



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 FAA 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)).

1. Aircraft	Nationality and Registration Mark N3212T	Serial No. 17700512	
	Make Cessna	Model 177	Series
2. Owner	Name (As shown on registration certificate) MOUNT CHARLES H JR	Address (As shown on registration certificate) Address 3440 MAYNARD CIR	
		City GAINESVILLE	State GA
		Zip 30506-3734	Country UNITED STATES

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME		(As described in item 1 above)	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	Southern Air Group LLC	U.S. Certificated Mechanic	Manufacturer
Address	15200 Airport Rd	Foreign Certificated Mechanic	C. Certificate No.
City	Oxford State GA	<input checked="" type="checkbox"/> Certificated Repair Station	50UR487D
Zip	30054 Country United States	<input type="checkbox"/> 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.

Extended range fuel per
14 CFR Part 43 App. B ☐

Signature/Date of Authorized Individual

Steven Givens 08/25/2020

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. 50UR487D		Signature/Date of Authorized Individual Steven Givens 08/25/2020		

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

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

N3212T United States

Nationality and Registration Mark

08/25/2020

Date

Removed Standby Vacuum system.

Installed dual Garmin G5 flight instruments in accordance with installation manual Document No. 190-01112-10 Rev 23 dated 06/01/2020. Installed GAD 13 OAT interface with GTP 59 probe. Installed GMU 11 in RH wing tip. Installed GAD 29B on lower glove box. This installation is approved under STC No. SA01818WI. Completed and installed AFMS Document No. 190-01112-13, Rev 6, dated 07/19/2019. Completed ICA Document No. 190-01112-11, Rev 7, dated 05/08/2020.

Installed Garmin GNC 355 Navigation System in accordance with installation manual Document No. 190-02207-A5 Rev. 3, dated 02/24/2020. Installed GA 35 antenna on upper fuselage with, routed new RG-400 cable. This installation is approved under STC No. SA02636SE. Completed and installed AFMS Document No. 190-02207-A3 Rev. 3, dated 03/03/2020. Completed and installed ICA Document No. 190-02207-A2, Rev 2, dated 07/25/2019.

Weight and balance revised at this time.

END

☒ Additional Sheets Are Attached



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 § 21.120, 14 CFR § 91.403(d), FAA Order 8110.48 and FAA Advisory Circular 21-40; Garmin International, Inc. hereby grants permission to MOUNT CHARLES H JR owner/operator of CESSNA 177 bearing manufacturer's serial number 17700512 to use FAA Supplemental Type Certificate SA01818WI and deliverable data associated with it, for the sole and express purpose of installation and approval of the installation of a Garmin G5 Electronic Flight Instrument into the above referenced aircraft. Installer must still verify airframe eligibility per STC SA01818WI and the associated Approved Model List (AML). Following modification per STC SA01818WI, a copy of this permission letter should be placed in the aircraft's permanent records. Alteration or reproduction of this letter is 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.



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

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.

A handwritten signature in black ink, appearing to read "Emmett Griffith".

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 FAA 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)).

1. Aircraft	Nationality and Registration Mark N3212T	Serial No. 17700512	
	Make Cessna	Model 177	Series
2. Owner	Name (As shown on registration certificate) MOUNT CHARLES H JR	Address (As shown on registration certificate) Address 3440 MAYNARD CIR	
		City GAINESVILLE	State GA
		Zip 30506-3734	Country United States


3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME		(As described in item 1 above)	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

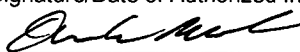
6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Georgia Avionics Inc		U.S. Certificated Mechanic	Manufacturer
Address 841 Ronald Wood Road, Suite B		Foreign Certificated Mechanic	C. Certificate No.
City Winder	State GA	<input checked="" type="checkbox"/> Certificated Repair Station	CRS #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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  10/19/2018
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA Fit. Standards Inspector		Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)
Certificate or Designation No. GX4R222M		Signature/Date of Authorized Individual  10/19/2018			

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

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

N3212T

Nationality and Registration Mark

10/19/2018

Date

Removed ARC RT359A transponder M/N RT359A P/N 41420-1114 S/N 3658. Installed and configured Garmin GTX345W transponder P/N 010-01216-41 S/N 3EG420644. The transponder meets the requirements for ADS-B compliance and is a fully integrated unit. Transponder was installed in accordance with manufacturer's instructions, STC# SA01714WI, applicable FARs, and aircraft manufacturer maintenance manuals. The equipment was ramp tested to verify proper system configurations and compliance with 14 CFR Section 91.227. An OFE was conducted per Section 91.407(b) and a compliance report was included with the aircraft installation paperwork. An approved FMS was provided to the aircraft owner. Weight and balance updated.

***** END *****

☒ Additional Sheets Are Attached



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1. Aircraft	Nationality and Registration Mark USA N3212T	Serial No. 17700512		
	Make cessna	Model 177	Series	
2. Owner	Name (As shown on registration certificate) Mount, Charles H. Jr		Address (As shown on registration certificate) Address 3504 Morningwood Ct, N.E.	
			City Suwanee	State Ga
			Zip 30024	Country USA


3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	cessna	(As described in Item 1 above)	17700512
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. 1975936
Name Bobby J Swink	Address 3332 Whitlow Creek Dr City Bishop State Ga Zip 30621 Country USA	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	
		<input type="checkbox"/> Foreign Certificated Mechanic		
		<input type="checkbox"/> Certificated Repair Station		
		<input type="checkbox"/> Certificated Maintenance Organization		

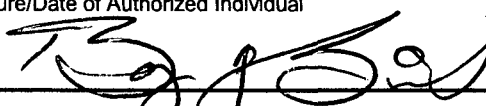
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  9 Feb 2017
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. 1975936	Signature/Date of Authorized Individual  9 Feb 2017
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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 applicable airworthiness requirements.

8. Description of Work Accomplished

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

USA 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 fiberglass 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 tailcone 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/AW 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 there 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	Part Number
Engine Cowl Cover (177)	EF-003
Upper Tailcone C177, A, B, RG	TFU-KT
Lower Tailcone C177, A, B, RG	TFL-002
Main Gear Leg Kit: C177 Upper & Lower Gear Fairings	MGL-001A & MGU-002
C177 Air Inlets	A1-001A
Brake Fairings C182	MGL182-001
Wing Tips 177	WT-177/L & WT-177/R
Fancy Pants 172	172FPU-004 & 172FPL-003
Main Wheel Fairings	89-1102-17L 89-1102-16R
Nose Wheel Fairings	85-1101
Stabilator Tips 177, A, B, RG	ST-001A
ADF Loop Cover	Small
ADF Loop Cover	Large

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

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



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

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark U.S.A. N3212T	Serial No.	17700512	
	Make Cessna	Model	177	Series
2. Owner	Name (As shown on registration certificate) Mount, Charles H Jr		Address (As shown on registration certificate)	
			Address 3504 Morningwood Ct N.E.	
			City Suwanee	State Ga
			Zip 30024	Country USA

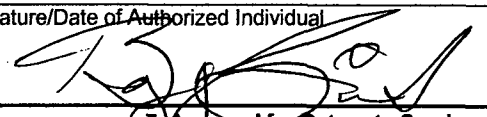
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	Cessna	(As described in Item 1. above)	17700512
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

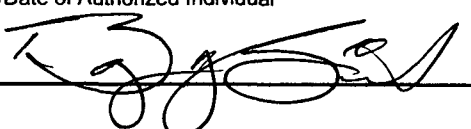
A. Agency's Name and Address		B. Kind of Agency	
Name Bobby Swink	Address 3332 Whitlow Creek Dr City Bishop State Ga Zip 30621 Country USA	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
		<input type="checkbox"/> Certificated Repair Station	1975936
		<input type="checkbox"/> 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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  10 FEB 2017
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
Certificate or Designation No. 1975936		Signature/Date of Authorized Individual  10 FEB 2017		

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

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

USA N3212T

10 Feb 2016

Nationality and Registration Mark

Date

N3212T... Tach reads: 2712.41 ... A/C TTSN; 2712.41 hrs

Aircraft Damaged in ground incident (un-occupied, power off, engine stopped) , aircraft rolled down slope and collided with chain link fence (rolling backward).

Incident damage to stabilator (and both stabilator trim tabs and tip fairings) , rudder and tail cone.

Hidden damage inspection performed on stabilator attach fittings and structure, rudder attach fittings and structure and vertical fin fwd and aft attach points (no damage found)

(A) Stabilator pn# 1732003-7 (no serial #), (installed)

Stabilator repaired by : Williams Airmotive (RS# WWFR 300K) under WO# 18470, Dec 29, 2016.. Repaired I/A/W SEB# 89-1 with following parts replaced.

1. 1732003-5 skin, L/H upper & R/H lower
2. 1732003-6 skin, L/H lower & R/H upper
3. 1732003-18 skin, L/H leading edge
4. 1732003-19 skin, R/H leading edge
5. 1732063-1 bracket
6. 1732064-2 bracket end of parts list.....

(B) Rudder pn# 1733000-1 (no serial #), (installed)

exchanged damaged rudder with Williams Airmotive (RS# WWFR 300K) for serviceable spare part supplied under WO# 18471, Dec 29, 2016

1. 1733000-1 serviceable rudder assy

(C) Installed 1ea new # 1732025-5 L/H trim tab assy, 1ea new # 1732025-6 R/H trim tab assy
2ea new # 1732024-1-791 stabilator tip caps, 2ea #1732037-3 and 2ea new # 1732037-4 tip cap stiffeners.

1. Primed, and painted stabilator assy and rudder assy (to match existing paint scheme)
2. Balanced painted stabilator assy to +10.8 in lbs (underbalance) (post "cardinal rule" and NO abrasion strips), installed, rigged and tensioned cables.
3. Balanced painted rudder assy to +13.8 in lbs (underbalance), installed, rigged and tensioned cables.

(D) weight and balance unchanged, weight of completed replacement assemblies checked and within 3 oz of removed (damaged) parts..

//////////////////// END //////////////////////////////////////

☐ Additional Sheets Are Attached

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				OMB No. 2120-0020 Exp: 8/31/2014		Electronic Tracking Number	
				For FAA Use Only			
INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))							
1. Aircraft	Nationality and Registration Mark N3212T			Serial No. 17700512			
	Make Cessna			Model 177		Series 1968	
2. Owner	Name (As shown on registration certificate) Charles H Mount Jr			Address (As shown on registration certificate) Address 3504 Morningwood Ct NE			
				City Suwanee State Ga		Zip 30024 Country USA	
3. For FAA Use Only							
4. Type		5. Unit Identification					
Repair	Alteration	Unit	Make	Model		Serial No.	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	<u>Cessna 177</u>	(As described in Item 1 above)		<u>17700512</u>	
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT					
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER					
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type				
			Manufacturer				
6. Conformity Statement							
A. Agency's Name and Address				B. Kind of Agency			
Name Bobby J Swink				<input checked="" type="checkbox"/> U. S. Certificated Mechanic		Manufacturer	
Address 1071 Spring Creek Dr				<input type="checkbox"/> Foreign Certificated Mechanic		1975936	
City Bishop State Ga				<input type="checkbox"/> Certified Repair Station			
Zip 30821 Country USA				<input type="checkbox"/> Certified 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.							
Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>			Signature/Date of Authorized Individual 27 Jun 2014				
7. Approval for Return to Service							
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected							
BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport			
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)			
Certificate or Designation No. 1975936			Signature/Date of Authorized Individual 27 Jun 2014				

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

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

N3212T

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 edge impact damage from ground handling incident..

Repaired the aileron by re-skinning

Installed new pn#1221006-15 skin assy in accordance with the instructions contained in the model 177 maint manual (structural repair section # 17)

prepped , primed and painted repaired assy..balanced to + 18.7 in lbs (underbalance) following painting.

Installed repaired aileron using new hardware, and checked aileron system rigging and stops.

Aircraft approved for return to service following test flight performed by owner.

Gross weight of repaired assy less than 1/2 lb heavier than original damaged aileron.. no weight and bal change entered.

////////////////////////////////////// END //

☐ Additional Sheets Are Attached



U.S. Department
of Transportation
Federal Aviation
Administration

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

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

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N3212T	Serial No. 17700512	
	Make CESSNA	Model 177	Series
2. Owner	Name (As shown on registration certificate) CHARLES H. MOUNT JR.	Address (As shown on registration certificate) 3504 MORNINGWOOD CT NE SUWANEE, GA 30024 USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address Georgia Avionics Inc. 841B Ronald Wood Road Winder, GA 30680 770-867-0002	B. Kind of Agency	
	<input type="checkbox"/> U. S. Certified Mechanic	<input type="checkbox"/> Manufacturer
	<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.
	<input checked="" type="checkbox"/> Certified Repair Station	RS #GX4R222M
	<input type="checkbox"/> Certified Maintenance Organization	Instrument

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual HCS	H. C. Swindell Jr. 20-February-2014
--	---	--

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
BY	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization
		Other (Specify)	

Certificate or Designation No. GX4R222M	Signature/Date of Authorized Individual HCS	H. C. Swindell Jr. 20-February-2014
--	---	--

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

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

N3212T

Feb-20-2014

Nationality and Registration Mark

Date

1. INTRODUCTION: INSTALLATION OF AUTOPILOT IN N3212T
2. DESCRIPTION: THE FOLLOWING ITEM/ITEMS WERE REMOVED FROM THE AIRCRAFT'S AVIONICS EQUIPMENT: TURN COORDINATOR AND DIRECTIONAL GYRO
THE FOLLOWING ITEM/ITEMS WERE ADDED TO THE AIRCRAFT'S AVIONICS EQUIPMENT. S-TEC SYSTEM30
THE ALTERATIONS 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; 23.1329; 23.1381; 23.689; 23.1331
THE AUTOPILOT SYSTEM WAS INSTALLED PER STC#
3. CONTROL, OPERATION INFORMATION: A FAA APPROVED FLIGHT MANUAL SUPPLEMENT WAS ADDED TO THE AIRCRAFT RECORDS. MANUFACTURER'S OPERATIONS GUIDE P/N 8777 WAS PROVIDED.
4. SERVICING INFORMATION: ALL SERVICING OF ITEMS INCLUDED IN THIS INSTALLATION MUST BE ACCOMPLISHED BY APPROVED DEALERS USING MANUFACTURER'S MANUALS.
5. MAINTENANCE INSTRUCTIONS: THE SYSTEM REQUIRES NO OTHER 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 BY AN AUTHORIZED DEALER WITH THE REQUIRED SERVICE DATA AND TEST EQUIPMENT.
7. REMOVAL AND REPLACEMENT INFORMATION: ALL COMPONENTS CAN BE REMOVED WITH COMMON TOOLS AND PRACTICES. SEE INSTALLATION MANUALS FOR SPECIFICATIONS.
8. DIAGRAMS: INSTALLATION DRAWINGS AND BULLETINS SUPPLIED BY MANUFACTURER ARE ON FILE WITH GEORGIA AVIONICS UNLESS REQUESTED BY AIRCRAFT OWNERS.
9. SPECIAL INSPECTIONS: NOT APPLICABLE
10. APPLICATION OF PROTECTIVE TREATMENTS: COMPONENTS SHOULD NOT BE EXPOSED TO THESE TREATMENTS.
11. DATA: ALL FASTENERS AND HARDWARE PER AC43.13-1B/2B
12. SPECIAL TOOLS: NOT APPLICABLE
- 13A. ELECTRICAL LOADS: POWER IS SUPPLIED THROUGH A CIRCUIT BREAKER IN THE AIRCRAFT/AVIONICS BUSS. THE AIRCRAFT EQUIPMENT HAS BEEN TESTED AND DOES NOT EXCEED 80% OF THE AIRCRAFT'S AVAILABLE ELECTRICAL POWER.
14. RECOMMENDED OVERHAUL PERIODS: "NO ADDITIONAL OVERHAUL TIME LIMITATIONS."
15. AIRWORTHINESS LIMITATIONS: "NO ADDITIONAL AIRWORTHINESS LIMITATIONS"
16. REGARDING REVISIONS: A LETTER WILL BE SUBMITTED TO THE LOCAL FSDO WITH A COPY OF THE REVISED FAA FORM 337.

AIRCRAFT RECORDS REVISED I/A/W FAR43.5 AND AC43.9B.

DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER # 22687

***** END *****

☐ ADDITIONAL SHEETS ARE ATTACHED



U.S. Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$ 1000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make CESSNA	Model 177
	Serial No. 17700512	Nationality and Registration Mark USA N3212T
2. Owner	Name (As shown on registration certificate) CHARLES MOUNT	Address (As shown on registration certificate) 3504 MORNINGWOOD CT NE SUWANEE, GA 30024 USA

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Georgia Avionics Inc. 841B Ronald Wood Road Winder, GA 30680 770-867-0002	<input type="checkbox"/> U. S. Certified Mechanic	RS #GX4R222M Instrument Radio Limited Airframe
	<input type="checkbox"/> Foreign Certified Mechanic	
	<input checked="" type="checkbox"/> Certified Repair Station	
	<input type="checkbox"/> 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 24-May-2010	Signature of Authorized Individual H. C. SWINDELL JR. <i>HCS</i>
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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

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee X	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 24-May-2010		Certificate or Designation No. GX4R222M	Signature of Authorized Individual H. C. SWINDELL JR. <i>HCS</i>	

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 (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 BY AN AUTHORIZED SERVICE CENTER.
7. REMOVAL AND REPLACEMENT INFORMATION: ALL COMPONENTS CAN BE REMOVED WITH COMMON TOOLS AND PRACTICES.
8. DIAGRAMS: SEE INSTALLATION MANUAL
9. SPECIAL INSPECTIONS: NOT APPLICABLE
10. APPLICATIONS OF PROTECTIVE TREATMENTS: PANEL MOUNTED COMPONENTS SHOULD NOT BE EXPOSED TO PROTECTIVE TREATMENTS.
11. STRUCTURAL FASTENERS: ALL FASTENERS AND HARDWARE PER AC43.13-1B/2B
12. SPECIAL TOOLS: NOT APPLICABLE
- 13A. ELECTRICAL LOADS: POWER IS SUPPLIED THROUGH A 5AMP CIRCUIT BREAKER IN THE AIRCRAFT/AVIONICS BUSS. THE AIRCRAFT EQUIPMENT HAS BEEN TESTED AND DOES NOT EXCEED 80% OF THE AIRCRAFT'S AVAILABLE ELECTRICAL POWER. ALL FUNCTIONS ARE COMPATIBLE TO OTHER AIRCRAFT SYSTEMS.
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 337.

AIRCRAFT RECORDS REVISED IN ACCORDANCE WITH FAR43.5 AND AC43.9B. DETAILS ARE ON FILE AT GEORGIA AVIONICS INC. UNDER WORK ORDER# 21740.

***** END *****

☐ ADDITIONAL SHEETS ARE ATTACHED



US Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

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).

1. Aircraft	Make Cessna	Model 177
	Serial No. 17700512	Nationality and Registration Mark N3212T
2. Owner	Name (As shown on registration certificate) Charles H Mount Jr.	Address (As shown on registration certificate) 1621 Hampton Place Orange Park Fl. 32003-7284

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT	Lycoming	O-320-E2D	L-20623-27A		X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Bryan M Wood Southeast Aero Services Inc. 385 Hawkeye View Lane St Augustine Fl. 32095	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 3216290
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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 2-23-07	Signature of Authorized Individual
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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

BY	FAA Flt. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 2-23-07		Certificate or Designation No. 254396757	Signature of Authorized Individual 	

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 Precise Flight Inc. STC#'s SA2162NM and SE1779NM SVS 5 Standby Vacuum System in accordance with manufacturers install document# 08072. STC, Approved Model List, Instructions for Continued Airworthiness and Weight & Balance Revision entered into Aircraft Permanent Records.

----- END -----



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).

1. Aircraft	Make Cessna	Model 177
	Serial No. 17700512	Nationality and Registration Mark N3212T
2. Owner	Name (As shown on registration certificate) Charles H Mount Jr.	Address (As shown on registration certificate) 1621 Hampton Place Orange Park Fl. 32003-7284

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Bryan M Wood Southeast Aero Services Inc. 385 Hawkeye View Lane St Augustine Fl. 32095	B. Kind of Agency	C. Certificate No. 3216290
	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> 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 2-23-07	Signature of Authorized Individual
------------------------	---

7. Approval for Return To Service

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

BY	FAA Flt. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 2-23-07		Certificate or Designation No. 254396757	Signature of Authorized Individual 	

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 Permanent Records.

-----END-----



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).

1. Aircraft	Make Cessna	Model 177
	Serial No. 17700512	Nationality and Registration Mark N3212T
2. Owner	Name (As shown on registration certificate) Charles H Mount Jr.	Address (As shown on registration certificate) 1621 Hampton Place Orange Park Fl. 32003-7284

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Bryan M Wood Southeast Aero Services Inc. 385 Hawkeye View Lane St Augustine Fl. 32095	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 3216290
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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 2-23-07	Signature of Authorized Individual
-----------------	--

7. Approval for Return To Service

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

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 2-23-07		Certificate or Designation No. 254396757	Signature of Authorized Individual 	

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 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 Permanent Records.

----- END -----



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).

1. Aircraft	Make Cessna	Model 177
	Serial No. 17700512	Nationality and Registration Mark N3212T
2. Owner	Name (As shown on registration certificate) Charles H Mount Jr.	Address (As shown on registration certificate) 1621 Hampton Place Orange Park Fl. 32003-7284

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Bryan M Wood Southeast Aero Services Inc. 385 Hawkeye View Lane St Augustine Fl. 32095	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 3216290
---	--	-------------------------------

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 2-23-07	Signature of Authorized Individual
-----------------	--

7. Approval for Return To Service

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

BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 2-23-07		Certificate or Designation No. 254396757	Signature of Authorized Individual 	

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 BAS Inc. Inertia Reel Shoulder 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.

----- END -----



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).

1. Aircraft	Make Cessna	Model 177
	Serial No. 17700512	Nationality and Registration Mark N3212T
2. Owner	Name (As shown on registration certificate) Charles H Mount Jr.	Address (As shown on registration certificate) 1621 Hampton Place Orange Park Fl. 32003-7284

3. For FAA Use Only

4. Unit Identification

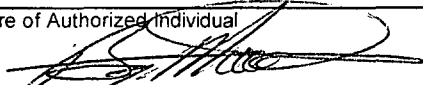
5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

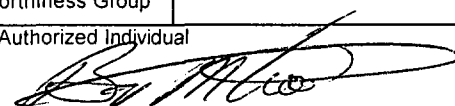
A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Bryan M Wood Southeast Aero Services Inc. 385 Hawkeye View Lane St Augustine Fl. 32095	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	254396757
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> 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 2-23-07	Signature of Authorized Individual 
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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

BY:	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 2-23-07		Certificate or Designation No. 254396757	Signature of Authorized Individual 	

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 Challenger Aviation Products STC# SA01669CH re-usable 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 Permanent Records.

----- END -----

SEP 29 1987

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.				OFFICE IDENTIFICATION BAL FSDO-7	
1. AIRCRAFT	MAKE	Cessna	MODEL	177	
	SERIAL NO.	17700512	NATIONALITY AND REGISTRATION MARK	N3212T	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	Dodds James A Dodds David C		17821 Mill Creek Dr. Derwood, MD 20855		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
Aircom 11907 Lynncrest Rd. Monrovia, MD. 21770		<input type="checkbox"/> U.S. CERTIFICATED MECHANIC <input checked="" type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input checked="" type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		107-54	
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			
09/24/87		<i>James A. Dodds</i>			
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION		
	FAA DESIGNEE	X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
09/24/27		107-54	<i>James A. Dodds</i>		

NOTICE

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 (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 installation instructions and AC 43.13-2A Chapters 2 & 3.

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.

*****END*****

DOMESTIC 000 5000

1990 г. Август 1990 г.

WILSON

Y. YABUCHI, S. OHTSUKI AND T. KUBO

2 NOV 68 08:22 AM

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

Wednesday

1. 2. 3.

☐ ADDITIONAL SHEETS ARE ATTACHED

16 FEB 1984

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				FOR FAA USE ONLY	
INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.				OFFICE IDENTIFICATION	
1. AIRCRAFT	MAKE	Cessna	MODEL	177	
	SERIAL NO.	17700512	NATIONALITY AND REGISTRATION MARK	USA N3212T	
2. OWNER	NAME (As shown on registration certificate) Dodds, James A. Dodds, David C.		ADDRESS (As shown on registration certificate) 17821 Mill Creek Drive Derwood, Maryland 20855		
	3. FOR FAA USE ONLY				
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
AIRFRAME	***** (As described in item 1 above) *****			REPAIR	ALTERATION
POWERPLANT	XX				
PROPELLER	XX				
APPLIANCE	TYPE	XX			
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
David C. Dodds 1340 Hughes Ford Road Frederick, Maryland 21701		<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		A&P547027377	
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 <i>David C. Dodds</i>			
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 8/20/83		CERTIFICATE OR DESIGNATION NO. 305547795		SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Sery Z Bell</i>	

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 (If more space is required, attach additional sheets. Identify with aircraft 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 receiver at sta. 59.0 with antenna at sta. 99.75.

One- ARC R-443B Glideslope receiver 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

XX

☐ ADDITIONAL SHEETS ARE ATTACHED

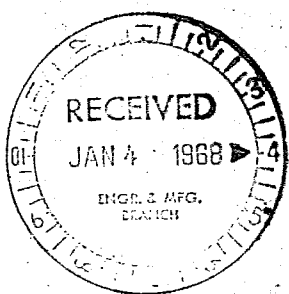
328-1652 28 JAN 12 '68

Form Approved.
Budget Bureau No. 04-R058.2

FEDERAL AVIATION AGENCY APPLICATION FOR AIRWORTHINESS CERTIFICATE (FAR 21)				INSTRUCTIONS: Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use reverse side.	
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK	2. AIRCRAFT MAKE	3. AIRCRAFT MODEL DESIGNATION	FAA CODING	
	N3212T	Cessna	177	2073704	
	4. AIRCRAFT SERIAL NO.	5. ENGINE MAKE	6. ENGINE MODEL DESIGNATION	41508	
	17700512	Lycoming	0-320-E2D		
II. CERTIFICATION REQUESTED	7. NO. OF ENGINES	8. PROPELLER MAKE	9. PROPELLER MODEL DESIGNATION	10. YR. AIRC. MANUFACTURED	
	One	McCauley	1C172/TM7653	1967	
	A. APPLICATION IS HEREBY MADE FOR:				
	<input checked="" type="checkbox"/> ORIGINAL CERTIFICATE—AIRCRAFT IS <input checked="" type="checkbox"/> NEW <input type="checkbox"/> USED <input type="checkbox"/> IMPORT <input type="checkbox"/> AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE <input type="checkbox"/> OTHER (Specify) _____				
III. OWNER'S CERTIFICATION	B. AIRWORTHINESS CLASSIFICATION (For multiple certification, check appropriate items)				
	<input checked="" type="checkbox"/> STANDARD (Indicate category) <input checked="" type="checkbox"/> NORMAL <input checked="" type="checkbox"/> UTILITY <input type="checkbox"/> ACROBATIC <input type="checkbox"/> TRANSPORT <input type="checkbox"/> LIMITED				
	<input type="checkbox"/> RESTRICTED (Indicate operation(s) to be conducted) <input type="checkbox"/> EXPERIMENTAL (Indicate operation(s) to be conducted) <input type="checkbox"/> PROVISIONAL (Indicate class)				
	<input type="checkbox"/> 1 AGRICULTURE & PEST CONTROL <input type="checkbox"/> 2 AERIAL SURVEYING <input type="checkbox"/> 3 AERIAL ADVERTISING <input type="checkbox"/> 4 FOREST (Wild life conservation) <input type="checkbox"/> 5 PATROLLING <input type="checkbox"/> 6 WEATHER CONTROL <input type="checkbox"/> 0 OTHER (Specify) _____				
	<input type="checkbox"/> 1 RESEARCH AND DEVELOPMENT <input type="checkbox"/> 2 AMATEUR BUILT <input type="checkbox"/> 3 EXHIBITION <input type="checkbox"/> 4 RACING <input type="checkbox"/> 0 TO SHOW COMPLIANCE WITH FAR <input type="checkbox"/> 1 CLASS I <input type="checkbox"/> 2 CLASS II <input type="checkbox"/> 3 CLASS III				
	A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)				
	NAME		ADDRESS (Number, street, city, State and ZIP code)		
	Cessna Aircraft Company		5800 Pawnee Road Wichita, Kansas 67201		
	B. AIRCRAFT CERTIFICATION BASIS				
	<input checked="" type="checkbox"/> AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Rev. No.) A13CE		<input type="checkbox"/> AIRWORTHINESS DIRECTIVE SUMMARY (Give year and last card No.) <input type="checkbox"/> SUPPLEMENTAL TYPE CERTIFICATE (Give No(s.))		
C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS					
<input checked="" type="checkbox"/> AIRCRAFT NEW—NO PREVIOUS HISTORY <input type="checkbox"/> RECORDS MAINTAINED IN COMPLIANCE WITH FAR 91.173		TOTAL AIRFRAME HOURS RECORDED		FAA CODING	
I hereby 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.					
DATE OF APPLICATION		NAME AND TITLE (Print or type)		SIGNATURE	
12-6-67		V.G. Weddle, Owner's Agent		V.G. Weddle	
IV. INSPECTION AGENCY VERIFICATION	IN ACCORDANCE WITH FAR 21.183, THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY:				
	<input type="checkbox"/> 2 CERTIFICATED AIR CARRIER (Give Certificate No.) <input type="checkbox"/> 5 AIRCRAFT MANUFACTURER (Give name of firm)		<input type="checkbox"/> 3 CERTIFICATED MECHANIC (IA) (Give Certificate No.) <input type="checkbox"/> 6 CERTIFICATED DOMESTIC REPAIR STATION (Give Certificate No.)		FAA CODING
	DATE		TITLE		SIGNATURE
					Verified by Operator #101
V. AIRWORTHINESS DOCUMENTATION	<input checked="" type="checkbox"/> A. CURRENT OPERATING LIMITATIONS AVAILABLE IN AIRCRAFT <input type="checkbox"/> B. CURRENT OPERATING LIMITATIONS ATTACHED <input type="checkbox"/> C. CURRENT APPROVED FLIGHT MANUAL AVAILABLE IN AIRCRAFT <input type="checkbox"/> D. DATA, DRAWINGS, PHOTOGRAPHS, ETC. (Attach when required) <input checked="" type="checkbox"/> E. CURRENT WEIGHT & BALANCE INFORMATION AVAILABLE IN AIRCRAFT <input type="checkbox"/> F. MAJOR REPAIR AND ALTERATION, FAA FORM 337 (Attach when req.)		<input checked="" type="checkbox"/> G. THIS INSPECTION RECORDED IN AIRCRAFT RECORDS <input type="checkbox"/> H. STATEMENT OF CONFORMITY, FAA FORM 317 (Attach when required) <input type="checkbox"/> I. PREVIOUS AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR _____ CAR _____ (Orig. attached) <input checked="" type="checkbox"/> J. AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR 21.183 (a) (Copy attached)		
	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 is in condition for safe experimental operation.				
	C. Current Airworthiness Certificate amended.				
VI. FAA REPRESENTATIVE CERTIFICATION	DATE	DESIGNATION NO.	OFFICE NO.	SIGNATURE	
	12-22-67	000	ICT EMDO 3-0-43	Cessna Aircraft Co., Commercial Div. Delegation of Authority Manufacturer, EE-4 Lester A. Deising	

FAA AIRCRAFT REGISTRY
CAMERA NO. 3

DATE: 1-26-84



UNITED STATES OF AMERICA — FEDERAL AVIATION AGENCY
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N3212T	2. MANUFACTURER AND MODEL Cessna 177	3. AIRCRAFT SERIAL NUMBER 17700512	4. CATEGORY Normal & Utility
5. AUTHORITY AND BASIS FOR ISSUANCE. This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein. Exceptions: None			
6. TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the aircraft is maintained in accordance with the applicable maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.			
DATE OF ISSUANCE 12-22-67	FAA REPRESENTATIVE <i>[Signature]</i> Lesley A. Delano	DESIGNATION NUMBER	

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 AIRCRAFT REGISTRY
CAMERA NO. 3

DATE: 1-26-84

AUG 5 1968

FAA COPY

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				Form Approved Budget Bureau No. 04-R060.1	
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				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.					
1. AIRCRAFT	MAKE	CESSNA	MODEL	177	
	SERIAL NO.	17700512	NATIONALITY AND REGISTRATION MARK	N3212T	
2. OWNER	NAME (As shown on registration certificate)		ADDRESS (As shown on registration certificate)		
	ANDRESEN, PETER CHRISTIAN		3700 Decatur Avenue Kensington, Maryland, 20795		
3. FOR FAA USE ONLY					
4. UNIT IDENTIFICATION					
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				XXX
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				
6. CONFORMITY STATEMENT					
A. AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY		C. CERTIFICATE NO.	
Samuel E. Schell Montgomery County Airpark Gaithersburg, Maryland		<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		A&P1479837	
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			
2 August 1968		Samuel E. Schell			
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/> INSPECTION AUTHORIZATION	OTHER (Specify)	
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT		
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
2 AUGUST 1968		A&P14798371A	Samuel E. Schell		

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

Installed a Narco ADE-20A 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 Antenna System installed in accordance with Chapter 3, AC43.13-2. The Electrical System load checked in accordance with AC43.13-1, Chapter 11, Section 2.

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

//////////////////////////////////////END//////////////////////////////////////

☐ ADDITIONAL SHEETS ARE ATTACHED