N5288J 1976 Cessna 421C

FAA Form 337s

MSN: 421C-0158



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

3
U.S. Department
of Transportation
Federal Aviation
Administration

FAA Form 337 (10-06)

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

Form Approved Electron OMB No.2120-0020 2/28/2011

Electronic Tracking Number

dminis	tration					_	-					
and dis	sposition											vision thereof) for instructions nalty for each such violation
4		National	ity and Re	gistrat	tion Mark	Serial No. 421C-0158						
1. Ai	rcraft											
		Make Cessna	ı						Model 421C			Series 421
				_	istration certificate)					nown on registra		ertificate)
2. (Owner	Borders	s 421 LL	С					City Pic	O Beverly Ro o Rivera		State CA
									Zip 906	60-2135 Co	untry	USA
					3. F	or	FA	A Use Onl	/			
	4. Ty	ne		=	5 []	nit	Ide	entification		·············		
	T. 191					1111	-		· · · · · · · · · · · · · · · · · · ·			
Re	pair A	Alteration	Ur	nit 	Mak	e 			Model			Serial No.
		X	AIRFRA	ME				_	(As described in item 1 abov			
			POWER	RPLAN	NT							
	7		PROPE	LLER								
			***		Туре							
			APPLIA	NCE	Manufacturer						ļ	
					6. C	onf	for	mity State	nent			
A. A	gency's	Name and	Addres	ss		\top		B. Kind of				
Name	Air In	npressions Ir	nc			\exists		U.S. Certifica	ted Mechanic			Manufacturer
Addres	s 7929	Karl May Dr	<u>. </u>			.		Foreign Certi	ficated Mechanic		C.	Certificate No.
City	Wac	0	State Tx					Certificated F			AK	(6R541N Airframe Class III
Zip 76708 Country USA						X		laintenance Organi	zation		wer Plant Class I	
h in	ereto ha nformati	ave been r on furnishe	nade in ed herei	acco n is ti	eration made to the unit rdance with the requiren rue and correct to the be	nen est o	ts of	of Part 43 omy-knowled	of the U.S. Fede			
	ed range Part 43			ignati	ure/Date of Authorized I	ndív	ıΙd	ual)				
				\leftarrow	770		L	Dot:	- Ci	Bobby Par	ker	11/01/2018
				_				or Return T	·			
	the Adr	ninistrator	of the F	giver eder	n persons specified below al Aviation Administratio	w, t	he nd	unit identif	ed in item 5 wa ROVED	s inspected in REJECTE		manner prescribed by
BY		AA Fit. Star nspector	ndards		Manufacturer			Maintenan	ce Organizatior	De	partme	Appoved by Canadian ent of Transport
		AA Desig		Х	Repair Station				Authorization	Other (Spec i	ity)
Certifi	cate or D	esignation N	0.		Signature/Date of Auth	`	ze	d Individual				
AK6R	541N				Jolly	2	Z		Bobby Par	ker 11/01/20	18	

8. Description of Work Accomplished (If more space is required, attach addition	onal sheets. Identify with aircraft nation:	ality and registration mark and date work complete	ed l
(ii more space is required, ditaon addition	rial sheets. Identity with different rialions	and registration mark and date work complete	
	N5288J	11/01/2018	
	Nationality and Registration Mark	Date	
Installed external AFT body strakes I/A/W SA01935LA, Rev. IR per STC SA01935LA	FAA approved Aircraft Performance Mod.	difications Master Drawing List as listed in AML No	D.
Installed McCauley MC1 Synchrophaser and dated 8/07/2018	nd Governors I/A/W RAM Dwg. No. 140	6, Rev. N dated 8/23/2003 per FAA form 8110-3	
Aircraft weighed and new weight balance	computed		
Pertinent details are on file under work ord	er 4644		
	END		
	,	e	
	Additional Sheets Are Attache	ad	

tlb-ram-18056-p-421C-0158 MC1 propsync

U.S. DEPARTMENT OF TRANSPORTATION

STATEMENT OF (FEDERAL AVIATION AT COMPLIANCE WITH	OMINISTRATION AIRWORT	∖ 'HINESS STANDARDS	August 7	, 2018			
	AIRCRAFT OR	AIRCRAFT C	OMPONENT IDENTIFICATION	N				
2. MAKE	3. MODEL NO.		aft, Engine, Propeller, etc.)	5. NAME OF APPLICAN				
Cessna	Aircraft RAM Aircraft, L.P. 7505 Karl May Dr Waco, TX 76708							
		LIST O	F DATA					
6. IDENTIFICATION			7. TITLE					
RAM Drawing no. 1406, revision N dated 08-28-2003	-		& Governor Inst'l					
Background:	McCauley MC-1 sy 0801 and on. Th Cessna 340 and 4 latter approved to verify that t	ncrophase e RAM dra 14 to the Cessna co he system	-PMA certification r system on Cessna wing 1406 is FAA-ST MC-1 system with t nfiguration. RAM h is compatable with	340A, 414A, and approved for a system of the MC-1 system of the 421C.	421C s/n updating like the upany tests			
Specific Approval:	propeller govern revision M. Thi the applicable F 1) Based on acceptabl McCauley 2) This apprinstallat 3) Continued adjustmen - McCaule - RAM ICA Syncrop syncrop - McCaule	ors and s s modific AA requir equivalence to use o p/n B28000 oval is do ion approv Airworth t, and te: y Governo; and Main haser, dr haser is	by to Cessna 421C (either the RAM p/n) syncrophaser. esign data approval val. iness: For mainena sting, refer to the roperator/Owners manance Manual Suppawing no. 2548 (whe	oer RAM drawing and to be in compand to be in compand in the compand is not compand in the compand is not following document for 1719-3 RAM p/n 1719-3	on), it is ser or the citing, ments.			
8. PURPOSE OF DATA								
In support of a maj	or alteration f	or Cessna	s.n. 421C-0158 ON	<u>Y</u> .				
9. APPLICABLE REQUIREMENTS (14 CFR Part 23 thru a Limits; § 23.1141(a) Controls; § 23.1301 Installation; § 23.13	mdt. 23-53: § 23. Powerplant Control Function and Inst	ols, Gener callation;	al; § 23.1149 Proj § 23.1309(a) Equi	eller Speed and ment, Systems a	nd			
10. CERTIFICATION - Under au Part 183, data listed above and on with applicable requirements of the A	attached sheets numbered	N/A have	and in accordance with condition been examined in accordance w	s and limitations of appoin h established procedures	tment under 14 CFR and found to comply			
=	nmend approval of these ove these data	data						
11. SIGNATURE(S) OF DESIGNATI	ED ENGINEERING REPRES	ENTATIVE(S)	12. DESIGNATION NUMBERS	S) 13. CLASSIFICATI	ON(S)			
Jun July			DERY-750185-SW	Powerplant	Inst'l			
Terry 1. Bowden	-							
		•						

₽
U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved	Electronic Tracking Number
OMB No.2120-0020	
2/28/2011	

Federal Avi Administra				ame, rowerplant, r	. op	_		opnance;				
and dispo		this form. This		es. See Title CFR §43.9, t is required by law (49 U.S							sion thereof) for instructions Ity for each such violation	
1. Airc		Nationality and Re N5288J	ion Mark		Serial No. 421C-0158							
Make								Model			Series	
		Cessna			421C				 _		421	
2. Ow		Name (As shown of Borders 421 LL	on registration certificate) C				Address (As shown on registration certificate Address 9500 Beverly Rd. City Pico Rivera St Zip 90660-2135 Country USA				State CA	
				3. Fo	or F	A	A Use Only	/				
4	. Type			5. Ur	nit l	de	ntification			1		
Repa	ir Alte	ration Ur	nit	Make	Make			Model			Serial No.	
		X AIRFRA	ME					(As described in item 1 above)				
	[X POWER	RPLAN	IT TCM		•	GTSIO-520-L		20-L		L-825016-R, R-1004615	
		PROPE	LLER									
		APPLIA	NCE	Type								
		•		6. Co	onfo	orr	nity State	nent	_			
A. Age	ncy's Na	me and Addres	s				B. Kind of	Agency				
Name	Air Impre	essions Inc			-L		U.S. Certifica	ted Mechanic			Manufacturer	
Address							Foreign Certificated Mechanic			CC	Certificate No.	
City Waco State Tx Zip 76708 Country USA						+					R541N Airframe Class III er Plant Class I	
here info Extended	eto have	been made in furnished herei	acco n is ti	eration made to the unit(rdance with the requirem rue and correct to the be ure/Date of Authorized In	ent st o	ts o	of Part 43 only knowled	f the U.S. Federal	Aviation Re	egulatio	ons and that the	
				7. Annro	val	fo	r Regurn	o Service	Jeff Garre	en 02	11412016	
				n persons specified below al Aviation Administration	v, th	he	unit identifi	ed in item 5 was in	spected in		anner prescribed by	
BY L	FAA	Fit. Standards ector	euer	Manufacturer	1 01	$\neg \vdash$	Maintenance Organization			Persons Appoved by Canadian Department of Transport		
- '	FAA	Designee	Х	Repair Station		T	Inspection	Authorization	Other (S	Specif	γ)	
Certificat	te or Desig	nation No.	I	Signature/Date of Auth	oriz							
AK6R54	1N				U)	//	WH		02/14/201	18		

	N5288J	02/14/2018
	Nationality and Registration Mark	Date
stalled Power Pac Spoilers, Inc. s 29/1990.	poilers per STC SA4913NM installation instructions SP4	4000 and master drawing list SP4000. date
serted Flight Manual Supplement	t.	
emputed new empty weight and C	S.G. (See weight and balance dated sheet dated 2/14/20	018.)
rtinent details are on file under w	ork order 4582.	
	END	

MAJOR REPAIR AND ALTERATION

orm Approved MB No. 2120-0020	Electronic Tracking Number	
1/30/2007		

of Trans Federal Adminis	Aviatio	on (/	Airfr	am	e, P	owerplant	, Pro	opelle	r, or	Appliance	:)			FOF FAA OSE ON	lly .
instruc	tions	IONS: Prin and dispos on. (49 U. :	sition o	f this	form.	s. See Title 14 This report is re	CFR §	43.9, Þa d by law (rt 43 Ar (49 U.S	opendix B, and A .C. §44701). Fa	C 43 ilure	3.9-1 (or to report	subseque can res	ent revision thereof ult in a civil penalty	for for each
30011 41	olatic	Nationality				rb				Serial No.			· · · · · ·		
1. Airc	raft	N5288		gistia	LIOIT IVIA					421C0158					
II AII V	ian	Make CESSN	Α.				. ,,	Model 421C					Serie	es	
2. Owr	ner	Name (As BORDE)			-	on certificate)		Address (As shown on registration certificate) 9500 BEVERLY RD PICO RIVERA, CA 90660-2135							
						-	,	3. Fo	r FAA I	Jse Only					
;															
	4. Ty _l	pe						5. Unit	l Identi	fication			·····		
Repa	ir	Alteration Unit				Make					Mod	del		Serial No.	
		X	AIRFRAME							(As described in Item 1 above)					
			POW	ERP	LANT						, u+ +		garan e a a a a a a a a a a a a a a a a a a		
	-		PRO	PELL	.ER										
			APPL	_IAN(CE	Type Manufacturer					-				
								6. Cor	nformit	y Statement					
A. Age	ncy's	Name and	Addre	ess				B. Ki	nd of A	gency					•
	_	e Aviat	•							ificated Mechan			Man	ufacturer	
7000 Merrill Ave. Box 20 Hangar A-240											C. Certificate No.				
Chino, CA 91710						X Certificated Repair Station VZKR081Y Radio Limited Airframe									
ha	ve be	en made ir	acco	rdanc	e with	ion made to the the requiremen o the best of my	ts of P	art 43 of	d in iter	m 5 above and c S. Federal Aviat	escri ion R	ibed on t Regulatio	he revers	se or attachments hat the information	ereto
Extende					Signat	ure/Date of Author	ized Inc	dividual						Λ	lark Krueger
per 14 (App. B	CFR P	Part 43													vember-2017
, F					L	و معامر	7. App	roval for	r Rétur	n to Service	 -				
Pursua Admini	int to	the author of the F	ority g Federa	iven I Avi	persor ation		low, t	he=dnit	identifie		as in	spected		manner prescribed	by the
		A Fit. Standa	ards		Manu	facturer		Maintena	ince Org	anization		Person: Departr	s Approve	d by Canadian	· - ·
ВҮ	FA	A Designee		х	Repa	ir Station		Inspectio	n Author	ization	Oth	er (Specif	y) ·		
Certifica Designa					Signat	ure/Date of Author	ized Inc	dividual				· • • • • • • • • • • • • • • • • • • •		N	lark Krueger
VZKR0	81Y					The		<u></u>						17-No	vember-2017

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.)

N5288J

Nov-17-2017

Nationality and Registration Mark

Date

Removed from aircraft:

GNS 430W, GNS 530W, VSI, HSI System, Turn & Bank, Inverter, GDL 49, Radar System, M811B, Airspeed Ind., EDM 760, Attitude Gyro, Directional Gyro, Engine Gauges, Shadin Fuel Flow, Altimeter

Installed in aircraft:

G600 System (QTY 2), GTN 750, GTN 650, GTX 345, WX-500, GTS 800, GWX 70, EDM 960, Flightstream 510, New Flight Panels

Mounting

GDU 620 mounted in pilot flight panel using new hardware.

GDU 620 mounted in copilot flight panel using new hardware.

GRS 77 (QTY 2) mounted in nose of aircraft using new mounts and hardware.

GDC 74A (QTY 2) mounted in nose of aircraft using new mounts and hardware.

GMU 44 (QTY 2) mounted in horizontal stabilizer using supplied bracket and new hardware.

GTP 59 (QTY 2) mounted on inspection plate in bottom of fuselage.

GTN 750 mounted below existing audio panel using new mounts and hardware.

GTN 650 mounted below GTN 750 using new mounts and hardware.

GTX 345 mounted in center panel using new mounts and hardware.

WX-500 mounted on existing shelf in tail of aircraft using new hardware.

WX-500 antenna mounted on bottom of fuselage in the unpressurized tail section of the aircraft.

GTS 800 mounted under the floor in the fuselage on existing shelf using new hardware.

GA 58 antenna mounted on top of fuselage using supplied hardware.

GA 58 antenna mounted on bottom of fuselage using supplied hardware.

GWX 70 mounted in place of removed radar using new hardware.

EDM 960 mounted in center panel using new hardware.

New instrument panels mounted in place of removed instrument panels using existing mounts and new hardware.

Approvals:

G600 systems are FAA-Approved for installation under STC SA02153LA-D and Approved Model List (AML) amended Nov. 30, 2016.

GTN 750, GTN 650, and Flightstream 510 systems are FAA-Approved for installation under STC SA02019SE-D and Approved Model List (AML) amended date January 31, 2016.

GTX 345 system is FAA-Approved for installation under STC SR02124SE and Approved Model List (AML) dated Oct. 31, 2016.

WX-500 processor and antenna installed in aircraft in accordance with all applicable sections of AC 43.13-1B, and all applicable chapters, sub-chapters, and paragraphs of AC 43.13-2b.

WX-500 and GTS 800 interface to the GTN 650 is approved under STC SA02019SE-D and Approved Model List (AML) amended date January 31, 2016.

WX-500 and GTS 800 interface to the G600 system is approved under STC SA02153LA-D and Approved Model List (AML) amended Nov. 30, 2016.

GA 58 traffic antennas are FAA-Approved for pressure vessel penetration under DER 8110-3 approval dated Nov. 9, 2017.

EDM 960 system is FAA-Approved for installation under STC SA01828SE and Approved Model List (AML) dated Mar. 31, 2009.

New flight panels fabricated and installed under Advantage Avionics FAA CRS# VZKR081Y with appropriate rating.

Installation:

G600 systems installed reference manufactures installation manual #190-00601-06 Rev. Q, dated May 31, 2017,

GTN 750, GTN 650, and Flightstream 510 systems installed reference manufactures installation manual #190-01007-A3 Rev. 11, dated Sept. 30, 2017,

GTX 345 system installed and checked out reference manufactures installation manual #190-00734-10 Rev. 8, dated September 30, 2016,

WX-500 system installed reference manufactures installation manual #009-11500-001 Rev. J, dated Feb. 19, 2015.

GTS 800 system installed reference manufactures installation manuals #190-00993-00, #190-00993-04, #190-00993-05, #190-00993-03 Rev. 5, dated Jun. 2012, and TSO manual #190-00587-00 Rev. J, dated Dec. 2013,

'GWX 70 system installed reference manufactures installation manual #190-00829-01 Rev. F, dated Nov. 30, 2014.

EDM 960 system installed reference manufactures Report No. 909 Rev. E, dated Nov. 03, 2016.

and in accordance with all applicable sections of AC 43.13-1B, all applicable chapters, sub-chapters, and paragraphs of AC 43.13-2b, and all applicable requirements of AC 20-138a.

X ADDITIONAL SHEETS ARE ATTACHED

y and registration mark and date work completed.)
N5288J Nov-17-2017
Nationality and Registration Mark Date
TS 800 system, radar information from the GWX 70 system, remation from the GTX 345. O systems, and provide navigation information to the existing
er manufactures installation manual.
requirements of 14 CFR section 91.227.
nalysis was performed and does not exceed the rated capacity
ation have been attached to the Basic Airplane Flight Manual. moved and installed systems. An airframe logbook entry was
for Continued Airworthiness" VS************************************
) () () () () () () () () () (

U.S. Department
of Transportation
Federal Aviation
Administration

Form Approved DMB No. 2120-0020 1/30/2007	Electronic Tracking	Number

U.S. Department MAJOR REPAIR AND ALTERATION												11/30/20				
of Transportation (Airframe, Powerplant, Propeller, or Appliance)											-	For FAA Use Only				
Administration	1011			-	•		-		-		-			•		
														ent revision thereof) for		
	and dispos				This report is re	quired	by la	w (4	9 U.S.C	C. §44701). Fail	ure to	o report	can resu	It in a civil penalty for each		
Such violati	Nationality				rk					Serial No.						
	N5288		gistia	iioii ividi	i K			Senai No. 421C0158								
1. Aircraft									Model					es		
	CESSNA	A								421C			Jen	-		
	Name (As	shown	on rec	aistratio	on certificate)	_				Address (As show	n on r	egistratio	n certifica	te)		
	Name (As shown on registration certificate) Borders 421 LLC										Address(As shown on registration certificate) 9500 Beverly Rd					
2. Owner										Pico River	a, (CA				
										90660						
							3.	For	FAA U	lse Only			·			
			•													
<u> </u>																
4. Ty	. Type 5. Unit Identification															
Repair	Alteration		Unit			Make					Mod	lel		Serial No.		
	X	AIRF	RAM	E				-		(As described	l in li	tem 1 at	ove)			
		POW	/ERPI	ΔNT												
		PRO	PELL	ER												
					Туре							"				
		ΔΡΡΙ	LIANG	CF.												
		AF F 1		J.	Manufacturer											
							6. (Conf	formity	Statement						
A. Agency	s Name and	Addre	ess				В	. Kin	nd of Ag	jency						
Afforda	ble Avio	nics	Inc	-				Įι	J. S. Ce	ertified Mechanic	;		Mai	nufacturer		
7000 Me	rrill Av	e #	18					F	oreign	Certified Mecha	nic		C. Certi	ficate No.		
Chino,							3	K C	Certified	Repair Station			#8AAR	592Y		
91710 U										Maintenance O	<u> </u>					
D. I certify	y that the rep	oair an	nd/or a	alterati	on made to the	unit(s)	ident	tified	in item	5 above and de	scrib	ed on th	ne revers	se or attachments hereto		
nave b	een made ir ed herein is	1 accor	raanc	e with	the requirement the best of my	s of P	art 43 Iedae	of t	ine U. S	5. Federal Aviation	on Re	egulation	is and th	at the information		
Extended ra		aue d			ure/Date of Author											
per 14 CFR		7		Jignat	are/Date of Autilo	,,200 111	.a.viuu	ıaı								
Арр. В														23-February-2016		
										to Service						
					ns specified be Administration a				dentified X Ap		s ins	pected Rejecte		manner prescribed by the		
	AA Fit. Standa	ards		Manu	facturer		Main	tenar	nce Orga	anization			s Approve	ed by Canadian ansport		
BY F	AA Designee		x	Repa	ir Station		Inspe	ection	n Authori	zation	Othe	er (Specif	y)			
						<u> </u>										
Certificate of Designation				_	ure/Date of Author					•						
#8AAR592				ا ا	James	u	J.	n	Nor	in				23-February-2016		

8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and approximately seems.)	and registration mark and date work completed.)							
	N5288J Feb-23-2016							
Description of the CTV 2007 Transport	Nationality and Registration Mark Date							
Removed existing GTX 327 Transponder.								
Installed GTX 330 ES Transponder per STC SA01714WI.								
Installation carried out per Manufacturer's Installation Manual P.N. 190-00734-10 Rev 4 dated September 2014.								
FAA approved Flight Manual Supplement 190-00734-15 Rev. 1 dated May 1, 2013, and the Instructions of Continued Airworthiness ,for the GTX 330 ES were provided to the Operator.								
The Transponder system was inspected and was found to comply with FAR 91.413 and appendix F of FAR 43.								
Electrical load analysis carried out. The total load does not exceed 80% of the aircra	ft capacity.							
Post installation ground check carried out satisfactory for the above installed equipment	nent.							
Weight and Balance and Equipment list was updated.	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx							
ADDITIONAL SHEETS ARE	EATTACHED							



4 INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

This section provides Instruction for Continued Airworthiness for the GTX 330/33 with ADS-B Out installation. This section satisfies the requirements for continued airworthiness as defined by 14 CFR Part 23.1529 and Part 23 Appendix G. Information in this section is required to maintain the continued airworthiness of the GTX Transponder units as installed under this AML STC.

4.1 Applicability

This document applies to all aircraft equipped with GTX 330/330D/33/33D Mode S Transponders with ADS-B Out per STC SA01714WI.

Modification of an aircraft by this Supplemental Type Certificate (STC) obligates the aircraft operator to include the maintenance information provided by this document in the operator's Aircraft Maintenance Manual and the operator's Aircraft Scheduled Maintenance Program.

4.2 Airworthiness Limitations

The Airworthiness Limitations section is FAA approved and specifies maintenance required under §43.16 and §91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

There are no airworthiness limitations associated with this type design change (STC SA01714WI).

FAA APPROVED

Mike Warren

Date

_ 18 - SEP - 201

STC Unit Administrator

ODA-240087-CE

4.3 Servicing Information

GTX 330/33 LRU maintenance is 'on condition' only. No component-level overhaul is required for the GTX 330/33 with ADS-B Out installation.

4.3.1 On Condition Servicing

'On Condition' replacement and/or servicing should occur when an item exhibits conditions, symptoms, and/or abnormalities defined in Section 5 of this manual. Replacement and/or servicing should be made only after the technician troubleshoots the system to the extent determined necessary by using the guidance in this manual along with common avionics maintenance practices.

4.3.2 Special Tools

The following tools are needed to perform maintenance tasks:

- Calibrated milliohm meter
 A milliohm meter with an accuracy of ±0.1 milliohm or better is required to measure the electrical bonding between GTX system components and aircraft ground.
- Calibrated transponder ramp tester
- Calibrated pitot/static ramp tester



4.4 Maintenance Intervals

Table 4-1 shows systems and items, installed by this STC, which must undergo tests or checks at specific intervals. Those inspections that are based on calendar elapsed time have specific intervals stated in Table 4-1.



NOTE

The maintenance intervals listed in the table below must be adhered to for each installed GTX.

Table 4-1. Maintenance Intervals

Item	Description/Procedure	Section No.	Interval
Equipment Removal and Reinstallation	Removal and reinstallation of GTX LRUs	6	On Condition
	The GTX 330 display and bezel may be cleaned periodically when required.		
Cleaning	Cleaning can be accomplished using a soft cotton cloth dampened with clean water.	N/A	On Condition
	DO NOT use any chemical cleaning agents. Care should be taken to avoid scratching the surface of the display.		
Antenna Visual Inspection	Removal and replacement	4.5	On Condition
Lightning Strike -	Inspect the coaxial cable connections, GTX bonding hardware (including bonding straps and tape), antenna and surrounding areas.	4.5	On Condition
Actual or Suspected	The GTX 330/33 transponder receiver sensitivity must be tested and shown to comply with Title 14 CFR Part 43 Appendix F.	8.4.1	On Condition
Testing	The GTX 330/33 transponders must be tested and shown to comply with Title 14 CFR Part 91.225 and 91.227.	8.4.2	Replacement of GPS Position source(s).
Equipment Visual Inspection	A visual inspection of the equipment installed by this STC must be performed.	4.5	12 Calendar Months
Testing	The GTX 330/33 transponders must be tested and shown to comply with Title 14 CFR Part 91.411, 91.413, and Part 43 Appendix E and F.	8.4.1	24 Calendar Months
Electrical Bonding Test	An electrical bonding test must be performed on equipment installed by this STC.	4.6	10 Years or 2000 hours



4.5 Visual Inspection

Perform a visual inspection in accordance with requirements in Table 4-1. Check for corrosion, damage, or other defects for each of the installed items. Replace any damaged parts as required. Inspection may require the temporary removal of a unit or units to gain access to connectors. Follow guidance in Section 6 for equipment removal and replacement. Refer to Appendix A of this manual for equipment locations and refer to the specific Aircraft Maintenance Manual for instructions on removing any access panels.

GTX 330/330D Visual Inspection

During normal aircraft inspections not to exceed 12 calendar month intervals, conduct a visual inspection of the GTX 330/330D installation in the following locations:

Instrument Panel

- 1. Inspect all GTX 330/330D knobs and buttons for legibility of labels and markings.
- 2. Inspect GTX 330/330D units for security of attachment.
- 3. Inspect mounting rack and hardware for integrity.
 - a. Verify the racks, fasteners, and support structure are in good condition and are securely fastened.
 - b. Inspect for signs of corrosion.
 - c. For composite aircraft, inspect any aluminum foil tape used to ground the GTX and verify that it is not torn, damaged or showing signs of corrosion. If any of these occurs then the tape must be replaced (see Appendix B)
- 4. Inspect any bonding straps for corrosion, loose connections, or signs of damage (see Appendix B).
- 5. Inspect the condition of the wiring harnesses and coaxial cables.
 - a. Inspect all instrument panel wiring and coax for chafing, damage, proper routing of wire bundles and security of attachment in accordance with AC 43.13-1B, Chapter 11, Section 8, Paragraph 11-96. Pay particular attention to possible areas of chaffing.
 - b. Verify that the harness shows no signs of cracking, chaffing, abrasion, melting, or any other form of damage.
 - c. Inspect the GTX 330/330D connectors for corrosion or other defects. Check the integrity of the shield block ground attachments to the harness connector assembly as well as the integrity of the individual shields and their attachment.



GTX 33/33D Visual Inspection

During normal aircraft inspections not to exceed 12 calendar month intervals, conduct a visual inspection of the GTX 33/33D installation in the following locations:

Remote Mount Rack

- 1. Inspect GTX 33/33D units for security of attachment.
- 2. Inspect mounting rack and hardware for integrity.
 - a. Verify the racks, fasteners, and support structure are in good condition and are securely fastened.
 - b. Inspect for signs of corrosion.
 - c. For composite aircraft, inspect any aluminum foil tape used to ground the GTX and verify that it is not torn, damaged or showing signs of corrosion. If any of these occurs then the tape must be replaced (see Appendix B).
- 3. Inspect any bonding straps for corrosion, loose connections, or signs of damage (see Appendix B).
- 4. Inspect the condition of the wiring harnesses and coaxial cables.
 - a. Verify that all wiring and cables are securely fastened.
 - b. Verify that the harness shows no signs of cracking, chaffing, abrasion, melting, or any other form of damage.

Antenna Visual Inspection

During normal aircraft inspections not to exceed 12 calendar month intervals, conduct a visual inspection of the transponder antennas for the following:

- 1. Leading edge erosion, cracks, dents, or broken antenna. If these conditions are present, antenna must be replaced (see Appendix B).
- 2. If the attachment is not secure, re-work the installation and complete electrical bonding test specified in Section 4.6.
- 3. Condition of base seals. In the event the antenna seal shows sign of damage or decomposition, reseal and complete the electrical bonding test specified in Section 4.6.

Post Lightning Strike Inspection

A post lightning strike inspection must be performed for a suspected or actual lightning strike to antennas or any temperature sensor connected to the GTX unit. Inspect antenna or sensor and surrounding installation to ensure that there is no structural damage around the areas where lightning may have attached. If there is visible sign of damage to the antenna or sensor, then it should be replaced.

Also inspect the antenna coax connection to GTX unit, grounding hardware, bonding straps or tape, and surrounding areas of the remotely mounted GTX 33 to ensure that there is no damage. Repair any damaged areas and components, then complete the electrical bonding test specified in Section 4.6.



4.6 Electrical Bonding Test

- 1. Disconnect the antenna coaxial cable from the GTX 330/33.
- 2. Disconnect the P3301 connector from the GTX 330/33.
- 3. Measure the DC resistance between each of the following test points and the aircraft ground reference as defined in Table B-1 and verify the resistance is less than or equal to the appropriate periodic test resistance value listed in the table.
 - Top metal case of GTX 330 #1 (if installed)
 - Top metal case of GTX 330 #2 (if installed)
 - GTX 33 #1 chassis (if installed)
 - GTX 33 #2 chassis (if installed)
 - Upper Transponder Antenna (if installed)
 - Lower Transponder Antenna (if installed)
- 4. If the resistance is more than the periodic test resistance value in the table, the bond must be improved enough to meet the reconditioned resistance value listed in Table B-1.

U.S Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020 11/30/2007

Electronic Tracking Number

Administration													
and dispos	sition of this f	orm. This	repor		y law (49 l	U.S.C.		43.9-1 (or subsequent re- report can result in a civil					
	Nationa N528	ality and Re	gistra	tion Mark			I .	Serial No. 421C0158					
1. Aircraft	Make	0.0						421C0156 Model	Series				
Cessna								421C					
	Name ('As shown	on reg	gistration certi	ificate)		1	Address (As shown on registration certificate)					
2. Owner Manhole Adjusting Inc								Address 9500 Beverly City Pico Rivera	Biva	State CA			
			-					City Pico Rivera Zip 90660-2135		ountry USA			
						nly		outiny CON					
4. Ty	/pe						5. U	nit Identification					
Repair	Alteration	Unit				N	lake	Model		Serial Number			
		AIRFRA	ME		,			(As described in Item 1	above)				
		POWER	PLA	NT									
		PROPEI	LLEF	₹									
		APPLIAI	NCE		Туре								
		/ ((E) / ((102		Manufacturer								
		<u> </u>				6.	Conformity Stat	<u> </u> ement					
A. Agency's N	Name and Ad	Idress				В. К	ind of Agency	-					
•	gar One A						U.S. Certificated	Mechanic		Manufacturer			
Address 2026		Airport	Roa				Foreign Certificat			Certificate No. 1HGR058B			
•	sbad			State CA		⊠	Certificated Repa	ir Station		ss: I and III Airframe ited: Airframe, Powerplant, Radio			
Zip 920 1		Country		USA				enance Organization		Instruments.			
have be	een made in	accordanc	e with		ents of Pa	rt 43 c		and described on the reve Aviation Regulations and					
Extended rang							ed Individual						
per 14 CFR P App. B	ап 43			Mike (Clinge	rma	an /			04/01/2013			
							proval for Return	<u> </u>					
	-	-		specified belo ministration a			<i>√</i> −	inspected in the manner p EJECTED	rescribe	d by the			
ВУ	FAA Fit Star Inspector	ndards		Manufacture	r		Maintenance Org			Person Approved by Canadian Department of Transport			
	FAA Design	ee	X	Repair Statio			Inspection Author	ization	Other	(Specify)			
Designation N	Certificate or Designation No. 1HGR058B Signature/Date of Authorized Individual Mike Clingerman 04/01/2013												

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.

(ii more space is required, attach additional si	heets. Identify with aircraft nationality and registration	Timam and date werk completed.)
	N5288J	04/01/2013
	Nationality and Registration Mark	Date
Removed the following equipment:		
REMOVED EQUIPMENT: Removed Brackett Air	rcraft induction air filters per STC SA71GL.	
Installed the following equipment:		
INSTALLED EQUIPMENT: Shadin Fuel Flow Inc SA3721SW.	dication System per STC SA607GL, RAM Aircraft Vac	cuum Pump Cooling Shrouds per STC
REMOVED EQUIPMENT:		
	assemblies, previously conformed on form 337 dated tand Right engine induction air systems, returning the	
INSTALLED EQUIPMENT:		
	giflow-L fuel flow indication system, previously installed Shadin Digiflow-L fuel flow indication system conform '.	
installed at an unknown date and aircraft total tim	aft Vacuum Pump cooling shrouds for the left and righte by persons unknown. The installation of the RAM A 3721SW and RAM Aircraft drawing 1199 dated 02/17/	Aircraft Vacuum Pump cooling shrouds
listed, those items must be inspected as follows:	THINESS: Where specific references to Instructions to Not to exceed 12 calendar months: Visually inspect in lition and functionalityof the system's above listed con	in accordance with AC 43.13-1B chapter
	ad check was performed in accordance with the proce ire) and it was found that the maximum electrical load	
	checks were performed on all installed equipment in onot interfere with the operation or performance of an	
7. STATIC LOAD TEST: A static load test was per the requirements of AC43.13-2B chapter 1.	erformed on the newly installed equipment. It was fou	and that the equipment mounting meets
All equipment is installed in accordance with the with the acceptable methods and techniques set	ne manufacturer's instructions. All materials used and forth in AC43.13-1B and AC43.13-2B.	I all work accomplished is in accordance
Aircraft reweighed and equipment list revised.		
10. Completed an airframe log entry referencing	this form 337.	

Additional Sheets Are Attached

U.S Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020 11/30/2007

Electronic Tracking Number

Federal Avia Administration	ition	`		,	·	•	•			FOI FAX USE UTILY			
and dis		form. This	repor	t is required b	y law (49	U.S.C.		43.9-1 (or subsequent report can result in a civ					
	Nationa N528	ality and Re	egistra	ation Mark		•	I	Serial No. 421C0158					
1. Aircraft	Make Cess					Model 421C			Series				
2. Owner	. Name	(As shown		gistration cert	ificate)		,	Address (As shown on registration certificate) Address 9500 Beverly Blvd City Pico Rivera State CA Zip 90660-2135 Country USA					
						3	. For FAA Use Or	ily					
4.	Type						5. U	nit Identification	1				
Repair	Alteration		it		N	fake	Model		Serial Number				
		AIRFRAME -						(As described in Item	1 above)	·····			
		POWERPLANT Con				ental		GTSIO-520-L		292014-R			
		PROPE	LLEF	₹									
		APPLIA	NCE		Type Manufacturer								
						6.	Conformity State	ement					
• •	s Name and Ad					В. К	ind of Agency						
	ingar One A						U.S. Certificated N			nufacturer			
City Ca	26 Palomar Irlsbad 2011	Country	: Ko	State CA USA			Foreign Certificate Certificated Repai		Class Limite	tificate No. 1HGR058B I and III Airframe d: Airframe, Powerplant, Radio			
D. I cert have	ify that the repa	air and/or a	e with	on made to the	ents of Pa	dentifie art 43 c	ed in item 5 above a	and described on the re Aviation Regulations ar	verse or atta				
Extended raper 14 CFR App. B				Signature/I	Clinge	rm				04/01/2013			
	t to the authority			•	w, the unit	identi	_	to Service Inspected in the manner JEOTED	prescribed t	by the			
ву	FAA Fit Star Inspector	ndards		Manufacture		_	Maintenance Orga		De	erson Approved by Canadian epartment of Transport			
	FAA Design	ee	Х	Repair Station	on		Inspection Author	zation	Other (Sp	pecify)			
Certificate of Designation 1HGR05	n No.		~	ature/Date of ke Clin (idual			04/01/2013			

8. Description of Work Accomplished		
(If more space is required, attach additional sheets. Idea	ntify with aircraft nationality and registrati	on mark and date work completed.)
	N5288J	04/01/2013
	Nationality and Registration Mark	Date
Installed the following equipment:		
INSTALLED EQUIPMENT: Shadin Fuel Flow transduced SE3767SW-D.	r per STC SE612GL, RAM Aircraft Inducti	ion System Hose Clamps per STC
INSTALLED EQUIPMENT:		
2. Performed conformity inspection of Shadin Digiflow-L fue persons unknown. The installation of the Shadin Digiflow-L Shadin Report 4043 dated 11/19/1996.	I flow transducer, previously installed at a fuel flow transducer conforms with Supple	in unknown date and aircraft total time by emental Type Certificate SE612GL,
3. Performed conformity inspection of RAM Aircraft inductio persons unknown. The installation of the RAM Aircraft induction RAM Aircraft drawing 1171 dated 05/23/1985.	n hose clamps, previously installed at an ction hose clamps conforms with Supplen	unknown date and aircraft total time by nental Type Certificate SE3767SW-D and
4. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS: listed, those items must be inspected as follows: Not to exceed 5 section 2 as well as checking for security, condition and full wiring and hardware as applicable.	eed 12 calendar months: Visually inspect	t in accordance with AC 43.13-1B chapter
 ELECTRICAL LOAD CHECK: An electrical load check w paragraph 208 (Electrical Load Analysis Procedure) and it w generating system capacity. 	as performed in accordance with the procusal found that the maximum electrical loa	cedure in AC43.13-2B chapter 2, ad did not exceed 80% of the electrical
6. FUNCTION CHECK: Post installation function checks we instructions. All systems operate normally and do not interfe	ere performed on all installed equipment in ere with the operation or performance of a	n accordance with manufacturers any other equipment.
7. STATIC LOAD TEST: A static load test was performed o the requirements of AC43.13-2B chapter 1.	n the newly installed equipment. It was fo	ound that the equipment mounting meets
All equipment is installed in accordance with the manufactivity with the acceptable methods and techniques set forth in ACC.	cturer's instructions. All materials used an 243.13-1B and AC43.13-2B.	nd all work accomplished is in accordance
Aircraft reweighed and equipment list revised.		
10. Completed an airframe log entry referencing this form 3		
 	Additional Sheets Are Attached	
	dutional offeets Are Attached	

U.S Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020 11/30/2007

Electronic Tracking Number

Federal Adminis	Aviation stration												
and	disposition	on of this f	form. This	геро		y law (49	U.S.C		43.9-1 (or subsequen				
		Nationa N528	ality and Re	egistra	ation Mark				Serial No. 421C0158				
1. Aircr	aft	Make Cess	na						Model 421C		Series		
		Name ('As shown	on re	egistration certi	ificate)			Address (As shown on registration certificate) Address 9500 Beverly Blvd				
2. Own	ier	Mani	nole Ad	ijus	ting Inc			}	city Pico Rive	ra	State CA		
	1199							B. For FAA Use Or	zip 90660-213 nly	5 Co	ountry USA		
	4. Type							5. U	nit Identification				
Repa	nir Al	teration		Un	it		Λ.	/lake	Model		Serial Number		
			AIRFRAME -				<u> </u>		(As described in Iter	n 1 above)			
			POWER	≀PLA	NT	Contine	ental		GTSIO-520-L		292327-R		
			PROPE	LLEF	₹		_						
			APPLIAI	NCE	Ė	Туре	Гуре						
Ш						Manufactu	rer						
							6	. Conformity State	ement				
		ne and Ad					B. K	ind of Agency					
	_		Avionics				旦	U.S. Certificated N			Manufacturer		
			Airport	: Ro				Foreign Certificate			ertificate No. 1HGR058B		
	92011	ao	Country		State CA USA			Certificated Repair	r Station enance Organization	—— Limit	s: I and III Airframe ted: Airframe, Powerplant, Radio		
D. I	nave been	made in	accordance	e with	ion made to the the requirement to the best of r	ents of Pa	dentific ort 43 c	ed in item 5 above a	and described on the r Aviation Regulations a	everse or att	Instruments. Jachments hereto Information		
Extende	ed range f CFR Part	fuel			1	Date of Au	thorize	ed Individual an			04/01/2013		
							7. Ap	proval for Return	to Şervice		<u></u>		
					specified belo	_	7		nspected in the manne JECTED	er prescribed	i by the		
BY	1 1	A FIt Star spector	ndards		Manufacture	r		Maintenance Orga	anization	1	Person Approved by Canadian Department of Transport		
		A Design	ee	Х	Repair Statio			Inspection Author	n Authorization Other (Specify)				
	ate or ation No. R058B			~	hature/Date of ke Cling			ridual	M		04/01/2013		

8. Description of Work Accomplished		
(If more space is required, attach additional sheets. Ider	ntify with aircraft nationality and registration	n mark and date work completed.)
	N5288J	04/01/2013
	N3200J	04/01/2013
	Nationality and Registration Mark	Date
Installed the following equipment:		
INSTALLED EQUIPMENT: Shadin Fuel Flow transducer SE3767SW-D.	per STC SE612GL, RAM Aircraft Inductio	n System Hose Clamps per STC
INSTALLED EQUIPMENT:		
2. Performed conformity inspection of Shadin Digiflow-L fuel persons unknown. The installation of the Shadin Digiflow-L f Shadin Report 4043 dated 11/19/1996.	flow transducer, previously installed at an uel flow transducer conforms with Supplen	unknown date and aircraft total time by nental Type Certificate SE612GL,
 Performed conformity inspection of RAM Aircraft induction persons unknown. The installation of the RAM Aircraft induc RAM Aircraft drawing 1171 dated 05/23/1985. 		
4. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS: listed, those items must be inspected as follows: Not to exce 5 section 2 as well as checking for security, condition and fu wiring and hardware as applicable.	eed 12 calendar months: Visually inspect in	n accordance with AC 43.13-1B chapter
 ELECTRICAL LOAD CHECK: An electrical load check we paragraph 208 (Electrical Load Analysis Procedure) and it we generating system capacity. 		
6. FUNCTION CHECK: Post installation function checks we instructions. All systems operate normally and do not interfe		
7. STATIC LOAD TEST: A static load test was performed or the requirements of AC43.13-2B chapter 1.	n the newly installed equipment. It was fou	nd that the equipment mounting meets
8. All equipment is installed in accordance with the manufact with the acceptable methods and techniques set forth in AC-		all work accomplished is in accordance
9. Aircraft reweighed and equipment list revised.		
10. Completed an airframe log entry referencing this form 33		
		,
□Ac	dditional Sheets Are Attached	

U.S Department of Transportation Federal Aviation

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

Form Approved OMB No. 2120-0020 11/30/2007

Electronic Tracking Number

Adminis	aviation													
and	disposit	tion of this f	form. This	repor	ies. See FAR rt is required b ederal Aviation	y law (49 l	U.S.C.	ppendix B, and AC . 1421). Failure to	43.9-1 (or subsequer report can result in a c	nt revision t civil penalty	hereot	f) for instructions exceed \$1,000		
4.45		Nationa N528	ality and Re	gistra	ation Mark				Serial No. 421C0158					
1. Aircr	an	Make Cessi	na						Series					
		Name ('As shown	on re	gistration certi	ificate)		ificate)						
2. Own	er	Mant	nole Ad	ljus [,]	ting Inc				Address 9500 Beve City Pico Rive	-	1	State CA		
									zip 90660-213	35 ·	Country	USA		
							3	. For FAA Use O	nly					
		-												
	4. Typ)e						5. L	nit Identification					
Repa	ıir /	Alteration		Uni	it		M	lake	Model			Serial Number		
		\boxtimes	AIRFRAME						(As described in Itel	m 1 above)	i			
			POWER	POWERPLANT										
			PROPE	LLEF	₹									
			APPLIANCE			Туре						-		
			AFFLIAI	NCE		Manufacturer								
							6.	Conformity Stat	ement					
		ame and Ad					B. K	ind of Agency			,			
	_	ar One A						U.S. Certificated			ــــــــــــــــــــــــــــــــــــــ	ufacturer		
	Carls	Palomar bad	Airport	. Roa	ad State CA		-	Foreign Certificat				cate No. 1HGR058B and III Airframe		
City Zip	92011		Country		USA		⊠	Certificated Repa	enance Organization	—— Lin	nited:	Airframe, Powerplant, Radio		
D. I d	certify th	nat the repa	ir and/or al	e with	on made to th	ents of Pa	lentifie	ed in item 5 above	and described on the r Aviation Regulations	everse or a	attachi			
Extende	ed range CFR Par	e fuel				Date of Aut	thorize	ed Individual an				04/01/2013		
								proval for Return						
					specified belo	_			inspected in the mann	er prescrib	ed by 1	the		
BY		AA Fit Stan	dards		Manufacture	r		Maintenance Org	anization		Depa	on Approved by Canadian artment of Transport		
	F	AA Designe	ee	Х	Repair Statio	n		Inspection Author	ization //	Other	(Spec	iny)		
	ation No				ature/Date of			idual				04/01/2013		
INGR	R058B)				₉ - 1 1 1 1 4			/ "///			V-71 V 11 EV 1 V		

8. Description of Work Accomplished		
(If more space is required, attach additional sheets. In	dentify with aircraft nationality and registration	on mark and date work completed.)
	N5288J	04/01/2013
	Nationality and Registration Mark	Date
Installed the following equipment:		
INSTALLED EQUIPMENT: Rosen sun visors per STC	SA5137NM.	
INSTALLED EQUIPMENT:		
 Performed conformity inspection of Rosen Sun visors, The installation of the Rosen sun visors conforms with Sun Document 9050-118-015 dated 03/22/2004. 		
4. INSTRUCTIONS FOR CONTINUED AIRWORTHINES Continued Airworthiness." Where specific references to Ir as follows: Not to exceed 12 calendar months: Visually in security, condition and functionalityof the system's above	nstructions for Continued Airworthiness are spect in accordance with AC 43.13-1B chap	not listed, those items must be inspected eter 5 section 2 as well as checking for
5. ELECTRICAL LOAD CHECK: No electrical load check	was necessary or performed.	
6. FUNCTION CHECK: A post installation function check instructions. All systems operate normally and do not inte		
7. STATIC LOAD TEST: A static load test was performed the requirements of AC43.13-2B chapter 1.	d on the newly installed equipment. It was fo	und that the equipment mounting meets
8. All equipment is installed in accordance with the manu with the acceptable methods and techniques set forth in a		d all work accomplished is in accordance
Aircraft reweighed and equipment list revised.		
10. Completed an airframe log entry referencing this form	1 337. NOTHING FOLLOWS	
	No IIIII O LLO III	
I		
	Additional Sheets Are Attached	

U.S. Department of Transportation Federal Aviation Administration

MAJOR REPAIR AND ALTERATION

(Airframe, Powerplant, Propeller or Appliance)

Form Approved OMB No. 2120-0020

Office Verification:

INSTRUCTIONS: all of This report is required Aviation Act 1958)	entries. See FAR 43.9, FAF d by law (49 U.S.C. 1421).	R 43 Appendix B, and Failure to report can	d AC result	43.9-1 (or sub t in a civil pena	seq alty	uent revision thereof) for not to exceed \$1,000 for	instructions each such v	and disposition iolation (Section	of this form. 901 Federal	
1. Aircraft	Make CESSNA					Model 421C				
	Serial No. 421C0158					Nationality and Registra N5288J				
2. Owner		Name (As shown on registration certificate) ARK PARTNERS LLC				Address (As shown on registration certificate) 15 SW COLORADO AVE. STE 280 BEND OREGON 97702				
				or FAA Use (
	FAA I	Airworthiness described airc	Req raft n au	uirements a subject to o thorized in	and con	omplies with applic I is approved only to formity inspection AR 43.7	for above by	Date:		
		4. Unit Identific	ation	<u> </u>		1		5. T	уре	
Unit	Make		М	odel		Serial No.		Repair	Alteration	
AIRFRAME	~~~~~	~~~~ (As descr	ibed	in Item 1 ab	ove) ~~~~~				
POWERPLANT										
PROPELLER	·									
APPLIANCE	Type Manufacturer									
		6	. Coi	nformity Stat	em	ent				
A. Agency's Name			В.	Kind of Ager	су		C. Certifica			
VISTA AVIATI 12653 OSBORN				U.S. Certified	Me	echanic	XW2R30	8L		
PACOIMA, CA			\parallel	Foreign Certified Mechanic						
				Certified Repair Station						
Manufacturer D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made 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.							re been made in ct to the best of			
Date 7/19/07	Date				Signature of Authorized Individual JOHN RHODES					
				al for Return						
Pursuant to the auth Aviation Administrat	nority given persons specification and is Approved	ed below, the unit ide	entifie	dinitele/4 wa	s in:	spected in the manner p	Rejected	the Administrato	or of the Federal	
	AA Fit. Standards	Manufacture	er			Inspection Authorization	Other (Specify)		
By: F	AA Designee	Repair Station	on			Person Approved by Transp Canada Airworthiness Grou				
Date of Approval or		Certificate or Desig XW2R308L	natio	n No.		Signature of Authorized	Andividual W	JOH	IN RHODES	

B. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date completed.)	
1. INSTALLED S-TEC SYSTEM 55X TWO AXIS AUTOMATIC FLIGHT GUIDANCE SYSTEM MODEL ST578 IN ACCORDANCE WITH STC SA08996AC-D, BULLETIN NO. 678 REVISION 3 DATED MAY 10, 2001 AND MASTER DRAWING LIST NO. 92758 REVISION C, DRAWING LIST NO. 92758, REVISION C. DATED MAY 10, 2001 OR LATER FAA APPROVED REVISION.	
2. WEIGHT AND BALANCE AMMENDED.	
3. FLIGHT TEST VERIFIED OPERATION TO SPECS.	
4. FOR CONTINUED AIRWORTHINESS: PERFORM ON AT LEAST AN ANUUAL BASIS A PERIODIC INSPECTION OF THE EQUIPMENT RACK, EQUIPMENT MOUNTINGS, ASSOCIATED WIRING, CABLE CONNECTORS, HARDWARE, ANTENNA AND RELATED AIRCRAFT STRUCTURE FOR INTEGRITY, SECURITY, WEAR, CHAFFING AND ETC. SPECIAL ATTENTION SHOULD BE GIVEN TO THE AIRCRAFT PRIMARY STRUCTURE WITH REGARDS TO FATIGUE AND STRESS CRACKING, CORROSION AND ETC.	

_	
Additional Sheets Are Attached	

United States Of America

Bepartment of Transportation - Nederal Abiation Administration

Supplemental Type Certificate

Number SA08996AC-D

This Certificate issued to

S-TEC Corporation One S-TEC Way Mineral Wells Municipal Airport Mineral Wells, TX 76067-9236

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified horoon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Oxiginal Product Type Cortificate Number:

Cessna

Model:

414A and 421C

Description of Type Design Change.

Installation of S-TEC System 55/55X Two Axis Automatic Flight Guidance System, Model ST-578, according to Bulletin No. 678, Revision 3, dated 5-10-01 and Master Drawing List No. 92758, Revision C, dated 5-10-01 or later FAA Approved revisions of the above data (28 Volt System).

Limitations and Conditions: (See Continuation Sheet, Page 2, a part of this STC.)

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

I his cortificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, renoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: 4-06-95

Date of issuance:

Data raissued :

Date amended: 4-10-97, 5-10-01

By direction of the Administrator

(Signature)

Michael Keirnan DAS Staff Coordinator, DAS 5 SW



United States Of America

Bepartment of Transportation - Federal Abiation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA08996AC-D

Limitations and Conditions (con't.)

- 1. Also eligible on Model 414A When Modified Per STC SE09104SC (335 H.P. Engine Conversion and 7,105 Lbs. Gross Weight Increase) and/or STC SA8125SW (Vortex Generators and Strakes).
- 2. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891157, dated 4-25-95 is required for Cessna Model 414A or later FAA Approved revisions of the above supplement.
- 3. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891161, dated 4-25-95 is required for Cessna Model 421C or later FAA Approved revisions of the above supplement.
- 4. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891157, Revision 1, dated 4-10-97 is required for Cessna Model 414A And The Above Model When Modified Per STC SE09104SC (335 H.P. Engine Conversion and 7,105 Lbs. Gross Weight Increase) and/or STC SA8125SW (Vortex Generators and Strakes) or later FAA Approved revisions of the above supplement.
- 5. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891157, Revision 2, dated 5-10-01 is required for Cessna model 414A and the above model when modified per STC SE09104SC (335 H.P. engine conversion and 7,105 Lbs. gross weight increase) and/or STC SA8125SW (vortex generators and strakes) for S-TEC System 55/55X or later FAA Approved revisions of the above supplement.
- 6. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891161, Revision 1, dated 5-10-01 is required for Cessna model 421C for S-TEC System 55/55X or later FAA Approved revisions of the above supplement.
- 7. Compatibility of this modification with other previously approved modifications must be determined by the installer.

U.S. Department

MAJOR REPAIR AND ALTERATION

Form	App	roved
OMB	No.	2120-0020

Federal Aviation Administration	(Airtrame	e, Po	werplant,	Propei	ier o	Appliance)	Offic	e Verification:	
INSTRUCTIONS: all	entries. See FAR 43.9, FA d by law (49 U.S.C. 1421)	AR 43 A _l Failure	ppendix B, and to report can re	AC 43.9-1 (desult in a civi	or subse il penalty	quent revision thereof) for not to exceed \$1,000 for	or instruction or each such	s and disposition violation (Section	of this form. 901 Federal
1. Aircraft Make CESSNA						Model 421C			
	Serial No. 421C0158					Nationality and Registr N5288J	ration Mark		
2. Owner	ner Name (As shown on registration certificate) ARK PARTNERS LLC					Address (As shown on 15 SW COLORA BEND, OREGON	DŎ AVE		
			3	. For FAA l	Jse On	ly			
			*				· ·		
	T	4.	Unit Identifica	ition		Т		5. T	
Unit	Make			Model		Serial No.		Repair	Alteration
AIRFRAME	~~~~~	(As described in Item 1 above					-		
POWERPLANT							.		
PROPELLER									
APPLIANCE	Type Manufacturer								
	· · · · · · · · · · · · · · · · · · ·		6. (Conformity	Statem	ent			
A. Agency's Name			1	B. Kind of A	gency		C. Certific		
VISTA AVIATI 12653 OSBORN PACOIMA, CA.	E STREET			U.S. Cer Foreign Certified	Certified Repair	Mechanic	XW2R30)8L	
D. I certify that the reaccordance with the my knowledge.	pair and/or alteration mad requirements of Part 43 or	e to the the U.S	unit(s) identifie 5. Federal Aviat	d in item 4 al ion Regulation	bove and	described on the revers that the information furni	se or attachn shed herein	nents hereto have is true and correc	been made in to the best of
Date AUGUST 08, 20	07			K	Mu	horized Individual		JOH	N RHODES
	-it -it	ad balay		oval før Re			recribed by	the Administrator	of the Federal
Aviation Administration	ority given persons specifion and is Approved	ea delov	v, the unit ident	meu in item 4	+ was in:		Rejected		Of the Lancial
	A Flt. Standards spector		Manufacturer			Inspection Authorization	_ _ `	Specify)	
* II II	A Designee	\boxtimes	Repair Station			Person Approved by Transp Canada Airworthiness Group			
Date of Approval or F AUGUST 08, 20	•		ate or Designal R308L	tion No.		Signature of Authorized	Individual	TOUR	N DHODES

B. Description of Work Accomplished (If more space is required, attach additional INSTALLED GARMIN AT INC GDL69 STC SA01487SE, GARMIN STC MAST	OA SATTELITE RI TER DATA LIST P	ECEIVER IN VN 005-C021	NOSE BAGGAO 7-00 REVISION	E IN ACCORDA A DATED DECE	NCE WITH MBER 20,
2004 OR LATER REVISION. GDL69A	IS CONTROLLEDNOTHING ELS	BY THE GA	RMIN GNS530	IN RADIO STAC	K.
	NUI IIIIG ELS	E rollows)		• • • • • • • •
•					
·					•
•					
			•		
		•		·	
				•	•
	e tag or t	,,	والمجارة أمسامة الأ	ما برنيم	in amparis .
		•			
			•		
			· 1		
			•		
		•	•		
	Additional She	eets Are Attache	ed		

United States of America

Department of Transportation—Rederal Aviation Administration

Supplemental Type Certificate

Number SA01487SE

This certificate, issued to:

Garmin AT, Inc. 2345 Turner Road SE

Salem, OR 97302

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product-Type Certificate Number:

*See attached Approved Model List (AML)

Mako:

No. SA01487SE for list of approved aircraft

Model:

models and applicable airworthiness regulations.

Description of the Type Design Change. Installation of a GDL 69 or GDL 69A XM Satellite Receiver in accordance with Garmin Supplemental Type Certificate Master Data List, P/N 005-C0217-00, Revision A, dated December 20, 2004, or later FAA approved revision.

Limitations and Conditions: Compatibility of this design change with previously approved modifications must be determined by the installer. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application:

March 22, 2004

Date reissued:

Date of issuance:

December 20, 2004

Date amended:



By direction of the Administrator

Climb Haubund

(Signature)

Acting Manager, Seattle Aircraft Certification Office (Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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 Verification:

INSTRUCTIONS: all	entries. See FAR 43.9, FA	AR 43 A	ppendix B, ar	nd AC 4	13.9-1 (c	or subs	equent revision thereof)	for instructio	ns and disposition	of this form.	
This report is require Aviation Act 1958)	d by law (49 U.S.C. 1421)	. Failure	to report car	n result	in a civi	l penal	ty not to exceed \$1,000	for each sucl	n violation (Section	n 901 Federal	
1. Aircraft	Make						Model				
I. Aliciali	CESSNA						421C				
	Serial No. 421C0158			-		Nationality and Registration Mark N5288J					
0.00000	Name (As shown on reg	istration	certificate)				Address (As shown of	n registratio	n certificate)		
2. Owner	ARK PARTNERS		,				15 SW COLOR	ADO AVI			
			. •				BEND, OREGO	N 97702			
	1			3. For	r FAA U	Jse O	 nly				
			•								
	•	ē.	•								
		4. (Jnit Identific	cation					5. 7	уре	
Unit	Make			Мо	del		Serial No	o. ·	Repair	Alteration	
AIRFRAME	~~~~~		~ (As descr	ribed ir	n Item 1	1 abov	/e) ~~~~~~~			\boxtimes	
POWERPLANT			ļ								
PROPELLER											
	Туре										
APPLIANCE	Manufacturer		1			-					
			6	i. Conf	ormity	Stater	lnent		<u></u>	<u>i</u>	
A. Agency's Name	and Address	-		T	ind of A			C. Certifi	cate No.		
VISTA AVIATI					J.S. Cer	tified N	1echanic	XW2R3	08L		
12653 OSBORN					Foreign Certified Mechanic			1			
PACOIMA, CA.	91331				Certified Repair Station			7			
					Manufacturer						
D. I certify that the re accordance with the my knowledge.	pair and/or alteration mad requirements of Part 43 or	e to the the U.S	unit(s) identif . Federal Avi	fied in it	tem 4 at	ove a	nd described on the reve I that the information fun	rse or attach hished hereir	ments hereto hav is true and corre	e been made in ct to the best of	
Date				[5	Signatur	e of Au	thorized Individual			· · · · · · · · · · · · · · · · · · ·	
AUGUST 08, 20	07				A	N	ndhoch		JOHI	N RHODES	
			7. Ap	proval	for Ref	turn to	Service				
Pursuant to the author Aviation Administration	ority given persons specifion and is	ed below	, the unit ide	ntified i	in item 4	was i	nspected in the manner i	_	the Administrator	of the Federal	
	Approved							Rejected			
lns	A Fit. Standards spector		Manufacturer	r	-		Inspection Authorizatio	n Other	(Specify)		
By: FA	AA Designee	\boxtimes	Repair Statio	n			Person Approved by Trans Canada Airworthiness Gro				
Date of Approval or F	•		ate or Design	nation N	10.		Signature of Authorized	Individual)		
AUGUST 08, 20	07	XW2F	R308L				John A	EL H		N RHODES:	
							11/	- 000	JOH	A KUODES:	

B. Description of Work Accomplished (If more space is required, attach addition	nal sheets. Identify v	vith aircraft nationality	and registration m	ark and date complet	ted.)
INSPECTED GARMIN GNS 430 INS INSTALLATION MANUAL 190-003 ANTENNA MOUNTING WITHIN PR	TALLATION PE 57-06. APPROVI RESSURE VESS	ER STC SA 019331 ED MODEL LIST EL AND REINFO	LA FOR UPGRADATED NOVER	ADE TO 430 WAA MBER 6, 2006. IN 8 8110, INCLUDE	S PER SPECTED D.
REPLACED COAX CBLE WITH LOSUPPLEMENT 190-00357-63. SUPPLEMENT 190-00357-63.	W LOSS AS SPE LIED INSTRUCT	CIFIED. SUPPLIE TONS FOR CONT	ED STC APPRO INUED AIRWO	VED FLIGHT MA ORTHINESS 190-(NUAL
NOTH	IING ELSE FOL	LOWS	• • • • • • • • • • • • • • • • • • • •	•••••	
, .					·
				•	
					,
	7	· · · ·			
				,	
•					
••					
with				•	;
سميه بدس					
	Additiona	I Sheets Are Attache	d		

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 Verification:

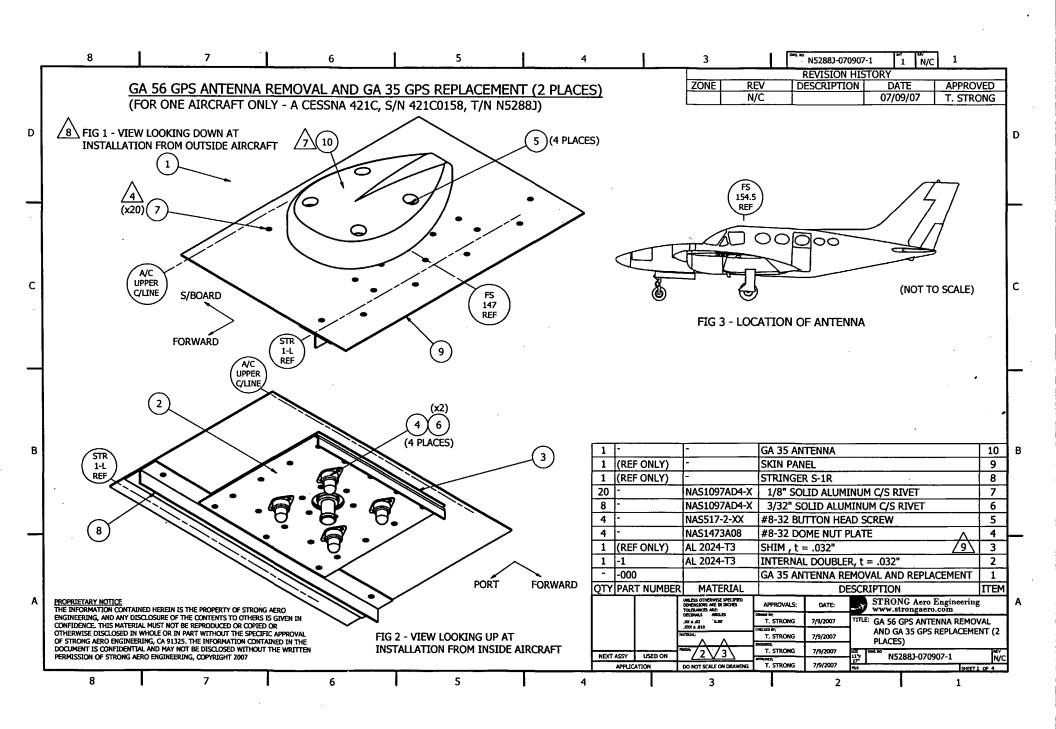
INSTRUCTIONS: all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and	I disposition of this form.
This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such viola	tion (Section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

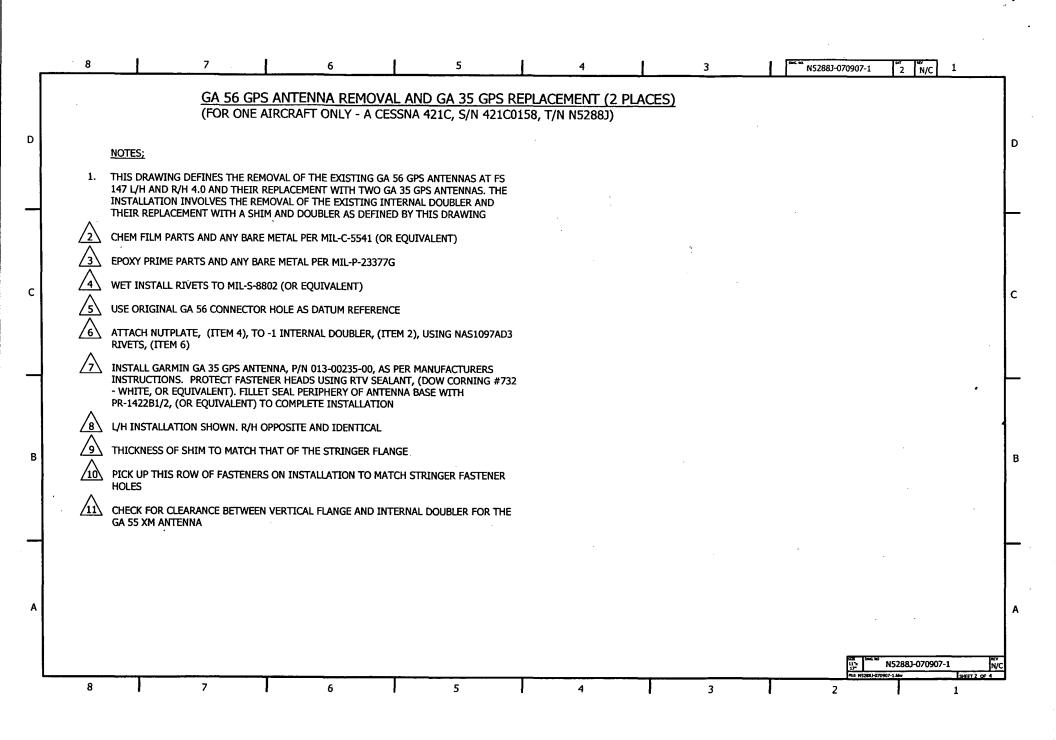
INSTRUCTIONS: This report is requ Aviation Act 1958)	all entries. See FAR 43.9, ired by law (49 U.S.C. 142	FAR 43 App 1). Failure t	pendix B, and o report can re	AC 43.9-1 (desult in a civi	r subse I penalty	quent revision thereof) for not to exceed \$1,000 for	or instruction or each such	s and disposition violation (Section	of this form. 901 Federal		
1. Aircraft	Make	Make CESSNA					Model 421C				
	Serial No. 421C0158	Serial No.				Nationality and Registr N5288J	ation Mark				
2. Owner	Name (As shown on n ARK PARTNER		certificate)		*	Address (As shown on 15 SW COLORA BEND, OREGON	DO AVE				
			3	. For FAA l	Jse On	ly			····		
		, ·				•		-			
		4. U	nit Identifica	ition		1		5. T	уре		
Unit	Make			Model		Serial No.		Repair	Alteration		
AIRFRAME	and the tree tree and the tree		· (As describ	ed in Item	1 above	9) ~~~~~			\boxtimes		
POWERPLAN	т										
PROPELLER		ar									
APPLIANCE	Type Manufacturer				* *						
			6. (Conformity	Statem	ent					
A. Agency's Nar			1	B. Kind of A	gency	· · · · · · · · · · · · · · · · · · ·	C. Certific				
VISTA AVIA				U.S. Ce	Certified Mechanic XW2R3			308L			
12653 OSBOR PACOIMA, C				Foreign	Certified	1 Mechanic			•		
i Acoma, c	A. 71331			Certified	Repair	Station					
			[Manufac			<u> </u>				
D. I certify that the accordance with the my knowledge.	repair and/or alteration mane requirements of Part 43	ade to the u of the U.S.	init(s) identifie Federal Aviat	d in item 4 a ion Regulatio	bove an ons and	d described on the reven that the information furni	se or attachi shed herein	is true and correc	et to the best of		
Date AUGUST 08,	2007			Signatur	of Aut	horized Individual	lin	JOHI	N RHODES		
				roval for Re							
Pursuant to the au Aviation Administr	thority given persons spec ation and is Approved		the unit ident	ified in item	t was in	spected in the manner pr	rescribed by Rejected	the Administrator	of the Federal		
	FAA Fit. Standards Inspector		lanufacturer			Inspection Authorization	Other ((Specify)	1 -		
ву:	FAA Designee	⊠ F	Repair Station			Person Approved by Transp Canada Airworthiness Grou					
Date of Approval of AUGUST 08,		Certifica XW2R	te or Designat 308L	tion No.	:	Signature of Authorized	Individual	L JOH	N RHODES		

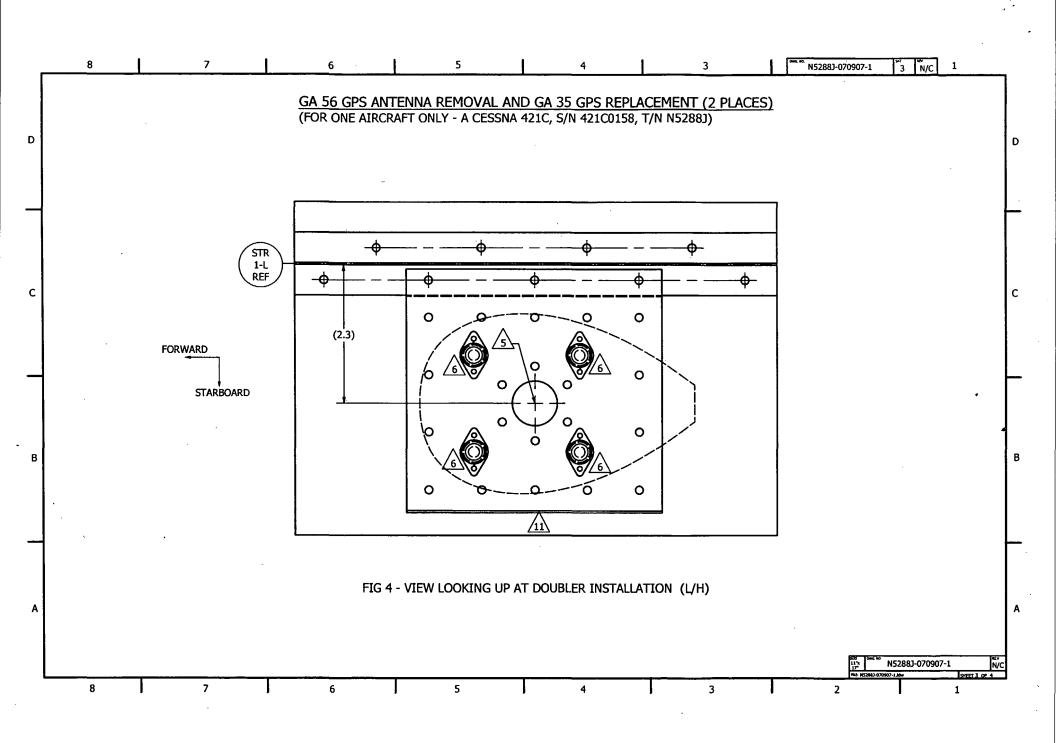
B. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date completed.) INSPECTED GARMIN GNS530 INSTALLATION PER STC SA01933LA FOR UPGRADE TO 530 WAAS PER INSTALLATION MANUAL 190-00357-06. APPROVED MODEL LIST DATED NOVEMBER 6, 2006. INSPECTED ANTENNA MOUNTING WITHIN PRESSURE VESSEL AND REINFORCED PER DER 8110, INCLUDED. REPLACED COAX CABLE WITH LOW LOSS AS SPECIFIED. SUPPLIED STC APPROVED FLIGHT MANUAL
SUPPLEMENT 190-00357-63. SUPPLIED INSTRUCTIONS FOR CONTINUED AIRWORTHINESS 190-00357-65NOTHING ELSE FOLLOWS
······································
en de la companya de La companya de la co
Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS			DATE 07/12/07
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
MAKE CESSNA	MODEL NO. 421C	TYPE (Airplane, Radio, Helicopter, etc.) AIRPLANE	NAME OF APPLICANT VISTA AVIATION
LIST OF DATA			
IDENTIFICATION		TITLE	
DRAWING REF; N5288J-070907-1 REV N/C 07/09/07	"GA 56 GPS ANTENNA REMOVAL AND GA 35 GPS REPLACEMENT (2 PLACES)"		
	APPROVAL IS FOR ONE AIRCRAFT, S/N 421C0158, T/N N5288J		
	Notes: This approval is for engineering design data only and is not an installation approval. It indicates the data listed above demonstrates compliance only with the regulations specified by paragraph and subparagraph listed below as 'APPLICABLE REQUIREMENTS'. (Compliance with additional regulations not listed here may be required).		
PURPOSE OF DATA IN SUPPORT OF A MAJOR ALTERATION TO SHOW COMPLIANCE WITH THE FOLLOWING REGULATIONS			
APPLICABLE REQUIREMENTS (List specific sections) CFR 14 FAR Part 23.301(a), Amdt 23-48; .303, Amdt 23-0; .305(a)(b), Amdt 23-45; .307(a), Amdt 23-0; .365(a)(b)(d), Amdt 23-0; .601, Amdt 23-0; .603(a)(b), Amdt 23-23; .605(a), Amdt 23-23; .607(a)(b)(c), Amdt 23-0; .609(a), Amdt 23-0; .613(a)-(e), Amdt 23-45; .625(a)(b)(c), Amdt 23-7			
CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered N/A have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations. Recommend approval of these data I we) Therefore Approve these data			
SIGNATURE(S)OF DESIGNATED ENGIN	EERING REPRESENTATIVE(S)	DESIGNATION NUMBERS(S)	CLASSIFICATION(S)
TREVOR J. STRONG	Tona	DERT605818NM	STRUCTURES (A1, A4, P1, P4)
	7		

FAA Form 8110-3 (11-70) SUPERSEDES PREVIOUS EDITION GPO 901-413







		er.			٠.		
		•					
		·					
		v #	-				
		м • • •			• .		
					•		
				··	•		.9
					•		•
					•		
					,		
	٠						
		*	•	-	* **:		
					21		
							•

US Department of Transportation

Federal Aviation Administration

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

Form Appl	roved
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 civil penalty not to exceed \$1,000

101	r each suc	n violation (Sect	ion 9	01 Federal Aviatio	n Act of	f 1958).					
		Make)				Model	4210			<u> </u>
1. A	ircraft	L	<u>C 73</u>	na							
		i Senai No		C-0158				y and Registration N			
				n registration certi	ficate)	· · · · · · · · · · · · · · · · · · ·	Address	N52785 (As shown on regis	tration ce	rtificate)	
				Partners, LLC			1	_			0==
2. O)wner	// //	' \	Mirmers, Le	_			15 SW Col			280
<u>.</u>								Bend OR	9720	02	
						3. For FAA Use C	nly				
								,			
						4. Unit Identificat	ion			5. Type	
	Unit		Ma	ke		Model		Serial No).	Repair	Alteration
	 -					·					
AIRF	RAME	_			(As des	cribed in Item 1 abo	ove)				
		ļ					_				
POV	VERPLANT	Tolodyno (`ont	inental Motors		CTCIO FOO I		202227	_		
		r eledyfie C	וווטי	mental Motors		GTSIO-520-L		292327-1	≺		×
										<u> </u>	
PRO	PELLER	į								}	
		Туре							· . · · · · · · · · · · · · · · · · · ·		
		Type									
APF 	PLIANCE	Manufacturer									
					6	. Conformity State					
A. A	Agency's N	lame and Addre	ss_			B. Kind of Agency	<u>'</u>		C. Certifi	cate No.	
	RA	M Aircraft, Li	mite	d Partnership		U.S. Certificate			Ai	rframe Cla	ss III
		PO Bo	ox 5	219		X Certificated Re		nic		werplant C	
		Waco, Te	xas	76708		X Certificated Re	pair Station	<u></u>	1	VA1R551	
D.	I certify the	nat the repair and/o	or alte	ration made to the unit	(s) identi	fied in item 4 above and	d described o	on the reverse or attact	ments here	n have been m	nade in
Date		t the requirements	01 Pa	IT 43 OF THE U.S. Feder	al Aviatio	on Regulations and that	-		e and correc	t to the best of	my knowledge.
	•					Signature of Author	orizea inaiv	/idual	1	/ ,	10
		August 11,	200	06		Ronnie Veselk	a /			!	
					7. App	proval for Return 1	To Service	ander		IN IA	<u> </u>
Pι	ursuant to t	he authority give	en pe	ersons specified be	low th	e unit identified in ite	m 4 was ir		ner prescr	ibed by the	
Ac	iministrato	r of the Federal	Avia	ion Administration	and is	APPROVED	P	EJECTED			
		Fit. Standards ector		Manufacturer		Inspection Authori	zation	Other (Specify))	·	
BY	 	·	-			Person Approved	by Transp				
		Designee	×	Repair Station		Person Approved Canada Airworthir	ness Group	טונן			
Date	e of Appro	val or Rejection		Certificate or		Signature of Author	orized Indiv	l ridujal			
	Augus	st 11, 2006		Designation No.	V	Dennie Versille	- //			1//	<i>?</i>
	A Form 3			VA1R551	<u> </u>	Ronnie Veselk	a No	mary Il	/12	Ma	

FAA Form 337 (12-88)

AFS Electronic Forms System

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.)

Dated 08-11-06 Engine Previous Total: 1840.5

Engine modified per Dwg. 1514, Rev R dated 6/29/05 I/A/W STC SE8338SW.

Relocated Turbo Oil Supply Line I/A/W RAM Dwg. No. 1224, Rev. H dated 11/18/03 and installed locknuts on cylinder attachment studs I/A/W Dwg. 1517, Rev. F dated 3/9/05 per STC SE8338SW.

TCM GTSIO-520 series engine crankshaft counterweights p/n 652833 are repaired in accordance with FAA approved procedures per RAM Drawing 2618, Rev. B dated 11-15-05. See engine log entry on Instructions for Continued Airworthiness.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to their local FSDO.

Negligible weight and balance change.

Customer furnished with FAA approved Overhaul and Parts Manual Supplements with Instructions for Continued Airworthiness for all alterations.

Pertinent details of the above installations are on file under Project No. 2893/31746.



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

WP-0.5 LGB

A-8

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). Make 1. Aircraft Model **CESSNA** 421C Serial No. Nationality and Registration Mark 421C-0158 N5288J Name (As shown on registration certificate) 2. Owner Address (As shown on registration certificate) ARK Partners, LLC 15 SW Colorado, Suite 280 Bend, OR 97702 3. For FAA Use Only 4. Unit Identification 5. Type Unit Make Model Serial No. Repair Alteration **AIRFRAME** (As described in item 1 above). X **POWERPLANT PROPELLER** Type APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency C. Certificate No. Jay's Aircraft Maintenance Inc. U.S. Certificated Mechanic JVYR016L 2980 Airway Ave Foreign Certificated Mechanic CLASS 3 Costa Mesa, CA 92626 Certificated Repair Station Manufacturer D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Date Signature of Authorized Individual 08-23-02 un okt 7. Approval for Return To Service Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED FAA Flt. Standards Other (Specify) Manufacturer Inspection Authorization BY Inspector Person Appoved by Transport X FAA Designee Repair Station Canada Airworthiness Group Date of Approval or Rejection Certificate or Designation No. Signature of Authorized Individual

JVYR016L

08-23-02

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 st	heets. Identify with a	ircraft nationality and registrat	tion mark and date work completed.)
Installed J.P. Instruments Twin Temperature Indi Instruments manual Report No. 760, dated 7/20/6	icating system P/N EI	DM760 co nos STO# C400706	
*********	****** NOTHING F	OLLOWS ***********	********
•			
•			
	-		
			8
	•		
	,		
!	Additional Sheets	Are Attatched	

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 AFW FSDO

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

dispos	sition of thi	s form. This	report	is required by lav Aviation Act of 19	v (49									
1. Air	rcraft	Make (C.	ssn	<u></u>				Model 4	2/0	۷				
		Serial No.		0158		Nationality and Registration Mark N5287								
2. Ow	ner	Name (As s	hown	on registration cer		/:			Address (As shown on registration certificate) 15 SW Colorado, Shite 280 Bend, OR 97702					
				4.	Unit	ldent	ification	ication				5. Type		
	Unit		Mak	e			Model			Serial N	0.	Repair	Alteration	
AIR	FRAME	1 12 12 12 12 12 12 12 12 12 12 12 12 12												
POW	ERPLANT		тс	М		G ⁻	TSIO-520-L			292014	-R		х	
PRO	PELLER													
APP	LIANCE	Туре												
		Manufacturer												
A. Ag	ency's Na	ime and Add				В. К	ind of Agenc				C. Certificate	 No.		
						U. S. Certificated Mechanic					AIRFRAME CLASS III			
	M AIRCE D. BOX 5		ITED	PARTNERSH	IIP	Foreign Certificated Mechanic					POWERPLANT CLASS I			
		KAS 7670	8			Х	Certificated f	Repair Stat	ion		VA1R551K			
							Manufacturer							
t	oeen made	in accordan	ce with	Ilteration made to the requirements my knowledge.	the us of Pa	nit(s) art 43	identified in ite of the U.S. Fe	em 4 above ederal Aviat	and ion F	d described on t Regulations and	he reverse or at that the informa	tachments tion furnish	hereto have ned herein is	
Date						Signa	ature of Autho	orized Indi	vidu	al				
		July 26	5, 200)2		Da	niel L. Bail	ley		Lane	S 2.13	ailen	,	
					7.	Appr	oval for Retu	rn To Serv	ice					
Purs the Fe	uant to the deral Aviat	authority giv	en per ration a	rsons specified be and is [X]APPR	low, t	he uni	it identified in i JREJECTED	item 4 was	insp	pected in the ma	anner prescribed	by the Adr	ministrator of	
DV	FAA FI	t. Standards tor		Manufacturer		Insp	ection Authori	zation		OTHER (Specify	1)			
BY	FAA D	esignee	Х	Repair Station			on Approved lada Airworthin		rt					
Date o	f Approval	or Rejection		Certificate or Designation No.		Sign	ature of Autho	orized Indivi	dual		^ -	1.1	1	
00:		26, 2002 RATED FAA FOR		CRS VA1R5	51K	Da	aniel L. Bai	ley		Jan	ul &	Jaile	1	
COMP	TO LEK GENE	KATEU FAA FOR	uvi 33/ (*	12-00)								A		

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.)

<u>Cessna 421C-1051 N5288J</u> <u>Dated 7-26-02 Engine Previous Total: 4358.1 (Est.)</u>

Engine crankcase modified per Dwg. 1514, Rev. J dated 8/7/01 I/A/W STC SE8338SW.

Relocated Turbo Oil Supply Line I/A/W RAM Dwg. No. 1224, Rev. F dated 2/2/99 and installed locknuts on cylinder attachment studs I/A/W Dwg. 1517, Rev. D dated 3/14/01 and per STC SE8338SW.

Installed spring loaded induction hose clamps per Dwg. 1171, Rev. B dated 5/24/00 I/A/W_STC SE3767SW.

Installation mechanic must complete Block 1 and 2 on reverse side and mail one copy to their local FSDO.

Negligible weight and balance change.

Customer furnished with FAA approved Overhaul and Parts Manual Supplements for all alterations.

Pertinent details of the above installations are on file under Project #317/3679.

WPB/20003/01

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

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

U.S. Department of Transportation
Federal Aviation
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

TOT CUCIT	such viol	lation (Section 9)	01 F	ederal Aviation	on Act of 1	958).									
		Make						Model							
4 4 !	C4			Cessn	a					4	21C				
1. Aircra	att	Serial No.						Nationalit	v and Per	rietration Ma	rk				
		Jenai No.		421C01	58			Italionalii	Nationality and Registration Mark N5288J						
						_									
		Name (As sho		_	on certific	ate)				-	tratio	n certificate)			
2. Owne		Arbini,						1325 Scwab							
Z. Owne	;1	Tres Me	esas	5				P.O. Box 864							
								R	ed Blu	ff, CA 96	5080				
						3. For	FAA U	se Only				\mathcal{O}			
The da	ata identi	fied herein com	plie	s with the app	olicable air	worth	iness re	quirements a	nd is app	roved for the	e abov	ve described ai	rcraft,		
subject to	o confor	mity inspection	by a				art 43, \$	Section 43.7.	1		1 1	K	·		
				66	61 80 1	\ON			V/Den	van L	1/h	us-			
FAA INSF	PECTOR	WP-FSDO-1			DATE				7	ignature of	FAA I	nspector			
					4.	Unit le	dentific	ation /				5. Type			
Uni	it	R/I:	ake				Model		l ,	Serial No.			Altanation		
		1110	anc				Model		`	senai No.		Repair	Alteration		
AIRFRAM	!E	_	~~	~~~~~	(As desc.	ribed i	in Item 1	l above) ~~~					***		
					(-10 11000)								XX		
DOMEDD	LANT									, <u>, , , , , , , , , , , , , , , , , , </u>					
POWERPI	LANI										I				
PROPELL	.ER								Ì						
APPLIANO	CE	Туре													
APPLIANC	CE	Manufacturer							İ						
		mandiacturei													
					6.	Confo	rmity	Statement							
A. Agen	icy's Nai	me and Addres	s				B. Ki	nd of Agency			C. (Certificate No.			
							U.S. Certificated Mechanic								
Ι	Duncar	Avionics						Foreign Certif			ĺ				
7	7435 V	aljean Ave.					X				•	YX2R335L			
		iys, CA 914	06						ertificated Repair Station				1 AZROOL		
		<u> </u>		tion made to t	ha!!/a\ :	al a sakifi a		Manufacturer			<u> </u>				
have	been m	ne repair and/or a ade in accordance	e wil	th the requiren	ne unit(s) i nents of Pa	aentine rt 43 o	ea in iter f the U.S	n 4 above and S. Federal Avia	aescribea tion Reau	on the rever lations and th	Se or a	attachments her	eto		
turnis	shed her	ein is true and co	rrect	to the best of	my knowle	edge.				and in	iat tilo	momaton			
Date							Signa	gre of Authoriz	ed Individ	yal					
.1							\	, ,	2//	,					
Marie	ember	3. 1999				_	Time	the &	lin	ni		Oualifie	d Inspector		
		, , , , , , , , , , , , , , , , , , , ,			7. Appr	oval/	for Ret	urn to Servic	<u> </u>	<u>-</u>	·				
Pursuant	t to the a	authority given p	oers	ons specifie	d below, t	he uni	t identi	fied in Item 4			e man	ner prescribe	d by the		
Administr		the Federal Avi	atio	n Administra	tion and is	s IX	<u>APP</u>	ROVED	REJECT						
	Inspe	Fit. Standards		Manufacture	r	In	spection	Authorization		Other (Spe	ecify)				
BY							arcon Ar	proved by Tree	20004						
j	FAA	Designee	X	Repair Station	on			proved by Trai irworthiness Gr							
Date of Ar	oproval o	г Rejection		Certificate or				øf Authorized I							
•		•		Designation				//)					
11	_			3737010	225T	1	-/	,	, []						
Mano.	en ben	3 1999		YX2R	333L		1000	thy S	/10	· m		Onalita	d Inancotor		
FAA For	rm 337	(12-88)		<u> </u>		_4	mu	my ~	-UM			Qualifie	d Inspector		

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.)

- 1) Remove the existing stand alone IIMorrow Apollo 618 System consisting of a RNAV unit p/n 430-0193-010.
- 2) Installed a stand alone Bendix/King KLN-90B GPS RNAV System. The system consists of a Bendix/King KLN-90B GPS RNAV Unit p/n 066-04031-1122(TSO C129), a Bendix/King KLN-90B Mounting Rack p/n 071-0154-0000 and a Bendix/King KA-92 GPS Antenna p/n 071-01553-0200(TSO C129).
- The KA-92 GPS Antenna was installed by Aeroshear Aviation Services in accordance with FAA Form 8110-3 approved by Richard A. Stern DERT-605546-NM substantiating the GPS Antenna installation outlined in Aircraft Technical Service, Inc. Report No. 2075.
- 4) The KLN-90B receives power Main Electrical Bus via an existing 5amp circuit breaker.
- The KLN-90B System was installed per the Bendix/King KLN-90B GPS RNAW Installation Manual p/n 006-10521-0004 Rev. 4 dated October, 1997 and applicable sections of AC 43.13-1A, 2A.
- System Placarded "GPS NOT APPROVED FOR IFR NAVIGATION".
- 7) KLN-90B Pilots Guide p/n 006-08773-0000 Rev. 1 dated 05/97 was placed onboard the aircraft.
- Instructions for continued airworthiness:
 The installed KLN-90B system will be maintained per the Bendix/King GPS RNAV Installation Manual p/n 006-10521-0004
 Rev. 4 dated October, 1997 or later revision and will be inspected on an annual basis for wire chaffing, wear and general integrity of the system.
- 9) Aircraft Weight and Balance change is negligible, equipment list updated and Logbook entry completed.
- 10) A detailed description of the work performed is on file at Duncan Avionics-Van Nuys under Work Order C84PA.

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 WP35

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instruction

for	d disposit r each suc	tion of this for th violation (S	rm. T Section	his report is require on 901 Federal Avia	d by la ation A	w (49 U.S.C ct of 1958).	. 1421). Fa	ilure to re	port can result in	a civil pena	alty not to ex	ceed \$1,000
1 6	ircraft	l .	ssi					Model	421C	-		
1. (iiciait	Serial No.	1C(158	· <u>, </u>			National	ity and Registrati N5288J	ion Mark		
2. 0	wner	Ar	bir	n on registration ce li Jerrold Mesas		te)		Address	(As shown on re 1325 Scw Red Bluf	ab P.	D. Box	864
							AA Use Or	nly				
	esplicab	le airworthir e described s	ess :	tiffed herein comprequirements and aft, subject to confu 43.7.	is app ormit	roved only	for by		•	•		
	Pa	ta Lar	.,	Eleccowski .	1		110					
	UUT	1 10 10 10		Airworthiness Ins	<u>pector</u>		ientificatio	on .		 	5. Type	
	Unit		M	ake		Мо	odel		Serial N	0.	Repair	Alteration
AIRFR	AME	~	••••	··················(As des	cribed in Ite	em 1 abov	e)	······			xx
POWE	RPLANT											
PROPI	ELLER											
APPLI/	ANCE	Type Manufacture	er									
						6. Conform	ity Statam	ant.				
A. Ag	ency's Na	ime and Addr	ress			B. Kind o		GIR		C. Certii	ficate No.	
	3071 Cott	d J. Ha White onwood,	Oal C2	A 96022		X U.S. Certificated Mechanic					20957	
f	certify the nave been urnished	at the repair a made in acco herein is true	nd/o ordar and	r alteration made to nce with the require correct to the best	the ur ements of my	nit(s) identifi of Part 43 (knowledge	ied in item of the U.S.	4 above a Federal	nd described on t Aviation Regulation	he reverse ons and th	or attachmer at the inform	nts hereto ation
ate	10	26-97	8			Signature	of Author	ized Indiv	idual Alall	7		
					7. Ap	proval for R	eturn To	Service				
Purs Adm	uant to ti	ne authority of the Federa	giver al Avi	persons specified ation Administration	belov n and	v, the unit i	dentified PROVED	in item 4	was inspected in	the manr	ner prescribe	d by the
_Y	FAA F Inspec	It. Standards ctor		Manufacturer	x	Inspection	Authorizati	on	Other (Specify)			
	!	esignee		Repair Station		Person App Canada Ain	prthiness	Group				
ate of		or Rejection 26 - 98		Certificate or Designation No. AP2020957I	A	Signature o			dual Half	1		

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

Description of	of Work Accomplished
If more spac	e is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
÷	Inspected installation Sony Stereo system Model XR7100 and Astron Voltage
	Regulator Model 2412. All work was done using best shop practices with
	references to AC43.13 Chg. 3 Chapters 11 Sections 2, 3, Chapter 15 Sections
	1, 2, 6, and AC43.13-2A Chapters 1, 2, 3. These units are mounted behind the
•	Pilot on the aft side of the cabin partition.
	The above installation was accomplished by person or persons unknown.
	NOTE: The following placard is required in full view of the Pilot:
	"Stores Not For Han Night On TIPU!
	"Stereo Not For Use Night Or IFR"
	END
	·
	\cdot \cdot
	\cdot
	•
	· ·
	•
	☐ Additional Sheets Are Attached



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).

for	each suc	h violation (Se	ction	n 901 Federal Avia	tion A	ct of 1	958).			oren pena	inty mor to cac	.ccu	
1. Aiı	rcraft	Make Ces	sn	a				Model	421C				
	oran	Serial No. 421	C0	158				Nationalit	ty and Registratio N5288J	n Mark			
		Name (As she	own	on registration ce	rtifica	te)		Address ('As shown on reg	istration o	ertificate)	······	
2. Ov	vnor	Arb	in	i Jerrold	E				1325 Scwa		•	864	
2. U¥	411G1	Tre	s	Mesas					Red Bluf:				
						3. 1	For FAA Use Or	ıly					
	epplicab	le airworthine	ess r rcra	iffed herein come equirements and ft, subject to come 3.49.7	ia ant	2202204	anim for						
	Pa		Li e	loczewski		سريمار ح							
	UUT	1 6 1908	<u>-:/:</u>	Airworthiness Ins	pector	WP.F	SDO-25						
		1		· · · · ·	· ·	4. (Jnit Identificati	on			5. Type		
· ·	Jnit		Ма	ke ·			Model		Serial No	·.	Repair	Alteration	
AIRFR	AME	~~		···············(d in Item 1 abov	'e)	······			xx	
POWE	RPLANT			,		, , & . ·							
PROP	ELLER ·			÷									
APPLIA	ANCE	Type Manufacturer										·	
				·		6 Co	nformity Staten				L		
A. Aa	encv's N	ame and Addre	ess				Kind of Agency			0.0-1	<i>.</i>		
		ld J. Ha				X	U.S. Certificated			C. Certi	ficate No.		
	3071	White	Oal	k Drive			Foreign Certificate		· ·	AP2020957			
		conwood,					Certificated Rep		iic .	AL Z.	,20,55,	ĺ	
		•					Manufacturer	an olution	- · ·			I	
	iave beei	i made m acco	iuan	r alteration made to see with the requir correct to the best	emeni	S Of Pa	identified in iten	14 above a 6. Federal A	nd described on the Aviation Regulation	ne reverse ons and th	or attachme at the inform	nts hereto nation	
Date						Sign	nature of Autho	rized Indiv	idual		· · · · · · · · · · · · · · · · · · ·		
	10	3-26-9	8	/			is la	urt :	Mall	1			
					7. A	pprova	al for Return To						
Purs Adm	suant to t	the authority g r of the Federal	iven I Avi	persons specifie ation Administrati	d belo	ow, the	upit identified	in item 4	was inspected in	the man	ner prescribe	ed by the	
BY	FAA Inspe	Flt. Standards ector		Manufacturer	Х	Insp	ection Authoriza		Other (Specify)				
		Designee		Repair Station		Cana	on Approved by	s Group					
)ate o	f Approva	al or Rejection		Certificate or Designation No		Sign	ature of Author						
	0-20	5-98		AP2020957	IA	' .	Nau s	1 //4	Half				

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 Wo	rk Accomplished equired, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.
, 	, ty the second and the second
· ·	or part for appropriately for the entering of the control of the experience of the control of th
(g)	1. Inspected installation of Apollo 618 Loran.
	2. This unit is mounted on the lower center pedestal.
	3. This unit was installed using best shop practices using AC 20-121, AC 43.13-1A Chapter 11 Sections 1, 2, 3, 7, AC 43.13-2A Chapters 2, 3, as references.
	4. A operational test was done. The equipment performed satisfactorily and did not adversely affect existing components or systems in the aircraft.
-	5. This unit was installed by person or persons unknown.
	NOTE: The following placard shall be in full view of the Pilot:
	"LORAN for VFR use ONLY"
	END .
	,

	•
US Depar of transpo	rtment ortation
Federal /	

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

	Form Approved
	OMB No. 2120-0020
	, For FAA Use Only
1	Office Identification
1	1-1-1

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).

fo	r each su	ch violation (Se	ction 901 Federal Avi	ation A	ct of 1	1958).							
		Make					Model		-				
1. 4	Vircraft	Cess	sna			<u></u>		21 C		-			
		Serial No.	704.50		Nationality and Registration		n Mark						
			20158				N5	288J					
			own on registration co		a)		Address (As shown on reg	istration c	ertificate)	-,		
2. C	Arbini Jerrold E Tres Mesas		T.			13	25 Scwab	P.O.	Box 86	94			
		Tres	Mesas			•	ке	d Bluff (A 960	80			
					2	For FAA Use Or							
					. <u></u>	FOT FRA GES OF	"Y	,	· · · · · · · · · · · · · · · · · · ·		,		
						0		,					
,,,,,,			·										
		1		· ·	4, 1	Unit Identification	on			5. Type			
	Unit		Make			Model		Serial No). 	Repair	Alteration		
AIRF	RAME	***	······	(As des	cribed	d in Item 1 abov	8) 	·····		}	X		
						*							
POW	ERPLANT)		•					}		
						*	,						
									•				
PROF	PELLER			}							İ		
				<u> </u>									
		Туре											
APPL	IANCE	Manufactures	anulacturer		Manufacturer			:					
		Mandiacroio				•	1						
				·	. Co	nformity Staten	ent			L	<u> </u>		
A. A	gency's N	ame and Addre	38			Kind of Agency			C. Certif	licate No.			
		J. Hall			x	U.S. Certificated					·		
		hite Oak	Dr.		Foreign Certificated Mechanic			AP2020957					
		wood, CA				Cartificated Rep	nir Station	•	A1 2020)) /				
		<u> </u>	-			Manufacturer							
D.	have been	i made in accoi	d/or alteration made to dance with the requirement to the best	oments	of Pa	art 43 of the U.S	4 abov e an . Federal A	nd described on the viation Regulation	ne reverse ons and th	or attachmen at the inform	nts horeto lation		
Onto	 				Sign	nature of Author	ized Indivi	dual ₄ a					
	9-19-	96			,	11 am	J 4,	Ball	•				
				7. An	Drove	i for Return To	Service			· · · · · · · · · · · · · · · · · · ·			
Piii	sugnt to	he authority o	ivan persons specifla					was inspected to	the man	or organia	nd by the		
Adı	ministrato	r of the Federal	Aviation Administrati	on and	18	(XAPPROVED	() RE.	JECTED	tile illalit	idi proscribe	or by file		
		FII. Standards	Manufacturor		inane	ction Authorizat	ion	Other (Specify)					
ΙY	Inspe	ctor		_ X_							- 1		
		Designee .	Repair Station		Perso Cana	on Approved by da Airworthines	ransport Group						
ate c	of Approve	il or Rejection	Certificate or Designation No.		Sign	ature of Authori	///	1/1 ///	-				
9	-19-9	6	TA2020957	PAP	'	Dann	1 11	Half					
							/			····			

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 alteralt nationality and registration mark and date work completed.)

 Removed original air filter assemblies for both left and right engines.

 Installed new air cleaner assemblies for both left and right engines P/N BA-108 per Brackett STC SA71GL. All work was done in accordance with Brackett instruction sheet P/N BA-108-E dated Rev. 8-23-88.



	1	DEPARTMENT OF TRANSP		the state of the state of			Form Approved Budget Bureau	No. 04-R)60. I
	LAA	OR REPAIR AND	ALTE	RATION				A USE OF	ILY
	. A	Powerplant, Prop	122	and the second second	ice)		OFFICE IDENTI FAT	FICATION FSD0:	
INSTRUCT	IONS: Print or	type all entries. See FA	R 43.9,	FAR 43 Appe	ndix B, and	AC 43.9-1			thereof)
for instructi		ion of this form.				•	<u> </u>		
	MAKE CESSN	A		nga Basa ng	MODEL 42	1C		4,500	
1. AIRCRAFT	SERIAL NO.						GISTRATION	MARK	· ·
	421C-	0158	· · ·		US	A. N5288	J		
	NAME (As shows	on registration certificate	•)				registration ce	rtificate)	
2. OWNER	Woolf	, Jerry				35 28th cersfie≨	**.	301	
N. J. T. L.	<u> </u>	ويه .	3. FO	R FAA USE ON			a, en 55.	OL	
					30.0				
			, i	1			, 4.7 		
									•
	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			ast to the	4 - 4				
V.		4.			<u> </u>	* *	5 ,		
		4. UNIT	IDENTIF	CATION		1		5.	TYPE
UNIT	\mathcal{A}	MAKE		MODEL		SE	RIAL NO.	REPAIR:	ALTER-
71	1					• • • • • • • • • • • • • • • • • • •	5-		1
IRFRAME	•••••	•••••••••••••••• (As	describe	d in item 1 abo	ove)	***********	****		
							-		
OWERPLANT	TCM		CTS	IO-520-L		7 0/10	25.5	-	. _
			0.,5			L-2412	35.K		X
00051150	1.7						* · ·		
ROPELLER	* 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1		to the					1.	
	TYPE							.	
PPLIANCE	· .					-			
	MANUFACTURER	6.7							
		. 6	. CONFO	RMITY STATEM	ENT				
A. A	GENCY'S NAME	AND ADDRESS			OF AGE	NCY	c. ci	RTIFICATE	NO.
RAM Airo	raft Corpor	ation		U.S. CERTIFICATE	·		_		
P. O. Bo		acton	X	FOREIGN CERTIFI		NK	VAIR	551K	
Waco, Te	xas 76708		 	MANUFACTURER	TAIR SIAIION				
D. I certify	hat the repair a	nd/or alteration made	tó the i	init(s) identii	fied in item	4 above a	nd described	on the rev	erse or
attachmen	ts hereto have b	een made in accordance furnished herein is true	with t	ne requiremen	ts of Part 4	3 of the U.	S. Federal Avi	ation Regu	latione
ATE	- :			NATURE OF A			ı.	-	
	27/91		1		Scate		_	•	
· · ·	<u> </u>	· .				<u> </u>	· · · · · · · · · · · · · · · · · · ·	:	
	- 3			DR RETURN TO		·	 	:	
Pursuant to t the Administr	he authority give ator of the Feder	en persons specified belo ral Aviation Administrati	ow, the ion and	unit identified is X APPR	in item 4 N	vas inspecte LEJECTED	d in the man	er prescrib	ed by
FAA F	LT. STANDARDS	MANUFACTURER	121000	CTION AUTHORIZA	TION	OTHER (Specify	,	JUL	37920
Y INSPE		MATURACIURER	i			, , , , , , , , , , , , , , , , , , , ,	100	* 🛕	ૢૼૻૺ
1 1	DESIGNEE X	REPAIR STATION	OF TI	DIAN DEPARTMENT			/2	In ·	1004
TE OF APPR	OVAL OR	CERTIFICATE OR		IRCRAFT	UTHORIZED	INDIVIDU	1 6	DEOF	1331
IECTION		DESIGNATION NO.	. 67			Sent	. 12	KFI 🔠	(En
6	12//91								
A Form 3	/27/91	VA1R551K			John	Denter	· , /00	ULULI	

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.

			<u> </u>	
8. DESCRIPTI craft no	ON OF WORK ACCOMPLISHED (If mationality and registration mationality and registration mation	ore space is required ark and date work co	, attach additional sheets. empleted.)	Identify with air-
Instal I, dat	led Bendix pressurized a ed 2/29/90. Installed	magnetos p/n S6LN I/A/W STC SE45918V	1251 and 1255 per Dwg '.	. 1029, Rev.
Instal SE3767	led spring load induction	on hose clamps per	5wg. 1171 dated 5/2	3/85 I/A/W STC
Negrig	ible weight and balance	change.		
#11735	ent details of the /A9325.	above instaliatio	ons are on file unde	r-work order
ر بيد رمينگه جو توفيد. د انځو او د د د نورې د انځم اد د د د نورې		END		
the state of the s		END 2 15		
veteranije v	larina in anti-			
der eigenen		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
		a desar de caracter de la companya d	in the state of th	
despessé				
			ا المنظم المنظم المنظم المنظم المنظم المنظم المنظم المنظم المنظم المنظم المنظم المنظم المنظم المنظم المنظم الم المنظم المنظم	Contract to the second
Latte whi	وبري بالمشيدة والمنطب المستراب المتحل والمرابي والمتحارب		and the second of the second o	
			of the second second second second second second second second second second second second second second second Second second s	
. ontar	woors Vilens Vies Hove the sparit constitution		TANGES AND ALTERNATION OF THE PARTY OF THE P	ing i ghilip San ang ang ang ang ang ang ang ang ang a
t váterní.	2278 200 - 2278 - 2278 200 - 2278 200 - 2278 200 - 2278 200 - 2278 200 - 2278 200 - 2278 200 - 2278 200 - 2278	da a la filia de la elica de la	hariokalas esp espera. Les transferences	• '
	CENTAV CENTAC		自己300。 1570 中國第一日第四日第四日第二日第二日	
is aremedi Harrane i	ad suc pelso sine 15 cm is the admist again grass su comes. In			កាត់ស្មែល ក្រុង កាត់ស្មែល កាត់ស្ពៃ
	(greened gales) (green)			

ADDITIONAL SHEETS ARE ATTACHED

U.S. GPO: 1981 - 775-332:47

₹1

MAJOR REPAIR AND ALTERATION [Airfrenne, Poweriplant, Propeller, or Appliance] INSTRUCTIONS: Prior or yet pell entries. Ber Anstructions and disposition of this form. Ber Anstruction of this fo		rate in the second	DEPARTMENT OF TRAI FEDERAL AVIATION AS					Form Ap, Budget B	proved ureau N	o. 04–R0	50.1
SERIAL NO. SERIAL NO. ALICAST RAME (As shown on registration cartificate) ROOSE ROOSE ROOSE ROOSE ROOSE ROOSE ROOSE ROOSE ROOSE RESIAL NO. SERIAL NO		(Airframe,	OR REPAIR AN Powerplant, Pro	D A	LTERATION er, or Applier			OFFICE I	DENTIFK FAT FS	ATION DO	
ANDRESS (as shown on registration certificate) OWNER NAME (As shown on registration certificate) OWNER NAME (As shown on registration certificate) NOOLE, JETTY 3. FOR FAS USE OBLY 3. FOR FAS USE OBLY OWNER OWNER OWNER OWNER A GENCY'S NAME AND ADDRESS ANDRESS (as shown on registration certificate) IT75 28th Street Bakersfield, CA 93301 5. TYPE Bakersfield, CA 93301 SENIAL NO. SENIAL	INSTRUCT	TIONS: Print or tons and disposit	type all entries. See ion of this form.	FAR (13.9, FAR 43 App	rodiz B, and	AC 45.9-1	der sub	sequent	revision t	hercof)
ASERIAL NO. 421C-0158 NAME (As shown on registration cartificate) NAME (As shown on registration cartificate) 1735 28th Street Bakersfield, CA 93301 8. FIRE FAA US CORY NOOSE, Jerry A. BIST IDENTIFICATION MOODE, SERIAL NO. SERIAL NO. SERIAL NO. SERIAL NO. ADDRESS (As shown on registration cartificate) 1735 28th Street Bakersfield, CA 93301 8. FIRE FAA US CORY INFORMATION SERIAL NO.		MAKE CESSN	A	300			C				
NAME (As shown on registration certificate) NAME (As shown on registration certificate) 1735 28th Street Balkersfield, CA 93301 3. FOR FAS USE OBLY 4. SHILL DERUFICATION 5. TIPE BALE BALE BALE BALE BALE BALE BALE BAL	. AIRCRAFT	SERIAL NO.			•	NATIONALI	Y AND R		ION M	ARK	
S. FOR FAM USE CHILY 3. FOR FAM USE CHILY 3. FOR FAM USE CHILY 4. BMS IDENTIFICATION BERIAL NO. CERTIFICATE NO. U.S. CERTIFICATE NO. I.C. CERTIFICATE NO. I.				- I etc					ion certif	icote)	
A. SINT IDENTIFICATION UNIT SAIS 4. SINT IDENTIFICATION SCRIAL NO. SCRIAL	. OWNER					173	5 28th	Street			
INFRAME OWERPLANT OWERPLANT OFFILER OPPLIER				3.	FOR FAA USE ON				3330		
UNIT AND SERIAL NO. REPAIR ATTER AND ADDRESS ATTER AND ADDRESS ATTER AND ADDRESS AND ADD							er er				
TOPELLER ONE PLANT OPELLER ONE OF A GENCY'S NAME AND ADDRESS RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708 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 ansachments hereto have been made in accordance with the requirements hereto have been made in accordance with the requirements hereto have been made in accordance with the requirements hereto have been made in accordance with the requirements hereto have been made in accordance with the requirements of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the service of the U.S. Federal Aviation Regulations of the Administrator of the Federal Aviation Administration and is SIGNATURE OF MADE INDIVIDUAL T. APPROVAL FOR RETURN TO SERVICE WESUMAN TO SERVICE TO SERVICE OF TRANSCORD OTHER (Specify) PAA PRINTED AND THE OTHER OF APPROVALOR OF TRANSCORD OTHER (Specify) PAA DESIGNEE X REPAIR STATION OF TRANSCORD OTHER (Specify) TE OP APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVIDUAL PAA DESIGNEE X REPAIR STATION OF TRANSCORD SIGNATURE OF AUTHORIZED INDIVI			4. 96	I IDE	NTIFICATION	Ten d'anni				5.	TYPE
OWERPLANT GTSIO-520-L L-241235,R X ROPELER PRIANCE MANUFACTURE PARAME A. AGENCY'S NAME AND ADDRESS S. K. OF AGENCY A. AGENCY'S NAME AND ADDRESS S. K. OF AGENCY C. CERTIFICATE NO. RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708 D. I certify that the repair and/or alteration made to the unit of the state of assachments hereto have been made in accordance with the requirem of Part 45 of the U.S. Pederal Aviation Regulations and that the information furnished herein is true and correct to the of my knowledge. AIE 6/27/91 SIGNATURE OF MINORIZED INDIVIDUAL 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the process of the several aviation Administration and is NAPPROVED RESISTED. TO APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the money prescribed by the Administrator of the Federal Aviation Administration and is NAPPROVED RESISTED. TO APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL OF TRANSPORT MERPECTON. TAA DESIGNEE X REAR STATION CANADAND DEPARTMENT OF AUTHORIZED INDIVIDUAL OF TRANSPORT MERPECTON. TO APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL DEFOUNDED TO APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL DEFOUNDED TO APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL DEFOUNDED TO APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL DEFOUNDED TO APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL PURSUANCE OR TO APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL PURSUANCE OR SIGNATURE OF AUTHORIZED INDIVIDUAL	UNIT		Name		MODEL			BIAL NO.		REPAIR	
ROPELLER PPLIANCE MANUFACTURE A. AGENCY'S NAME AND ADDRESS D. K. OF AGENCY A. AGENCY'S NAME AND ADDRESS RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708 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 requirem of Part 43 of the U.S. Pederal Aviation Regulations and that the information furnished herein is true and correct to the of my knowledge. AIE 6/27/91 FIA RIT STANDARDS MANUFACTURE MANUFACTURE FIA RIT STANDARDS MANUFACTURE MANUFACTURE FIA RIT STANDARDS MANUFACTURE MANUFACTURE MANUFACTURE MANUFACTURE FIA RIT STANDARDS MANUFACTURE MANUFACTURE MANUFACTURE MANUFACTURE FIA RIT STANDARDS MANUFACTURE	URFRAME		***************************************	As desc	cribed in item 1 ab	ove) *******	*******	•••••			<u> </u>
PPLIANCE MANUFACTURES A. AGENCY'S NAME AND ADDRESS B. KIES OF AGENCY C. CERTIFICATE NO. B. KIES OF AGENCY C. CERTIFICATE NO. U.S. CERTIFICATE MECHANIC FOREION CERTIFICATE MECHANIC FOREION CERTIFICATE MECHANIC FOREION CERTIFICATE MECHANIC VAIR551K WACO, Texas 76708 D. I certify that the repair and/or alteration made to the unit(s) identified of part 43 of the U.S. Pederal Aviation Regulations and that the information furnished herein is true and correct to the of my knowledge. SIGNATURE OF APPROVAL FOR RETURN TO SERVICE FURSUANT to the authority given persons specified below, the unit identified in item 4 was inspected to the one persons and in a APPROVAL FOR RETURN TO SERVICE FAR RI. STANDARDS NAMINISTRATION OF TRANSPORT DESCRIPTION FAA RI. STANDARDS NAMINISTRATION OF TRANSPORT DESCRIPTION FAA DESIGNEE X REPAIR STATION OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION TO APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL D. C. CERTIFICATE NO. C. CERTIFICATE NO. VAIR551K VAIR551K VAIR551K VAIR551K VAIR551K TARPOVAL FOR RETURN TO SERVICE SIGNATURE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL D. C. CERTIFICATE NO. C. CERTIFICATE NO. C. CERTIFICATE NO. VAIR551K TO THE STANDARDS OF AUTHORIZED INDIVIDUAL OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO THE STANDARD DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRANSPORT DESCRIPTION TO TRAN	OWERPLANT				GTS10-520-L		L-241	235.R			x
PPLIANCE MANUFACTURES A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708 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 45 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the of my knowledge. AIE 6/27/91 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected the land of the prescribed by the Administrator of the Federal Aviation Administration and is APPROVED RESERVED TO TRANSPORT BESPECTOR PAA FIT. STANDARDS MANUFACTURER INSPECTION AUTHORIZED INDIVIDUAL OF AMPROVAL FOR RETURN TO SERVICE PAA FIT. STANDARDS MANUFACTURER INSPECTION AUTHORIZED INDIVIDUAL OF TRANSPORT BESPECTOR OF TRANSPORT BESPECTOR JIII 1991 1991 1991 TO PAPPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL OF AMPROVAL FOR METHORIZED INDIVIDUAL OF TRANSPORT BESPECTOR JIII 1991 TO PAPPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL OF AMPROVAL FOR METHORIZED INDIVIDUAL OF AMPORT BESPECTOR JIII 1991	ROPELLER								,		
A. AGENCY'S NAME AND ADDRESS RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708 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 requirem and that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished herein is true and correct to the sund that the information furnished in item 4 was inspected the sund that the information furnished in item 4 was inspected the sund that the information furnished in item 4 was inspected the sund that the information furnished in item 4 was inspected the sund that the information furnished in item 4 was inspected the sund that the information furnished in item 4 was inspected the sund that the information furnished in item 4 was inspected the sund that the information furnished in item 4 was inspected the sund that the information furnished in item 4 was inspected to the sund that the information furnished in item 4 was inspected to the sund that the information furnished in item 4 was inspected to the s	PPLIANCE										
A. AGENCY'S NAME AND ADDRESS RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708 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 requirem and that the information furnished herein is true and correct to the station of my knowledge. ATE 6/27/91 7. APPROVAL FOR RETURN TO SERVICE Fursuant to the authority given persons specified below, the unit identified in item 4 was inspected the language of the Rederal Aviation Administration and is APPROVED REJECTED FAA RI, STANDARDS MANUFACTURES INSPECTION AUTHORIZED INDIVIDUAL OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DESCRIPTION AUTHORIZED INDIVIDUAL DEPARTMENT OF TRANSPORT DEPARTMENT OF TRANSPORT DEPARTMENT OF TRANSPORT DEPARTMENT OF TRANSPORT DEPARTMENT OF TRANSPORT DEPARTMENT OF TRANSPORT DEPARTMENT OF TRANSPORT DEPARTMENT OF TRANSPORT DEPARTMEN	<u> </u>	<u>L </u>		C	DREGRALTY STATES	LENT					<u>. </u>
RAM Aircraft Corporation P. O. Box 5219 Waco, Texas 76708 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 and that the information furnished herein is true and correct to the of my knowledge. SIGNATURE OF APPROVAL FOR RETURN TO SERVICE T. APPROVAL FOR RETURN TO SERVICE Outsunt to the authority given persons specified below, the unit identified in item 4 was inspected the sun of the Federal Aviation Administration and is X APPROVED REJECTED PAA RT. STANDARDS MANUFACTURER WEPAR STATION CANADIAN DEPARTMENT OF TRANSPORT BEFFECOR OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL OTHER REPORTS TO PAPPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT D. T. APPROVAL OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT D. T. APPROVAL OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT D. T. APPROVAL OR PART STATION CANADIAN DEPARTMENT OF TRANSPORT BEFFECOR D. T. APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT D. T. APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT D. T. APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT D. T. APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT D. T. APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT D. T. APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT CON ABCRAFT CON ABCRAFT CON APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL CON ABCRAFT CON	A. /	GENCY'S NAME		·	B. K	OF AGEN	ICY		C. CER	TIFICATE	NO.
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 requirem and that the information furnished herein is true and correct to the of Mr. Pederal Aviation Regulations of my knowledge. SIGNATURE OF Phorizzed Individual 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected the Administrator of the Federal Aviation Administration and is APPROVED REJECTED FAA FLT. STANDARDS MANUFACTURES INSPECTION AUTHORIZED INDIVIDUAL CANADIAN DEPARTMENT OF TRANDARDS OF TRANSPORT REPECTOR. JUL 2016 CANADIAN DEPARTMENT OF TRANSPORT REPECTOR. JUL 2016 CANADIAN DEPARTMENT OF AUTHORIZED INDIVIDUAL CONTROL OF TRANSPORT REPECTOR. JUL 2016 CANADIAN DEPARTMENT OF AUTHORIZED INDIVIDUAL CONTROL OF TRANSPORT REPECTOR. JUL 2016 CANADIAN DEPARTMENT OF AUTHORIZED INDIVIDUAL CONTROL OF TRANSPORT REPECTOR. JUL 2016 CANADIAN DEPARTMENT OF AUTHORIZED INDIVIDUAL CONTROL OF TRANSPORT REPECTOR. JUL 2016 CANADIAN DEPARTMENT OF AUTHORIZED INDIVIDUAL CONTROL OF TRANSPORT REPECTOR. JUL 2017 JUL 2	P. O. B	x 5219	ration .		FOREION CERT	TED MECHA	NIC	\exists \cdot	/A1R55	1K	
7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected the more prescribed by he Administrator of the Federal Aviation Administration and is APPROVED REJECTED PAA RT. STANDARDS MANUFACTURES INSPECTION AUTHORIZATION OTHER (Specify OF TRANSPORT DESPECTOR) OF TRANSPORT DESPECTOR OF AMERICAN DESIGNATURE OF AUTHORIZED INDIVIDUAL CONTINUED INDIVIDU	D. I certify attachmen and that	that the repair and the hereto have to the information	and/or alteration made seen made in accorda furnished herein is to	de to nce w	the unit(s) identity	d in item	4 above 1 5 of the U sowledge.	nd desci S. Feder	ribed on al Aviat	the reve ion Regu	rse or lations
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected the Administrator of the Federal Aviation Administration and is APPROVED REJECTED FAA RT. STANDARDS MANUFACTURES INSPECTION AUTHORIZATION FAA DESIGNEE X REPAIR STATION OF TRANSPORT DESPECTOR. CANADIAN DEPARTMENT OF TRANSPORT DESPECTOR. THE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL 2 DEPARTMENT 2 DEPARTMEN	6,	/27/91						AL		•	
PAA RT. STANDARDS MANUFACTURER INSPECTION AUTHORIZATION OTHER (Specify A STANDARD ST											
PAA DESIGNEE X REPAIR STATION CANADIAN DEPARTMENT OF TRANSPORT DISPECTOR. OF AMERICAN OF A	be Administ	rator of the Fede	en persons specified break Aviation Administ	istion serow.	and is APPE						
PAA DESIGNEE X REPAIR STATION OF TANISHOST DISPECTOR. OF TANISHOST DISPECTOR. OF AMPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL SIGNATURE OF AMPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL SIGNATURE OF AUTHORIZED SIGNATURE SIG	INDE		MANUFACTURER (A.			ATION	CTHER (Speci	77	E.7	A	195057
TE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL		DESIGNEE	REPAIR STATION	1	OF TRANSPORT INSPE	CTOR				أالل	991
	IECTION!	4.	DESIGNATION NO						18910	ECEN	'EO

₽.

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

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

Installed Bendix pressurized magnetos p/n 86LN 1251 and 1255 per Bwg. 1029 Rev I, dated 2/29/90. Installed I/A/W STC SE45918W.

Installed spring load induction hose clamps per Dwg. 1171 antil 5/2060 if A/R SIC SE3767SW.

Negligible weight and balance change.

Pertinent details of the above installations are on file under work order #11735/A9325.

The contract of the contract o

ASSINONAL SHEETS ARE ATTACHED

TO DESCRIPTION OF THE PROPERTY OF

PAA AC 72-4908

₽ U.S. GPO: 1981 - 775-332/47

1

The state of the s

	CEIV	الأو	DEPARTMENT OF TRAN				Form Approved Budget Bureau		
SF	P 2 621	90	FEDERAL AVIATION AD			Signal Section			
			UOR REPAIR AN	D ALT	ERATION		OFFICE IDENTIF	A USE ON	VLY
FAA			e, Powerplant, Pro			Transfill	DALF	SDQ.	
1 6	A MAGICA	IONS: Print o	r type all entries. See I	AR 43.9	, FAR 43 Appendix I	3, and AC 43.9-	1 (or subsequen	t revision	thereof
18 Seption	1.91	MAKE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		MODI	BL Sign and a sign of the sign	2.190.1		
1. /	AIRCRAFT	SERIAL NO.	SSVICE	***		421C			
			1C0158		NATIO	N5288J	EGISTRATION /	MARK -	
		NAME (As sho	wn on registration certifica	rie)	ADDR	ESS (As shown or	n maistration and	ei@antal	
2.	OWNER	u X.	ay Holland			3120 In	verness Dr.	- Adam III	
<u> </u>		Μισουτ	ay Horrana	2 E/	N FIA HEE ONLY	Waco, T	X 76710	321	
		£558 *** 3.		3. Ft	OR FAA USE ONLY		:		*
20	nicht eine State der State der State der State der State der State der State der State der State der State der			- N	Bartin Salah Salah			** *	-
			· 例如如何是基			: 4 <u>1</u> 1			
	(1007) (数)	164. (1)	The waster the			· .			
<u> </u>	MARINE.		TO SEE THE SECOND			क्ष्मुकुर्द्धाः		٠	_
_	<u> </u>	-	4. UNIT	IDENTI	ICATION			J = 5.	TVDE
- St.	UNIT	<u> 40 - ya</u>	MAKE		MODEL	Sí	ERIAL NO.	—	ALTER
			*					REPAIR	ATION
AIRF	RAME		**************************************	describe	rd in item 1 above)	********	*****		
-	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	HATEN BUKAN WATEN	disare.						X
POW	ERPLANT		建 设 上	14			નુ ફાર્સફ	e ket	
	15		。 中国的基础的		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		चिंका इं	13	
,,,,,	PELLER				Z			n Jest	
	LLIER			48.37					
	1	YPE	And the second	A (3 (A)			3990.675455 C. 111355745	+	
APPL	IANCE	79 a							5
. f		MNUFACTURER				Arry Transfer		ξĘ.,	200
	despitation.			6 (ONE	DRMITY STATEMENT			<u> </u>	<u> </u>
	A. AC	ENCY'S NAW	E AND ADDRESS		B. KIND OF	AGENCY	C. CFI	RTIFICATE	NO
R	lowe Her	ley: *		X	U.S. CERTIFICATED MECH			20 d.	<u></u>
7 P	nencey	578	6t Service	7 25	FOREIGN CERTIFICATED A		13608	030 H	- E-12
L A	ddison.	JX 1500	www.common.com 1		MANUFACTURER	I CAN Y			-
D. 1	I certify th	at the renair	and/ne alessasion	to the	() () () () () () () ()	item 4 shave -	nd described -		
	rug that th	nereto have e information	been made in accordance furnished herein is true	e with t	he requirements of Pi	art 43 of the U.	S. Federal Avia	n the reve	istions
DATE		ે તે પ્રદુવસાર્થ	to suu		NATURE OF AUTHOR		· ·		
	<u> </u>	-24-90	"你一道是被唯一				177. 177. a. 31	2.4	
<u> </u>	- 20 E.C. 1289				Row Mul	T1 100		_	***
Pura		authority giv	STARTER A		OR RETURN TO SERVIC				
the	Administra	or of the Fed	en persons specified bel eral Aviation Administra	ow, the tion and	unit identified in item	4 was inspected	d in the manne	r prescribe	ed by
	FAA PLT	STANDARDS			CTION AUTHORIZATION	OTHER (Specify		, - 1	
BY	INSPEC			\sim \perp	DIAN DEPARTMENT			igA SA. Sara	43
	FAA DI	SIGNEE	REPAIR STATION	OF T	RANSPORT INSPECTOR				
	OF APPRO	VAL OR		SIGN	IRCRAFT IATURE OF AUTHORI	IZED INDIVIDU	otensaklijaja (j.). Altima viikas	<u>*************************************</u>	**************************************
REJECT			DESIGNATION NO.						

(8320)

C FAA AC 72-4996

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 airworthiness requirements:

CCOMPLISHED (If more space d registration mark and			Andrew Commencer
INSTALLED CLEVEL	AND RRAKE CONUE	PSTAN VIT	Colorador Colorador Colorador
PN 199-76 IN ACC	ORDANCE WITH ST	C SA 197 GI	en en en en en en en en en en en en en e
WEIGHT CHANGE NE	GLIGABLE.		
	E N D	a visa kan kalendari dari dari dari dari dari dari dari	
	建 模。		
To the late of the			
	e jan Steangersträte albei eiter ja		시의 보통해요요. 신화 ::
		in the second	
	Frank Park		
			A STATE SECTION
		the there	
	Floring States		
		or gran word	

★ U.S. GPO: 1981 - 775-332/47

	DEL MENT OF			TON THE	Form Budg	Approved et Bureau N	Va 04-120	60.1
	MAJOR REPAIR			3. C	\ E	FOR FAA	USE ON	
	(Airframe, Powerplant,	Prope	llegor Applica	F9420	OFFIC	E IDENTIFI		
INSTRUCT	TIONS: Print or type all entries. ons and disposition of this form.	See FAR	430 AR 430 PE	- P	C 43.9-1 (or			
. AIRCRAFT	CESSNA		ETTO.	MODE	421C			in.
	SERIAL NO. 0158	•	/ <u>''</u>		TY AND REGIST N-5288J	RATION M	ARK	
	NAME (As shown on registration co	ertificate)			As shown on regis	tration certi	ficate)	
2. OWNER	SYMTRON CORPO	RATIO	N .	1988	LOGHORM AIN VIEW			9404
			3. FOR FAA USE ONL					
:						40 P		
	7	UNIT ID	DENTIFICATION		Prince of the Control		5. 1	ГҮРЕ
UNIT	MAKE		MODEL		SERIAL N	ю.	REPAIR	ALTER- ATION
IRFRAME	***************************************	અ (As de	escribed in item 1 abo	ve)******	•••••••	•		×
OWERPLANT						•		
ROPELLER								
PPLIANCE	MANUFACTURER							
	<u> </u>		CONFORMITY STATEME	aut				· * j
A. A	GENCY'S NAME AND ADDRESS	676		OF AGEN	icy	C. CER	TIFICATE I	<u> </u>
DEL N	MONTE AVIATION, INC.	21 , 5 33	U.S. CERTIFICATE			12777	·······································	10
	ox 1311 —		FOREIGN CERTIFIC		NIC	46:	39 Ì	
	erey, California 93940 E LOS A Repair Sta #4639 DOSES	de Albinita de Carite	MANUFACTURER					
D. I certify to attachmen and that t	that the repair and/or alteration ts hereto have been made in acco he information furnished herein	made to rdance s is true a	the unit(s) identification the requirement of the period to the period t	ed in item s of Part 4: st of my kn	4 above and de 5 of the U.S. Fe owledge.	scribed on detal Aviati	the reversion Regul	rse or ations
ATE	VCC6+ AVMON (5.88) DEC 6 A1970 (740 H26)	Burt <u>Arri</u>	SIGNATURE OF AL	6	INDIVIDUAL.	ecu	D 0 10 10 10 10 10 10 10 10 10 10 10 10 1	
Pursuant to th			VAL FOR RETURN TO					المراجع الما
he Administr	he authority given persons specific ator of the Federal Aviation Admi	nistration	tne unit identified APPRO	In item 4 N	as inspected in EJECTED	the manner	prescribe	d by
FAA F	LT. STANDARDS	And the second	INSPECTION AUTHORIZA	TION	OTHER (Specify)	N Francis		- 11
	DESIGNEE X REPAIR STATION		CANADIAN DEPARTMEN OF TRANSPORT INSPECT OF AIRCRAFT	T FOR		ranga sa	سسمم درا	
TE OF APPR JECTION_ JECT 6	OVAL:OR CERTIFICATE OF DESIGNATION		SIGNATURE OF AL	THORIZED	INDIVIDUAL	ul	4	
A Form 3	37 (7–67) ☆ U.S. Government I	Printing Of	ffice 1977—772-646/141	ب ر			(83	320)

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 airworthiness requirements.

8. DESCRIPTION 0 craft nation	F WORK ACCOMPLISHED (If more space is required, attach additional sheets, ality and registration mark and date work completed.)	Identify with air-
ITEM A:	INSTALLED HOSKINS SUMBOLIC DISPLAY FUEL FLOW SYST P/N 701921-2 MODEL CFS2000. SYSTEM INSTALLED IN ACCORDANCE WITH INSTRUCTIONS AND DRAWING 421001 FURNISHED BY HOSKINS SYMBOLIC DISPLAY INC. SYSTEM APPROVED BY FAA STC2780SW.	nyana jergentakan nyana jergentakan
	INSTALLED DAYTRON CLOCK MODEL 811B IN ACCORDANCE INSTRUCTIONS FURNISHED BY DAYTRON INC.	
ITEM C:	ADVISORY CIRCULAR 43.13-2A CHAPTER 2 USED AS OUTLE FOR INSTALLATION OF ITEMS A AND B.	TME
	AIRCRAFT RECORDS HAVE BEEN AMENDED.	الأوساء والمثارة وأبينهم ويبا
	END	
		1
● ĝintino de la la la la la la la la la la la la la		
		<i>j</i>
		POPAIS I WAS
A September 1 -		
	그는 사람들 말을 하는 전 등록하면 못하다면서 얼굴을 받는데	
	. 이 그 그렇다는 위한 동화 그를 사랑하는 것 만큼 없는 것 같다.	
7	TARA TEL CORRETTE	
in grand the way		
State of the state		
71		a saminga ya ya kacama Kanana katama
	上,只是一点,我们就是一个大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	the grant and an expect of a second of the s
	ADDITIONAL SHEETS ARE ATTACHED	ARTONIOS SELVICIOS
	ADDITIONAL SHEETS ARE ATTACHED	er of the second
en en en en en en en en en en en en en e		3,6
		·

FAA Form 337 (7-67)

Sales and Sales

A	DEPART OF TRANSPO	ORTATION VISTRATION		Form Approved Budget Bureau N	lo. 04 –R 0	60. I
8. W.	MAJOR REPAIR AND (Airframe, Powerplant, Prope	ALTERATION	nce)	FOR FAA OFFICE IDENTIFIE SIGN GALOO	CATION	
INSTRUCT	TIONS: Print or type all entries. See FAI	R 43.9, FAR 43 App	endix B, and AC 43.9-			
1. AIRCRAFT	CESSNA SERIAL NO.			21C		
	421C0158	45-	NATIONALITY AND	REGISTRATION M.	ARK	
2. OWNER	NAME (As shown on registration certificate DEL MONTE AVIATION		POST OFFICE MONTEREY,	BOX 1311) & A
		3. FOR FAA USE ON	ILY >	UNLIV OKITE!	3)3	770
- 	4. UNIT II	DENTIFICATION			* 5. T	YPE
UNIT	MAKE I RECEIVED	MODEL	Taraga Sala Sa	ERIAL NO.	REPAIR	ALTER-
AIRFRAME	(As 'd	escribed in item 1 ab	ove)*************	•		x
POWERPLANT						
PROPELLER	ALTERIOR NO. WITH THE STATE OF			Compila	Territoria	
APPLIANCE	TYPE 1 YOU WHEN THE STATE OF TH				150 170 17V	
	6.	CONFORMITY STATEM				
DEL TELE L MO	GENCY'S NAME_AND ADDRESS MONTE AVIATION INC. D. BOX 1311 - (408) 373-131121 V X. 331419 - DELANTEAY MNTY DITERBY, CALIFORNIA 93940 FAA BEPAIR 3TA #4.39	U.S. CERTIFICATE	ICATED MECHANIC	C. CERT	TIFICATE 1	10.
	that the repair and/or alteration made to ats hereto have been made in accordance the information furnished herein is true a			and described on J.S. Federal Aviati	the rever	se or ations
DATE	IÁR 2:1::1977		UTHORIZED INDIVIDU	Al. J		1639
					<u> </u>	Entle A
Pursuant to t	he authority given persons specified below ator of the Federal Aviation Administratio	v, the unit identified n and is 😿 APPR	in item 4 was inspect OVED REJECTED	ed in the manner	prescribe	d by
, FAA F	LT. STANDARDS MANUFACTURER	INSPECTION AUTHORIZA	OTHER (Same	(4)		-
FAA I	DESIGNEE X REPAIR STATION	OF TRANSPORT INSPEC OF AIRCRAFT		n men deren bes Bestellt bestellt		
EJECTION	2 1977 CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF A	UTHORIZED INDIVIDU	IAL	7/4 A	

(8320)

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 COLLINS RADIO GROUP AP-107 (3 AXIS) AUTO PILOT SYSTEM.
DATA REQUIRED (1) COLLINS DRAWINGS NO-992-1243-003 REVISIONS
DATED JUNE 5, 1976, OR FAA APPROVED REVISIONS. (2) FAA APPROVED
AIRPLANE FLIGHT MANNUAL SUPPLEMENT FOR CESSNA 42IC WITH THE COLLINS
AP 107 (3 AXIS) AUTO PILOTS SYSTME DATED JUNE 8,1976 OR FAA APPROVED
REVISIONS. STC APPROVAL NO. SA1122CE.

INSTALLED:

COLLINS NCS-31 DISPLAY CONTROL 913Y2 MODE SELECT, 339R-1 DME READOUT, 339R-4 ADF AND XPONDER READOUT, 339R-7 COMM #1 READOUT, 339R-11 COMM #2 READOUT, 339R-16 NAV #1 AND XPONDER READOUT, 899P-1 RADIO ADAPTER 2EA 437X1 DORN ANT., AND-201 RADAR INDICATOR, ANT 212 RADAR ANTENNA, WXT-200 RADAR RCVR/TRANS, 2EA VHF 20A COMMS, 2EA VIR 30A NAVS., 2EA TDR90 TRANSPONDERS, ADF60A ADF RCVR., IMT 250 RADAR INDICATOR MOUNT, 341C-1 SERVO AMP, 332C-10 RADIO MAGNETIC IND., 331AG3 COURSE IND., 339H4 RADIO ALTIMETER INDICATOR, ALT50A RADAR ALTIMETER T/R AND 3EA PS274A POWER UNITS.
3EA DORN OMNI-70-2 ANTENNAS, DORN DMH24-1 DIPLEXER. COLLINS ANT60A ADF ANTENNA, KING KA22 G/S ANTENNA, VT10-56-5 VOR/LOC ANT AND COUPLER, ARC-A29C COMMANTENNA, VT10-30C COMM ANT., AIN-P20 INVERTER, DELTA DE134VHF NAV. STAND BY CONTROL, DELTA DE133 VHF COMM. STAND BY CONTROL. LEAR SIEGLER ENCODING ALTIMETER. REMOVED TA495A TRIM ACTUATOR, CESSNA TSB, CESSNA HORIZON IND. AND SENSITIVE ALTIMETER.
INSTALLATION MADE PER OUTLINE IN ADVISORY CIRCULAR 43.13-2 CHAPTER AND COLLINS, LEAR SIEGLER, DELTA, DORN, KING AND AIN INSTALLATION INSTALLATION MADE PER OUTLINE IN ADVISORY CIRCULAR 43.13-2 CHAPTER AND COLLINS, LEAR SIEGLER, DELTA, DORN, KING AND AIN INSTALLATION INSTRUCTIONS.
AIRCRAFT RECORDS HAVE BEEN AMENDED.

□ ADDITIONAL SHEETS ARE ATTACHED

★1975-G.P.O.-1703-M/673-200/175