US Department of Transportation	

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

Form Approved OMB 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 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 for each such violation (Section 901 Federal Aviation Act of 1958).

	Make Cessna				Model 310		-			
1. Aircraft	Serial No. 35272					-				
	Name (As shown of	n registration cert	ificate)		tration cer	certificate)				
2. Owner	L A Ferroni Inc.			-	P.O. Box 767 Gunter TX 75	7				
	- 			3. For FAA Use O	nly	· · · · · · · · · · · · · · · · · · ·				
				4. Unit Identificat				5. Type		
	\			4. Office (dollar)			;	о. туро		
Unit	Mal	ke		Model		Serial No.		Repair	Alteration	
AIRFRAME	·		(As des	cribed in Item 1 abo	ve)			·	×	
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PROPELLER				MAR - 1						
APPLIANCE	Type Manufacturer					UAC I	-5U(5013		
			6.	Conformity State	ment			,		
A. Agency's N	ame and Address	- · · · - · · · · · · · · · · · · · · ·		B. Kind of Agency	•	••	C. Certific	cate No.		
	-		*	X U.S. Certificate		-				
Kirk Barrett	•			Foreign Certific	254252	252771				
125 Aviation E	3lvd		-	Certificated Re			·			
<u> Aiken, SC 298</u>	305			Manufacturer						
D. I certify th	at the repair and/or alter	ation made to the unit	t(s) identif	ied in item 4 above and	described on the	e reverse or attach	ments heret	o have been ma	ade in	
accordance with	the requirements of Par	rt 43 of the U.S. Feder	ral Aviatio	n Regulations and that t	the information fu	ımished herin is truc	e and correct	t to the best of n	ny knowledge.	
Date	•	·		Signature of Author			· · · · · · · · · · · · · · · · · · ·			
	2/24/2007	- -		That Banett						
7. Approval for Return To Service										
Pursuant to the Administrator	he authority given per of the Federal Aviat	rsons specified be ion Administration	elow, the and is	unit identified in ite	m 4 was inspe		ner prescri	ibed by the		
	Flt. Standards ector	Manufacturer	×	Inspection Authoria	. 1	Other (Specify)	•	; ;		
FAA	Designee	Repair Station		Person Approved Canada Airworthir	ness Group		, , , , , , , , , , , , , , , , , , ,	to the second se		
Date of Approv	al or Rejection	Certificate or Designation No.	,	Signature of Author	orized Individua	al				
2/2	24/2007	25425277	'1	This &	Basit		· · · · · · · · · · · · · · · · · · ·		• • • • • • • • • • • • • • • • • • •	

FAA Form 337 (12-88)

Electronic Version (Adobe)

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	NOTICE
	on changes shall be entered in the appropriate aircraft record. An alteration must some to assure continued conformity with the appicable airworthiness requirements.
8. Description of Work Accomplished	
	s and paralleling relays and replaced with Zeftronics voltage regulators, H007 in accordance with STC SA09258SC.
Weight and Balance negligible.	
Ops check good.	
Aircraft returned to service.	
	END
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[] Additional Sheets Are Attached

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US Department of Transportation	

Federal Aviation

Administration

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

Form Approved	
OMB No. 2120-0020	

For FAA Use Only Office Identification

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

				or reactary (viation)									
		Make Cessna	3				Model 310						
1. A	ircraft	Serial No. 352	72		· · · <u>· · · · · · · · · · · · · · · · </u>		Nationality and Registration Mark N811MC						
		Name (As sho	wn o	n registration certific	cate)		Address (As shown on regis	stration ce	rtificate)			
2. C)wner	L A Ferroni In					P.O. Box 7						
i.		<u>. </u>				3. For FAA Use O	nlv	_					
						•							
		,				4. Unit Identificati	on			5. Type	<u> </u>		
	Unit		Ма	ke		Model		Serial No)_	Repair	Alteration		
AJRF	RAME	<u></u>		(A	s des	cribed in Item 1 abo	ve) ———				×		
POV	VERPLANT		···										
PRO	PELLER		·					MAR _					
APF	LIANCE	Type Manufacturer						CAE FS!)()(S	913			
					6.	Conformity State	ment				<u> </u>		
A. <i>A</i>	gency's Na	ame and Addres	S\$			B. Kind of Agency	· · · · · · · · · · · · · · · · · · ·		C. Certific	cate No.			
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	Aviation E					Certificated Repair Station							
	n, SC 298		-	· · · · · · · · · · · · · · · · · · ·		Manufacturer							
D.				ation made to the unit(s)									
Date 2/24/2007						iation Regulations and that the information furnished herin is true and correct to the best of my knowledge. Signature of Authorized Individual							
Howard Upthegrans													
D.						roval for Return T				<u>.</u>			
Ad	Iministrator	of the Federal A	n pe Aviati	rsons specified belo ion Administration an	w, the	unit identified in iten APPROVED	n 4 was ins RE.	ECTED		ibed by the	·		
BY	Inspe	Flt. Standards ector		Manufacturer	×	Inspection Authoriz	ation	Other (Specify)		•			
		Designee		Repair Station		Person Approved b Canada Airworthin	ess Group						
Date	of Approv	al or Rejection		Certificate or Designation No		Signature of Author	_			· · · · · · · · · · · · · · · · · · ·			
2/24/2007 Designation No. 254252771						This	Ban	4					

FAA Form 337 (12-88)

Electronic Version (Adobe)

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IV	vi	ICE

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

Installation of Hartzell HC-C2YF-2CUF/FC8468(B)-3 propellers, C-2285-4(P) spinners and A-2476-8 spinner mounting kits on cessna aircraft in accordance with STC SA00799CH and installation instructions HPC310-1 dated October 6, 1997.

Weight and balance revised, new empty weight 3033.65 lbs. New E.W.C.G. 34.11

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	Department Fransportation
Fee	deral Aviation

MAJOR REPAIR AND ALTERATION

Form Approved
OMB No. 2120-0020

US Department of Transportation (Airframe, Powerplant, Propeller, or Appliance) Office Identification									nty				
	al Aviation istration	* ****							· ·	12.	IN	DAL	-05
and c	dispositio	n of this form. Th	nis re	ntries. See FAR 43 port is required by Federal Aviation A	y law (4	9 U.S	-		•			•	
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). All Ci	dit	Serial No.			•				y and Registration	Mark	[
		_35272			····				1MC				
	Name (As shown on registration certificate)								(As shown on reg	istrati	on certifi	icate)	
2. Own	2. Owner LA Ferroni Inc.							PO	Box 767				
								Gun	ter Tx. 750)58	-0767	7	
-	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	3. F	or FAA Use On	ly					
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U	nit	-	Ma	ke			Mode	• •	Serial	No.	 	Repair	Alteration
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POWER	RPLANT	ANT							- ·		2 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	4	
PROPE	ELLER									• ·	-		
		Туре					<u> </u>			 			
APPLIA	ANCE	Manufacturer											
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A. Ager	ncy's Nar	ne and Address	 				Cind of Agency			7	Certific	cate No.	
		oker -				Y U.S. Certificated Mechanic				3	3026093		
				-		Foreign Certificated Mechanic							
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Sne	ermar	1 Tx 75090	J				Manufacturer						
h	ave been	made in accorda	ince	Iteration made to the with the requirement to the best of many terms of the best of many terms.	nts of Pa	ırt 43	of the U.S. Fede						eto
Date	· - · · · · · · · · · · · · · · · · · ·		······································				nature of Authori	zed Individ	tual 1	· · · · · · · · · · · · · · · · · · · 			······································
1/16	6/06					-	ohn Hook		JUAN		7		
		· · · · · · · · · · · · · · · · · · ·			7. Ap	prova	al for Return To	Service					
•				ons specified below Administration and			tified in item 4 w		ted in the manner (presc	ribed by	the	
	FAA	Flt. Standards .		Manufacturer	X	Inst	pection Authoriza	ation	Other (Spec	ify)	, s		-
BY	FAA	Designee	<u> </u>	Repair Station	*	Per	son Approved by ada Airworthine	Transpor ss Group	t - · · ·			•	•
Date of	Date of Approval or Rejection Certificate or Designation No.					Sign	nature of Authori	zed Individ	dual 2/	6	M		

John Hooker

3026093

FAA Form 337 (12-88)

1/16/06

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	eft nationality and registration mark and date work completed.)
Installed M20 air-oil separator model 300 o installation instructions dated 7/1/99 revised	on left engine as per STC SA02033AT and
• • • •	
	RECEIVED
	JAN 18 2006

Additional Sheets Are Attached

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U.S Department of Transportation Federal Aviation Administration

FAA Form 337 (12-88)

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Wichita, KS

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 1958) Model Make 310 **CESSNA** 1. Aircraft Nationality and Registration Mark Serial No. N811MC 35272 Address (As shown on registration certificate) Name (As shown on registration certificate) 2. Owner L A FERRONI INC. P.O. BOX 767 GUNTER, TX 75058 -0767 3. For FAA Use Only The data identified herein complies with applicable abverthiness requirements and is approved only for the above described aircraft subject to combinity inspection by a percen authorized in FAR 43.7 Date Approving Inspector Villable KS 5. Type 4. Unit Identification Model Serial No. Unit Make Repair Alteration \boxtimes ~~(As described in item 1 above)~~~~~~~~~~~~ **AIRFRAME** 1 **POWERPLANT PROPELLER** Type APPLIANCE Manufacturer 6. Conformity Statement C. Certificate No. B. Kind of Agency A. Agency's Name and Address U.S. Certified Mechanic Yingling Aircraft, Inc. Foreign Certified Mechanic YN8R621Y 2010 Airport Road **RADIO CLASS 1, 2, 3** Certified Repair Station Wichita, KS 67277 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. Signature of Authorized Individual Date TEOFILO INES JR October 31, 2005 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 APPROVED REJECTED Administrator of the Federal Aviation Administration and is Other (Specify) Inspection Authorization Manufacturer FAA Flt Standards Inspector BY Repair Station Person Approved by Transport FAA Designee Canada Airworthiness Group Signature of Authorized Individual Date of Approval or Rejection Certificate or Designation No. ROBERT B. GALLOP YN8R621Y

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 310 # 35272-N811MC-10/31/05

Removed Equipment:

Narco CP 136 Audio Panel FlightTech Intercom ITC-404SP

Installed Systems: The following system was installed in a space provided by the aircraft manufacturer and in accordance with the manufacturer's installation instructions adapted as required using A.C. 43.13-2A par. 23a, b, c, & f guidelines:

Garmin GMA 340 Audio Control Panel

WIRING: Wire used was MIL22759/27500 installed in accordance with the manufacturer's installation instructions adapted as required with A.C.43.13-2A par. 27 a, b, c, d, e, g, & h guidelines, and of the appropriate gauge required by A.C.43.13-1B par.11-76 & 77. Wire was installed in accordance with Chapter 11, Section 5 par. 11-66 through 11-69; Section 8 par 11-96; Section 9 par. 11-115 through 11-126; Section 11 par 11-146 through 11-147, and Section 16 par. 11-205 through 11-210. Electrical loads have been evaluated in accordance with A.C. 43.13-1B Chapter 11, Section 3 par. 11-35 and 11-36 and was found to be within limits. All installed equipment was tied to ship's power via in-line pull-type and/or switch type circuit breakers (C/B) and/or in-line fuse with location and label as follows:

GMA 340 Audio Panel, 5 Amp C/B, Avionics Bus, (located on aircraft circuit breaker panel), labeled "AUDIO"

Wiring Diagrams used for reference were from the following: GARMIN GMA 340 Installation Manual

Garmin Manual Number 190-00149-01 Revision L, June 2003

OPERATIONAL GROUND CHECKS: Post installation ground function and accuracy tests were performed in accordance with manufacturer instructions. All systems operated normally.

CONTINUED AIRWORTHINESS INSTRUCTIONS: Refer to the equipment installation manuals listed above for continued airworthiness requirements, the aircraft maintenance manual, and this FAA 337. Inspect all equipment in accordance with FAR 43, App. D. All maintenance to be performed will be in accordance with A.C.43.13-1B and applicable manufacturer's service instructions.

WEIGHT & BALANCE and EQUIPM requirements for static loading in accord details are on file at Yingling Aircraft un	ance with A.C.43.13-2A Chapter 1 par. 4 through 1	nd Equipment List. The above installation meets the 2. No changes were noted to the compass system. Further
	>>>>>END<	
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US Department of Transportation

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

Form Approved ΔU5 OMB No. 2120-0020	3	2005

Federal Aviation

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1. AI	iciait	Serial No.				National	ity and Registration	Mark		
		35272				· · · · · · · · · · · · · · · · · · ·	11MC			
		Name (As shown	on registration certific	cate)		Address	(As shown on regis	stration certi	ficate)	
2 0	wner	L A Ferror	ni Inc			PO	Box 767			
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	Unit	^	/lake		Mode	l 	Serial N	Vo.	Repair	Alteration
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PRO	PELLER					- <u>-</u>				
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A. A	gency's Na	ame and Address			B. Kind of Ag	· · · · · · · · · · · · · · · · · · ·	 	· · · · · · · · · · · · · · · · · · ·	ficate No.	
Jo	ohn Ho	ooker				tificated Mechanic		3026	093	
12	200 S	Dewey St				Certificated Mecha	···			
		n Tx 75090				ed Repair Station				
D.	I certify have bee	that the repair and/or en made in accordance	r alteration made to the ce with the requirement correct to the best of n	nts of Pa	art 43 of the U.S	em 4 above and				eto
Date					_	Authorized Indivi	idual			
8/	26/05				John H	ooker	idual .			
' 			-,,	7. Ap	proval for Ret	um To Service		······································	· · · · · · · · · · · · · · · · · · ·	
			ersons specified below tion Administration an		it identified in its	em 4 was inspec OVED	ted in the manner p	prescribed by	y the	
BY	_	A Fit. Standards pector	Manufacturer	X	Inspection Au		Other (Specif	<i>fy)</i>		
		A Designee	Repair Station	: .	Canada Airwo	oved by Transpo orthiness Group				
Date	of Approv	al or Rejection	Certificate or Designation No.		Signature of A	Authorized Indivi	idual /	-/1		
8/	26/05	-	3026093		John H	ooker		4		

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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Additional Sheets Are Attached			- · · · .	•			•	

•	MAJOR	REPAIR A	ND ALTE	RATION	· ,· .	Form Approved OMB No. 2120-002	20 4	
U.S Department of Transportation Federal Aviation	(Airframe, Pow				nce)	F	or FAA Use Only	
Administration						Office Identification $5\omega.65$	\sim	322
 and dispositio 	NS: Print or type all entries. See FAR 43.9, Fon of this form. This report is required by law (violation (Section 901 Federal Aviation Act 19	49 U.S.C. 1421).				or instructions		
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1. Aircraft	Serial No. 35272			Nationality and R N811MC	egistration Mar	k		
2. Owner	Name (As shown on registration certificate L A FERRONI INC)	•••••	Address (As shown P.O. BOX 76 GUNTER TX	7	on certificate)		
		•		CONTER				
			3. For FAA Use	Only	·			
			•					
	···	1	4. Unit Identifica	ntion —	· · ·		5. Type	1
Unit	Make		Model .		Seria	i No.	Repair	Alteration
AIRFRAME			bed in item 1					
POWERPLANT	The same of the constant of th							
PROPELLER						e de la companya de l	LB-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
APPLIANCE	Type Manufacturer							
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A. Agency's Name MAJORS FIE 99 MAJORS GREENVILLI	LD AVIONICS LLC ROAD		U.S. Certified Me Foreign Certified Certified Repair S Manufacturer	Mechanic		C. Certificate No. MF9R674X Limited Airfran Limited Radio	ne	
have been	the repair and/or alteration made to the unit(s made in accordance with the requirements of rue and correct to the best of my knowledge.	•						· · · · · · · · · · · · · · · · · · ·
Date	-15-05		Signature of Auth	orized Individual		1	•	
	•	7. /	Approval for Retur	n to Service				•
	authority given persons specified below, the of the Federal Aviation Administration and is	Init identified in i			escribed by the			•
1 11 11.	AA Fit Standards Manufacturer spector		Inspection Author	ization	O	ther (Specify)	· •	
	AA Designee Repair Station		Person Approved Canada Airworthii					
Date of Approval of	Certificate or Designation No.		Signature of Author	orized Individual			·	

FAA Form 337 (12-88)

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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 Accomplishe	d'		1 - 4 F Ear P Sec. 14	P	a process to the last of the second of the s	· ·
(If more space is required, attach ad	lditional sheets. Ide	entify with aircraft i	nationality and re	gistration mark and	date work completed.)	•
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IFR STATEMENT FOR GPS SYSTEM	· • • •	٠,			D/B.	•
N Number N811MC	Ser. No. 35272	Date	. 06-1	5-05		
This alteration is for the VFR/IFR operations alteration was previously approved	• •	_	•	irworthiness and VI	FR operational approval for	
The previously required placard stating approved Flight Manual Supplement for					nent panel. The previously	 -
The equipment manufacturer, King, has King 94 GPS System has been previous demonstrated under STC SA00909WI-I	sly demonstrated to)
Provided the King 94 GPS System recement the accuracy specifications for: Vinnet the accuracy specifications for: Vinnet NDB, NDB-DME, RNAV) operation with navigation information from the GPS received.	FR/IFR enroute, ten in the U. S. Nationa	minal and non-pre	cision instrument	t approach (GPS, V	OR, VOR-DME, TACAN,	
Navigation is accomplished using the Work of the Work		'	•	ation data is based	upon the use of only the	
Electromagnetic Interference (EMI) grou MF9R674X under work order number 00	_	ks were performed	satisfactorily. A	Il information is on	file at FAA Repair Station	
The King 94 GPS System is approved for fight manual supplement for IFR operations.						æd
I certify that the flight test required by 14 discrepancies noted.	4 CFR Part 91.407	in accordance with	1 AC 20-138A ha	s been performed s	successfully with no	
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Pilot: PAUL M. FERROW	Date of	Checkout Flight _	6.7-0	25		
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Signature: Myllu	· •	Certificate Num	1ber <u>5269</u>	66094		
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U.S Department of Transportation Federal Aviation Administration		OMB No. 2120-002				
	/Airframe Do	er, or Appliance)	Fo	r FAA Use Only		
	(All II allie, Fo	a, or Appliance,	Office Identification	~ 7n \	S/H-	
and dispositio	NS: Print or type all entries. See FAR 43. n of this form. This report is required by la violation (Section 901 Federal Aviation Ac	w (49 U.S.C. 1421). Failure to repo	9-1 (or subsequent revision thereof ort can result in a civil penalty not t	f) for instructions to exceed \$1,000.		
	Make CESSNA		Model 310			
1. Aircraft	Serial No. 35272		Nationality and Registration N811MC	Mark		<u> </u>
2. Owner	Name (As shown on registration certific L A FERRONI INC	ate)	Address (As shown on registre P.O. BOX 767 GUNTER TX 75058-0	-		
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Unit	Make	Model	S	erial No.	Repair	Alteration
AIRFRAME	` ~~~~~~~~~~~~	~~~(As described in item	1 1 above)~~~~~~~			
POWERPLANT						
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· · · · · · · · · · · · · · · · · · ·		6. Conformit	y Statement			
A. Agency's Name	e and Address	B. Kind of Agency	/	C. Certificate No.		<u>.</u>
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Greenville, Te	exas 75402	Manufacturer	······································	- CIMITE	フノル	15t/Unt
have been	t the repair and/or alteration made to the un made in accordance with the requirement rue and correct to the best of my knowledge	s of Part 43 of the U.S. Federal Avia	described on the reverse or attach ation Regulations and that the info	ments hereto rmation furnished	. :	
		Cinn street at 4	Authorized Individual			

7. Approval for Return to Service

Person Approved by Transport—Canada Airworthiness Group

Signature of Authorized Individual

Other (Specify)

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 Manufacturer Inspection Authorization

Repair Station

Certificate or Designation No.

Date of Approval or Rejection

BY

Inspector

FAA Designee

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.)

A. Equipment removed:

King Radio Co. KR 85 TSO ADF P/N 066-1023-00 SER# 11162, Located at A/C Sta. 23, a KI-225-01 ADF Indicator p/n 066-3017-01 Located at A/C Sta No. 20, a General Design Turn Cordinator p/n 5400-7295-3 ser. no. 4649 located at A/C Sta. No. 23, and an Apollo 618 TCA Loran p/n 430-0193-009 mod A ser. no. 83039 located at A/C Sta. 20.

B. Equipment installed was a King KLN 94 GPS p/n 069-01034-0101 ser. no. 3265, as per Installation Manual 006-10599-0004 Rev. 4 dated January 2003. A King KX 165 NAV/COM p/n 069-1025-25 ser. no. 47614, as per Installation Manual 006-00179-0006 Rev. 6 dated October 1994. A King KI 209A Indicator p/n 066-3056-10 ser. no. 7660 as per Installation Manual 006-10543-0000 Rev. 0 dated October 1996. A King KN 62 DME p/n 066-1088-00 ser. no. 7558 as per Installation Manual 006-00144-0006 Rev. 6 dated April 1997. All the above was installed at A/C Sta. 20. A MSI Avionics cooling fan p/n msi 96-10328 ser. no. 6354 as per Installation Manual msi 96-10314/28 Rev- dated 20 December 1993. This unit was located at A/C Sta. 12.

A revised Flight Manual Supplement, document number 006-00877-0000, original revision, dated 5-6-2005 was supplied to the A/C owner and is to be kept on board this aircraft at all times.

Instructions for Continued Airworthness were made available to the owner for insertion into A/C records for future maintenance of this system.

KLN 94 GPS Pilot's Guide, part number 006-18207-0000, dated September 2000 was made available to the flight crew.

KLN 94 Quick Reference, part number 006-18228-0000, revision 1, dated 8/2000 was made available to the flight crew.

C. All equipment has been installed according to the following FAA documents:

Mounting	Appropriate Installation manuals detailed above	Acceptable
Wire harness	FAA/AC 43.13-1B/Para 11-85,86,89	Acceptable
Harness routing	FAA/AC 43.13-1B/Para 11-115,116,117,118,119,120,125	Acceptable
Harness installation	FAA/AC 43.13-1B/Para 11-135,136,137,138,139	Acceptable
Wire harness installation	FAA/AC 43.13-1B/Para 11-146,147	Acceptable
Wire harness installation	FAA/AC 43.13-2A/Para 27	Acceptable
Functional tests	Appropriate Installation manuals detailed above	Acceptable
Electromagnetic Interference	(EMI) design FAA/AC 43.13-1B/Para 11-106	Acceptable
Interference tests	FAA/AC 43.13-1B/Para 11-107	Acceptable

- D. All work was performed in accordance with the data referenced above. Post installation overall ground tests have been performed to assure proper operation of all affected systems.
- E. The KLN 94 GPS system is approved for VFR use only. The aircraft owner has been so advised and a placard stating "GPS LIMITED TO VFR USE ONLY" is installed in plain view of the pilot on the instrument panel.
- F. A/C weight and balance has been revised and supplied to the A/C owner.
- G. A

AC Meight and balance has been revised and sup	plica to the ACC Office.
All affected systems were tested accordingly to sh	ow compliance with 14 CFR 23.1309.
n electrical load analysis was performed in accor	rdance with AC 43.13-1B\Para 11-37. The changes in electrical load
vere found to be within the limits established by th	ne airframe
*********	END ************************************

U.S Department of Transportation
Federal Aviation
Administration

FAA Form 337 (12-88)

MAJOR REPAIR AND ALTERATION

ALANA 4 A SOOF Form Approved OMB No. 2120-0020

Office Identification

(Airframe, Powerplant, Propeller, or Appliance) CINIOEMAH COAAC 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 1958) Make Model **CESSNA** 310 1. Aircraft Serial No. Nationality and Registration Mark 35272 N811MC Name (As shown on registration certificate) Address (As shown on registration certificate) 2. Owner L A FERRONI INC P.O. BOX 767 **GUNTER TX 75058-0767** 3. For FAA Use Only 4. Unit Identification 5. Type Unit Make Model Serial No. Alteration Repair \boxtimes ~(As described in item 1 above)~~~~~~ AIRFRAME POWERPLANT PROPELLER Туре APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency C. Certificate No. Majors Field Avionics LLC U.S. Certified Mechanic MF9R674X LIN. INSTOMENT Lim. AIRFRAME 99 Majors Road Foreign Certified Mechanic **Certified Repair Station** Greenville, TX. 75402 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 05-09-2005 Philip V. Blakely 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 APPROVED REJECTED Administrator of the Federal Aviation Administration and is Other (Specify) FAA Flt Standards Manufacturer Inspection Authorization Inspector BY Repair Station FAA Designee Person Approved by Transport Canada Airworthiness Group Date of Approval or Rejection Certificate or Signature of Authorized individual Designation No.

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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The FAA Approved Flight Manual Supplement			aircraft at all times and be	
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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.

B. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work complete. Removed oil screen from right engine and installed F&M company p/n C6LC oil fi	lter adaptor
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US Department of Transportation
Federal Aviation

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

Form Approved

For FAA Use Only

Office Identification

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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.

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DEC -9 2004

US Department of Transportation

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

Form Approved
OMB No-212040020 A T A
For FAA Use Only
Office Identification

Federal Aviation Administration

and dispos	ition of this form. This	all entries. See FAR 43.9 s report is required by 1901 Federal Aviation Act	aw (4	19 U.S.C. 1421). Fai						
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1. Aircraft	Senal No.		 		Nationality	and Registration M	ark		· •	
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	A Designee	Repair Station		Person Approved to Canada Airworthin	ess Group					
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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 Accomp (If more space is required, atta	ach additional sheets. Ident	tify with aircraft nati	onality and registration	on mark and date v	vork completed.)
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U.S. Department of Transportation

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

Form	Approved
OMB	No.2120-0020

For FAA Use Only

Office Identification Federal Aviation Administration SC/17 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 1958) Model 310 Make Cessna 1. Aircraft Nationality and Registration Mark Serial No. 35272 N811MC Name (As shown on registration certificate) Address (As shown on registration certificate) 2. Owner Dykeswill LTD One Shoreline Plaza Ste.705 N. Corpus Christi Tx. 78401 3. For FAA Use Only 4. Unit Identification 5. Type Unit Make Model Serial No. Alteration Repair (As described in item 1 above) **AIRFRAME** POWERPLANT PROPELLER Type APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency C. Certificate No. U.S. Certificated Mechanic Donald Wayne Maloy 449470321 4718 Riverview Trail Foreign Certificated Mechanic Corpus Christi Tx.78410 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 I and Wanni Malon 5-23-01 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 Other (Specify) FAA Flt. Standards X Inspection Authorization Manufacturer Inspector BY Person Appoved by Transport Canada Airworthiness Group Repair Station FAA Designee Date of Approval or Rejection Certificate or Signature of Authorized Individual Designation No. 5-23-01 451887394

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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US Department of Yansportation
Federal Ariation Administration
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MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only
Office Identification

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FAA Form 337 (12-88)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be

INSTALLED THE FOLLOWING King Transponder KT-76A SN 85080 King KX-1\$5 SN 89594 VHF Comm. Antenna DMC63-2 Morrow 618TCA Loran SN 22456 All equipment installed with Manufacturers partshardware and Manufacturers installation manuals. Operational check of systems confirms satisfactory operation. AC 43:13 1A-2A were also used as referance for installation equipment. Aircraft wieght balance was revised and equipment list updated.		1	
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U. S. DEPARTMENT OF COMMERCE	Form Approved. Budget Bureau No. 41-R041.5.
CIVIL AERONAUTICS ADMINISTRATION	INSTRUCTIONS
APPLICATION FOR AIRWORTHINESS CERTIFICAT AND/OR ANNUAL INSPECTION OF AN AIRCRAFT	Please print or type. Submit this form to the
1. TYPE OF APPLICATION (Check which)	
a. PORIGINAL ISSUANCE OF CERTIFICATE	ECERTIFICATION UNDER THE PROVISIONS OF CAR 8
	ULTIPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
c. AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE L	
2. AIRWORTHINESS CLASSIFICATION (Cheet appropriate tem(s)) It is requested that the Certification of Airworthiness be issued to worthiness classification(s):	permit operation of the aircraft in the following air-
. M STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATEGORIES)	
L UMITED (SEE CAR 9)	
c. RESTRICTED (SEE CAR 8)	
(Check the restricted special purpose operation(s) to be conducted)	
	TROLLING
AERIAL ADVERTISING	REST AND WILDLIFE CONSERVATION
	EATHER CONTROL
GLIDER TOWING	HER
d. EXPERIMENTAL	
(Check the type of experimental operation(s) to be conducted)	
	CING
	HIBITION
☐ DEMONSTRATION	MEN
S. AIRCRAFT IDENTIFICATION (Complete all thron)	
A AIRCRAFT MAKE 6. AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.
Cessna	35272
4 ENGINE MAKE	E MODEL
Continental	0-470M
4. AIRCRAFT REGISTRATION INFORMATION (Complete ell femi)	
and the contract of the contra	NENT MAILING ADDRESS C. AIRCRAFT NATIONALITY AND REGISTRATION MARK
Cessna Aircraft Company Wid	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
accoura with crate comband.	hita, Kansas "3072D) 3/2
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5. AIRCRAFT OWNER'S CERTIFICATION (Cited and complete appropriate	
I hereby certify that I am the registered owner (or his agent) registered* with the Civil Aeronautics Administration as required or 502 and when operated displays the following evidence of regists:	of the aircraft identified in Item 3 above which is
a. CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A), DATE OF ISSUE	
b. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B). FORM ACA-50	· · · · · · · · · · · · · · · · · · ·
W-300 ON	U, PART A, FORMANDED TO CAA AIRCRAFT RECORDS BRANCH,
	-25-55
In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (18) of the Civil Aeronautica Act of 1938, as amanded.	
ATTACHMENTS (Chart witch)	
	Dell Roskam
	ATURE OF REGISTERED DWINER OR AUTHORIZED ASENT)

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Form ACA-305 (11-51)

Owner's Agent

	LI.S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION
	AIRCRAFT INSPECTION REPORT (To be completed by a CAA representative or approved repair station)
	The nircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following: (Chair and complete applicable thems)
	1. Aircraft and engine certification basis
	aircraft specification no. $3A10$ through sheet revision no. 4
	b. AIRCRAFT LISTING PAGE NO.
	C. AIRWORTHINESS DIRECTIVE SUMMARY THROUGH CARD NO d. CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATE)
	CLIVITAIR REGULATION PART & (MUDIFIED TYPE CERTIFICATE)
	2. AIRCRAFT AND ENGINE OPERATING RECORDS
	a. Aircraft newno prévious opération or maintenance history
	6. COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED
	e aircraft records indicate the airframe has been operated a total of hours
	a. 🗌 Engine records indicate the following operation:
	SERIAL NO TOTAL HOURS
	SERIAL NO.
	SERIAL NO TOTAL HOURS
	SERIAL NO TOTAL HOURS
	3. PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319)
	LAST AIRWORTHINESS INSPECTION CONDUCTED
	D BY AIRCRAFT MANUFACTURER
	BY APPROVED REPAIR STATION, CERTIFICATE NO.
	BY MECHANIC, CERTIFICATE NO.
	b. PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER
	4. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED
•	EN OPERATION LIMITATIONS. FORM ACASES, HIPS ASSUED SCOPP ATTACHEDY CAR 3.777 (b) displayed
	b. Current operation limitations, form aca-309, is available in aircraft in aircraft
	e. Current approved airplane flight manual is available in aircraft LE Current weight and balance information is available in aircraft
•	THIS INSPECTION HAS DEEN DECORDED IN THIS APPOINTS DECORDED
	1. TO CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE
	PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE
	BY
	(NAME OF ISSUING REPRESENTATIVE) (DESIGNATION NO.)
	5. CAA APPROVED REPAIR STATION CERTIFICATION
	The aircraft described on the reverse has been inspected under the authority accorded certificated repair station
- 	No by CAR 52 and was found to be:
	- AIRWORTHY - LINAIRWORDS
	(REPAIR STATION AUTHORIZED SIGNATURE) (DATE)
	6. CAA REPRESENTATIVE CERTIFICATION
• •	I HAVE INSPECTED HEEAIRCHAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY
	CESSNA NIRCRAFT COMBANY (Check appropriate tiem)
	DESIGNEES SIGNATURE DESIGNATION NO. DATE
	By 12411 - 11-56
	AVIATION SAFETY AGENTS SIGNATURE CAA DESIGNATION NO. DATE
	□ REINSPECTED
	SPOT CHECKED
	ATTACHMENT
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FAA Form 337 (7-67)

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		35272		· .	NATIONA	N: 811M	REGISTRATION A	AARK	
2. OWNER	NAME (As show Gerald M	n on registration certi	ficate)		P.O. Bo	(As shown on 267) Lacid, F	n registration cert		
				3. FOR FAA USE ON	Y	racru, r	TOTTOR	33852	
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		AND ADDRESS		U.S. CERTIFICATE		_ _	C. CER	TIFICATE	NO.
P.O. Box	5196 le, Florida	Ti-Co Airpo	rt	FOREIGN CERTIFIC CERTIFICATED REP MANUFACTURER	ATED MECHA	MIC	[r Stati io 54	ion ·
D. I certify the attachment and that the	nat the repair as s hereto have be se information f	nd/or alteration ma een made in accorda urnished herein is t	de to nce w	the unit(s) identifi	ed in item	4 above at 3 of the U.	nd described on S. Federal Aviar	the revei	rse or ations
ATE	····		<u> </u>	SIGNATURE OF AU	THORIZED		i.		
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		n persons specified bal Aviation Administ	elow, tation	the unit identified and is X APPRO	in item 4 v	vas. inspecte EJECTED	d in the manner	prescribe	d by
Y FAA FLT	STANDARDS FOR	MANUFACTURER		INSPECTION AUTHORIZAT	IUN	OTHER (Specify)			<u>-</u> .
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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 the following equipment:

1. Genave B/5000 Transponder

Equipment mounted in instrument panel in space provided for radio equipment. Cables routed with and laced to existing wire bundles.

Compass swung. Equipment list revised and electrical load computed and found to be less than 80% of generator capacity.

Weight and balance corrected and entered in Aircraft Log.

All work accomplished according to A6 43.13-1 and 43.13-2, Chapter 2, Paragraph 21, 22, 23, 24, and 27; Chapter 3, Paragraph 37.

END

ADDITIONAL SHEETS ARE ATTACHED

U.S. G.P.O. 1972/720-694/545/1303

DEPARTM OF TRANSPORTATION FEDERAL AVATION ADMINISTRATION Form Approved
Budget Bureau No. 04-R060.1

	MA	NO.	R REPAIR AN	in a	AI TE	PATION			FOR FAA	USE ON	LY
			owerplant, Pr				ice)		OFFICE IDENTIF	_	7-3-08
INSTRUCT	IONS: Print o	or typ	pe all entries. See	FAR	43.9,	FAR 43 Appe	endix B, and	AC 43.9-1	(or subsequent	revision t	bereof)
	MAKE						MODEL	710	•		
1. AIRCRAFT	SERIAL NO.	C	essna	·	· -		NIATIONIAI	310	ECICTO A TIONI	(A DIF	
	SERIAL NO.	3	5272				N-81	INC AND R	EGISTRATION A	AAKK	
	NAME (As sho	ywn (on registration certif	icate)			ADDRESS (As shown on	registration cert	ificate)	
2. OWNER	Gerald M.	L	ewis				P.O. Bo Lake Pl	•	lorida	3 3 852	
· · · · · · · · · · · · · · · · · · ·	<u> </u>				3. FO	R FAA USE ON		-			
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			4. UI	OI TIE	ENTIF	ICATION		<u> </u>	· · · · · · · · · · · · · · · · · · ·	5.	TYPE
UNIT		M	AKE			MODEL		59	ERIÁL NO,	REPAIR	ALTER-
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	i		··		4			ATION
AIRFRAME	***	****		(As de	escribe	d in item 1 abo	ove)	- 1-1 - 1			X
		-					F1:			<u> </u>	
POWERPLANT			2							·	
									3 -3		<u> </u>
PROPELLER					· . · · .		in the second se	0V 13	1972	-	
	TYPE				.:			·		·	<u></u>
APPLIANCE	MANUFACTURER		· · · · · · · · · · · · · · · · · · ·					FLORE	JA		
		- · ·			•	•			•		
	2			6.	CONF	DRMITY STATEM		<u> </u>			<u>. </u>
	: .		AND ADDRESS	<u>.</u>		U.S. CERTIFICAT	D OF AGE		C. CE	RTIFICATE	NO.
Cape Kenn	edy Commu	nic	ations & Ele	C.		FOREIGN CERTIF		 :	_	ir Sta	tion
P.O. Box			Ti-Co Airp	ort	Y	CERTIFICATED RE	PAIR STATION	7. 5		adio 5454	
	e, Florida		32780			MANUFACTURER	·				- , . <u></u>
attachmei	nts hereto have	e bec	d/or alteration made in according to the second contract the second contract is the second contract the se	ance v	with 1	the requiremen	its of Part 4	13 of the U	and described of I.S. Federal Avia	n the reve tion Regu	lations
DATE	 	<u> </u>	· · · · · · · · · · · · · · · · · · ·	. AT 12	SIG	NATURE OF A	UTHORIZED	INDIVIDU	AL		
1	1-9-72	: ''' ''			1						
				·		FOR REDURN TO	SERVICE /	11/11			
Pursuant to the Administ	the authority grator of the Fe	iven dera	persons specified I Aviation Adminis	below	v. the	unit identified	l in item 4	was inspect REJECTED	ed in the mann	er prescrib	ed by
INSP	FLT. STANDARDS	:	MANUFACTURER		INSP	ECTION AUTHORIZ	ATION	OTHER (Speci	fy)	· :	-
FAA	DESIGNEE	X	REPAIR STATION		OF 1	ADIAN DEPARTMENTANSPORT INSPENDENT			. •		
DATE OF APPIREJECTION	ROVAL OR 1-9-72		CERTIFICATE OR DESIGNATION NO	Э.	+	NATURE OF A	UTHORIZED	INDIVID	AL	<u> </u>	
						wer	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
FAA Form'3	J/ (7-67)					\mathcal{O}	. /	1.		(8	3320)

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.)

Removed the following equipment:

1. Narco Mark V.

Installed the following equipment:

1. Narco Com/llA/.

Equipment mounted in instrument panel in space provided for radio equipment. Cables routed with andlaced to existing wire bundles.

Compass swung. Equipment list revised and electrical load computed and found to be less than 80% of generator capacity.

Weight and balance corrected and entered in Aircraft Log.

All work accomplished according to AC 43.13-1 and 43.13-2, Chapter 2, Paragraph 21, 22, 23, 24, and 27; Chapter 3, Paragraph -----

END

ADDITIONAL SHEETS ARE ATTACHED

805 2717

	: . · . · . · .	y Operator Law.	PEUER	PAL AVIATION			_	proved. uresu No. 04–R060.
MAJUI	H REPAIR	AND ALTERATIO	ON FORM	(AIRFRAME,	POWER	PLANT, PROPE	LLER OR AP	PLIANCE)
1. AIRCRAFT	Ces	27 2		MODEL 310	S	ERIAL NO.	-	ND REGISTRATION M
2 0110100	NAME (Pirst, m.	ddle, last)	<u></u>	<u> </u>	ADDRESS (E	35272 Arrel and number, city,	zone and State)	T
2. OWNER	lr. C.	A. FcDowel	l dr.		829	Audubon P	lace	
3. COMPLET	E ONLY FO	R UNIT REPAIRE	D AND/OF	ALTERED DO		eveport, L		
CORDANC	E WITH CIV	R UNIT REPAIRE	MÄNUAL	18.	SCRIBE \	WORK ACCOMPL	ISHED ON RE	VERSE IN AC
UNIT		MAKE	•	MODEL,		SERIAL RO.		WORK (CMCK)-
. AIRFRAME	****	**********	(An describe			- A-L	MAJOR REPAIR	MAJOR ALTERATI
			· Ora materials	G In Item I apope) (4		*******		XXX
POWERPLANT			· · · · · · · · · · · · · · · · · · ·					
. PROPELLER				:				
 	TYPE AN	D MANUFACTURER				· · · · · · · · · · · · · · · · · · ·		
APPLIANCE			· ·					
AIRCRAFT	WEIGHT A	ND BALANCE DAT	Δ 701			· · · · · · · · · · · · · · · · · · ·		·
*AFTEI	R the repairs as scribed below :	idler elianations	case of	em must be com a spare compone in an aircraft. A	pleted by nt, it will	repair or alteration not be complete	on agency. È d until such co	owever, in th
CATEGORY	·	······································	if appli	· · ·	t this tim	e, it will be comp	oleted by the ins	talling agency
CATEGORY		EMPTY WEIGHT (Pour	(4)°	EMPTY CENT	ER OF GRAVI	TY (Inches from detum)	USEFL	L LOAD (Paunde)
Jornal		3029.3			33.85	inches aft		
CONFORM	TV STATES		·			THUMBN GIL		5,70.7
AGENCY'S NAME		IENT (Complete and ch	eck)	b. KIND OF AGENC	- -			
				•	 		e. CERTIFICATE	
		-		U. S. Cert			A&! 12	27575
Harry T	Hende	rson Jr.		. Certificate	ed Repair			
Post Of	ilce <i>3</i> 9 ort. Lo	x ylzy uisiana		Manufacta (C)	•	epair or alteratio	_	,
		ul colored	V.	Wa	s made u	nder delegation on	n >-	•
I certify the	t the repair	and/or alteration been made in acco	made to th					·
attachments the informat	hereto have ion furnished	been made in acco	rdance with	the requirements	of Part	18 of the U.S. C	described on the ivil Air Regulat	he reverse or ions and that
5-	- 2 - 6	4			1	1/1	()	
	and/or alteration			Harry	(Sign	nature of authorized in	dividual)	
APPROVAL. Pursuant to 1	FOR RETUR	N TO SERVICE (C	heck and compl	ete appropriate items)				- -
trator of the	Federal Avia	specified below the	e ant iden	tified in item 3 w	as inspect	ted in the manner	prescribed by	the Adminis-
APPR	OVED T	∫ ∏ FAA Designee	П Мал	ıfacturer 🔲 (Canadian	Danostmant of W.		
REJEC	CTED BY	X FAA Flight Standards	- -	— —	Other (S_P)	Department of Trecify)	ransport Inspect	or of Aircraft
`		Inspector		-1/0				
<u> </u>	6-44				Till	Man		
	pproval or reject	Y BY FAA PERSO		(Bignatu	re of authori	zed individual; title or	identification numb	er)
t	ī			· ••••••	•	•		-
Accepted _	<u> </u>		inspected_	ached memorandu	ım -	_tri S eri ne Chiasse.	⊶ n 1035	
SW = GAD) (Dai	νσ <i>)</i>		(Date)		— Dot Chack	(Da	ite)
							-	
(FAA:	designation num	ber)			(Signal	ure Flight Standards I	Dapector)	-

Form FAA-837 (4-82)

INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8, DESCRIPTION OF WORK ACCOMPLISHED.

Cessna lodel 310 Serial35272 Registration 1811/1

Removed Lear LTHA-6 with cami meter system and Harco VC-27.
Installed two Nerco Mark V Transceiver systems, one with Nerco VOA-3A
Omni Converter and CS-3A Course Selector. Also installed Nesco ET-24.
Marker Receiver, and one Harco Mark VI Omni.
Installation was made using standard radio panel moun tings and standard
Installation was made using standard radio panel moun tings and standard

Installation was made using standard radio panel mountings and standard mounting in the nose for the Mark V power supplies and the VOA-3A Ouni converter. Ecuipment was sounted using 8-32 screws and 3-32 elastic nuts in all applicable mounting holes. Wiring was factory furnished except for audio end power cables and this was febricated of 11 5086 20 gauge for audio circuits and 111 5086 14 gauge for power circuits. All wiring is in vinyl conditt tied in where needed with AN742 clamps.

Aircraft Empty weight LTEA-6 with Omnimeter removed VC-27. Transceiver removed	Weight 3027.5 - 18.0 - 8.0	33.7 - 9.0 - 3.0	102415 162 162
Narco Mark V Panel Unit #1 Marco Mark V Panel Unit #2 Marco T24 F7 Fower Unit #1 Marco T24 F7 Power Unit #2 Marco VOA-3A Umni Converter Marco CS-3A Indicator Marco MBT-24 Marker Receiver Power Cables	3001.5 6.0 6.0 3.5 4.8 4.8 4.8 4.8 4.8 4.8 4.8	/ 12 / 12 - 30 - 21 / 16 / 13 / 2	102601 72 72 72 72 74 105 8 100.8 12.6 4
	3029.3	33.85	102547.1

New Aircraft Empty Weight 3029.3 lbs New Empty Weight C. G. 33.85 inches aft New Useful Loca 1570.7 lbs

:	W			FP3410	C/B	Mari	e V #	1
Donne				→ PSH-10	6/B	: lar	s V#	2
Buss Bar		-		- PS-4-5	C/B	Nari	IV 2	
	- 11 - AT		- '	<u>→ PS3</u>	C/B	BT.	-24	:

Continious night electrical load measured 18.9 ampered Generators are two 25 ampere.

The magnetic compass required no correction

"Il additional space is needed attach additional sheets bearing alreast nationality and registration mark and date work completed.

Chenk block if additional absets are attached.

AULE COVERNMENT PRINTESS OFFICE: 1961 O - 587169

Form PAA-897 (4-62)

	CERTIFICATE	STATES OF AMERICA CE-CIVIL MERONALDICA OF AIRWOI	ADMINISTRA THINESS	
1. HATTONALITY AND REC		AIRCHAFT AIRMORYAI		
3. This Certificate of amended. The cared in accordant tions.	Althorthiness is issued increased in the Civil Air R	ed possion to the	Gvil Agonatics	Act of 1938 as ained and oper- peration Limita-
	Air Regulations uplestablished by the Civ			ccordance with a termination
5. DATE OF IRSUANCE	6. cts morning	MAM	A forestanker	DN MO.
1-28-57 8. Any alteration or a	nisuse of this Certificate exceeding 3 years	V. Harrin		16

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Property and the second secon		· .			•		•		
		CIVIL AE	PARTMENT OF CO	Contract to the same of the	1	Form app Budget B	uresu No. 41-R059		
MAJOR	REPAIR AND ALTERAT	ION FORM	(AIRFRAME PE	WEDDIANT DI)ODELLE	D	Di Idaan		
I. AIRCRAFT	MAKE Cesama		MODEL	SERIAL NO.			PLIANCE) ND REGISTRATION M.		
	NAME (First, middle, last)		310	35272		R3072D			
2. OWNER	C.A. McDowell, Jr	C.A. McDowell, Jr.		B29 Audubon Place Shreveport, Louis			9		
3. COMPLETI CORDANC	E ONLY FOR UNIT REPAIR E WITH CIVIL AERONAUTIO	RED AND/OR	ALTERED. DESC	RIBE WORK ACC	OMPLISHE	D ON RE	VERSE IN AC		
דואט	MAKE	MODEL SERIAL NO.				NATURE OF	WORK (Check)		
AIRFRAME	***************************************	M (As describe	(As described in item I above) ************************************			AJOR REPAIR	MAJOR ALTERATI		
POWERPLANT		The date	The date identified herein complied with applicable sirworthiness requirements and is approved only or the above described aircraft			(3)	Production		
PROPELLER	_	18.11 (b).		or the above described	in CAI	1	Carole Con		
APPLIANCE	TYPE AND MANUFACTURER	Date	9-59	13.7 Mg	14.61	1	ENCH TO THE PROPERTY OF THE PR		
AIRCDAET		:!	CAA Inspect				Branc, En		
des	WEIGHT AND BALANCE DA the repairs and/or alterations cribed below were made.	cose of	em must be comple a spare component, in an aircraft. At t cable.	ted by repair or al it will not be con his time, it will be	teration ag pleted unt completed	ency. Ho	owever, in the nponent is in-		
CATEGORY	EMPTY WEIGHT (Pet	inde)*		OF GRAVITY (Inches from			. LDAD (Pounds)*		
Venna 1	3027.5	· · · · · · · · · · · · · · · · · · ·	53.7 A1	t of Datum		-			
AGENCY'S NAME A	TY STATEMENT (Complete and c	Acck)				1572	E*D		
			b. KIND OF AGENCY		e.	CERTIFICATE	NO.		
Orville Casteel 3807 Pike Street Shreveport, La.		U. S. Certificated Mechanic. Foreign Certificated Mechanic.			11679	73			
эшочор	GI'U, LAM.		☐ Certificated : ☐ Manufacture	Repair Station. r.		-			
			(Check if repair or alteration was made under delegation option procedures)			•			
certify that attachments had the informatic	the repair and/or alteration pereto have been made in acco on furnished herein is true and	made to the ordance with docrest to the	unit(s) identified r	inder item 2 ch	and descr S. Civil Ai	ribed on the	ons and that		
10-	23-12 ad/or alteration completed)		TO OCST OF THE KILOW	Letto Co	A				
PPROVAL FO	OR RETURN TO SERVICE	Check and complet	e appropriate items)	(Signature of authori		-			
rator and is	e authority specified below th	ne unit identi	ified in item 3 was	inspected in the ma	nner pres	ribed by t	he Adminis-		
APPRO		on Rome	ufacturer	adian Department er (Specify)	of Transpo	rt Inspecto	r of Aircraft		
•				m_{\sim}					
Date of app	29 roval or rejection)		55-1	14/21			·		
		ONNET	(Signature of	anthrited individual; t	tie or identific	estion number	· · · · · · · · · · · · · · · · · · ·		
O BE COMPL Forwarded for	ETED ONLY BY CAA PERSOn ent	☐ See atta	ched memorandum	anthrited individual; t	tie or identific	ation number			
Forwarded for Accepted	ETED ONLY BY CAA PERSOn ent (Date)		ched memorandum	anthorized individual; t	•	(Date			
Forwarded for Accepted	ETED ONLY BY CAA PERSOn ent	☐ See atta	ched memorandum		•	-			

INSTRUCTIONS

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See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

B. DESCRIPTION OF WORK ACCOMPLISHED.

Installed Grimes Retating Beacon and Air Casis fin mounting bracket:

Aircraft Weight Light and Bracket 3024.5 3024.5 3024.5 Arm Moment
33.6 101767
216. 648
33.7 102415

Combant Electrical Losd 26#.

18 90 Shielded Cable used.

Main Bass 2, 25 H gen:

Retating Bascon + 216"

*If additional space is needed attach additional sheets bearing sircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

U. S. COVERNMENT PRINTING OFFICE 18 -54010-

Form approved.

. AIRCRAFT	MAKE CESSES			320		SERIAL NO	NATIONALITY AND REGISTRATION N	
. OWNER	Hame (First, mid	die, last) Frailer Mfg	. Co.			Keburg, Miss.		
COMPLET	E ONLY FOR	UNIT REPAIR	ED AND/OR	ALTERED. 18.	ESCRIB	E WORK ACCOMP	LISHED ON RE	VERSE IN AC
דואע		MAKE		MODEL		SERIAL NO.	MAJOR REPAIR	MAJOR ALTERATION
AIRFRAME	••••	**********	(As describe	d in item I above	•	••••••••		X
. POWERPLANT				- · ·				
PROPELLER			1	1 100/				
. APPLIANCE	TYPE AND	D MANUFACTURER	9.		2	1/2/		
*AFTE		ND BALANCE DA	- C886 41	in an aircraft.	onenit, it	by repair or altera will not be complet time, it will be com	ed until such co	Lowever, in the imponent is in stalling agency
CATEGORY		EMPTY WEIGHT (Po			ENTER OF G	RAYITY (Inches from datus	n)* USEF	UL LOAD (Pounds)
ormal		3024 .5		NI 18316	(i2)		15	75.5
	AITY STATEM	ENT (Complete and	cicci)	6. KIND OF A	- Fallery		c. CERTIFICAT	······································
	ge, La.			Poreign Certif	n Certific cated Re acturer. (Check was mad tion pro	ed Mechanic. eated Mechanic. pair Station. if repair or alterate under delegation cedures.)	op-	-
the information (Date repaired)	ation furnished in and/or alteration FOR RETURNS	n completed)	(Cleck and com	the best of m	ents of he knowled	(Signature of authorized	Civil Air Regula	ations and tha
trator and	PROVED)	CAA Desi	gnee	anufacturer epair Station	☐ Cana	dian Department of (Specify)	Transport Inspection Author	ctor of Aircraf
X	JECTED) -	Safety Age	- · · · · · · · · · · · · · · · · · · ·		$^{\prime}$ $^{\prime}$	$\cap \mathcal{U}$ \star	A1-11340	65/
S-LORE	Tapproval or reject	tion)	?SONNEL	(8	gnature of a	Herria to the state of the stat	AI-//34	65/



This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

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8. DESCRIPTION OF WORK ACCOMPLISHED.

Installed Lear LTRA-6 Radto

Installed Marco Simplexer Radio

Installed Glide Path reciever

Installed Lear L-2 Autopilot, 1350 Approach Coupler, & 1404B Altitude Controller inaaccordance with Lear Drawing #702929 and Cessna Drawing #0861400

LTRA6, Narco, Glide Path, Power Packs installed on racks built into nose well by Cessna. Receivers and transmitters installed in Radio access holes in stationary instrument panel.

thatrument punet.			 1	
Atroraft	2933.5	32.8	96335	
Omnt	18.0	-9.0	-162	
Simplexer	8.0	-3.0	-24	
Autopilot	42.0	109.0	4568	
Approach Coupler	8.0	120.0	960	
Alttude Control	3.0	118.0	- 3 54	•
Glide Path	12.0	-22.0	-264	·
	3024.5	35.6	101767	
				•
Afreraft	3024.5	35.6	101767	
Ptlot	170.0	37.0	6290	٠.
011	€5.0	00.0	0000	
Puel (min)	240.0	35.0	8400	
	3479.5	35,4	116457	
Atroroft	3042.5	<i>3</i> 3.6	101767	
Pilote copilot	360.0	37.0	12580	
OfI	45.0	00.0	0000	
Passengers	5 2 0.0	72.0	36210	
Fuel	606.0	35.0	21210	
Baggage	74.5	96.0	7252	
	2600.0	<i>5</i> 8.8	178919	

With all seats occupied and full load of fuel, Maximum baggage is 74.5 lbs. With all equipment turned on, the electrical system does not overload.

U. S. SOYERSHENT PRINTING OFFICE 18 54010-4

^{*}Il additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.