U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved OMB No.2120-0020 Exp: 5/31/2018	Electronic Tracking Number
For F	AA Use Only

Administ											<u> </u>			
													vision thereof) for instructions alty for each such violation	
		301(a)).	111. 111151	ehon	is required by law (49 U.S.	.С.	944/01). F	allule to le	sport ca	iii ie:	Suit in a C	vii pen	ally for each such violation	
	-		Nationality and Registration Mark						Serial No.					
1. Air	craft	N3212	Γ					1770	0512					
		Make			· · · · · · · · · · · · · · · · · · ·			Mode	1	•••			Series	
		Cessna	a				177							
Name (As shown on registration certificate) MOUNT CHARLES H JR							Address (As shown on registration certificate) Address 3440 MAYNARD CIR					rtificate) State GA		
							City GAINESVILLE Zip 30506-3734 Co					untry	UNITED STATES	
				·	3. Foi	r F	AA Use Oi	ily						

		-												
	4. Typ	е			5. Uni	t ld	lentification	ņ						
Rep	air A	Iteration	Un	it	Make			<u> </u>	Mo	del			Serial No.	
ТСР		alcoration.			Iviance									
		X	AIRFRA	ME				(As des	(As described in item 1 above					
			POWER	PLAN	т						· · · · · · · · ·			
			PROPEL	LER										
					Туре							l		
			APPLIANCE					_						
					Manufacturer							.		
							·· ·							
					6. Coi	nfo	rmity Stat							
		Name and		S .	····		B. Kind	f Agency						
Name		nem Air Gro	·			<u> </u>	U.S. Certifi	ated Mecha	ınic			↓	Manufacturer	
Address		O Airport Rd	 		04-4- 04	L	Foreign Ce	tificated Med	chanic			C.	Certificate No.	
City	Oxfor		0		State GA	X Certificated Repa			ion			<u> </u> 50l	JR487D	
Zip	3005	4	Country	un	ited States	L	Certificated	Maintenanc	e Organ	izatio	on			
he	reto ha	ve been r	nade in a	accor	eration made to the unit(s dance with the requireme ue and correct to the best	nts	of Part 43	of the U.S						
Extended 14 CFR			Si	gnatu	re/Date of Authorized Ind	livio	dual	G		S	teven Giv	ens (08/25/2020	
					7. Approv	al 1	or Return	To Servic	e					
					persons specified below, al Aviation Administration				m 5 wa	s in:	spected in		manner prescribed by	
BY		AA Fit. Star	ndards		Manufacturer		Maintena	nce Organ	nizatior	1			Appoved by Canadian ent of Transport	
5'		AA Desig	nee	Х	Repair Station		Inspection	n Authoriz	zation			(Speci	,	
Certific	ate or De	esignation N	lo.		Signature/Date of Autho	rize	ed Individu	al						
50UR4	87D					-	07	Stev	ven Giv	ens	08/25/2	020		

	_	_	_	_
IV				_

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 addition	nal sheets. Identify with aircraft nationality and registration	n mark and date work completed.)
	N3212T United States	08/25/2020
	Nationality and Registration Mark	Date
Removed Standby Vacuum system.		
06/01/2020. Installed GAD 13 OAT interfact box. This installation is approved under ST	in accordance with installation manual Document No. 190- e with GTP 59 probe. Installed GMU 11 in RH wing tip. In C No. SA01818WI. Completed and installed AFMS Docur ent No. 190-01112-11, Rev 7, dated 05/08/2020.	nstalled GAD 29B on lower glove
02/24/2020. Installed GA 35 antenna on up	em in accordance with installation manual Document No. 1 per fuselage with, routed new RG-400 cable. This installa IS Document No. 190-02207-A3 Rev. 3, dated 03/03/2020. 07/25/2019.	tion is approved under STC No.
Weight and balance revised at this time.		

END		

Garmin International, Inc.

1200 East 151st Street Olathe, Kansas 66062 P: 913-397-8200 F: 913-397-8282

August 25, 2020

Subject: Permission to Use FAA STC SA01818WI or EASA STC 10060846, or EASA STC 10064473 Installation of Garmin G5 Electronic Flight Instrument See Approved Model List (AML) for Approved Aircraft Models

Pursuant to 49 U.S.C.	44704, 14 CFR § 21.12	20, 14 CFR § 91.403(d	l), FAA Order 8110.48 a	nd FAA Advisory Circular
21-40; Garmin Interna	ational, Inc. hereby gra	ants permission to	MOUNT CHARLES H JR	owner/operator of
CESSNA	177	bearing manufact	urer's serial number	17700512 to use FAA
purpose of installation above referenced aim Approved Model List	on and approval of the craft. Installer must st (AML). Following mod	e installation of a Ga ill verify airframe eli lification per STC SA0	armin G5 Electronic Fli gibility per STC SA0181	or the sole and express ight Instrument into the 18WI and the associated permission letter should a strictly prohibited.

For Aircraft registered in an EASA state, EASA STC **10060846** (EASA Validation of US FAA STC SA01818WI) may be used in the same manner as STC SA01818WI, provided the aircraft is listed on the AML for STC SA01818WI and the aircraft also has a EASA Type Certificate.

For Aircraft registered in an EASA state but not on the FAA STC, EASA STC **10064473** may be used in the same manner as STC SA01818WI, provided the aircraft is listed on the EASA Approved AML 005-01112-46 for STC 10064473.

Robert G. Murray

Director, Aircraft Certification Garmin International, Inc.

			, ,

January 13, 2020

Subject:

Authorization for STC Use

AML STC SA02636SE, GPS 175/GNX 375/GNC 355

Garmin authorized dealers are hereby granted permission to use Garmin AML STC SA02636SE data to modify aircraft.

Emmett Griffith

Senior Director Engineering Garmin International, Inc.

U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved OMB No.2120-0020 2/28/2011	Electronic Tracking Number
For F	AA Use Only

INSTRUCTIONS: Print or type all entries. See Title 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)).

(49 U.)	S.C. 9	346301(a)).											
,	Nationality and Registration Mark						Serial No.						
1. Ai	rcraf	t N3212	N3212T 17700512										
	Make								Model				Series
	Cessna								177				
Name (As shown on registration certificate) MOUNT CHARLES H JR										•	n on registra AAYNARD CI		rtificate)
2. (Owne	r							City		ESVILLE		State GA
									Zip	30506-	-3734 Co	untry	United States
						3. Fo	r F	AA Use On	y				
	4 1	Гуре				5 IIn	it lo	lentificatio	<u> </u>		···		
		, , , , , , , , , , , , , , , , , , , 						- Ichinoatio	<u> </u>			+	
Re	pair	Alteration	Ur	nit		Make	1			Model			Serial No.
]	X	AIRFRAME —					(As described in item 1 above)			(e)		
]		POWER	₹PLAN	1T								
]		PROPE	LLER									
					-	Туре							
			APPLIA	NCE	ļ	Manufacturer							
						6 Co	nfo	rmity State	mont		·		
Δ Δ	genev	's Name an	d Addres			0. 00	1110	B. Kind of	· · · · · · · · · · · · · · · · · · ·				
A. Agency's Name and Address Name Georgia Avionics Inc					╁╾		ated Mechanic			I			
Address		11 Ronald Woo	•	uite B			·						Manufacturer Certificate No.
City		'inder				tate GA	×	<u> </u>	ificated Mecha				
Zip	_		Country				1	Certificated				CR	S #GX4R222M
Zip 30680 Country United States Certificated Maintenance Organization 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.													
		ge fuel per 13 App. B	Si	ignati	ure/Da	ate of Authorized Inc	divid	dual					10/19/2018
		****				7. Approv	/al f	or Return	o Service				10/10/2010
						· · · · · · · · · · · · · · · · · · ·	, the	e unit_identif	ied in item	5 was in	spected in		manner prescribed by
BY		FAA Flt. Star Inspector				1anufacturer			nce Organiz	zation	Per	sons A	Appoved by Canadian ent of Transport
		FAA Desig	nee	х	Rep	air Station		Inspection	Authorizat	ion	Other (Speci	fy)
Certifi	cate or	r Designation N	lo.		Sigr	nature/Date of Autho	orize	ed Individua			l		
GX4R222M Chlade								10/19/20	18				

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.

	N3212T	10/19/2018
	Nationality and Registration Mark	Date
sponder P/N 010-01216-41 S/N 3B grated unit. Transponder was insta raft manufacturer maintenance mar 14 CFR Section 91.227. An OFE allation paperwork. An approved F	/N RT359A P/N 41420-1114 S/N 3658. Installed EG420644. The transponder meets the requiremuled in accordance with manufacturer's instruction nuals. The equipment was ramp tested to verify was conducted per Section 91.407(b) and a communication of the section of	ents for ADS-B compliance and is a fully ns, STC# SA01714WI, applicable FARs, and proper system configurations and compliance pliance report was included with the aircraft
*******	*********** END ************************	

US Department
of Transportation
Federal Aviation
Administration

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

POWERPLANT

PROPELLER

APPLIANCE

Type

Manufacturer

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

instructions a	DNS: Print or type all entries. See Title 14 CFR §43.9, Part 43 A and disposition of this form. This report is required by law (49 U.S.6 n. (49 U.S.C. §46301(a))			
		Serial No.	17700512	
. Aircraft	Make	Model .		Series

1. Aircraft	USA	y and Registration N3212T	n Mark		Serial No. 17700512				
i, Autorait	Make C	essna		Model	177	Series			
		s shown on regist nt, Charles I	ration certificate) -I .Ir		Address (As shown on registration certificate) Address 3504 Morningwood Ct, N.E.				
2. Owner Would, Charles 11. of					Suwanee	anee State C			
					30024	Country USA			
			3. For FAA	Use Only					
									
4. Ty	ype 5. Unit Identification								
Repair	Alteration	Unit	Make ·		Model		Serial No.		
	X	AIRFRAME	cessna	(As d	escribed in Item 1 abov	ve) <u>177</u>	00512		

			6. Co	nformity Statement		
A. Age	ency's Name and Address		В.	Kind of Agency		
Name	Bobby J Swink		×	U. S. Certificated Mechanic		Manufacturer
Address	3332 Whitlow Creek Dr			Foreign Certificated Mechanic	C. Certificate No.	
City	Bishop	State Ga		Certificated Repair Station		4075000
Zip	30621 Country USA			Certificated Maintenance Organization		− 1975936

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.

Extend	ed range fuel	Signature/Date of	Authoriz	zed Individual	
per 14 App. B	CFR Part 43	70	Ac	() ()	9 FEB 2017
			(7 A)	proval for Return to Service	
Pursi Admi	uant to the authority given nistrator of the Federal Avi	en persons specified ation Administration a	below, and is	the unit identified in item 5	was inspected in the manner prescribed by the Rejected
ву	FAA Flt. Standards Inspector	Manufacturer		Maintenance Organization	Persons Approved by Canadian Department of Transport
ВТ	FAA Designee	Repair Station	X	Inspection Authorization	Other (Specify)
Certifica Designa	ate or 1975936 ation No.	Signature/Date of	Authoriz	zed Individual	1000 1 17

FAA Form 337 (10/06)

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.

: Y.

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 N3212T 9 Feb 2017
	Nationality and Registration Mark Date
	N3212T Tach reads; 2712.41 A/C TTSN; 2712.41 hrs
	Installed "Maple Leaf aviation", upper tailcone assy # TFU-001A, sn# W71521 and lower tail cone assy # TFL-002A, sn# C0116131 In accordance with MLA drawing #MLA1013-INS dated Dec, 3, 2010 (part# TCA-177-003 Inst) (Rev: NI) (installation instructions for fiberglas tailcone modification, Cessna 177, A, B, & RG)
	Per, STC# SA98-13 issue 2, dated July 24, 1998, approval date; July 24, 1998, Issue dated April 12, 2011 (Transport Canada), with annd per "AML" same date (part of STC)
	with "Maple Leaf aviation" specific aircraft serial number authorization dated Dec 2, 2016 (lower failcone sn# C0116131, and upper sn# W71521)
	tailcone parts above listed, (as serialized) with 8130, (transport canada 24-0078) dated 2/12/2016, form tracking # FPL2016-1963, WO# 4697, issued by: maple leaf aviation RS# 2-87, AMO# 168-91.
	Installation, inspection and maintenance also I/A/W Maple Leaf aviation, Instructions for continued Airworthiness (form # ICAW-2007) (part of kit# MLA1013-INS)
	the installed maple leaf aviation kit, weighs the same as the removed cessna kit, thus there is no change to the aircraft weight and balance.
	NOTE: "ICAW" attached as permanent reference for service, inspection and maintenance.
	•
	Additional Sheets Are Attached

MAPLE LEAF AVIATION LIMITED INSTRUCTIONS FOR CONTINUING AIRWORTHINESS

Form Number ICAW-2007

All Maple Leaf Aviation Limited, R. S. Designs and Consultations and Aircraft Speed Mods parts should be inspected prior to flight. Check for cracking, looseness or de-bonding of surfaces. Small abrasions and hair line cracks are acceptable to the surface gel coat but should not extend into the cloth and matt structure. Any charring or burning is not acceptable to Lower Cowl Covers (P/N EF-003)

If a repair must be made AC43.13-1B, Chapter 3, Section 3-1 thru 3.4 (Fiberglass & Composite repairs) may be used as a guideline. If theirs is any doubt whether a repair can be made please contact Maple Leaf Aviation Limited (Dave Wall, Production Mgr) for verification of repair and guidance as to how to conduct such a repair.

The following parts may be repaired under the above-mentioned repairs schemes. Contact Maple Leaf Aviation Limited for clarification of approved resins for a repair. Note that the cowl covers use a heat resistant polyester resin differing from a standard polyester resin used in the other parts.

The following parts apply to the continuing airworthiness instruction:

Part

Engine Cowl Cover (177)

Upper Tailcone C177, A, B, RG Lower Tailcone C177, A, B, RG

Main Gear Leg Kit: C177 Upper & Lower Gear Fairings

C177 Air Inlets

Brake Fairings C182

Wing Tips 177

Fancy Pants 172

Main Wheel Fairings

Nose Wheel Fairings

Stabilator Tips 177, A, B, RG

ADF Loop Cover

ADF Loop Cover

Cowl Cover spec: *EF-0094SPEC* Other Parts: Spec listed on drawings.

Address:

Maple Leaf Aviation Limited

Group 520, Box 16, RR5 Brandon, MB R7A 5Y5

Canada

Contact:

Dave Wall: Production Mgr

Telephone:

(204) 728-7618

Fax:

(204) 725-1719

E-Mail:

asm@mlav.ca or mla@mlav.ca

Website:

www.aircraftspeedmods.ca

Part Number

EF-003

TFU-KT

TFL-002

MGL-001A & MGU-002

A1-001A

MGL182-001

WT-177/L & WT-177/R

172FPU-004 & 172FPL-003

89-1102-17L 89-1102-16R

85-1101

ST-001A

Small

Large

NOTE: THIS ICAW DOCUMENT SHOULD BE AMENDED AS A PERMANENT DOCUMENT IN THE AIRCRAFT TECHNICAL RECORDS AND CARRY ON BOARD DOCUMENTS.

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US Department
of Transportation
Federal Aviation
Administration

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

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

	eras Aviation inistration				-		, ,	•						
insi	tructions	IONS: Print and dispos on. (49 U.S	ition of	f this forr	ries. See Title n. This report is	14 CF requi	R §43.9, Part 4 red by law (49 U	3 Append .S.C. §447	lix B, and 701). Fai	AC 43.9 lure to rep	0-1 (or subsport can res	sequent revisionsult in a civil pe	on thereof) for each	
Nationality and Registration Mark U.S.A. N3212T				Serial No. 17700512										
1. Aircraft Make			Ces	ssna	3		Model	177	7	S	eries			
Name (As shown on registration certificate) 2. Owner Name (As shown on registration certificate)						te)		Address	3504 Mor	OWN ON re		stration certificate)		
								City Zip	Suwanee 30024		State Ga Country USA			
							3. For FAA Use	Only						
-		·												
	4. Тур)e					5. Unit Identific	ation					······································	
Re	epair	Alteration		Unit		Ма	ke			Model		Ser	ial No.	
	×		AIRF	RAME	Cessna			(As described in Item 1			above)	17700512	-	
			POW	ERPLAN	Т		_				·	-		
			PROF	PELLER		Type Manufacturer							***************************************	
-			APPL	IANCE						-		-		
						6	. Conformity Sta							
		lame and A	ddress				B. Kind of Ager				Υ			
Name Address	Bobby S		· · · · · · · · · · · · · · · · · · ·		·		X U. S. Certificated Mechanic Manufacturer Foreign Certificated Mechanic C. Certificate No.							
City	Bishop	· · · · · · · · · · · · · · · · · · ·			State Ga		<u> </u>	Foreign Certificated Mechanic C. Certificated Repair Station						
Zip	30621	Coi	untry L	JSA			Certificated	Certificated Maintenance Organization					36	
D.	have be	en made in	accord	dance wit	ition made to the th the requireme to the best of m	nts of I) identified in iter Part 43 of the U.S Medge.	n 5 above S. Federal	and desc Aviation	cribed on t Regulation	the reverse	or attachments the information	hereto	
	nded ran 4 CFR P B			Sig	nature/Date of A	5	roval for Retur	n to Soni	1/6	O F	Eb á	617		
Pur Adr	suant to	o the author	ority gi deral A	ven pers		below,	the unit identi		m 5 wa	s inspect		manner preso	cribed by the	
DV		A Flt. Stand	lards	Ma	nufacturer		Maintenance C	rganizatio	n		ons Approved	d by Canadian Insport		
BY	FA	A Designee		Re	pair Station	X	Inspection Aut	norization	C	Other (Specify)			,	
	icate or nation N	_{o.} 19759	36	Sign	nature/Date of A	uthoriz				,				
,					-/	_) a	R		In I	E-1	2017		

FAA Form 337 (10/06)

Page 1

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 da	te work completed.)
*. .	USA N3212T	10 Feb 2016
	Nationality and Registration Mark	Date
N3212T Tach reads: 2712.41 A/C TTSN; 271	12.41 hrs	N. Carlotte and Ca
Aircraft Damaged in ground incident (un-occupied down slope and collided with chain link fence (roll		d), aircraft rolled
Incident damage to stabilator (and both stabilator	trim tabs and tip fairings),	rudder and tail cone.
Hidden damage inspection performed on stabilate fittings and structure and vertical fin fwd and aft a		
(A) Stabilator pn# 1732003-7 (no serial #), (install	led)	
Stabilator repaired by: Williams Airmotive (RS 29, 2016 Repaired I/A/W SEB# 89-1 with fo 1. 1732003-5 skin, L/H upper & R/H lower 3. 1732003-18 skin, L/H leading edge 4. 17 5. 1732063-1 bracket 6. 1732064-2 bracket	llowing parts replaced. 2. 1732003-6 skin, L/H low ′32003-19 skin, R/H leadin	er & R/H upper
(B) Rudder pn# 1733000-1 (no serial #), (installe	d)	
exchanged damaged rudder with Williams Ai part supplied under WO# 18471, Dec 29, 2011. 1733000-1 serviceable rudder assy		() for serviceable spare
(C) Installed 1ea new # 1732025-5 L/H trim tab a 2ea new # 1732024-1-791 stabilator tip caps		
tip cap stiffeners. 1. Primed, and painted stabilator assy and ruce. 2. Balanced painted stabilator assy to +10.8 in NO abrasion strips), installed, rigged and te 3. Balanced painted rudder assy to +13.8 in It cables.	n lbs (underbalance) (post ensioned cables.	"cardinal rule" and
(D) weight and balance unchanged, weight of co within 3 oz of removed (damaged) parts	mpleted replacement asse	mblies checked and
///////// EN	D ////////////////////////////////////	
Additional Si	heets Are Attached	

US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020 Ехр: 8/31/2014	Electronic Tracking Number
	For FAA Use Only

instructions		ition of this	form.								sequent revision thereof) for sult in a civil penalty for each	
		y and Regi	stration	n Mark	Serial No. 17700512						<u> </u>	
1. Aircraft	N32127 Make C	essna	 а				Model	177	····		Series 1968	
	Name (As	s shown on	registi	ration certificate)			· ·		shown on reg	-	ertificate)	
2. Owner	Charle	s H Mo	unt .	Jr			Address	3504 i Suwar	Morningwood Ct	NE	State Ga	
				•			Zip	30024		Count	······································	
					3.	For FAA Use	Only					
4. Ty	ne	l	•		5.	Unit Identifica	ation		······································			
Repair	Alteration	Uni	. 1	Ma					Model		Serial No.	
×		AIRFRAME Cessna 177					(As de	escrib	ed in Item 1 a	above)		
· 🗆		POWERP	LANT									
		PROPELL	ER									
		APPLIAN	CE	Type Manufacturer								
	1	44		6	_	onformity Sta						
A. Agency's I	J Swink	aaress			B.	. Kind of Agend		nic		Man	ifacturer	
	ng Crook Or				Ĥ	Foreign Cent				C. Certific		
City Bishop)			State Ga		Certificated F						
Zip 30621	Cou	untry USA				Certificated I	<i>d</i> aintenance	Orga	nization		1975936	
have b	een made in	accordanc	e with	on made to the unit(s the requirements of the best of my know	Par	t 43 of the U.S	5 above a Federal	and de Aviation	escribed on the on Regulation	he reverse ns and that	or attachments hereto the information	
Extended range fuel per 14 CFR Part 43 App. B Signature/Date of Authorized Individual App. B 37 Jun 2014								s 2014				
D	- 4h41 -	nih. ni			_	val for Return			I	nd 1 4-		
Administrat	or of the Fed	deral Aviation	perso on Adn	ns specified below, ninistration and is	, un	e unit identif	Approvi	ed be	Rejecte	d	manner prescribed by the	
	A Flt. Stand spector	ards	Manı	ufacturer	├-	laintenance Or)		tment of Tr	d by Canadian snsport	
F	VA Designee	•	Repa	air Station X	In	nspection Auth	orization			,,		
Certificate or Designation I	ю. 19759	36	Signa	ture/Date of Authoriz	29 2	Individual	5	3/	12	7 de	2014	

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 nat	tionality and registration mark and dat N3212T	e work completed.) cessna 177 Sn# 17700512
	Tach reads: 2585.96 hrs	27 Jun 2014
	Nationality and Registration Mark	Date
Removed Left aileron assy pn# 1221006-13 and repaired trailing ed	dge impact damage from ground	handling incident
Repaired the aileron by re-skinning	•	
Installed new pn#1221006-15 skin assy in accordance with the inst (structural repair section # 17)	ructions contained in the model	177 maint manual
prepped, primed and painted repaired assybalanced to + 18.7 in Il	bs (underbalance) following pain	ting.
Installed repaired aileron using new hardware, and checked aileron	system rigging and stops.	
Aircraft approved for return to service following test flight perform	ned by owner.	
Gross weight of repaired assy less than 1/2 lb heavier than original	damaged aileron no weight and	bal change entered.
//////////////////////////////////////		- ////////////////////////////////////
	•	
	•	
	. •	
Additional Sheet		•

U.S. Department of Transportation Federal Aviation Administration

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

orm Approved MB No. 2120-0020	Electronic Tracking	Number

For FAA Use Only

Administrati				•	•	•	•		•	• •	•				
instructions		ition of	of this f	form.	s. See Tilte 14 (This report is re										
	Nationality and Registration Mark N3212T								Serial No. 17700512						
1. Aircraft	Make CESSNA	A								Model 177					
Name (As shown on registration certificate) CHARLES H. MOUNT JR. 2. Owner									Address (As shown 3504 MORNI SUWANEE, G	NGW	-		e)		
2 5-54										30024 USA					
							3.	Fo	r FAA U	Jse Only					
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	уре	<u> </u>			T			<u>Jnit</u>	t Identif	ication				r	
Repair	Alteration	<u> </u>	Unit Make								Mod	del 	-	Ser	ial No.
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		PRO	PELL	ER											
		APPL	LIANC	: E	Type Manufacturer										
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	's Name and Avionic						B.		nd of Ac			т	Man	····facturer	
_	nald Woo									Certified Mechanic Manufacturer on Certified Mechanic C. Certificate No.					
Winder,							х	c (Certified	Repair Station			RS #G	X4R222M	***
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have b	oeen made in	n accor	rdance	e with	ion made to the the requirement to the best of my	its of F	Part 43	of	the U.S	n 5 above and d 3. Federal Aviati	escn on R	ibed on tr Regulation	ne revers	se or attachm nat the inform	ents hereto ation
per 14 CPR Part 43									H. C. Swindell Jr. 20-February-2014						
							•			n to Service			-		
					ns specified be Administration a			nit i	identifie X Ap		as in	spected Rejecte		manner pres	cribed by the
1 1.	AA Flt. Standa nspector	Manufacturer Maintenance Organization Persons Approved by Canadian Department of Transport													
BY	AA Designee	1	x	Repai	ir Station		Inspec	ctior	n Authori	zation	Othe	er (Specify)		
Certificate of Designation			1	Signate	ture/Date of Author	ized In	idividual	d							H. C. Swindell Jr.
GX4R222M												•	20-February-2014		

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 nationalit	y and registration mark and date work c	ompleted.)
	N3212T	Feb-20-2014
4. INTRODUCTION: INSTALL ATION OF AUTORIOT IN NIGHT	Nationality and Registration Mark	Date
1. INTRODUCTION: INSTALLATION OF AUTOPILOT IN N3212T 2. DESCRIPTION: THE FOLLOWING ITEM/ITEMS WERE REMOVED FROM THE COORDINATOR AND DIRECTIONAL GYRO THE FOLLOWING ITEM/ITEMS WERE ADDED TO THE AIRCRAFT'S AVIONICS. THE ALTERATIONS LISTED, MEET THE FOLLOWING FAR'S: 21.303; 21.305; 23.1525; 23.1541; 23.1329; 23.1381; 23.689; 23.1331 THE AUTOPILOT SYSTEM WAS INSTALLED PER STC# 3. CONTROL, OPERATION INFORMATION: A FAA APPROVED FLIGHT MAN RECORDS. MANUFACTURER'S OPERATIONS GUIDE P/N 8777 WAS PROVID. 4. SERVICING INFORMATION: ALL SERVICING OF ITEMS INCLUDED IN THIS DEALERS USING MANUFACTURER'S MANUALS. 5. MAINTENANCE INSTRUCTIONS: THE SYSTEM REQUIRES NO OTHER MAI FAR PART 43 APPENDIX D (I) 1,2,4. 6. TROUBLESHOOTING INFORMATION: TROUBLESHOOTING THIS EQUIPMICAL AUTORIZED DEALER WITH THE REQUIRED SERVICE DATA AND TEST EQ. 7. REMOVAL AND REPLACEMENT INFORMATION: ALL COMPONENTS CAN 6. SEE INSTALLATION MANUALS FOR SPECIFICATIONS. 8. DIAGRAMS: INSTALLATION DRAWINGS AND BULLETINS SUPPLIED BY MUNLESS REQUESTED BY AIRCRAFT OWNERS. 9. SPECIAL INSPECTIONS: NOT APPLICABLE 10. APPLICATION OF PROTECTIVE TREATMENTS: COMPONENTS SHOULD 11. DATA: ALL FASTENERS AND HARDWARE PER AC43.13-18/2B 12. SPECIAL TOOLS: NOT APPLICABLE 13A. ELECTRICAL LOADS: POWER IS SUPPLIED THROUGH A CIRCUIT BRAIRCRAFT EQUIPMENT HAS BEEN TESTED AND DOES NOT EXCEED 80% C14. RECOMMENDED OVERHAUL PERIODS: "NO ADDITIONAL OVERHAUL 15. AIRWORTHINESS LIMITATIONS: "NO ADDITIONAL AIRWORTHINESS L 16. REGARDING REVISIONS: A LETTER WILL BE SUBMITTED TO THE LOCAL AIRCRAFT RECORDS REVISED I/AW FAR43.5 AND AC43.9B. DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 5.	HE AIRCRAFT'S AVIONICS EQUIPMENT SEQUIPMENT STEC SYSTEM30 23.611; 23.627; 23.1301; 23.1309; 23.1 UAL SUPPLEMENT WAS ADDED TO DED. SINSTALLATION MUST BE ACCOMPLINTENANCE. OTHER MAINTENANCE ENT SHOULD ONLY BE ACCOMPLISH UIPMENT. BE REMOVED WITH COMMON TOOLS MANUFACTURER ARE ON FILE WITH NOT BE EXPOSED TO THESE TREATERIES. FILE AIRCRAFT/AVIONICS OF THE AIRCRAFT'S AVAILABLE ELECTIME LIMITATIONS." IMITATIONS." AL FSDO WITH A COPY OF THE REVISED.	NT: TURN 357; 23.1367; 23.1431; THE AIRCRAFT ISHED BY APPROVED AS DESCRIBED IN ED BY AN S AND PRACTICES. GEORGIA AVIONICS IMENTS. BUSS. THE CTRICAL POWER.
******* END *******		
		:
ADDITIONAL SHEETS AF	RE ATTACHED	

U.S. Department of Transportation Federal Aviation

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

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

Federal Aviation Administration	, (All II	aili	e, Fowerplan	i, rr	open	ier, Or <i>i</i>	Thhuair	J e)	Office Identific	cation				
and disposition	on of this form.	This	entries. See FAR 43 is required by law (49 of Federal Aviation Ac	U.S.C.	. 1421)						tions			
Make CESSNA							Model 177							
1. Aircraft	Serial No. 17700512		# 1				Nationality and USA	Registration Mark N3212T	•					
2. Owner	on reg	gistration certificate) T			,	•		,						
					3. F	or FAA U	se Only							
				A Hr	nit Ider	ntification				5. Type				
Unit			ake	4. 01	iit idei	Model		Serial N	 In	Repair	Alteration			
				desc	ribed	in Item 1	above)				X			
POWERPLANT														
PROPELLER														
Type APPLIANCE Manufacturer														
					6. C	onformity	Statement							
A. Agency's	Name and Addr	ess			B.	Kind of Ag			C. Certificate No.					
Georgia Avionics Inc. 841B Ronald Wood Road Winder, GA 30680 770-867-0002					U. S. Certified Mechanic RS #GX4R222M Foreign Certified Mechanic Instrument X Certified Repair Station Radio Manufacturer Limited Airframe									
attachment	s hereto have	beer	or alteration made to made in accordant hed herein is true a	ice wit	h the r	requireme	ents of Part	43 of the U.S.	ribed on the r Federal Aviat	everse or ion Regul: 1	iions			
Date 24-May-2010 Signature of Authorized Individual H. C. SWINDELL JR.														
				7. App	oroval	for Return	to Service							
		-	n persons specified viation Administrati				fied in item PROVED	4 was inspecte REJECT		er prescrib	ed by the			
. 1 1.	Fit. Standards sector		Manufacturer			ion Authoriza		Other (Specif	fy)					
FAA	N Designee	Х	Repair Station		Canada	Approved b Airworthine	ss Group							
Date of Appr	oval or Rejectio	n	Certificate or Designation No. GX4R222M		•	ture of Auti	norized Indiv	idual HIIA						
ind				1				1 1 1 1 1 1						

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.)

N3212T CESSNA 177

- 1. INTRODUCTION: THIS MODIFICATION WAS PERFORMED ON N3212T. THE FOLLOWING INFORMATION PROVIDES ADEQUATE GUIDANCE TO DETERMINE THAT THESE SYSTEMS ARE AIRWORTHY.
- 2. DESCRIPTION: THE FOLLOWING ITEM/ITEMS WAS UPGRADED: EDM700
- THE JPI ENGINE MONITORING SYSTEM IS A FULLY INTEGRATED PANEL MOUNTED INSTRUMENT LOCATED IN THE RADIO CUTOUT ON PILOTS INSTRUMENT PANEL. THE MODIFICATIONS LISTED, MEET THE FOLLOWING FAR'S: 21.303; 21.305; 23.611; 23.627; 23.1301; 23.1309; 23.1357; 23.1367; 23.1431; 23.1525; 23.1541; AC20-67B. THE EQUIPMENT WAS INSTALLED I/A/W MANUFACTURER'S INSTRUCTIONS AND I/A/W AIRCRAFT MANUFACTURER'S MAINTENANCE MANUALS. ALL WORK WAS ACCOMPLISHED PER AC43.13-1B AND AC43.13-2B.
- 3. CONTROL, OPERATION INFORMATION: OPERATION MANUALS SUPPLIED BY THE EQUIPMENT MANUFACTURER HAVE BEEN PROVIDED.
- 4. SERVICING INFORMATION: ALL INTERNAL SERVICING OF ITEMS INCLUDED IN THIS INSTALLATION MUST BE ACCOMPLISHED BY APPROVED DEALERS.
- 5. MAINTENANCE INSTRUCTION: THE EQUIPMENT DOES NOT REQUIRE USER MAINTENANCE. OTHER MAINTENANCE AS

DESCRIBED IN FAR PART 43 APPENDIX D(I) 1,2,4. 6. TROUBLESHOOTING INFORMATION: TROUBLESHOOTING THIS EQUIPMENT SHOULD ONLY BE ACCOMPLISHED.	D BY AN
AUTHORIZED SERVICE CENTER.	ND DDAGTICES
7.REMOVAL AND REPLACEMENT INFORMATION: ALL COMPONENTS CAN BE REMOVED WITH COMMON TOOLS A 8. DIAGRAMS: SEE INSTALLATION MANUAL	ND PRACTICES.
9. SPECIAL INSPECTIONS: NOT APPLICABLE	
10. APPLICATIONS OF PROTECTIVE TREATMENTS: PANEL MOUNTED COMPONENTS SHOULD NOT BE EXPOSED	TO PROTECTIVE
TREATMENTS.	
11.STRUCTIONAL FASTENERS: ALL FASTENERS AND HARDWARE PER AC43.13-1B/2B	
12.SPECIAL TOOLS: NOT APPLICABLE	OC DUCC THE
13A.ELECTRICAL LOADS: POWER IS SUPPLIED THROUGH A 5AMP CIRCUIT BREAKER IN THE AIRCRAFT/AVIONIC AIRCRAFT EQUIPMENT HAS BEEN TESTED AND DOES NOT EXCEED 80% OF THE AIRCRAFT'S AVAILABLE ELECTR	
FUNCTIONS ARE COMPATIBLE TO OTHER AIRCRAFT SYSTEMS.	MONE POVIEN. ALL
14. OVERHAUL TIME LIMITATIONS: NO ADDITIONAL OVERHAUL TIME LIMITATIONS.	
15. AIRWORTHINESS LIMITATIONS: NO ADDITIONAL AIRWORTHINESS LIMITATIONS.	
16.REVISION: A LETTER WILL BE SUBMITTED TO THE LOCAL FSDO WITH A COPY OF THE REVISED FAA FORM 3	37. ·
AIRCRAFT RECORDS REVISED IN ACCORDANCE WITH FAR43.5 AND AC43.9B. DETAILS ARE ON FILE AT GEORGIA	A AVIONICS INC.
UNDER WORK ORDER# 21740.	
******* END *******	
4.15	
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☐ ADDITIONAL SHEETS ARE ATTACHED	:
	PO:1991-0-568-012/400
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C
US Department of Transportation

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).

for	eacn su	ch violation (Secti	ion 9t	Tederal Aviatio	n Act	or	195	8).	Market						
		Make		Cessna			Model 177								
1. Ai	ircraft	Serial No.		17700512		•	Nationality and Registration Mark N3212T								
	-	Name (As show	vn on	registration cert	ificate)	Address (As shown on registration certificate)								
2. O	wner		Cha	irles H Mount Jr.						621 Hamptor nge Park Fl. :					
1	3. For FAA Use Only														
								<u> </u>	,						
								,							
				- ev sw			4. U	nit Identification	on				5. Type		
	Unit		Mak	e ·				Model	•	Se	erial No.		Repair	Alteration	
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AIRF	RAME	<u></u>			(As de	esc	ribe	d in Item 1 abov	/e)——	·.		*		×	
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		Manufacturer											,		
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A. A		Name and Addres	SS					Kind of Agency				C. Certif	icate No.		
_	-	M Wood					X U.S. Certificated Mechanic						2246200		
		Aero Services In eye View Lane	IC.			ŀ	Foreign Certificated Mechanic Certificated Repair Station						3216290		
		tine Fl. 32095				ŀ		Manufacturer							
		that the repair and/or	altera	tion made to the unit	(s) ide	ntific	ed in		described o	n the reverse	or attach	ments here	to have been m	ade in	
		th the requirements o													
Date								nature of Autho		-					
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BY		A Flt. Standards pector		Manufacturer	;	×	Insp	pection Authoriz	ation .	Other (S	Specify)				
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Date	of Appro	oval or Rejection 2-23-07		Certificate or Designation No.			Sigi	nature of Author	rized Indiv	ridual	/				
		2-23-07	25439	7		1	-	1444	700						

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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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US Department of Transportation
Federal Aviation Administration

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

Form App	roved
OMB No	. 2120-0020

For FAA Use Only

Office Identification

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

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	Make	Cessna			Model	17	7			
1. Aircraft	Serial No.	17700512			Nationality and Registration Mark N3212T					
	Name (As shown on registration certificate) Address (As shown on registration ce									
2. Owner		arles H Mount Jr.	ncaie)		1621 Hampton Place Orange Park FI. 32003-7284					
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				4. Unit Identific	ation			5. Type		
Unit	Ma	ke		Model		Serial No		Repair	Alteration	
AIRFRAME		('As des	cribed in Item 1 a	bove)———				×	
POWERPLANT										
i PROPELLER										
APPLIANCE	Manufacturer							r	:	
	I		6.	Conformity Sta	tement				•	
A. Agency's N	ame and Address			B. Kind of Agen			C. Certifi	cate No.	·	
Bryan N				X U.S. Certificated Mechanic						
	ero Services Inc.			Foreign Certificated Mechanic				3216290		
	ye View Lane	•		Certificated Repair Station				3210290		
	ne Fl. 32095			Manufacturer	1					
D. I certify th	at the repair and/or alter								; !	
accordance with	the requirements of Pa	rt 43 of the U.S. Federa	al Aviatio				e and correc	ct to the best of r	my knowledge.	
Date				Signature of Aut	horized Indiv	vidual //)			
	2-23-0	7		A.	54/1	Mice				
	- · · · ·		7. App	roval for Return	To Service)				
Pursuant to the Administrator	ne authority given pe of the Federal Aviat	ersons specified be ion Administration	low, the	e unit identified in APPROVE		nspected in the man REJECTED	ner presci	ribed by the		
BY FAA	Fit. Standards ector	Manufacturer	×	Inspection Author	orization	Other (Specify,)			
FAA	Designee	Repair Station		Person Approve Canada Airworth	niness Group	0			1	
Date of Approv	al or Rejection	Certificate or Designation No.		Signature of Aut	horized Indiv	riduel)			
	2-23-07	25439	6757		1 Million					

FAA Form 337 (12-88)

Electronic Version (Adobe)

N3212T] on '

NOTICE

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

8. Description of Work Accomplished

Installed JPI Instruments EGT-701 Graphic Engine Monitor STC# SA2586NM in accordance with manufacturers install document# 103 Rev.C. STC, Approved Model List, Instructions for Continued Airworthiness and Weight & Balance Revision entered into Aircraft Perminent Records.

-- END -----

US Departr	
Federal Av	

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

:		Form Approved OMB No. 2120-0020	
		For FAA Use Only	
42.15	1.1.	Office Identification	

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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 Fodors) Aviation Act of 1089).

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fo	r each suc	h violation (Section	on 901 Federal Aviati	on Áct o	f 195	(8).		1 2 Barra 3 V		MILE AND		
		Make	Cessna	:		toria esp	Model 177 C. V. C. A.					
1. A	ircraft	Serial No.	17700512	, ,		Nationalit	y and Registration I N3212T	Mark		.		
	· · · · ·	Name (As show	vn on registration cer	tificate)	-		Address	(As shown on regis	tration ce	rtificate)	·	
2. O)wner		Charles H Mount Jr.					621 Hampton Place				
					3 6	or FAA Use O	nly					
						01144 030 0	,					
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					4. U	Init Identificati	on			5. Type		
	Unit		Make			Model		Serial No		Repair	Alteration	
AIRF	RAME			cribe	ed in Item 1 abo	ve)	· · · · · · · · · · · · · · · · · · ·			× ;		
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	Bryan M				X	X U.S. Certificated Mechanic				<u> </u>		
		ero Services Ind	C.		Foreign Certificated Mechanic				3216290			
		ye View Lane		,	Certificated Repair Station							
	-	ne Fl. 32095	alteration made to the un	it/ś\ identi	fied in	Manufacturer ied in item 4 above and described on the reverse or attachments hereto have been made in						
	·	,									:	
		the requirements of	f Part 43 of the U.S. Fede	eral Aviatio					e and correc	of to the best of i	ny knowleage.	
Date)	2_2	3-07		Sigi	nature of Autho	rizea inaly	lattai				
		2.2	0-07				De 1	1/100				
				7. App	rova	i for Return T	Service				•	
Pu	rsuant to th	e authority giver of the Federal A	n persons specified b	elow, th	e unit		n 4 was ir		ner presc	ribed by the	:	
	· · · · · · · · · · · · · · · · · · ·	Flt. Standards	Manufacturer	×	Inst	pection Authoriz	ation	Other (Specify,)		a specific	
BY		Designee	Repair Station			son Approved to					* * * *	
Date	of Approv	al or Rejection	Certificate or	1	Sigi	nature of Autho	rized Indiv	idual		$\overline{}$:	
		2-23-07	Designation No. 2543	96757		1	5.	MACO			·	
			1 2570.		1		-5///	/// / Cie				

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

the till familia in har page, and the factor of the

Installed Power Flow Systems Inc. Extractor Exhaust System STC# SA02674AT in accordance with manufacturers install document# PFS-13751-00. STC, Approved Model List, Instructions for Continued Airworthiness and Weight & Balance Revision entered into Aircraft Perminent Records.

[] Additional Sheets Are Attached

US Department of Transportation
Federal Aviation

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

المنتقر والمترازي والمتراج والمتراجع والمتراج والمتراجع والمتراج والمتراجع والمتراجع والمتراجع والمتراج والمتراجع والمتراج والمتراجع والمتراجع والمتراجع والمتراجع والمتراجع والمتراج والمتراج والمتراج والمتر

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

fo	r each suc	ch violation (Secti	ion 901 Fe	deral Aviation	n Act of	f 195	8).						*			
		Make		essna				Model 177 177								
1. A	ircraft								Nationality and Registration Mark N3212T							
		Name (As show	vn on regi	stration certii	ficate)			Address	(As sho	wn on regis	stration ce	rtificate)				
2. C)wner		Charles H Mount Jr.							1621 Hampton Place Orange Park Fl. 32003-7284						
						3. F	or FAA Use O	nly								
1	ı															
	· ·					4. U	nit Identificati	on				5. Type				
	Unit		Make				Model			Serial No),	Repair	Alteration			
AIRF	RFRAME ————————————————————————————————————					cribe	d in Item 1 abo	ve)———					×			
POW	VERPLANT												,			
PRO	PELLER												. Configure 4			
APF	PLIANCE	Type Manufacturer														
					6.		formity State	ment								
A. A	Agency's N	lame and Addres	ss			B. F	Kind of Agency				C. Certifi	cate No.				
	•	M Wood				X U.S. Certificated Mechanic					4					
		ero Services In	IC.			Foreign Certificated Mechanic				3216290						
		eye View Lane				Certificated Repair Station										
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	-	hat the repair and/or h the requirements o														
Date						Sigi	nature of Autho	rized Indiv	riduat	1		· · · ·				
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			-		7. App	rova	I for Return T	o Service)		-					
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, pý		A Flt. Standards bector	Man	ufacturer	×	Insp	pection Authoriz	ation	Oth	er (Specify)		;			
BY ;	FAA	\ Designee	Repa	air Station		Car	son Approved to nada Airworthin	ess Group	٠				,			
Date	of Appro	val or Rejection 2-23-07		ificate or gnation No.		Sigi	nature of Autho	rized Indiv	ridual C	/	$\overline{}$					
		4-23-01		25439	6757			3/11	11/2	ver		•				

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

Installed BAS Inc. Inertia Reel Shouklder Harness System STC# SA2067NM in accordance with manufacturers install document# 1200 Rev.A. STC, Approved model list, Instructions for Continued Airworthiness and Weight & Balance Revision entered into Aircraft Permanent Records.

US Departmen

of Transportation
Federal Aviation
Administration

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

one was how he is not been

Form App	roved
OMB No	. 2120-002

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).

fo	r each suc	h violation (Section	on 90	1 Federal Aviation	n Áct o	f 195	58).	,		•	•		•
		Make		Cessna				Model	ı	17	7	1. ' .a .	
1. A	Serial No. 17700512						Nationality and Registration Mark N3212T						···
		Name (As show	vn on	registration certi	ficate)			Addre	ess (/	As shown on regis	tration ce	rtificate)	
2. O)wner		Cha	ries H Mount Jr.						21 Hampton Place ge Park Fl. 32003-	7284		
						3. F	For FA	A Use Only					
•										,			-
						4. L	Jnit Id	entification			··-	5. Type	
	Unit		Make	e			М	odel		Serial No	•	Repair	Alteration
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Α. Α		ame and Addres	·s			B.		f Agency			C. Certifi	cate No.	
38	85 Hawke	ero Services In ye View Lane	C.				U.S. Certificated Mechanic Foreign Certificated Mechanic Certificated Repair Station					254396757	
D.	I certify th						n item 4			the reverse or attach			•
		the requirements o	of Part	43 of the U.S. Federa	al Aviatio		-			furnished herin is tru	e and correc	ct to the best of	my knowledge.
Date	3	2-2	23-07			Signature of Authorized Individual							
								Return To Serv					
Pu Ąd	Iministrato	of the Federal A	n pers	sons specified be on Administration	low, thand is	ne uni	it ident	ified in item 4 wa PROVED	s ins] RE	pected in the man		ribed by the	
BY.		Fit. Standards ector		Manufacturer	×		•	n Authorization	·	Other (Specify)		* 4
		Designee		Repair Station		Ca	ınada A	pproved by Trar Airworthiness Gr	oup				:
Date	e of Approv	val or Rejection 2-23-07		Certificate or Designation No. 25439	6757	Sig	gnature	of Authorized li		iual Hico)	\rightarrow	
				∠5439	0/0/	1							

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

Installed Challenger Aviation Products STC# SA01669CH re-usuable air filter in accordance with installation instructions document# 0402 Rev. J. STC, Approved Model List and Instructions for Continued Airworthiness, document# 4003 Rev. D entered into Aircraft Perminent Records.

-- FND -----

SEP 29 INT

			U.S. DEPARTMENT OF	ADM	INISTRATION	VII CHES		Form Approved Budget Bureau !	√o. 04-R0	060.1		
	(Airfra	me,		rope	ller, or Appliar	r, or Appliance)			OFFICE IDENTIFICATION BAL			
INSTRUC for instruct	TIONS: Printions and dis	t or (type all entries. Se	e FAI	R 43.9, FAR 43 Appe	endix B, and	AC 43.9-1	(or subsequent	revision	thereof)		
1. AIRCRAFT	Cessoa				\$	MODEL 177						
			00512			NATIONALITY AND REGISTRATION MARK						
2. OWNER	D	odd	on registration certi Is James A Is David C	fic ate ,	N3212T ADDRESS (As shown on registration certificate) 17821 Mill Creek Dr. Derwood, MD 20855							
					3. FOR FAA USE ON	Y	<u> </u>	20833				
	÷ .											
			4. UI	117 11	DENTIFICATION		* • • • • • • • • • • • • • • • • • • •	-		Tues		
UNIT		MAKE						SERIAL NO. REPAIL		ALTER- ATION		
AIRFRAME	•	*****	*************************	As de	escribed in item 1 abo	ve) ******	*********	****		xx		
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	CELIEVIE			6.	CONFORMITY STATEME	NT				<u> </u>		
	GENCT'S N	AME	AND ADDRESS	•		OF AGEN	icy	C. CERT	IFICATE	NO.		
Aircom 11907 Lynncrest Rd. Monrovia, MD. 21770					U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC X CERTIFICATED REPAIR STATION MANUFACTURER			107-54				
D. I certify attachmen and that i	hat the repa ts hereto hav he informati	ir an ve be on fu	d/or alteration made en made in accorda arnished herein is to	de to nce v	the unit(s) identification the requirement of the best	ed in item of Part 43	4 above and of the U.S	d described on Federal Aviation	the reven	rse or		
ATE	후 보다 함께	5.	389 (1289)555 (87 9 (15)	uni i	SIGNATURE OF AL	Ted B	INDIVIDUAL		793 ·	i ig		
Pursuant to the Administr	stor of the P	given edera	7. A persons specified b l Aviation Administ	PPROV elow	the unit identified and is APPRO	SERVICE	as inspected	in the manner	prescribe	d by		
FAA FI	T. J'ANDARDS	•	MANUFACTURER		INSPECTION AUTHORIZAT	'ion C	OTHER (Specify)	* * * * * * * * * * * * * * * * * * *				
	DESIGNEE	х	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECT OF AIRCRAFT	OR				- 1		
ATE OF APPRILECTION	24/27		CERTIFICATE OR DESIGNATION NO. 107-54		SIGNATURE OF AU	THORIZED FEEL	INDIVIDUA	e for the poly	. 1 4 7 7			
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NOTICE

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

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 NARCO AR-850 Altitude Reporter. Installation is in accordance with NARCO instructions and AC 43.13-2A Chapters 2 & 3. installation The AR-850 and transponder systems were tested and inspected and found to comply with Appendix F of Part 43.

Equipment list revised to indicate change. Monrayla, dD. .14907 Lynnarest Ru: SIFCOR Francist, we was Y VOCACA PANE VICE VODES A FIELER THAT IS NOT THE [[-- -025] Doda's dameis (TASAS MIST CHAR and the process from the process of TIME Casana.... THE STATE OF THE SECOND STATE OF THE SECOND Bright see the reco or avecs ADDITIONAL SHEETS ARE ATTACHED

FAA AC 72-4906

#U.S. GOVERNMENT PRINTING OF FICE, 1986-659-121/40260

16 FEB 1984

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

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

Form Approted Budget Bureau No. 04–R060.1 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. MAKE MODEL Cessna 1. AIRCRAFT

17700512 NAME (As shown on registration certificate)
Dodds, James A. 2. OWNER Dodds, David C.

SERIAL NO.

NATIONALITY AND REGISTRATION MARK USA N3212T ADDRESS (As shown on registration certificate)
17821 Mill Creek Drive Derwood, Maryland 20855

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION 5. TYPE ALTER SERIAL NO. ATION AIRFRAME X POWERPI ANT PROPELLER APPLIANCE

6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. X U.S: CERTIFICATED MECHANIC David C. Dodds FOREIGN CERTIFICATED MECHANIC A&P547027377 1340 Hughes Ford Road CERTIFICATED REPAIR STATION Frederick, Maryland 21701 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

August 20, 1983

SIGNATURE OF AUTHORIZED INDIVIDUAL Havro

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, STANDARDE MANUFACTURER INSPECTION AUTHORIZATION CANADIAN DEPARTMENT FAA DESIGNEE REPAIR STATION OF TRANSPORT INSPECTOR OF AIRCRAFT DATE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL REJECTION 8/20/83 DESIGNATION NO. 305547795 ZDil de

FAA Form 337 (7-67)

☆ U.S. Government Printing Office 1977-772-646/141

(8320)

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

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

Remove ARC RT-540A Nav/Comm and Narco ADF-29 systems, retaining original Nav/Comm antennas and ADF sense antenna.

Installed the following--

Two- ARC RT-328T Nav/Comm's with indicators IN-525B and IN-514B at Sta. 69.0 and one Comm antenna at sta. 127.14

One- ARC R-546E ADF with indicator at sta. 69.0 and sensor loop L-346A at sta. 112.0 and loop cable distributed weight at sta. 90.5.

One- ARC RT-359A Transponder at sta. 69.0.

One- ARC Audio Panel at sta. 69.0.

One- ARC Marker Beacon reciever at sta. 59.0 with antenna at sta. 99.75.

One- ARC R-443B Glideslope reciever at sta. 184.5.

The panel units installed in accordance with AC43.13-2. The electrical system load checked in accordance with AC43.13-1, Chapter 11, Section 2. Antennas installed I/C/W Chapter 3, AC43.13-2.

Aircraft Weight and Balance and Equipment List revised to indicate the above changes.

New aircraft empty weight - 1467.6 lbs.

New aircraft C.G. - 106.3

ADDITIONAL SHEETS ARE ATTACHED

1328-1652 28 JAN 12 68

Form Approved. Budget Bureau No. 04-R058.2 Do not write in shaded areas; Submit original only to an au-If additional space is required. INSTRUCTIONS: Print or type, these are for FAA use only, thorized FAA Representative, use reverse side. FEDERAL AVIATION AGENCY APPLICATION FOR AIRWORTHINESS CERTIFICATE 3, AIRCRAFT MODEL DESIGNATION 2. AIRCRAFT MAKE 2073704 REGISTRATION MARK 177 N3212T Cessna A FNGINE MODEL DESIGNATION 4. AIRCRAFT SERIAL NO. 5. ENGINE MAKE 0-320-E2D 17700512 Lycoming POPELLER MODEL DESIGNATION B. PROPELLER MAKE 7. NO. OF ENGINES 1967 1C172/TM7653 McCauley One A. APPLICATION IS HEREBY MADE FOR: X NEW 3 X ORIGINAL CERTIFICATE—AIRCRAFT IS AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE 4 OTHER (Specify) 5 B. AIRWORTHINESS CLASSIFICATION (For multiple certification, check appropriate items) TRANSPORT ACROBATIC X NORMAL 1 X STANDARD (Indicate category) CERTIFICATION LIMITED 2 AERIAL ADVERTISING AERIAL SURVEYING 3 AGRICULTURE & PEST CONTROL 1 RESTRICTED WEATHER CONTROL PATROLLING 6 (Indicate operation(s)
to be conducted) FOREST (Wild life conservation) 4 3 0 OTHER (Specify) 3 EXHIBITION AMATEUR BUILT EXPERIMENTAL 1 RESEARCH AND DEVELOPMENT EXPERIMENTAL
(Indicate operation(s)
to be conducted) 4 TO SHOW COMPLIANCE WITH FAR Ω 4 RACING FAA CODING 2 CLASS II PROVISIONAL (Indicate class) CLASS I 1 IF DEALER CHECK HERE -> A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) nber, street, city, State and ZIP code) 5800 Pawnee Road Cessna Aircraft Company Wichita, Kansas 67201 B. AIRCRAFT CERTIFICATION BASIS AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Gite No. X and Rev. No.) ATROF AIRWORTHINESS DIRECTIVE SUMMARY (Give year and last card No.) A13CE SUPPLEMENTAL TYPE CERTIFICATE (Gire No(s.)) AIRCRAFT LISTING (Give page No(s.)) C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS FAA CODING TOTAL AIRERAME HOURS RECORDED X AIRCRAFT NEW-NO PREVIOUS HISTORY RECORDS MAINTAINED IN COMPLIANCE-WITH FAR 91,173 Thereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Agency in accordance with section 501 of the Federal Aviation Act of 1958; and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the classification(s) requested.

THE OF APPLICATION

NAME AND TITLE (Print or type)

SIGNATURE 12-6-67 NAME AND TITLE (Print or type) DATE OF APPLICATION 12-6-67 V.G. Weddle, Owner's Agent M. S. Weddle
IN ACCORDANCE WITH FAR 21.183, THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY. CERTIF: CATED DOMESTIC REPAIR STATION (Give Certificate No.) CERTIFICATED AIR CARRIER (Give Certificate No.) 3 FAA CODPIC AIRCRAFT MANUFACTURER (Give name of firm) 5 SIGNATURE TITLE DATE X G. THIS INSPECTION RECORDED IN AIRCRAFT RECORDS X A. CURRENT OPERATING LIMITATIONS AVAILABLE IN AIRCRAFT H. STATEMENT OF CONFORMITY, FAA FORM 317 (Attach when required) B. CURRENT OPERATING LIMITATIONS ATTACHED I. PREVIOUS AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH C. CURRENT APPROVED FLIGHT MANUAL AVAILABLE IN AIRCRAFT D. DATA, DRAWINGS, PHOTOGRAPHS, ETC. (Attach when required) X J. AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH X E. CURRENT WEIGHT & BALANCE INFORMATION AVAILABLE IN AIRCRAFT 21.183 (a) (Copy attached) X A. I have inspected the aircraft described above, find it conforms to its type certificate, and is in condition for safe operation.

B. I have inspected the aircraft described above, find it conforms to its type certificate, and is in condition for safe operation. F. MAJOR REPAIR AND ALTERATION, FAA FORM 337 (Attach when req.) B. I have inspected the aircraft described above, find it is in condition for safe experimental operations C. Current Airworthiness Certificate amended. 12-60 ICT EMDO 2-22-6

FAA Form 305 (6-65) OBSOLETE PREVIOUS EDITION

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3-0-43

0052-024-7000



FAA AIRCRAFT REGISTRY CAMERA NO. DATE:

UNITED STATES OF AMERICA - FEDERAL AVIATION AGENCY

STANT AD AIRWORTHINESS CERTIFIC TE I. NATIONALITY AND REGISTRATION MARKS Z. MANUFACTURER AND MODEL NATION Normal & N3212T Cessna 177 17700512 Utility

5. AUTHORITY AND BASIS FOR ISSUANCE.

This airwarthiness certificate is issued pursuant for the Federal Aviation Act of 1958 and certifies that, as of the date of issuence, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for stafe operation, and for these shown to meet the requirements of the applicable comprehensive and detailed lairwarthiness cade as provided by Annex 8 to the Convention on International Civil Aviation, except as noted berein.

Exceptions:

6. TERMS AND CONDITIONS
Unless sconer surrendered, suspended, revolution is surperinded, revolution in the surrendered in accordance with Parts 27-43, aircraft is registered in the United State

DATE OF ISSUANCE

12-22-67 Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 1362 (7-65)

± GPO : 1966 O - 798-353

0052-040-8000 (8100)

PAA AIRCRAFT REGISTRY 1-26-84

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Form Approved

	. FE	DERAL AVIATION AL	MINISTR	ATION		Budg	et Bureau No	. 04-K060	9.1	
	-		FOR FAA USE ONLY							
MAJOR REPAIR AND ALTERATION						OFFICE IDENTIFICATION GADO				
(Airframe, Powerplant, Propeller, or Appliance)							1 X-21			
INSTRUCT	IONS: Print or typ	e all entries. See	FAR 43	3.9, FAR 43 Appe	ndix B, 2nd	AC 43.9-1 (or	subsequent r	evision th	ereof)	
for instruction	ons and disposition	of this form.	:		·	·		<u> </u>		
-	MAKE	MODEL 177 NATIONALITY AND REGISTRATION MARK								
1. AIRCRAFT	CESSNA									
	SERIAL NO. 1770051	2			H3212T					
9	NAME (As shown o	ADDRESS (As shown on registration certificate)								
2. OWNER	ANDRESEN.	PETER CHRIST	PIAN		3700 Decatur Avenue					
Z. OWNER				• •	Kensington, Karyland, 20795					
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	AGENCY'S NAME	AND ADDRESS		U.S. CERTIFICA	ND OF AGE		C. CER	MILICAIL	140.	
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Gar engre	onte Parit	-200		MANUFACTURE	R	\$	1			
D. L. certify	that the repair ar	nd/or alteration m	ade to	the unit(s) iden	tified in iten	n 4 above and	described o	n the rev	erse or	
attachmi	ents heteto have he	en made in accord	iance w	ith the requireme	ents of Part 4	as of the U.S.	Federal Avia	tion Regu	ılations	
 	t the information f	urnished herein is	true at				` `			
DATE .				SIGNATURE OF		//	1		•	
2 Augus	t 1968			L	18	schell				
		7	APPRO	VAL FOR RETURN 1			· · · · · · · · · · · · · · · · · · ·			
Pursuant to	the authority give	n persons specified	below	, the unit identifi	ed in item 4	was inspected REJECTED	in the mann	er prescri	bed by	
FA	A FLT. STANDARDS	MANUFACTURER	XX	INSPECTION AUTHOR		OTHER (Specify)			•	
BY	A DESIGNEE	REPAIR STATION		CANADIAN DEPARTA OF TRANSPORT INS OF AIRCRAFT					· .	
DATE OF AP	PROVAL OR	CERTIFICATE OR	13.1	SIGNATURE OF	AUTHORIZE	D INDIVIDUAL	1 1			
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2 A1611	57/968	ALP 1479837	IA	Dam	mes C	Select	7			

FAA Form 337 (7-67)

(8320)

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

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

Installed a Narco Albarro System. The Panel Unit is installed in the Instrument Panel, Sta. 18.0, The Sensor Loop, Sta. 144.0, The Sensor Cable, Sta. 63.0 and the Sense Antenna as 1 Lb. of distributed weight.

The Panel Unit installed in accordance with Chapter 2. AC43.13-2. The The Panel Unit installed in accordance with Chapter 2, AC43.13-2. The Antenna Systems installed in accordance with Chapter 3, AC43.13-2. The Electrical System load checked in accordance with AC45.13-1, Chapter 11, Section 2. Aircraft Weight and Balance and Equipment List revised to indicate the above change.

ADDITIONAL