(3)
US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020 Exp: 5/31/2018	Electronic Tracking Number
,	or FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a)) Serial No. 21063936 Nationality and Registration Mark N6622C 1. Aircraft Make Series Cessna Name (As shown on registration certificate) Address (As shown on registration certificate) Address 6513 Deidre Ter Jones Aircraft LLC. 2. Owner McLean City State VA Zip 22101-1605 Country USA 3. For FAA Use Only 4. Type 5. Unit Identification Repair Alteration Unit Make Model Serial No. 21063936 Cessna (As described in Item 1 above) $|\mathbf{x}|$ **AIRFRAME POWERPLANT PROPELLER** Туре APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency U. S. Certificated Mechanic Maurice Lemmond Manufacturer Address 1444 Cabrillo Drive Foreign Certificated Mechanic C. Certificate No. State SC Certificated Repair Station City Florence 2060784 USA Country Certificated Maintenance Organization Zip I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 6/18/19 App. B 7. Approval for Return to Service Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Rejected X Approved FAA Flt. Standards Persons Approved by Canadian Maintenance Organization Manufacturer Department of Transport Inspector BY Other (Specify) **FAA Designee** Repair Station Inspection Authorization Designation No. 2060784 Signature/Date of Authorized Individual Mauril Lemmond

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 nati	onality and registration mark and da	te work completed.)
	N6622C	6/18/2019
	Nationality and Registration Mark	Date
Removed Cessna/Lamar Alternator Control P/N DGR	3 S/N 807/6838 and inc	stalled Zeftronies P/N
R25400 S/N 805045 in accordance with Tovya Group		
STC SA8427SW. No change in weight and balance. I	og book entry made	END
Additional Sheets	Are Attached	

FAA Form 337 (10/06)



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

Form Approval
ONB No. 2120-0020

For FAA Use Only

Office Identification

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

for each such v	iolation (Section 9	301 Federal Aviation A	iaw (4	1958).	1421). Fallure to rep	JOH C	an result in a civil pena	iity not to	ехсеео э	1,000
	Make			•	Model		4.03.7			
	Cess	sna			T210N					
1. Aircraft	Serial No.	21063936			Nationality and Registration Mark N66					
		wn on registration cert	ficate)	Address	s (As	shown on registration cer			
2. Owner	Ion	es, John F Jr				5513	Deidre Ter			
Jones, John T. J.					i		ean, VA 22101			
				3. Fo	r FAA Use Only					
				•						
· · · · · · · · · · · · · · · · · · ·		. 4	. Uni	t Identific	ation				5. Type	
Unit		Make			Model		Serial No.		Repair	Alteration
AIRFRAME			~~~ (As describ	ned in item 1 above) ~~					X
POWERPLANT										
			_							
PROPELLER										
	Туре		-			 -		 		
										!
APPLIANCE	Manufacturer									
				6 Conf	ormity Statement				l	
A. Agency's Na	me and Address				nd of Agency	-		C. Cer	tificate No.	
Dennis Wol			Х	<u> </u>				\P2153542IA		
Air Mod		•	Foreign Certificated Mechanic							
2025 Sporty	's Dr				Certificated Repair Station					
Batavia, OH	45103				Manufacturer					
							ve and described on the .S. Federal Aviation			
information fu		true and correct to t		st of my	knowledge.					
Date	V . V .			Signa	ature of Authorized Ind	ividua	31			
つ 多	1/81/	5				ے ز				
				1					Dennis \	Volter
Pursuant to th	e authority give	n nersons specified			for Return To Service		as inspected in the ma	nner nre	scribed I	ny the
		iation Administration			APPROVED		REJECTED	mior pre		
	Fit. Standards	Manufacturer	x	Inspection	n Authorization		Other (Specify)			
ВУ	ector		-							
FAA	Designee	Repair Station		Person Al Canada A	pproved by Transport Airworthiness Group					
	oval or Rejection	Certificate or Designation No.		Signature	of Authorized Individu	al	-			
03/19	5/15			-			2			
- 1.	-, -	AP2153542IA							Dennis	Wolter

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 aircraft nationality and registration mark and date work completed.)

CESSNA T210N

N6622C

s/n 21063936

03/18/15

Install BAS Inc inertia reel shoulder harness system, serial numbers 16299 & 16300, in accordance with BAS report 1002 dated April 01, 2000, or later FAA-approved revision; STC SA00855SE.

----end----

United States of America

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

IMPORTANT DOCUMENTS

KEEP WITH AIRCRAFT RECORDS

Number SA00855SE

This certificate, issued to:

BAS, Inc. 411 Super Cub Drive North PO Box 190 Eatonville, WA 98328

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

Original Product — Type Certificate Number:

Cessna

210K, 210L, 210M, 210N, 210R, P210N, P210R,

T210K, T210L, T210M, T210N, and T210R

Description of the Type Design Change. Installation of BAS, Inc. duel belt shoulder harness with inertia reel in accordance with BAS Report 1002, dated April 01, 2000, or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of

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:

June 16, 2000

Date reissued:

Date of issuance:

November 28, 2000

Date amended: December 02, 2010

By direction of the Administrator

(Signature)

Acting Manager, Seattle Aircraft Certification Office

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

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U.S. Department of Transportation Federal Aviation Administration

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

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

For FAA Use Only

Administratio													
INSTRUCT	IONS: Prin	t or typ	e all	entrie	s. See Title 14 C	CFR §43	.9, Pa	rt 43 Ap	pendix B, and A	C 43.9-1 (or s	subseque	ent revision there	of) for
					This report is re-	quired by	y law ((49 U.S.	.C. §44701). Fail	ilure to report	can resu	ult in a civil pena	lty for each
such violation					 			 -					
Nationality and Registration Mark USA N6622C									Serial No.				
1. Aircraft	USA	N	062	2C					21063936				
= . = . •	Make	_							Model		Serie	es	
	CESSNA	A							T210N				
			_	-	on certificate)				Address (As shown	-	n certificat	re)	
2 Oumar	Jones	Joh	n r	Jr					6513 Deidre				
2. Owner									McLean, VA				
									22101-1605	USA			
3. For FAA Use Only													
												-	
A To	no.				<u> </u>		P 11	6 1 do 415	l'antina				
4. Ty	he						5. Uni	t Identif	ication				
Repair	Alteration		Unit			Make				Model		Serial N	√o.
	X	AIRF	RAMI	E					(As described	in Item 1 al	ove)		
		POW	ERPI	LANT									
		PRO	PELL	.ER									
					Туре								
		455											
		APPL	_iAN(Æ	Manufacturer							1	
·l					<u></u>		6. Cor	nformit	y Statement			<u>. </u>	
A. Agency's	s Name and	I Addr					·						
					***		B. Kind of Agency U. S. Certified Mechanic Manufacturer				urfacturer		
Cincinna				~m~~ +	t County Ai:	rno		U. S. Certified Mechanic Manufacturer Foreign Certified Mechanic C. Certificate No.					
Batavia,	-	TAB	СТӨІ	mont	c county A1:	гро					VYTR3		
45103 US	•							X Certified Repair Station VYTR380B Certified Maintenance Organization Radio Class 1 & 2					
D. I certify have be	D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.												
Extended ran					ture/Date of Authori								
per 14 CFR F		7						-	7				Scott Cole
App. B 18-March-20						18-March-2015							
					27	. Appro	val fo	r Retur	n to Service				
Pursuant to the authority given persons specified below, the Administrator of the Federal Aviation Administration and is					unit		ed in item 5 wa oproved	as inspected Rejecte		manner prescrit	ed by the		
	FAA Fit. Standards Inspector Manufacturer Maintenance Organization Persons Approved by Canadian Department of Transport												
BY	A Designee		х	Repa	air Station	In:	spectio	on Authori	ization	Other (Specify	у)		· · · · · · · · · · · · · · · · · · ·
 Certificate o		ļ	-	Signat	ture/Date of Authori	 ized Indivi	idual						
Designation				2.3	3. 2 2.2 0. 7 10.01011		سے ہوں سے	to	<i>-</i>				Scott Cole
VYTR380B							=	T	(18-March-2015
FAA 5 207													

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.)
USA N6622C Dec-31-2014
Nationality and Registration Mark Performed WAAS Upgrade to the existing Garmin GNS 430 system in accordance with STC Upgrade Installation Manual 190-00357-06 Rev. D. The Garmin GNS 430W is FAA approved under STC SA01933LA.
Validated that the previous installation of the GNS 430 was installed in accordance with Garmin instructions and was FAA approved.
Verified this aircraft and all interfaced equipment are covered under the STC AML.
The existing GNS 430 was removed and sent to Garmin where it was upgraded to GNS 430W.
The existing coax cable was inspect and found to meet the new loss factors of the GNS 430W's.
Installed Garmin GA 35 WAAS GPS antenna per upgrade installation manual instructions using the previously approved mounting.
The GNS 430W was configured identical to the original GNS 430. Each interface was checked out in accordance with the 400W Series Installation Manual 190-00356-02 Rev. G.
Installed a Garmin 400W Series GPS-WAAS Navigation System Supplemental Airplane Flight Manual P/N 190-00356-03, Rev. E.
Advisory Circulars AC 43.13-1B (Chapters 10, 11, and 12), AC 43.13-2B (Chapters 1, 2, 3 and 11), AC 20-165 and AC 20-138A were used as reference as applicable.
Aircraft weight & balance, equipment listing and logbook entries completed to reflect this installation.
400W Series Instructions for Continued Airworthiness can be found in Garmin document P/N 190-00356-65. These superceed ICAW data for the previously installed GNS 430.
Reference Cincinnati Avionics Work Order #8132.END
C ADDITIONAL QUEETO ADE ATTAQUED
ADDITIONAL SHEETS ARE ATTACHED

U.S. Department of Transportation Federal Aviation Administration

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

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For FAA Use Only

Administra											
instructio	TIONS: Prin ns and dispos ition. (49 U.	ition of th	is form.	s. See Title 14 CF This report is requ	R §43 lired b	.9, Part 43 Ap y law (49 U.S.	pendix B, and A .C. §44701). Fai	C 43.9-1 ilure to re	(or subseq eport can re	uent revision thereof) for sult in a civil penalty for	r each
Nationality and Registration Mark USA N6622C							Serial No. 21063936				
1. Aircra	Make CESSN	A		······································			Model T210N		Se	ries	
2. Owner	Jones	shown on John	-	on certificate)			Address (As shows 6513 Deidr McLean, VA	e Ter	tration certific	ate)	
							22101-1605 USA				
						3. For FAA l	Jse Only				
						an de la Maria	·			· · · · · · · · · · · ·	·
4.	Гуре					5. Unit Identii	fication				
Repair	Alteration	Ur	nit	Ma	ake			Model		Serial No.	
	X	AIRFRA	ME				(As described	in Item	1 above)		
		POWER	PLANT								
		PROPE	LLER								
		APPLIA	NCE	Type Manufacturer							
	<u> </u>	<u>L</u>	•	1	(6. Conformit	y Statement				
A. Agenc	y's Name and	Address		- 1		B. Kind of A			•		
Cincin	nati Avio	nics				U. S. C	ertified Mechanic		M	anufacturer	
	-	ive Cl	ermon	t County Airp	90		Certified Mecha	inic		tificate No.	
Batavi 45103	•						d Repair Station d Maintenance C	Organizati		380B o Class 1 & 2	
have	been made ii	n accorda	nce witl		of Parl	lentified in iter t 43 of the U.	n 5 above and d	escribed	on the reve	erse or attachments here that the information	eto
Extended i			Signa	ture/Date of Authorize	d Indivi	idual					Scott Cole
per 14 CFI App. B	R Part 43		1			To	1			18-M	arch-2015
						val for Retur					
	dursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the dministrator of the Federal Aviation Administration and is						y the				
	FAA Fit. Standards Inspector Manufacturer Maintenance Organization Persons Approved by Canadian Department of Transport										
BY	FAA Designee	24	Rep	air Station	In	spection Author	ization	Other (S	pecify)		
Certificate Designation	on No.		Signa	ture/Date of Authorize	ed Indivi	idual	A	•			Scott Cole arch-2015
* T T K J O C							<u> </u>				

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.)

USA N6622C Dec-31-2014

Nationality and Registration Mark

Date

Removed the existing Cessna 300 ADF, ARC IN-385A Nav Indicator, ARC Autopilot, BendixKing KX 155 Nav/Com, Garmin GTX 327 Transponder.

The following equipment was installed in the aircraft:

Make Model Garmin GTN 750 Garmin GA 35

Description

Com/Nav/GS/WAAS GPS

Location Radio Rack Approval basis/Installation Data

STC SA02019SE-D

WAAS GPS Antenna

Top Fuselage Radio Rack

STC SA01695SE & STC SA01933LA-D STC SA01714WI

Garmin GTX 330 ES Transponder Garmin GDL 88 ADS-B UAT Transceiver Aspen EFD1000 Pro PFD EFIS S-TEC 55X Autopilot System

Aft Avionics Various Varioius

STC SA02119SE STC SA10822SC

STC SA8896SW-D

The Garmin GTN 750 Com/Nav/GS/WAAS GPS System is interfaced to the following:

The Garmin GDL 88 ADS-B Transceiver via ethernet.

The Aspen EFD 1000 Pro Primary Flight Display.

The Garmin GNS 430W GPS/WAAS Nav/Com.

The Garmin GTX 330ES Transponder.

The Garmin GMA 340 Audio Panel.

The existing com, nav, and Garmin GA 35 WAAS GPS Antenna.

The Garmin GTN 750 is protected by a 5 amp CB "GPS 1", & 5 amp CB "COM 1" supplied by the avionics buss. The FAA Approved Airplane Flight Manual Supplement and Pilot Guide for the GTN 750 have been placed aboard the aircraft.

The Garmin GTX 330ES Transponder was interfaced as documented above and to the following:

The Garmin GDL 88 ADS-B Transceiver, GTN 750 Com/Nav/GS/WAAS GPS, GMA 340 Audio Panel, Aspen EFD 1000 Pro PFD and existing pulse antenna. The Garmin GTX 330ES is protected by a 5 amp CB "TXP" supplied by the avionics buss. The FAA Approved Airplane Flight Manual Supplement and Pilot Guide for the GTX 330ES has been placed aboard the aircraft.

The Garmin GDL 88 ADS-B UAT Transceiver was interfaced as documented above and to the following:

The Garmin GMA 340 Audio Panel, GNS 430W GPS/WAAS Nav/Com, GTX 330 ES Transponder and the existing pulse antenna. The Garmin GDL 88 is protected by a 3 amp CB "ADS-B" supplied by the avionics buss. The FAA Approved Airplane Flight Manual Supplement and Pilot Guide for the GDL 88 have been placed aboard the aircraft.

The Aspen EFD 1000 Pro Primary Flight Display was interfaced as documented above and to the following:

The Garmin GNS 430W GPS/WAAS Nav/Com & STEC 55X Autopilot. The Aspen EFD 1000 Pro is protected by a 2 amp CB "ACU" supplied by the avionics buss and a 7.5 amp CBS "EFD1000" supplied by the main buss. The FAA Approved Airplane Flight Manual Supplement and Pilot Guide for the EFD 1000 Pro have been placed aboard the aircraft.

The S-TEC 55X Autopilot System was interfaced as documented above and to the following:

The Garmin GMA 340 Audio Panel. The S-TEC Autotrim option was installed. The S-TEC 55X is protected by a 5 amp CB "AP" & 2 amp CB "TRIM" supplied by the avionics buss. The FAA Approved Airplane Flight Manual Supplement and Pilot Guide for the 55X have been placed aboard the aircraft.

Advisory Circulars AC 43.13-1B (Chapters 10, 11, and 12), AC 43.13-2B (Chapters 1, 2, 3 and 11), AC 20-165. and AC 20-138A were used as reference as applicable.

Aircraft weight & balance, equipment listing and logbook entries completed to reflect this installation.

Reference Cincinnati Avionics Work Order #8132, 8202, & 8203.END

AC	DITIONAL S	HEETS ARE	ATTACHED

U.S. Department of Transportation
Coderel Assisting

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

U.S. Department		(Ainfr								
or transportation	S. Department Transportation (Airframe, Powerplan						opliance)			or FAA Use Only
Federal Aviation										
Administration	C: Drint o	r tuno all an	tries. See Title CFR 43		De	nd 42 Annon	div P. and AC 43 () 1 (or sub	200110	ent rougion thoroof) for
	l dispositio	on of this for	 This report is require 							esult in a civil penalty for
1. Aircraft	Nationality N6622C	and Registrat	on Mark				Serial No. 21063936	·		
-	Make						Model			Series
	Cessna						T210N			
2. Owner	Name (As John F J		stration certificate)				Address (As show Address 6513 D	-		,
							City McLear Zip 22101-		intry	State VA USA
			3. F	or	FΑ	A Use Only	,			
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4. Type	!		5. U	nıt	Ia	entification			-	
Repair Alt	eration	Unit	Mak	e.			Model	······		Serial No.
	x	AIRFRAME				_	(As described in it	em 1 abov	е)	
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		PROPELLER								
		4 DDI 14 NOT	Туре							
		APPLIANCE								
			Manufacturer							
			6. C	oni	for	mity Stater	nent		. <u>. </u>	
A. Agency's N	ame and	Address				B. Kind of				
Name Geoffre	y E Peterso	n		_ ;	X	U.S. Certifica	ed Mechanic			Manufacturer
Address 10507	Wakeman D	rive		. [Foreign Certif	icated Mechanic		C.	Certificate No.
City Manass	sas		State VA	.		Certificated R	epair Station		323	6901
Zip 20110		Country US	SA	-		Certificated M	aintenance Organization	on		
hereto hav	e been ma	ade in accor	eration made to the unit	nen	ıts	of Part 43 c	f the U.S. Federal			
information Extended range fue			ue and correct to the be			•	ge.	· · · · · · · · · · · · · · · · · · ·		
14 CFR Part 43 Ap		Olgridit		- Indi		uai .	Geoffre	ey E Peters	on 0	6/12/2009
· · · · · · · · · · · · · · · · · · ·		1	7. Appro	ova	l fo	or Return T	o Service			
			persons specified below					spected in		nanner prescribed by
BY FAA Fit. Standards Manufacturer					Ĭ		ce Organization	Per Dep	son Ap partmer	poved by Canadian nt of Transport
	A Designe	е	Repair Station	Х	: [Inspection	Authorization	Other (S	Specit	fy)
Certificate or Desi			Signature/Date of Auth	nori	ze	d Individual				
3236901		j					eoffrey E Peterson	06/12/200	09	<u></u>

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.

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Ö.	Description	of work	Accomplished	a

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

N6622C 06/12/2009 Nationality and Registration Mark Date

- The purpose of the 337 Form is to document and memorialize the installation of an Electronics International UBG-16 EGT/CHT gauge system.
- The approval basis for this alteration is STC SA00680SE. A copy of the STC and FAA Approved Model List is attached to this submission.
- The installation was accomplished in accordance with the manufacturer's Installation Instructions as follows: Ultimate Bar Graph Engine Analyzer UBG-16 III1111981 dated 11/11/1998, Rev A dated 12/29/2004

Black Box Data Recorder MUX-8A II1221991 dated 12/21/1999, Rev A dated 10/14/2003

Fuel Flow Module II1111981 Supplement 1110985 dated 11/10/1998

Annunciator Light AL-1(X) 0913932 dated 09/13/1993, Rev D dated 05/10/2005

P-102-3/8 0620051 no date or revision listed

Important Installation Information for Connector Crimping 0811061 no date or revision listed

CP-1 LED Intensity Control Pot 0308931A, Rev B dated 05/10/2005

FT-60 Flow Transducer (Red Cube) 1030032 dated 10/30/2003, Rev A dated 12/22/2004

The channel configuration of the monitor was accomplished as follows:

Left Channels Right Channels 1-EGT 1-CHT 2-EGT 2-CHT 3-EGT 3-CHT 4-EGT 4-CHT 5-EGT 5-CHT 6-EGT 6-CHT 7-Oil Temp 7-Turbine Inlet Temp 8-Outside Air Temp 8-Fuel Flow

- 5. All electrical connections were accomplished in accordance with the above-captioned installation instructions. An electrical load analysis determined that the installed equipment will not exceed 80% of the available power output of the alternator.
- The weight and balance date of the aircraft was updated to reflect this alteration, and the aircraft equipment list was also updated.
- 7. A post-maintenance checkout determined that the installed equipment performs as advertised, and causes no interference with any other installed equipment.
- All operators handbooks and instructions for use of the installed equipment were provided to the owner.
- Maintenance personnel shall use the guidance provided in the above-captioned Installation Instructions to perform all Inspections for Continues Airworthiness. 10.

*******	NOTHING FOLLOWS	5 ********
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Becurtment of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA00680SE

This certificate, issued to

Electronics International 63296 Powell Butte Highway Bend. OR 97701

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 * of the * Regulations.

Original Product—Type Certificate Number:

*See attached FAA Approved Model List (AML)

Make

No. SA00680SE for a list of the approved airplane

Model:

models and applicable airworthiness regulations.

Description of the Syne Design Change: Installation of Electronics International Inc. Model UBG-16, or UBG-16T bar graph engine analyzer in accordance with Electronics International Inc. Master Drawing List MDL 1111982, Revision "NEW", dated November 11, 1998, and Installation Instructions II 1111981, dated November 11, 1998, or later FAA approved revisions.

NOTE: The UBG-16 and UBG-16T listed here are designed as advisory engine analyzers, and are not to be used as primary engine instruments.

Similations and Conditions. Approval of this change in type design applies to the aircraft models listed on the AML only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and AML No. SA00680SE 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:

November 12, 1998

Date reissued:

July 8, 2005

Date of issuance:

March 10, 1999

Date amended:



By direction of the Administrator

(Signature)

Acting Manager, Seattle Aircraft Certification Office

(Title)

FAA Approved Model List (AML) SA00680SE For

Electronics International, Inc. Digital Automatic Engine Analyzers

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Issue Date: March 10, 1999			AML Amended	Date			Initial Release	Initial Release	7/8/2005	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	Initial Release	7/8/2005	Initial Release	Initial Release	Initial Release	Initial Release	7/8/2005	Initial Release	Initial Release	7/8/2005	7/8/2005 · ·	Initial Release	Initial Release	7/8/2005	7/8/2005	7/8/2005	7/8/2005	7/8/2005	Initial Release	Initial Release	Initial Release	Initial Release	7/8/2005
sue Date: N			Drawings Installation Instructions	NCVISION	01/11/98 IR or Later FAA	Approved Revision					•	•														•			•						•		•		ļ. 						
IS		•	Installation	- Compa	П 1111981							•			:	•		•	•	•		•					•		•	1.1			•									•			
			Drawings Revision	TACATOR	or Later FAA	Approved Revision					•	•			•		•			•						•	•	•							•								•		
•		, ,	FAA Sealed	200	MDL 1111982						•	•	•	•				•						•			=	•	•				•									•			-
.		Certification	Basis For Alteration				CAR 3	CAR 4A	CAR 4A	CAR Part 3	CAR Part 3	CAR Part 3	FAR Part 23	CAR Part 3	CAR Part 3	FAR Part 23	CAR Part 3	CAR Part 3	FAR Part 23	CAR Part 3	CAR Part 3	CAR Part 3	CAR Part 3	CAR Part 3	CAR Part 3	CAR Part 3	CAR Part 3	FAR Part 23	FAR Part 23			CAR 8	CAR 8	FAR 23	FAR 23	CAR 3	CAR 3	FAR 23	CAR 3	FAR 23	FAR Part 23	FAR Part 23	FAR 21.29	FAR 21.29	FAR 21.29
)	Original	Type	Number				2A2	A768 & 5A2	A-701	3A19	A799	3A12, 3A17	A13CE, A20CE	5A6	3A13, 3A24	A9CE	A-790	A4CE	A16CE	3A21	5A5, 3A14	3A10	3A25	3411	A2CE	A6CE	A7CE	A25CE	A25CE			2A6	2A12	A12S0	A12SO	149	2A4	A12SW	2A4	A12S0	IAI3	IAI3	ASEU	2-439	2-393
			Aircraft Model				Navion 480	120 Series, 140 Series	C-145, C-165	150 Series, 152 Series	170 Series	172 Series, 175 Series	177 Series	180 Series	182 Series, 185 Series	188 Series	190 Series, 195 Series	206 Series	207 Series	210 Series	303 Series, 305 Series	310 Series	320 Series, 335 Series, 340 Series	321	336		401 Series, 402 Series, 411 Series, 414 Series, 421 Series, 425 Series	404	406	See Aviat	See Aviat	1000	12	111 Series, 112 Series	114 Series		560-F, 680, 680-E, 680-F, 680FL, 685	700	720	114B	Colonial C. Series	Lake LA Series	DH Senes	Uti Senes	
			Aircraft Make			-	Camair Aircraft Corp.	Cessna Aircraft	(Also see Reims)				•		x [*]						•.:				·					Christen Industries Inc.	ار آ	Clark		Commander Aircraft	÷.´		1 (Se		٠		Consolidated Aeronautic	(Lake)	De Havilland	Domodrater, Inc.)	-
			Item				77	ล																					;	*	ç;	%									87	٩			

U.S Department of Transpodution Federal Aviation Administration

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

Form Approved OMB No. 2120-0020

For FAA Use Only

BOTH Identification -01

and	disposit	ONS: Print or type a ion of this form. This h violation (Section 9	геро	rt is required b	y law (49	u.s.c	ppendix B, and A . 1421). Failure to	C 43.9-1 (o report ca	or subsequent revis in result in à civil pe	sion thereof) for instending the control of the con	ructions \$1,000	
		Make CESSNA	-		•			Model T210N	1			
1. Aircr	aft	Serial No. 21063936		. •				Nationali N6622	ity and Registration	Mark .		
2. Own	er	Name (As shown JONES, JOH		•	ificate)		•	6513 E	(As shown on regis DEIDRE TER AN, VA 22101-			
	,				,		B. For FAA Use (Only				
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			<i>.</i>									• 4
		4,					. Unit Identifica	tion			5. Type	
Uı	nit	Ma	ike				Model		Seri	al No.	Repair	Alteration
AIRFRA	ME		· · · · ·		(As de	escri	bed in item 1 a	above)~~		~~~~		×
POWER	RPLANT											
PROPE	LLER										-	Sec.
APPLIA	NCE	Type Manufacturer										
		Manufacturer										
						T	. Conformity St	atement				
		me and Address		 		+	(ind of Agency			C. Certificate No		
THOM 3337		LDON PL NW				H	U.S. Certified M Foreign Certified		ic	- 2732423		
		QUE. NM 8710	4				Certified Repair]		
h	ave bee	at the repair and/or a	ce with	h the requirem	ents of Pa							
Date	· · · · · · · · · · · · · · · · · · ·	true and correct to the	e bes	t of my knowle	edge.		Signature of Au	thorized In	dividual			····
27 JU	LY 20	04					THOMAS K	TUA	Themes	Adams		
						7. Ap	proval for Retur	n to Servi				
		ne authority given pe of the Federal Aviat					_	s inspected REJECTED	•	scribed by the		
D.		AA Fit Standards ispector		Manufacture	r	х	Inspection Auth	onization	ľ	Other (Specify)		
BY	F	AA Designee		Repair Statio	n		Person Approve Canada Airwort					
Date of Approval or Rejection 27 JULY 2004 Certificate or Designation No. 585236252 I.A.						•	Signature of Au Kevin Frede			24		<i>y</i>

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 Wor	•	ıl sheets. Identifv wi	th aircraft nationali	· ty and registration mark and date work com	pleted.)
,	N6622C	CESSNA	T210N	S/N: 21063936	,,
1990. STC # SE50	009NM KNISLY EX IG, INC. MODIFIEI	(HAUST IS A RE D MASTER DRA	EQUIRED PAR	03 IAW STC # SA5012NM DATE T OF THIS INSTALLATION. INSTA D. 1 REVISION B, DATED 16 JULY	ALLED PER
NEGLIGIBLE WEI	GHT AND BALANG	CE CHANGE.			
INSTRUCTIONS FINSTRUCTIONS IN				COMPLISHED PER INSTALLATIO	N
				EASED TO A 100 HOUR PRESSU	RF TEST
				IG, INC. DATED 07 NOVEMBER 1	
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United States of America

Department & Transportation — Sederal Aviation Administration

Supplemental Type Certificate

Number SE5009NM

This cortificate, issued to Knisley Welding, Inc.

cortifies 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 13 of the Civil Air

Regulations. dated June 15, 1956, as amended 13-1 through 13-6.

Original Product - Type Cortificato Number: E8CE-19

Make: Continental

Model: TSIO-520-C, H, M, R

Description of Type Design Change

Installation of a modified exhause system in accordance with FAA Approved Knisley Welding, Inc. Modified Master Drawing List No. 1, Revision B, dated July 16, 1990, or later FAA approved revision to this document.

Limitations and Conditions: This approval is limited to engines specifically identified above and does not constitute approval for installation in an aircraft. A separate FAA approval for installation on each aircraft must be obtained. Engines which have previously approved modifications shall not be modified by this STC, unless it is determined that the interrelationship between this change and any previously approved modifications will introduce no adverse effect upon the airworthiness of the engine. A copy of this STC must be included in the permanent records of each engine modified in accordance with this STC. This corlificate and the supporting data which is the basis for approval shalk remain in effect until sur-

rendered, suspended, rovoked, or a termination date is otherwise established by the Administrative of the

Federal Aviation Administration.

Date of application:

Septem

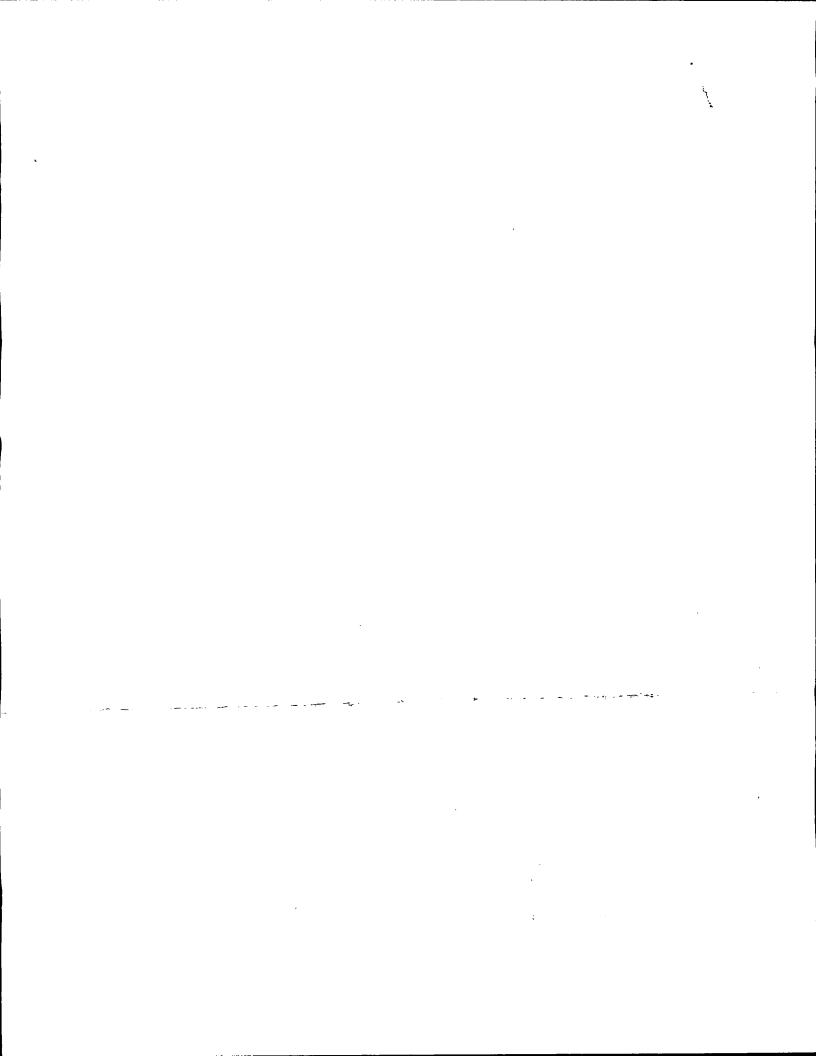
Date of issuance :

October 12, 1990



Manager, Propulsion Branch

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



United States of America

Department of Transportation—Federal Aviation Administration

upplemental Type Certificate

Number SASO12NM

This certificate, issued to

KNISLEY WELDING, INC. 3450 Swetzer Road Loomis, California 95650

cortifies 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 Gart 📑

Regulations

Original Product - Type Corlificate Number: * *See attached FAA Approved Model

Make: * List (AML) No. SA5012NM for list

Model: * of approved airplane models and applicable airworthiness regulations

Description of Trype Design Change: Installation of a modified exhaust system in accordance with Knisley Welding, Inc., Modified Master Drawing List (MMDL) as listed on Approved Model List No. SA5012NM dated January 6, 1994, or later FAA approved revision. Supplemental Type Certificate No. SE5009NM is required as part of this installation.

Approval of this change in type design applies to Limitations and Cunditions: the above model aircraft only. This approval should not be extended to aircraft of these models that incorporate any other previously approved modification unless it is determined that the interrelationship between this change and any other modification will introduce no adverse effect on the airworthiness of these aircraft. A copy of this Certificate and FAA Approved Model List No. SA5012NM dated January 6, 1994, or later FAA approved revision, must be maintained as part of the permanent records for the modified STC TA Ft. This corlificate and the supporting data which is the basis for approval shall remain in effect until sur-

rendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the

Federal Axiation Administration.

Date of application: September 10, 1989

Sale reissued:

Dologissuance October 12, 1990

Saturnanded; January 15, 1991, January 12, 1994

By diffefin of the Administrator

Manager, Propulsion Branch

Los Angeles 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 Small Airplane Directorate
Wichita Aircraft Certification Office
1801 Airport Road, Room 100
Mid-Continent Airport
Wichita, Kansas 67209

NOV 0 7 1990

Mr. Bill Knisley Knisley Welding Inc. 3450 Swetzer Rd Loomis, California 95650

Dear Mr. Knisley:

This refers to your September 25, 1990, letter and data submittal concerning an alternate method of compliance with Airworthiness Directive (AD) 71-09-07R1.

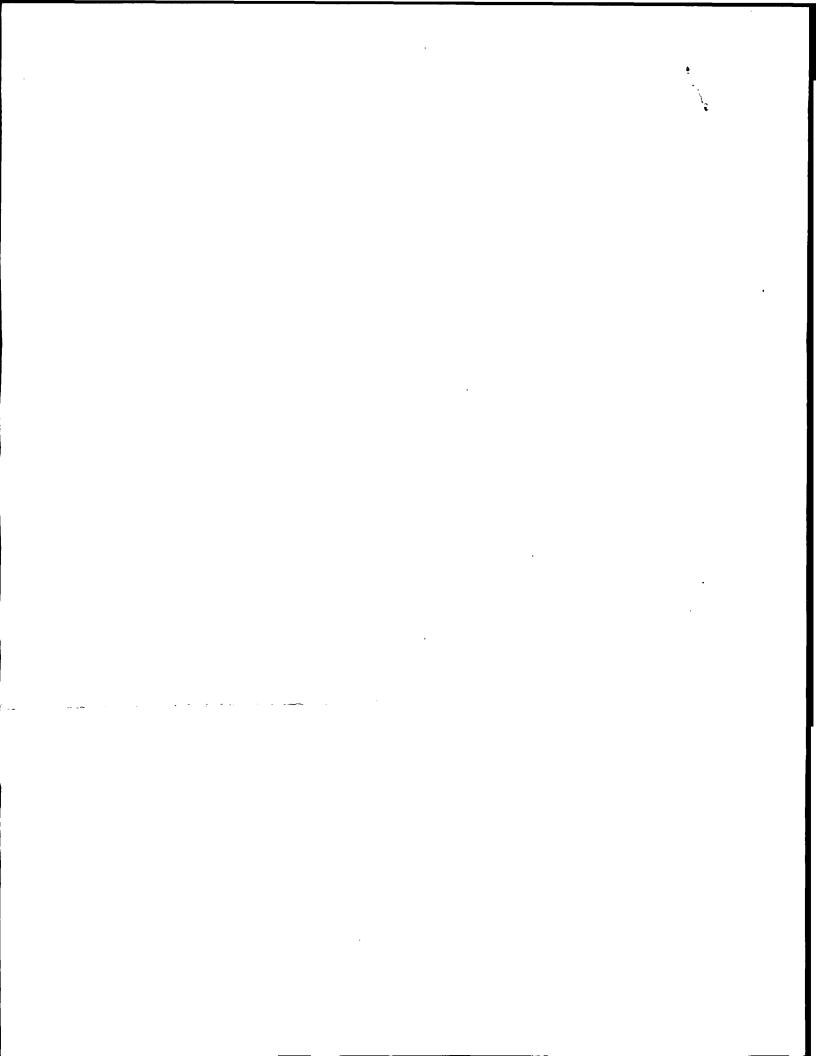
We have reviewed your data and our malfunction and defect reports concerning AD 71-09-07R1 and concur with your request in part. We do not concur with your request for a visual only inspection at 100 hours. However, you may advise your customers that Cessna 200 Series airplanes equipped with your Part Number K1250860-203 in place of the Cessna Part Number 1250860-203 exhaust stack assembly (heat exchanger) may extend the 50 hour pressure test inspection interval to 100 hours. Those operators with an approved inspection system may adjust the inspection interval 10 hours at each scheduled 100 hour interval.

We congratulate you on your efforts to provide an improved replacement for the Cessna 1250860-203 exhaust stack assembly.

Sincerely,

Adurence A. Herron, Manager

Wichita Aircraft Certification Office





Flight Standards District Office 1601 Randolph Rd. SE, Suite 200N Albuquerque, New Mexico 87106 505 764-1200, Fax: 505 764-1233

OPERATING LIMITATIONS AIRCRAFT DOOR-REMOVED OPERATIONS

REG. NO.

MAKE:

MODEL:

SERIAL NO:

N6622C

Cessna

CE-210-T210N

21063936

This aircraft may be flown with only the right hand passenger door removed, for the purpose of photography, provided the aircraft is operated in accordance with the applicable Federal Aviation Regulations, Appendix 2 of Advisory Circular 105-2 and the following limitations.

- 1. Maximum speed not to exceed any of the following:
 - The approved maneuvering speed
 - 70 percent maximum level flight speed
 - 70 percent maximum structural cruising speed
- 2. Acrobatic maneuvers are not permitted.
- 3. Maximum yaw angle 10 degrees, maximum bank angle 15 degrees.
- 4. An FAA approved safety belt installation must be provided and worn by each occupant during takeoff and landing, and at all other times when required by the pilot-in-command in the interest of safety.
- 5. Smoking is not permitted with door removed.
- 6. A suitable guard rail or equivalent safety device must be provided for the doorway.
- 7. All loose articles must be tied down or stowed.
- 8. No baggage may be carried.
- 9. Operations limited to VFR operations.
- 10. The pilot at the controls must hold at least a private pilot certificate.
- 11. Operation of this aircraft for any other purpose than for which it is certificated, with a door removed, is prohibited.
- 12. The following placard must be placed on the instrument panel in full view of the pilot:

FOR FLIGHT WITH DOOR REMOVED, SEE AIRCRAFT OPERATING LIMITATIONS DATED (enter date of this letter)

gree &

- 13. A copy of these limitations must be carried in the aircraft when flight operations are conducted with the door removed.
- 14. The pilot-in-command shall be responsible for ensuring that each operation of the aircraft under this authorization is conducted in a safe manner and pursuant to the provisions stated herein.
- 15. These Operating Limitations are a part of the Airworthiness Certificate and must be displayed in the aircraft in accordance with 14 CFR Section 91.203(b).
- 16. Removal and installation of the cabin door for the specified aircraft is considered maintenance and as such must be accomplished by persons authorized under FAR 43.3

Patrick M. MacQuarrie Aviation Safety Inspector

Date issued: November 12, 2003

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U.S Department of Transportation
Federal Aviation

MAJOR REPAIR AND ALTERATION (Airframe Powerplant Propeller or Appliance)

Fo ON	m Approved MB No. 2120-0020	
Г	For F	AA Use Only
Ot	ice Identification	MFA

Federal Avi Administra		(All	ııaı	ne, row	e i piaii	ι, ι	ropener,	or Appliance)	Office Identification NM-03	MF	7					
INST This	RUCTII report is	ONS: Print or type all ent required by law (49 U.S.	ries. S C. 142	See FAR 43.9, FA 11). Failure to re	AR 43 Appe port can res	ndix B, ult in a	, and AC 43.9-1 civil penalty not	(or subsequent revision thereof to exceed \$1,000 or each such) for instructions and dis a violation (Section 901 F	position of this for ederal Aviation A	m. ct 1958)					
		Make Cessna			-			Model T210N								
1. Airc	raft	Serial No. 21063936					Nationality and Registration Mark N6622C									
2. Owr	ner	Name (As shown or JONES JOHN)			Address (As shown on registration certificate) 6513 DEIDRE TER MCLEAN VA. 22101-1605								
		<u>, </u>				3	. For FAA Use	Only								
The da confor	mity in	spection by a person	on au	thorized in F	AR Part	43, 5	Section 43.7	ements and is approved	d for the above de	scribed aircra	ft, subject to					
							. Unit Identifica			5. Type						
U	nit	Ma	ike	·			Model	S	erial No.	Repair	Alteration					
AIRFRA	ME	~~~~		~~~~	-(As des	crib	ed in item 1	tem 1 above)								
POWER	PLANT															
PROPE	LER															
APPLIAN	JCE	Туре														
A 7 CIA		Manufacturer														
						6	. Conformity S	tatement								
Bode / 7401 F	Aviatio Paseo	ne and Address n, Inc del Volcan, N.W. , NM 87121				B. K	U.S. Certified I Foreign Certified Certified Repa Manufacturer	ed Mechanic J7BR555Y rtified Mechanic spair Station								
1	nave bee	at the repair and/or altera in made in accordance wi true and correct to the be	th the	requirements of	identified in Part 43 of th	n item 4 ne U.S.	4 above and des . Federal Aviation	cribed on the reverse or attachin Regulations and that the infor	ments hereto mation furnished							
Date	- 2001							orized Individual								
9 Jun	e 2003	•					Steven R Jo proval for Retu									
		e authority given persons of the Federal Aviation Ad				<u> </u>	n 4 was inspecte	d in the manner prescribed by t	the							
		FAA Fit Standards Inspector		Manufacturer			Inspection Aut	horization	Other (Specify)	<u> </u>						
BY FAA Designee Repair Station							Person Approx Canada Airwo	red by Transport thiness Group								
Date of Approval or Rejection Certificate or Designation No. GM6R566N Mark Colman																

FAA Form 337 (12-88)

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

* USA * N6622C* WO 16007 * TT=4796.1 * June 9, 2003 *

INSTALLED A GARMIN GNS 430 TSO C129 A1 GPS IFR SYSTEM AS A SUPPLEMENTAL ENROUTE, TERMINAL, AND NON-PRECISION APPROACH SYSTEM.

THIS SYSTEM IS A FOLLOW-ON TO STC SA00705W1 WHICH APPROVED THE GNS 430 FOR IFR INSTALLATION IN A CESSNA PA-32 AIRCRAFT. THIS UNIT INCLUDES A TSO-C37d/C38d COMM SECTION.

ICA requirements: Per the 400 Series Installation Manual P/N 190-00140-02, appendix A.1: Maintenance of the 400 Series unit is "on condition" only.

THE GNS 430 IFR FLIGHT MANUAL SUPPLEMENT, P/N "6622C GNS-430 FMS.doc", HAS BEEN PUT WITH THE AIRCRAFT FLIGHT MANUAL.

THIS SYSTEM UTILIZES A TSO'd KI-209A CDI TO DISPLAY THE NAVIGATION OUTPUTS FROM THE GNS-430.

THE ANNUNCIATION OF THE GPS COMMANDS AND VLOC/GPS SELECTION IS ON THE FACE OF THE GNS 430 UNIT. THE GNS 430 IS LOCATED AT THE TOP OF THE AVIONICS STACK, JUST UNDER THE AUDIO PANEL, WITH THE KI-209A CDI APPROXIMATELY 3 INCHES TO THE LEFT. BOTH THE CDI AND GNS-430 UNITS ARE IN THE PILOT'S PRIMARY SCAN AREA, PER THE STC REQUIREMENTS AND IS APPROVED REFERENCING A LETTER FROM THE FAA PROGRAM MANAGER (C. Dale Bleakney) OF THE WICHITA AIRCRAFT CERTIFICATION OFFICE DATED JANUARY 25, 1999.

THIS SYSTEM HAS BEEN FLOWN THREE TIMES ON THE ALAMOSA, COLO. GPS Rwy 2 APPROACH TO WITHIN THE ACCURACY REQUIREMENTS OF AC 20-138; AND IS THEREFORE CERTIFIED FOR IFR ENROUTE, TERMINAL, AND NON-PRECISION APPROACH OPERATION.

IFR OPERATIONAL FLIGHT CHECK REPORT PER AC 20-138 FOLLOWS: (also see attachment)

FLIGHT DATA EVALUATION REPORT FOR IFR APPROVAL ON:

GPS MODEL GNS 430 # 011-00280-10 SN# 97112980, SOFTWARE VERSION 3.0.

(NOTE: "OVER A POINT" FLIGHT EVALUATION DATA PER PARAGRAPH (8)(c)(2)(iv)(H) IS OMITTED PER AIR-100 MEMORANDUM DATED MAY 24, 1996.)

AC20-138 paragraphs complied with:

8(a)(2-noted for information).

8(c)(2)(iv):

(B-a failure flags the CDI)

(C-CDI normal operation)

(D-CDI/ANNUNCIATOR- current VOR/ILS or GPS mode enunciated on the GNS-430)

(E-normal)

(F-no effect)

(G-all controls back lighted and visible in pilot's primary scan)

(H-note above remark, not required at this time)

ÌI-na lass

(J-the FTE falls within 1.0 nmi for en route/terminal and 0.25 nmi for approach)

(K-three approaches flown at ALS as described above, see attached certification data)

Appendix 1. Paragraph 2 complied with as noted above, and this system is approved for IFR en route, terminal, and non-precision approach.

*****ONE ATTACHMENT **(C/W AC 20-138 FOR IFR)*****
(6622C 337.doc)

☑ Additional Sheets Are Attached

Depot Avionics, Inc.

MEMBER

AIRCRAFT
ELECTRONICS
ASSOCIATION

SLV REGIONAL AIRPORT (ALS)

2550 STATE AVENUE ALAMOSA, CO 81101 PH. (719) 589-6777 FAX (719) 589-6888 www.depotavionics.com

FAA #GM6R566N

info@depotavionics.com

"SERVICE FOR PROFESSIONAL AVIATION"

* USA * N6622C* WO 16007 * TT= 4796.1* June 9, 2003*

Attachment: page one of one. TSO'd GNS-430/KI-209A INSTALLATION.

THE EQUIPMENT REGISTRATION HAS BEEN TURNED IN SO THAT GARMIN International, Inc. WILL SUPPLY THE OWNER WITH ANY UPDATES AND ANY OTHER INFORMATION ON THIS SYSTEM.

INSTALLED:

1/ GNS-430 P/N 011-00280-10 (SW VERSION 3.0), S/N 97112980 VLOC/GPS /COMMUNICATIONS UNIT WAS INSTALLED AT THE TOP AVIONICS STACK, JUST UNDER THE AUDIO PANEL, IN ACCORDANCE WITH INSTALLATION MANUAL 190-00140-02, REV. K, DATED MAY 2002. THE GA-56 P/N 011-00134-00 #59069722 GPS ANTENNA WAS INSTALLED AT FS 75.0 WITH MANUFACTURER SUPPLIED HARDWARE AND RG-58/AU COAX IN ACCORDANCE WITH INSTALLATION MANUAL P/N 190-00140-02, REV. K, DATED MAY 2002. THIS SYSTEM UTILIZES A TSO'd KI-209A CDI. THE ANNUNCIATOR FOR THE GPS OR VLOC IS ON THE FRONT OF THE GNS-430. THE AIRCRAFT ALTITUDE IS RETRIEVED FROM THE AIRCRAFT ENCODER.

- 1. VHF COMM INTERFERENCE TESTS HAVE BEEN COMPLIED WITH AND NO INTERFERENCE IS FOUND TO EXIST.
- 2. THIS GPS SYSTEM, AS INSTALLED, COMPLIES WITH AC20-138 PARAGRAPH 7c(2)(ii, iii) AND APPENDIX 1 PARAGRAPH 1.

INSTALLATION PRACTICES FOLLOWED FOR THIS UPDATE:

- 1. AC43.13-1B paragraphs 7-34(hardware used conforms to proper type for the uses intended) 10-1(weight and balance information provided), 11-30(within load limits, per 11-36), 11-31, 11-32, 11-96 and 11-00 and 11-103(as applicable), 11-115, 12-1(a, b, c), 12-17(GPS info)
- 2. AC43.13-2A PARA 9, 21-AS ABOVE DESCRIPTION, 22, 23b, 23e-UTILIZED AN HARDWARE, 23f-NO EFFECT, 27 a, b, c, d, e, g.
- 3. GPS SYSTEM HAS BEEN GROUND AND FLIGHT CHECKED WITH NO AFFECT TO OTHER AIRCRAFT SYSTEMS.

NOTE: THE SERIAL NUMBERED AND/OR PART NUMBERED ITEMS LISTED MAY BE REPLACED WITH FAA APPROVED EXCHANGE OR UPGRADED ITEMS AT ANY FUTURE DATE.

IFR Operational Flight Check Report.

Work order 16007

Flight Data Evaluation Report for IFR approval on:

- *GPS Model = GNS 430 *S/N = 97112980 * SOFTWARE = VERSION 3.0 *
- *AIRCRAFT MAKE AND MODEL = CESSNA T210N * S/N 21063936* REGISTRATION = N6622C *

RESULTS OF THREE IFR APPROACHES MADE UTILIZING THE ALBUQUERQUE, NM/DOUBLE EAGLE II (AEG). GPS RWY 22 APPROACH, ENDING AT RW22:

Point	Latitude	Longitude	Error in Feet
Ref: AEG RWY 22	35-9.17	106-47.48	N/A
Point 1	35-9.18	106-47.48	60
Point 2	35-9.18	106-47.51	191
Point 3	35-9.19	106-47.5	170

Maximum recorded error = 191Feet. Within the 0.25 NMI FTE (1507 feet) requirement for IFR approach.)

l certify the above recorded flight data information is correct and that the GPS equipment, as installed, meets the IFR requirements of AC 20-138.

Inspector/Depot Avionics, Inc. =

June 9, 2003

Mark Colman

	49 500



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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

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

1. Aircraft Nationality and Registration Mark Serial No. Address (As shown on registration certificate) Name (As shown on registration certificate) MARQUETTE PLACE NE 2. Owner BUGUETQUE NN 3. For FAA Use Only 5. Type 4. Unit Identification Serial No. Repair Model Make Unit

Alteration (As described in Item 1 above) AIRFRAME The San San Style of the property **POWERPLANT** _ GCTED the in the secondary distance the about " Helow, the un't lder "fler in mid was impected as PROPELLER Type APPLIANCE Manufacturer 6. Conformity Statement B. Kind of Agency C. Certificate No. A. Agency's Name and Address U.S. Certificated Mechanic

3209 DLTD HONTE BUY NE Certificated Repair Station 57 1908 o 8'7 NM 1 BUguerave 37*10*7 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

Foreign Certificated Mechanic

	furni	shed herein is true an	d correct to the best of	my i	knowledge.										
Date					Signature of Authorized Individual										
	э8	- 13-96	•	•	Jage Mysler	· · · · · · · · · · · · · · · · · · ·	*		_						
			7	. Ap	proval for Return To Service										
Pui	rsuar minis	nt to the authority giver strator of the Federal	ren persons specified Aviation Administration	belov and	v, the unit identified in item 4 is X APPROVED □ RE	was inspected in th JECTED	e manner pres	scribed by the							
	-	FAA Fit. Standards Inspector	Manufacturer ' -	X	Inspection Authorization	Other (Specify)		S							
BY -		FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group		•	,							
Date	of Ap	proval or Rejection	Certificate or Designation No.		Signature of Authorized Indivi	dual	· · · · · · · · · · · · · · · · · · ·								
O	3-	13-96	571908087	IA	Loge houseles			,							

TORGE

GONZALES

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.) Replaced fiel in let CAPS IN Accordance with BARtON DROWING LIST NO WW-1 + STC # SAZUSGCE Resealed PANels IDW7 SM Section 13 Para. 13-12 a.b.c with cs 3300 seplent Noted At LOAK CK. 0 End Para Strain and Date

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

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

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).

Model

T210N

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292 MEADOWLARK LANE Foreign Certificated Mechanic 5851389	5138913				
CORRALES, NM 87048					
	chments hereto				
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 attal have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the inhave been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the inhave been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the inhave been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the inhave been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the inhave been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the inhave been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the inhave been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the inhave been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and the U.S. Federal Aviation Regulations are the U.S. Federal Aviation Regulations and the U.S. Federal Aviation Regulations are the U.S. Federal Aviation Regulations and the Regulation Regulatio	nformation				
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Signature of Authorized Individual					
Date - January -					
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7. Approval for Return To Service					
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7-13-11					

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 new Hartzell Model PHC-J3YF-1RF F7663D-2Q Propellor IAW Supplemental type Certificate Number SA4111SW Revision 5.
end.______

☐ Additional Sheets Are Attached

FAA Form 337 (7-67)

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

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

Installed Brackett Air Filter Part # BA 2410 in accordance with manfuacturer's installation instructions: STC-SA/IGL List No 1, FAA-PMA Supplement No. 1.

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ADDITIONAL SHEETS ARE ATTACHED

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Form Approved Budget Bureau No. 04-R0058

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