · · · · · · · · · · · · · · · · · ·	t fay the second	AME



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for each violati	on (Section 901 of	Federal Aviation Act of	f 1958).								
1	Make	THE WIT	111		mi - form	Model	- Inter- () - 1/4 -				
1. Aircraft	PIPER					PA-34-2		12			
I. Aircraft	Serial No.	in 25 of house	in do	N15EE					. // .] [() ()		
	34-813305	4							12: 4.3		
2. Owner	S.ATCHER	wn on registration certif , WILLIAM W.	ficate)	Address (As shown on registration certificate) RT. 1 BOX 22 KEYSVILLE, GA 30816							
				3.	For FAA Use O	nly					
				4.	Unit Identification	on ,		5. Type			
Unit	-	Make			Model		Serial No.	Repair	Alteration		
AIRFRAME	AME ~~~~~~ (As described				em 1 above) ~~~	~~~~		X			
POWERPLANT											
PROPELLER											
APPLIANCE	Туре										
-	Manufacturer					}					
	1		6.	C	onformity State	nent					
A manayda May	ma and Address		1 E	3. I	Cind of Agency			C. Certific	ate No.		
OHN R. SHEA	me and Address				U.S. Certificate	d Mechanic		A&P 29			
RT. 1 BOX 579-1	3				Foreign Certific	ated Mecha	nic				
TRENTON, SC			F		Certified Repair Manufacturer	Station					
heen made	in accordance wit	alteration made to the h the requirements of I prrect to the best of my	y knowled	dge	e U.S. Federal A	wation Regi	liations and tr	e reverse or atta nat the informati	achments hereto have on		
Date 8/02/98				Sig	A F A Al	zed Individu	fler				
6			7. App	FO	al for Return T	Service					
Pursuant to the	authority given pers	sons specified below, t I is 区 APPROVED	the unit id	len IEC	tified in item 4 wa	is inspected	in the manne	r prescribed by	the Administrator of the		
FAA	Fit. Standards	Manufacturer		Ins	pection Authoriza	tion	Other (Spe	ecify)			
	Designee	Repair Station			rson Approved by nada Airworthine						
Date of Approva	or Rejection	Certificate or		Signature of Authorized Individual							

NOTICE Weight and balance or operating lim

compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirement	s.
	m.
8. Description of Work Accomplished	700
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)	1 07.0
the state of the s	11111

1. Installed STC SA01038AT, Installation of composite construction wingtips with Hoerner chordwise section incorporating a clear plexiglass nose enclosure for aircraft lighting in accordance with LoPresti Speed Merchants

Master Drawing List Report No. 33, initial release date August 18, 1995 or Report No. 35, initial release date February 1, 1996.

2. Computed new aircaft basic empty weight and balance for this airplane. OIL U. AST SALETY LA A fee SAA type Out

3. 1 .. Through Chief Tonst a All A 0 11:3 TO THE WORLD old elizable

Additional Sheets are Attached

(C)	- Al no	MAJOR REI	PAIR	AN	D ALTERA	TION			1	m Approve	
US Department of Transportation	n (Air	frame, Power					ncel		- Or		
Federal Aviation	on				opener, or	chhite	iiice;		Off	Fo ice identifi	r FAA Use Only
Administration NSTRUCTION	S. Drint or to a all								1		
nd disposition or each violat	NS: Print or type all end of this form. This relief ion (Section 901 of F	ntries. See FAR 43.9, port is required by lavederal Aviation Act of	FAR 43 v (49 U. 1958).	S.C.	pendix B, and A 1421). Failure	C 43.9-1 (o report c	or sub an res	sequent r ult in a civ	evision vil pen	n thereof) talty not to	for instructions exceed \$1,000
	маке				,	Model					
. Aircraft	PIPER Serial No.			PA-34-220T Nationality and Registra N15EE							
\$			071411							lark	14
	Name (As shown	on registration certif	icate)					hown on	registi	ration certi	ficate)
2. Owner	SATCHER,	WILLIIW W.				RT. 1	BOX	22			
3						KEYS	VILI	E, GA	308	16	
				3.	For FAA Use C	Inly					
i											
1											
1	4. Unit Identification								5. T	ype	
Unit		іаке	Model				Ser	iai No.	F	Repair	Alteration
IRFRAME	~	~~~~~ (As de	scribed	in tte	em 1 above) ~~	~~~~~	~				
OWERPLAN		LEDYNE/CONTINENTAL TS103			360KB10B 268174-R			74-R			Х
ROPELLER											·
PPLIANCE	Туре	·							1		
The Part of the Pa	Manufacturer										
11				6. C	onformity Stat	ement				. · ·	
	ame and Address				(ind of Agency U.S. Certifica	ad Masha	nic			C. Certific	
OHN R. SHEA RT. 1 BOX 579				X	Foreign Certifica				-	A&P 29	7380062
RENTON, SC					Certified Rep						
-11		alteration made to th	e unit(s)) ider	Manufacturer	above and	descr	ibed on th	he rev	erse or att	achments hereto have
been ma furnished	hat the repair and/or de in accordance with herein is true and co	rrect to the best of n	y know	neag	e.			dolls allu	that u	ne anoma	
ate				Si	gnature of Auth	orized Indi		1 .			
/02/98			.7 A.	POPPO	val for Return		-				1
ursuant to th	e authority given pers	sons specified below,	the unit	ider	ntified in item 4			the man	ner pr	escribed b	y the Administrator of the
FA	e authority given person Administration and A Fit. Standards	Manufacturer	X		spection Author	ization		Other (S	Specif	y) .	-
	A Designee	Repair Station		C	erson Approved anada Airworthi	ness Grou	ıp				
Date of Appro	val or Rejection	Certificate or		Si	gnature of Auth	orized Indi	ividual				
	np 98	Designation No.			(son	61:19	10				

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

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(if more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

1. Removed six (6) TCM fuel nozzles P/N 633608 12D and installed General Aviation Modifications, Inc. turboGAMjector Kit No. GT360-12D, S/N 3480, STC No. SE0901SC, PMA NO. PQ821SW per turboGAMjector

Installation Procedure No. IP-97-003 (Rev N/C) Dated December 5, 1997. No change in weight and balance.

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US Department of Transportation Federal Aviation

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

Form Approved

OMB No. 2120-0020

For FAA Use Only
Office Identification

Administration	Office factuments.
INSTRUCTIONS: Print or type all antique Co. T.D. transfer	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent re	vision thereof) for instructions
The second of this felling felling by law (40 (1 S C 1471) Ealling to report can regult in a civil	penalty not to exceed \$1,000
for each violation (Section 901 of Federal Aviation Act of 1958).	portate of the control of the

		Make	TOTAL TRANSPORT	-30/.		Model						
		PIPER					-220T					
1. Airc	craft	Serial No.		3		National	-2201 lity and Regist	ration M	lark			
		34-8133054		141		1	NISEE					
2. Ow	ner	Name (As show) WILLIAM I	n on registration certific M. SATCHER	cate)	Address (As shown on registration certificate) P.O. BOX 36 KEYSVILLE, GA 30816							
850				3	. For FAA Use	Only		-, -	1			
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				4.	Unit Identifica	ation		5. T	уре			
, L	Jnit	1	Make		Model	5	Serial No.		Repair	Alteration		
AIRFRA	AME		~~~~~ (As de	scribed in I	ibed in Item 1 above) ~~~~~					X		
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1		Manufacturer								-		
				6. (Conformity St	atement						
A. Agen	cy's Name	e and Address			Kind of Agenc				C. Certific	cate No.		
PAUL R				X	U.S. Certific					2499599		
DANIEL		TION, INC. 0904	1	¥	Foreign Cer Certified Re Manufacture	pair Station	chanic					
ma	ade in acco	ordance with the re	Iteration made to the usequirements of Part 43 rrect to the best of my	3 of the U.S	. Federal Aviati	bove and de on Regulati	escribed on the	reverse e inform	e or attachm	nents hereto have been		
Date 1 03/05/9	98		1) •		Signature of Aut	R	M	i la				
			,	7. Appr	oval for Retur	n To Servi	ce (, *		1		
Pursuar Federal	nt to the au	thority given personal distriction and	ons specified below, the APPROVED	he unit iden	tified in item 4	was inspect	ed in the mann	er pres	cribed by th	e Administrator of the		
	FAA F	it. Standards ctor	Manufacturer	Ir	nspection Author	orization	Other	(Specif	y)			
вү	FAA [)esignee	Repair Station		Person Approve Canada Airwort			. ,	7 . 4			
Date of	Approval	or Rejection	Certificate or Designation No.	. 5	Signature of Au	thorized Ind	ividual					

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

INSTALLED LLUMAR ATR 05 CH SR HPR, WINDOW FILM, TO THE CABIN WINDOWS AND AT 70 GR SR HPR, WINDOW FILM, TO THE COCKPIT SIDE WINDOWS. INSTALLATION OF THIS FILM MEETS THE CRITERIA OF FAR 23.773, PARAGRAPH 1, 2, & 3, AND FAR 23.775 (D). THIS INSTALLATION IN NO WAY HAMPERS THE VISIBILITY OF THE CREW AND DOES IN FACT ENHANCE THEIR VISIBILITY DUE TO LESS GLARE. THIS FILM ALSO MEETS THE FLAMABILITY REQUIREMENTS OF FAR 23.853 (A). NO CHANGE IN WEIGHT AND BALANCE.

THE APPROVAL DATA USED FOR THIS INSTALLATION IS A PREVIOUSLY APPROVED FAA FORM 337 (SEE COPY ATTACHED) ON AN AUGUSTA AVIATION, INC. OWNED AIRCRAFT. INSTALLATION PERFORMED IN STRICT COMPLIANCE WITH THE PREVIOUSLY APPROVED FAA FORM 337.

END

High Performance Films

Type: High Performance	TR 05 CH SR HP
% Visible Light Transmission (at 550 nm)	8
% Total Solar Energy Rejection	62
36 Visible Light Reflection	
36 Ultra Violet Light Rejection	

CLEARLY THE BEST, GUARANTEED.



Premium Dyed Films

Type: Non-reflective AT 70 GF	SR HP
% Visible Light Transmission (at 550 nm)	73
% Total Solar Energy Rejection	20
% Visible Light Reflection	8
36 Ultra Violet Light Rejection	99

CLEARLY THE BEST, GUARANTEED.



US Department of Iransportation Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Administration

Office Identification, The state of the s

for each suc	h violation (Section	nis report is required by on 901 Federal Aviation	law (4	91).	S.C. 1421) F	ailure to rep	ott can result in a	trevision t	hereof) for in	structions	
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		n on registration cartili					ly and Registratio N61454	n Mark	• • • • · (A)	9	
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	N.E.	ta Aviation, In					ugusta, GA				
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ale of Approv	val or Rejection	Certificate or Designation No.		Sign <	ature of Auti	norized Indi	yidual /		-1		
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of Work Accomplished

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(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work completed.)

Installed Llumar ATR 05 CH SR HPR, Window Film, to the cabin windows and AT 70 GR SR HPR, Window Film, to the cockpit side windows. Installation of this film meets the criteria of FAR 23.773, paragraph 1, 2 & 3, and FAR 23.775(d). This installation in no way hampers the visibility of the crew and does in fact enhance their visibility due to less glare. This film also meets the flamability requirements of FAR 23.853(a). No change in weight and balance.

---END--

High Performance Fil

Type: High Performance ATR 05 CH SR HPR 96 Visible Light Transmission (at 550 nm) % Total Solar Energy Rejection 62 % Visible Light Reflection % Ultra-Violet Light Rejection.....

18 3712 127

CLEARLY THE BEST, GUARANTEED.



AT 70 GR SR HPR Type: Non-refloctive % Total Solar Energy Rejection 20 % Visible Light Reflection..... % Ultra-Vlolet Light Rejection.....

CLEARLY THE BEST, GUARANTEED.



Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of Work Accomplished

(If more space is required, attach additional sheets, Identify with alteralt nationality and registration mark and date work completed.)

Installed Llumar ATR 05 CH SR HPR, Window Film, to the cabin windows and AT 70 GR SR HPR, Window Film, to the cockpit side windows. Installation of this film meets the criteria of FAR 23.773, paragraph 1, 2 & 3, and FAR 23.775(d). This installation in no way hampers the visibility of the crew and does in fact enhance their visibility due to less glare. This film also meets the flamability requirements of FAR 23.853(a). No change in weight and balance.

Type: High Performance ATR 05 CH SR HPR 96 Visible Light Transmission (at 550 nm)..... % Total Solar Energy Rejection 62 % Visible Light Reflection % Ultra-Violet Light Rejection.....

CLEARLY THE BEST, GUARANTEED.



AT 70 GR SR HPR Type: Non-reflective % Total Solar Energy Rejection % Visible Light Reflection..... % Ultra-Violet Light Rejection.....

CLEARLY THE BEST, GUARANTEED.





US Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

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

The state of the s

		violation (Section 90 Make				Model							
. Airer	aft	PIPER					PA-3	4-2207	•				
		Serial No.	2054		Nationality and Registration Mark								
		34-813							N15EE				
		Name (As shown on	registration certific	cate)	Address (As shown on registration certificate)								
. Own	er	SATCHER,	WILLIAM W.			RT. 1	BOX 22						
					KEYSVILLE, GA 30816								
				3. Fc	or FAA Use On	lv							
			alrworthiness re	on-identifie quirements ft, subject AR 43, sect	d herein complie and is approved to conformity in	s with the applica only for the abo spection by a pers	V8						
				- 4	Signature of	AA Inspector			1				
		r	Date	4. U	nit identification	on III.			5. Type	1			
Un	it	Make			Model		Serial No.		Repair	Alteration			
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					Manufacturer								
	aug ha	that the repair and/or en made in accordan ed herein is true and o	ce with the require	ments of F	Part 43 of the L	em 4 above and I.S. Federal Avia	described on ation Regulat	the reversions and	se or attachm that the info	ents hereto rmation			
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ВŸ	F.	AA Designee XX	Repair Station	C	erson Approved anada Airworth	ness Group		1	,				
		roval or Rejection	Certificate or Designation No. YBZR594L	S	ignature of Au	horized Individ	whik no	y/l	2				

FAA Form 337 (12-88)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued contents. compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of Work Accomplished

(If more space is required, attach additional sheets, identify with aircraft nationality and registration mark and date work completed.)

INSTALLED THE FOLLOWING EQUIPMENT:

1-GPS NAVIGATION SYSTEM MODEL KLN-89B MFG'D BY KING S/N 4468 IN CENTER RADIO STACK AT STATION 62.30 IN ACCORDANCE WITH KLN-89B INSTALLATION MANUAL# 006-10522-0001, REV. 1, DATED JUNE 1995.

2-GPS ANTENNA WITH DOUBLER PLATE MODEL KA-92 MFG'D BY KING S/N15051 ON TOP OF FUSELAGE AT STATION 109.00 IN ACCORDANCE WITH KLN-89B INSTALLATION MANUAL# 006-10522-0001, REV. 1, DATED JUNE 1995.

3-GPS ANNUNCIATION AND SWITCHING SYSTEM MODEL MD41-524 TSO C129 MFG'D BY MID CONTINENT INST. S/N 3447 IN PILOTS INSTRUMENT PANEL AT STATION 64:00 IN ACCORDANCE WITH MD41-528 INSTALLATION MANUAL# 7016298, REV. 1 DATED JANUARY 24, 1996.

THE GPS IS COUPLED TO THE HSI AND AUTO PILOT THROUGH GPS ANNUNCIATION AND SWITCHING SYSTEM MODEL MD41-524(SEE PARA. 3 ABOVE FOR DETAILS) AND CAN BE SWITCHED BY ANNUNCIATOR PUSH BUTTON FROM NAV I TO GPS OR VICE-VERSA. PRIMARY NAV IS AUTOMATICALLY SELECTED WHEN ILS FREQUENCY IS DIALED ON No. 1 NAV RECEIVER (SEE ATTACHED WIRING DIAGRAM).

THIS IS A FOLLOW ON OF STC No. SA00244WI-D.

INSTALLED PLACARD: "GPS NOT APPROVED FOR PRECISION IFR APPROACH".

INSTALLATION IS IN COMPLIANCE WITH FAR 23.1431 AND FAR 23.1301.

STRUCTURAL INSTALLATION IS IN COMPLIANCE WITH FAR 23.561.

ELECTRICAL LOAD ANALYSIS WAS SATISFACTORY.

INSTALLATION WAS PERFORMED I/A/W AC43.13-1A CHAPTER 11 SECTIONS 2,3 ,4 AND 7 AND AC43.13-2A SECTIONS 1,2 AND 3.

THIS INSTALLATION MEETS REQUIRMENTS OF AC20-138, APPENDIX 1, PARA. 2 (a)(b)(c)(d). ALL GPS SYSTEM DISPLAYS AND ANNUNCIATORS ARE LOCATED WITHIN THE PILOT'S NORMAL FIELD OF VIEW. AND ALL GPS SYSTEM CONTROLS ARE LOCATED WITHIN EASY REACH OF THE PILOT. THE SYSTEM SWITCHES, ANNUNCIATORS, DISPLAYS AND FLIGHT DIRECTOR/AUTO-PILOT AND INSTRUMENTS ARE COMPATIBLE WITH THIS AIRCRAFT.

A FLIGHT EVALUATION WAS CONDUCTED USING AN FAA APPROVED FLIGHT PLAN. GPS SYSTEM MEETS THE REQUIRMENTS OF AC20-138, PARA. 8c(2)(iv), AND SYSTEM ACCURACY MEETS THE REQUIRMENTS OF AC90-45A, APPENDIX "A". A FLIGHT EVALUATION REPORT IS ATTACHED AS PART OF THIS FAA FORM 337.

FLIGHT EVALUATION PERFORMED BY:PILOT'S SIGNATURE

249 742381 CERTIFICATE#

In

FAA APPROVED FLIGHT MANUAL SUPPLEMENT DATE IS REQUIRED TO BE IN THE AIRCRAFT. SEE FAA APPROVED FLIGHT MANUAL SUPPLEMENT FOR LIMITATIONS.

THE GPS IS ADEQUATELY ISOLATED FROM THE HARMONIC INTERFERENCE CAUSED BY VHF TRANSMITTERS.

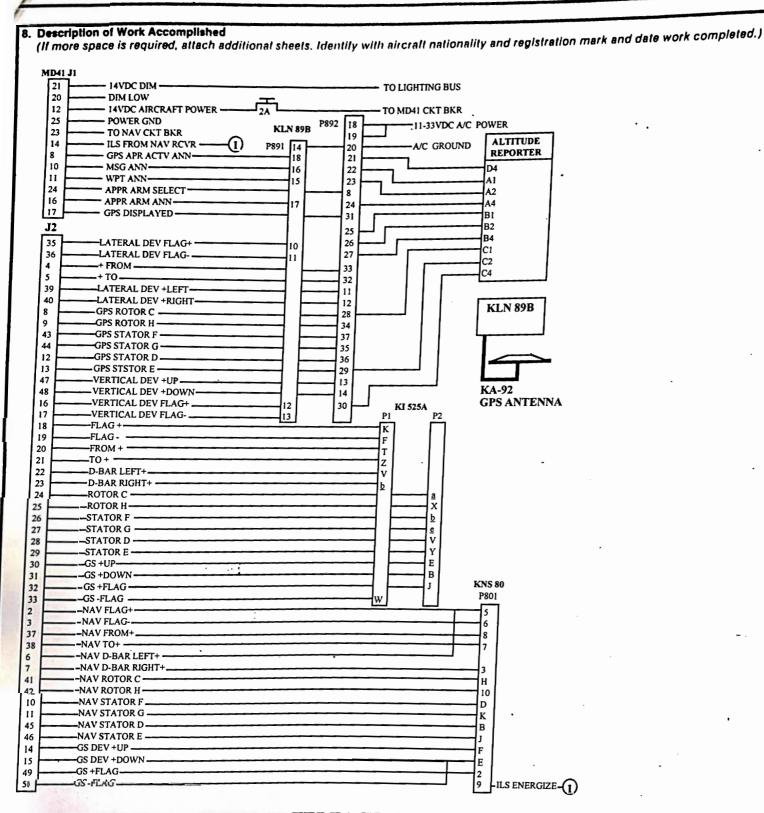
THIS AIRCRAFT IS EQUIPPED WITH AN APPROVED AND OPERATIONAL MEANS OF NAVIGATION APPROPRIATE TO THE ROUTE TO BE FLOWN.

WEIGHT AND BALANCE WAS RECALCULATED, AND GIVEN TO THE OWNER.

EQUIPMENT LIST WAS UPDATED, AND A LOGBOOK ENTRY WAS MADE TO REFLECT THIS INSTALLATION.

AN OPERATIONAL CHECK WAS PERFORMED ON THE GROUND, AND IN FLIGHT. UNITS INDICATED WORKING PROPERLY AND WITHIN MFGR'S SPECIFICATIONS. UNITS DID NOT ADVERSELY AFFECT THE EXISTING SYSTEMS OR COMPONENTS IN THE AIRCRAFT.

eight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.



in manuscrease and a contract of the first of

KLN-89B GPS SYSTEM INTERFACE WIRING DIAGRAM FOR PIPER MODEL PA-34-200T REGISTRATION #N15EE

FENERAL AVIATION ADMINISTRATION

MAJOR REPAIR AND ALTERATION

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

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INSTRUCT for instructi		De all crucies Sun B				AC 43.9-1 (or subsequent r	evision th	ereof)
1. AIRCRAFT	MAKE ()	PER 413305	4_		MODEL	20-34 TY AND REC	-2707 GISTRATION MA	.RK	
2. OWNER	NAME (As shown	on registration corrifica	IAM	m	ADDRESS (BOX VILLE	egistration certification	cate) 308/	6
			3. FO	R FAA USE ONI	<u>, Y</u>				
		4. UNI	T IDENTIF	ICATION			1	5.	TYPE
TINU		MODEL		SER	IAL NO.	REPAIR	ALTER-		
AIRFRAME	*****	***************************************	As describe	ed in item 1 ab	ove)	*******	••••		×
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PROPELLER		Ξ							
APPLIANCE	MANUFACTURER								. 4
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attachme and that	the information	een made in accorda furnished herein is t	rue and co	orrect to the	sest of my	knowledge.		tion Regi	lations
TUME.	16 1	995	-	FOR RETURN T	run	D INDIVIDUA	helf		
Pursuant to the Adminis	the authority giv	en persons specified l	below, the	e unit identific d is APP	ed in item 4	was inspect REJECTED	ed in the mann	er prescri	bed by
INSI	FLT. STANDARDS	MANUFACTURER	X	PECTION AUTHOR		OTHER (Special	(v)		17
BY FAA	DESIGNEE	REPAIR STATION	OF	NADIAN DEPARTM FRANSPORT INSE AIRCRAFT					
DATE OF APPREJECTION	PROVAL OR	CERTIFICATE OR DESIGNATION NO		SNATURE OF	AUTHORIZE	D INDIVIDU		5	7/

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. craft nationality and registration mark and date work completed.) Identify with air-A Low Thrust Detector System was installed in accordance with Advanced Aero Safety, Inc., FAA Approved Drawing list No. 101 and Drawing No. 101-1000, and approved by FAA Supplemental Type Certificate SA1007NW. Weight and balance is negligible. ADDITIONAL SHEETS ARE ATTACHED



US Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

	Make	tion 901 Federal Avia			Mod	del			. *	
1. Aircraft	PIP	ER	-	PA34-220T						
Serial No. 34-8133054					Nat	ionality	and Registratio			
							-		L5EE	
Name (As shown on registration certification					Add	ress (/	As shown on reg	istration (certificate)	
2. Owner	WILLIA	AM SATCHER					X 36 ILLE, GA	3081		-
				3. 1	For FAA Use Only					
			MAN 40 0 VIII	_	—			·		
				4. 1	Unit Identification				5. Type	
Unit		Make			Model		Serial No		Repair	Alteration
AIRFRAME			(As desc	cribe	d in Item 1 above) 🗸					
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POWERPLAN	CONTINEN	•	LTS	103	O360KB6B 26841			8415-R		X
PROPELLER										
	Туре									
APPLIANCE	Manufacturer						·			
			6	. Co	informity Statement					-l
A Agency's	Name and Addres	S		B.	Kind of Agency	**		C. Cer	tificate No	42
A. Agono, o	,			X	U.S. Certificated Med	chanic				,
	. SHEA				Foreign Certificated		nic .			
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TRENTO				<u>L</u> .	Manufacturer					
have h	oon made in accord	I/or alteration made dance with the requi nd correct to the bes	rements	Of P	art 43 of the U.S. Fe	bove a deral	nd described on Aviation Regulat	the revers ons and	se or attachme that the infor	ents hereto mation
Date 5/0	4/95			Sig	nature of Authorize	d Indiv	add of the			, se
			7. Ap	prov	al for Return To Sei	vice			1	
Pursuant i	to the authority gi	ven persons specific Aviation Administrat	ed below	w, th	e unit identified in	item 4	was inspected i	n the ma	nner prescri	bed by the
F	AA Flt. Standards	Manufacturer		1	pection Authorization	-	Other (Specify)		2007	
3Y -	AA Designee	Repair Station		Pers	son Approved by Tra ada Airworthiness G	nsport				

Date of Approval or Rejection

5/04/95

FAA Designee

Certificate or Designation No. 297380062 Canada Airworthiness Group Signature of Authorized Individual

Des	scription of Work Accomplished more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
•	REPLACED THE FIXED WASTEGATE WITH A TURBOCHARGER DIFFERENTIAL PRESSURE CONTROL SYSTEM IN ACCORDANCE WITH MERLYN PRODUCTS, INC. INSTALLATION REPORT NO. 18-1, REVISION B, DATED MARCH 17, 1989, AND DRAWING LIST NO. TDL-18-1, REVISION B, DATED MARCH 17, 1989, OR DRAWING LIST 21-TDL-1, DATED JANUARY 15, 199 OR DRAWING LIST 20-TDL-1, DATED DECEMBER 30, 1989, OR LATER FAA APPROVED REVISION. COMPLETED NEW WEIGHT AND BALANCE ADDING 4.0 POUNDS AT STATION 64.
	END



of Transportation

Federal Aviation

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

Administration	n								
INSTRUCT and disposi for each su	TONS: Print or type all entries. See FA tion of this form. This report is require ch violation (Section 901 Federal Avia	R 43.9, I	FAR 4 v (49	43 Appendix B, a U.S.C. 1421). Fa 1958).	ind AC 4	3.9-1 (or subseque report can result in	nt revision a civil pena	thereof) for in alty not to exc	nstructions eed \$1,000
	Make				Model				
1. Aircraft	PIPER				Model	PA34-	220т		
Alleran	Serial No.				Nation	ality and Registrati			
	34-8133054					15EE	on man		
	Name (As shown on registration ce	rtificate	9)			s (As shown on reg	istration o	ertificate)	
2. Owner	WILLIAM SATCHER				PO I	BOX 36 SVILLE, GA		,	
			3.	For FAA Use Or	ıly				
			A 1	Unit Identificatio				5. Type	
Unit		T	7.	Om identification	<i>/</i> (1			J. Type	T
	Make			Model		Serial No	ο.	Repair	Alteratio
AIRFRAME	(As desc	ribe	d in Item 1 above	e)				х
OWERPLANT									
ROPELLER									
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. Agency's Na	ame and Address		В. І	Kind of Agency			C. Certif	ficate No.	
	JOHN R. SHEA		X	U.S. Certificated					
	RT. 1 BOX 579-B			Foreign Certifica					
	TRENTON, SC 29847			Certificated Repa	ir Station	<u> </u>	A&P29	7380062	2
				Manufacturer					

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

	unitalica nerem la tracal	ia comparto ino poet	J,		
ate				Signature of Authorized Indivi	dual
	5/04/95			gal	a sh
	43.00		7. Ap	proval for Heturn To Service	
Purs	uant to the authority given inistrator of the Fiederal	en persons specified Aviation Administratio	belov n and	v, the unit identified in item 4 is ☑ APPROVED ☐ RE.	was inspected in the manner prescribed by the JECTED
	FAA Fit. Standards Inspector	Manufacturer	х	Inspection Authorization	Other (Specify)
Y	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
ate of	Approval or Fejection	Certificate or Designation No.		Signature of Authorized Individ	dal dal

B. Description of Work Accomplished (If more space is required, attach additional she	ets. Identify with aircraft nationality	and registration mark and date work co	ompleted.)
1.INSTALLED STCSA4927NM BY WITH STC SE4731NM BY MERI CONTROL SYSTEM.	REPLACING FIXED WAS	STE GATES IN ACCORDANT IFFERENTIAL PRESSURE	ICE Hamia
2.ADDED MERLIN PRODUCTS INC SUPPLEMENT TO THE PIPER S AIRPLANE FLIGHT MANUAL.	C. FAA APPROVED AIR SENECA 3. PA 34-22	PLANE FLIGHT MANUAL OT FAA APPROVED	arra C
3.COMPLETED NEW WEIGHT & BA	ALANCE ADDING 4.0 PO	OUNDS AT STATION 64.	
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PERSONAL AVIATION ADMINISTRATION

MAJOR REPAIR AND ALTERATION

REJECTION

16 1995 TA2220724

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

				ther, or Applia							
INSTRUC	TIONS: Print or t	ype all carries. S	ee FA	R 43.9, FAR 43 App	endix B, and	AC 43.9-1 (or	subsequent	revision t	hereof)		
	MAKE O		e		MODEL	00 00					
1. AIRCRAFT	SERIAL NO.	ER		174-34-2707							
	34 -	413306	-1	_	NATIONAL	ITY AND REGIS	TRATION M	AŖK			
	NAME (As shown	on registration men	ificate		ADDRESS (stration certi	ficate)			
2. OWNER	/	, 1		M	P.C	1. Box	36		, ,		
	SATCH	er Wil	11/	3. FUR FAA IISE ON	114	SVILLE,	61-1	3081	6		
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POWERPLANT		:									
			1	: :							
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APPLIANCE	MANUFACTURER			· ·							
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	nton, Wa	98056	ade t	the unit(s) ident	ified in item	1 4 above and	described o	n the reve	rse or		
attachman	es hereto have he	en made in accord	dance	with the requirement and correct to the	nts of Part 4	3 of the U.S. F	ederal Avia	tion Regu	lations		
ATE	the injoination is	diffished herein to		SIGNATURE OF			1				
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Y -	DESIGNEE	REPAIR STATION		CANADIAN DEPARTME OF TRANSPORT INSPE OF AIRCRAFT							
ATE OF APPI	ROVAL OR	CERTIFICATE OR DESIGNATION N	0.	SIGNATURE OF	AUTHORIZED	INDIVIDUAL	/	97			

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. craft nationality and registration mark and date work completed.) Identify with air-

A Low Thrust Detector System was installed in accordance with Advanced Aero Safety, Inc., FAA Approved Drawing list No. 101 and Drawing No. 101-1000, and approved by FAA Supplemental Type Certificate SA1007NW. Weight and balance is negligible.



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

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	Form Approved
	OMB No. 2120-0020
	For FAA Use Only
	Office Identification

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and dispos	ilion of this form.	1 his	Il entries. See FAR 43. report is required by 901 Federal Aviation	law //	70110	Appendix B, and AC 43.9-1 S.C. 1421). Failure to repor 58).	(or subsequent t can result in a	t revision the civil penal	nereof) for ins ty not to exce	tructions ed \$1,000
	Make					Model				
1. Aircraft		F	PIPER			PA-	34-220T			
	Serial No.	. ૩[1-8133054			•	and Registratio	n Mark		
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Unit		Mak	ке		_	Model	Serial No	o.	Repair	Alteration
AIRFRAME		•••	(As	desci	ribed	in Item 1 above)				Х
POWERPLANT	Г									
PROPELLER										
	Туре									
APPLIANCE	Manufacturer		•							
				6	1	nformity Statement				
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Route	e 6, Tom 1	В.	David Airp	ort	 	Foreign Certificated Mechan Certificated Repair Station	ic	\dashv		•
Calho	oun, Ga	307	701	ļ		Manufacturer		\dashv		
have be	een made in acco	rdan	r alteration made to the nce with the requirent correct to the best of	nents	of Pa knowl	identified in item 4 above ar art 43 of the U.S. Federal A vledge.	Aviation Regula	n the revers	se or attachm that the infor	ents hereto mation
Date SEI	PTEMBER 1	8,]	L987		Sigr	nature of Authorized Indiv	Juan	<i>T</i>		
				7. Ap	prov	al for Return To Service				
Pursuant Administra	to the authority of the Federa	giver al Av		below	w, the	e unit identified in item 4	was inspected	in the ma	anner prescr	ibed by the
F	AA Fit. Standards ispector	1	Manufacturer	Х		pection Authorization	Other (Specif	(y)		
BY	A A Dosignee		Repair Station		Pers	son Approved by Transport				

Date of Approval or Rejection

SEPTEMBER 18,1987 IA 151966

FAA Designee

Repair Station

Signature of Authorized Individual

Person Approved by Transport Canada Airworthiness Group NOTICE

eight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration means are appropriate aircraft record. An alteration means are applicable airworthiness requirement of the substitution of the second states are applicable airworthiness. The substitution is a second substitution of the s

If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

INSTALLED SEA WINGS INC SPEED ENHANCEMENT KIT AS PER STC SA 139350, REPORT SW200, PART 11, AND INSTALLATION INSTRUCTIONS, REVISION "C".

ALL WORK TO FAR 43.13-1 AND APPLICABLE INSTALLATION DRAW-INGS SW 1000. WEIGHT AND BALANCE AND EQUIPMENT REVISED. FUNCTIONAL TEST SATISFACTORY FOR RETURN TO SERVICE. END

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1 portions in

Form 337 - Speed Kit	
Parts:	
162 - CR163-4-4 rivets	
2 - CH 48108 oil filters	
2 - Oil Analysis Kit	
16 - Qts Shell 50W oil	
Kit - Owner furnished	

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DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

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

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION

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INST:	RUCT structi	IONS: Print or ty ons and disposition	pe all entries. See on of this form.	FAR	43.9,	FAR 43 Appe	endix B, and	AC 43.9-1 (or subsequent	revision t	hereof)
		MAKE					MODEL				
1. AIRC	RAFT	Piper	3				PA34-220T				
		SERIAL NO.					NATIONALITY AND REGISTRATION MARK				
			1-33054				1	15EE		_	
0 010		NAME (As shown	on registration certifi	cate)			ADDRESS (/	As shown on re	gistration certif	icate)	
2. OWN	EK						D 0 Dev	. DI VIII	-weep 6 (2001	16
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atta	chme	nts hereto have be	nd/or alteration ma en made in accord urnished herein is t	ance v	vith :	the requiremen	nts of Part 4	i3 of the U.S.	Federal Avia	n the reve tion Regu	lations
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7 7	FAA	FLT. STANDARDS	MANUFACTURER		INSE	PECTION AUTHORI	ZATION	OTHER (Specify)			
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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

INSTALLED 3M RYAN WX-10 WEATHER MAPPING SYSTEM.

STORMSCOPE COMPONENTS INSTALLED AS FOLLOWS:

- 1) 280D40 DISPLAY- CO-PILOT INSTRUMENT PANEL. ARM 60.60,
- 2) 380D03 PROCESSOR- FWD. BAGGAGE COMPARTMENT. ARM 21.58.
- 3) 378B13 ANTENNA- BOTTOM REAR OF AIRCRAFT ARM 195.80.

THE ABOVE EQUIPMENT WAS INSTALLED PER 3M RYAN STORMSCOPE INSTALLATION AND TECHNICAL MANUAL USING CRITERIA AS RECOMMENDED BY 3M RYAN. ALL EQUIPMENT INSTALLED USING PRACTICES AS RECOMMENDED IN A.C. 43.13-1A AND 43.13-2A.

TESTS AND CALLIBRATION METHODS WERE CONDUCTED AS PER 3M RYAN INSTALLATION AND TECHNICAL MANUAL AND EQUIPMENT WAS FOUND TO BE OPERATING AS PER MANUFACTURERS SPECIFICATIONS. CHECKS WERE MADE TO ENSURE ALL EQUIPMENT FUNCTIONED AS INTENDED.

A FLIGHT TEST WAS CONDUCTED WITH ALL SYSTEMS AND EQUIPMENT OPERATING. ALL SYSTEMS WERE CHECKED FOR INTERFERENCE FROM STORMSCOPE WITH SPECIAL ATTENTION TO THE NAV-COM, MARKER BEACON AND ADF SYSTEMS. NO INTERFERENCE WAS PRESENT. THE STORMSCOPE WAS ALSO CHECKED FOR PROPER OPERATION WITH ALL SYSTEMS AND EQUIPMENT OPERATING. NO INTERFERENCE WAS NOTED IN THE STORMSCOPE DISPLAY.

NEW WEIGHT AND BALANCE DATA AND EQUIPMENT LIST REVISED. LOG BOOK ENTRY MADE AND COMPASS CHECKED.

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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

DATE

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		IRCRAFT COMPONENT IDENTIFIC	ATION
	MODEL NO.		NAME OF APPLICANT
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Lab I.D.: #8589	12-Second Ve	rtical Bunsen Burner	Flammability Test
Dated: 12/19/97			

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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION EMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS						12/19/97	
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APPLICABLE REQUIREMENTS	(List specific section	10)					
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CERTIFICATION - Under aut	thority vested by dir	ection of the A	dministrator	and in accord	ance with	conditions and limitati	
of appointment under Part 18:	3 of the Federal Avi	ation Regulation	ons, data list	ed above and	on attache	d sheets numbered	
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