N178DA 1984 Citation SII

FAA Form 337s

MSN: S550-0004



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

2019 4 Department of Transportation

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

WESTERN AVIONICS, INC. 19711 CAMPUS DR. SANTA ANA, CA 92707 X Certified Mechanic X Department of the reverse or attachments hereto The propertified in item 5 above and des	Administration				10	NP-05	1470
Nationally and Regastration Mark CRSNA Aircraft Nationally and Regastration Mark CRSNA Note: Not	instructions and disposition of this form. This report is required by						
Make Address Address As anown on registration certificate)			Serial No.				
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Name - 43 shown on registration certificate) J R TOMKINSON INC 101 DOVE ST CA 92660 3. For FAA Use Only The technical data identified breath has been found to the state of the state o			Model		Series	\$	
Owner J R TOMKINSON INC 1401 DOVE ST NEWPORT BEACH CA 92660 3. For FAA Use Only The technical data identified herein has been found to comply with applicable altworthiness requirements and is hereby approved for use only on the above described alicraft, subject to comformly inspection by a person in Section 43.7 AMPFEDGATE FEB 0 5 2009 KENNETH C. BROCK AMIATION SAFETY INSP LGB FSDO 4. Type 5. Unit identification Make Model Serial No. APPLIANCE POWERPLANT POWERPLANT POWERPLANT POWERPLANT L POWERPLANT D RESTERN AVIONICS, INC. PROPELLER APPLIANCE Manufacturer Manufacturer L S. Certified Repair Station YUSS P97L Certified Repair Station Was Percentage Repair Station Was Percentage Repair Station Was Percentage Repair Station Para Extension Percentage Repair Station Percent	CESSNA		S550				
NEWPORT BEACH CA 92660	Name (As shown on registration certificate)	Address (As shown on registration					
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YH 3R 99 / 1 / / / / / / / / / / / / / / / /	Designation No		\	2/5/	38	-	
EAA Form 337)	/ /			

Weight and balance of 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.)

MOVING MAP INSTALLATION

- 1. Installed (1) FLIGHT DISPLAY SYSTEMS FD200CPU-7 S/N 7007051system at station with (1) LCD display in passenger cabin at station 135.0 reference to STC SA02684AT dated 08/13/06 and in accordance with Manufactures Installation Manual # FD200CPU-7.
- Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-1B Chapter 7, section 3, 4, 5; Chapter 11, section 1, pars. 1, 2, 7, section 3, pars. 30, 31, 32, 33 section 7, AC 43.13-2A Chapter 2, pars. 21-27; Chapter 3, pars. 36-38, 44; Chapter 11, pars. 211-214; Chapter 13, pars. 261-263.
- 3. Continued Airworthiness Instructions: 4 . e C. The Moving map is designed and manufactured to allow "on condition maintenance." Maintenance shall be performed as stated in the Manual #,FD200CPU-7 and ICA contained below.
- 4. FD200CPU-7 exhibits no interference to communication or navigation systems.
- 5. Pertinent details of this alteration are on file at this agency under work order numbered 219445.
- A flight test was performed to confirm that the system operates properly, safely, in accordance with manufactures specifications, and is not a source of objectionable interference's
- 7. An operator's handbook was provided.
- Aircraft weight & balance was superceded
- Aircraft equipment list was revised.

END OF DATA

Instructions for Continued Airworthiness

- Introduction: CITATION \$550 N72AM S/N \$550-004. 1.
- Description: The moving map provides aircraft position to the passengers.
- Control, Operation Information: See operator's handbook. 3.
- Servicing Information: Factory repair only.
- 5. Maintenance Instructions: Maintenance of the moving map is "on condition" only. Periodic maintenance is not required.
- Trouble Shooting Information: Refer to the moving map Maintenance Manual. 6.
- Removal & Replacement Info: Refer to sections 2 and 3 of the moving map Installation Manual. If the unit is removed and reinstalled, a functional check of the equipment should be conducted in accordance with section 5 of the moving map Installation Manual.
- Diagrams: Refer to sections 3 and 4 of the Installation Manual.
- Special Inspection requirements: N/A.
- 10. Application of Protective Treatments: N/A.

Page 1

Newpoward balance of operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be convenible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished
(If there space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
and registration mark and date work completed.)
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CITATION S550
N72AM S/N: S550-004
11. Data: Relative to Structural Fasteners
Unit installation, removal and replacement should be in accordance with applicable provisions of AC
43.13-1B and 43.13-2A.
12. List of Special Tools: N/A
13. For commuter category aircraft: Not Applicable
14. Recommended Overhaul Periods: There are no additional overhaul time limitations.
15. Airworthiness Limitation Section: N/A
16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and
revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following
statement:
"The attached revised / new Instructions for Continued
Airworthiness (date) for the above aircraft or
component major alteration have been accepted by the FAA,
superseding the ICA (dated)." Once the revision
has been accepted, a maintenance record entry will be made,
identifying the revision, its location, date of the Form 337."
Page 2

NOTIFICATION OF THE PROPERTY O
ADDITIONAL SHEETS ARE ATTACHED

US 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

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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1. Airc	rant	Serial No. 0004					/lark	ark			
2. Owr	ner	Name (As shown o J. R. TOMKINSON	n registration cert I INC	rificate)	1401 DOVE STREET						
					3. For FAA Use O	nly					
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					4. Unit Identificati	on			5. Type		
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Date	•**	03/09/2007			Signature of Author	irized India	vidual	,			
				7. App	roval for Return/T	o Service	Ð				
Pursi Admi	ant to th	ne authority given pe of the Federal Aviat	ersons specified be tion Administration	elow, the	e unit identified in/iter ☑ APPROVED	m 4 was i	nspected in the man	ner presc	ribed by the		
BY _	FAA	Flt. Standards ector	Manufacturer		Inspection Authoriz	zation	Other (Specify)			
		Designee X	Repair Station		Canada Airworthin	ess Grou	p	·		: :	
Date of	• •	val or Rejection 09/2007	Certificate or Designation No. CRS R1JR6		Signature of Author	orized Indiv	vidual				
FAA	Form 3	37 (12-88)		Elect	tronic Version (Adobe)						

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

N72AM, S-II 550, SERIAL NUMBER 0004

- 01. REMOVED HORIZONTAL STABILIZER ASSEMBLY P/N 5532000-48, S/N 509 PER CITATION S-550 M.M. CHAPTER 55-10-01 PAR. 3 A, FOR STRUCTURAL REPAIR DUE TO L/H LEADING EDGE BIRD STRIKE DAMAGE.
- 02. PERFORMED A DETAILED STRUCTURAL INSPECTION PER CITATION S-550 M.M. CHAPTER 55-10-01-212, PAR. 3, (HORIZONTAL STABILIZER INTERNAL INSPECTION), AND PAR. 4, (HORIZONTAL STABILIZER FORWARD, AFT AND AUXILIARY SPARS INSPECTION).
- 03. REMOVED AND REPLACED THE FOLLOWING STRUCTURAL MEMBERS PER CITATION S-550 STRUCTURAL REPAIR MANUAL 55-10-09, PAR 2 :
 - 1. SKIN ASSEMBLY 124A, P/N 5532000-53, 2. SKIN ASSEMBLY LOWER 4A, P/N 5532000-45
 - 3. SKIN LEAD, EDGE L/H, P/N 5532000-65 4. RIB 24A, P/N 5532024-16
 - 5. RIB P/N 5532023-23, 5532023-24.
- 6. TIP AY 124A, P/N 5532030-3, L/H AND R/H

	7. L/E PAI	NEL, D3715		,					
04.				LIZER ASSEMI TER 55-10-01		00-48, S/N 509 A	FTER REPAIR		
. 05.	VERIFIED PAR. 3 A.	ELEVATOR N	EUTRAL A	ALIGNMENT P	ER CITATION N	IAPTER 27-31-0 M.M. CHAPTER : TON M.M. CHAF	27-31-00,		
06.	SYSTEM		AK CHECK	K, PER CITATIO	PANEL AND PE ON S-550 M.M. (ERFORMED AIR CHAPTER	FOIL ANTI-ICE		
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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

Administration								<u> </u>		
and dispositi	ion of this form. Thi	s is re	tries. See FAR 43.9. Fequired by law (49 U.S ederal Aviation Act of	.C. 142	Appendix B. 21). Failure to	report can result in	ubsequent rev a civil penalty	ision thereof) for not to exceed \$	instructions 1000	
	Make CESSNA					Model S550				
1. Aircraft	Serial No.					Nationality and Re	nistration Mark			
	S550-004					United St		N72AM		İ
	Name (As shown or	n regis	tration certificate)			Address (As show	n on registration	certificate)		
2. Owner	J R TOMKIN					1401 DOVE NEWPORT BE		92660		
	<u> </u>				3. For FAA	\ Use Only				
				4. Uni	t Identificati	on			5. Type	
Unit		Mai	ke		Mod	el	Serial N	lo.	Repair	Alteration
AIRFRAME			(As e	descr	ibed in Iter	m 1 above) =				X
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PROPELLE	ER			•						·
APPLIANC	Туре									`
	Manufacturer									
					6. Confor	nity Statement				
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19711	N AVIONICS, I CAMPUS DR. ANA, CA 9270 71.				Fore X Cert	Certified Mechanic ign Certified Mecha ified Repair Station ufacturer		YH3R997L		·
D. I certif	fy that the repair	been	or alteration made made in accordan hed herein is true a	ce wii	unit(s) ide	ntified in item 4 a	is of the o	escribed on the S\ Federal Avi	e reverse o ation Regu	r lations
Date	3/26/04				Signature of	Authorized Individua)		
	1126/00			7 05	STAN ERIC	etúrn to Service				
Pursuan	t to the authority	give	n persons specified	belov	w. the unit i	dentified in item	was inspe	cted in the ma	nner presc	ribed by the
ļ	rator of the Fede FAA Fit. Standards	iai A	viation Administrat	ion al	Inspection Au	APPROVED thorization	Other (Spe			
BY	Inspector FAA Designee	x	Repair Station	+	Person Appro	oved by Transport	+			
 	pproval or Rejection	L	Certificate or			Authorized Individu				

STAN ERICKSON

YH3R997L

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.)

VFR GPS INSTALLATION

- Installed (1) Garmin GNS 430A GPS Navigation System s/n 97135913 in the number (2)
 position located avionics stack at station 102.5 referenced to STC SA00705WI dated Oct, 1998
 and in accordance with Manufactures Installation Manual # 190-00140-02 Rev. F, dated Oct.,
 1999.
- The GA 56 GPS Antenna is located on top of the aircraft at station 191.50. For further details
 on its mounting and doubler plate see AC 43.13-2A Chapter 3. This Antenna is sealed with
 MIL S-8802 type sealant.
- 3. The Garmin GNS 430 GPS Receiver is manufactured, tested and certified to be in compliance with TSO C129, Class A1.
- 4. The GPS is coupled to the GI 106A and GTX 330 transponder.
- The ATC transponder and automatic pressure altitude reporting equipment integration test required by FAR 91.413 (b) have been performed and found to comply with FAR part 43, Appendix F.
- 6. The Garmin GNS 430A is protected by 5-amp circuit breaker for the GPS and 10 AMP circuit breaker for the comm, both labeled accordingly located on the pilot's circuit breaker panel. Maximum electrical load did not exceed 80% of the generating capacity of the electrical charging system.
- 7. All Tefzel Mil 22759 wiring was used in this install.
- 8. Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-1B Chapter 7, section 3,4,5; Chapter 11, section 1, pars. 1, 2, 7, section 3, pars. 30, 31, 32, 33 section 7, AC 43.13-2A Chapter 2, pars. 21-27; Chapter 3, pars. 36-38, 44; Chapter 11, pars. 211-214; Chapter 13, pars. 261-263 and AC20-138.
- Continued Airworthiness Instructions: The Garmin GNS430A is designed and manufactured to allow "on condition maintenance." Maintenance shall be performed as stated in Garmin Maintenance Manual # 190-00140-02 and ICA contained below.
- 10. GPS exhibits no interference to communication or navigation systems.
- 11. A PLACARD WAS INSTALLED IN CLEAR VIEW OF THE PILOT INDICATING THAT THE SYSTEM IS <u>NOT</u> APPROVED FOR NAVIGATION UNDER IFR CONDITIONS.
- 12. Pertinent details of this alteration are on file at this agency under work order numbered 216568. flight test was performed to confirm that the system operates properly, safely, in accordance with manufactures specifications, and is not a source of objectionable interference's
- 13. An operator's handbook was provided.
- 14. Aircraft weight & balance was superceded
- 15. Aircraft equipment list was revised.

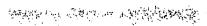
END OF DATA

PAGE 1

Weight and barance 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. Descri	ption of	Work A	ccomp	lished

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



Instructions for Continued Airworthiness

- 1. Introduction: CESSNA S550 N72AM S/N S550-004.
- 2. Description: The GNS 430A is a GPS receiver certifiable for IFR en route, terminal, and non-precision approach operations.
- 3. Control, Operation Information: Operate per manufactures Pilot Guide or quick reference guide.
- 4. Servicing Information: Replace Jeppesen data card with updated card each 28 days when received. Replace card per instructions in Pilot Guide para 3.2.
- 5. Maintenance Instructions: Periodic Maintenance of the GNS 430 is not required per Appendix A of installation manual.
- 6. Trouble Shooting Information: See attached wiring diagrams provided.
- 7. Removal & Replacement Info: When replacing Jeppesen data card, insure that the card silver backing is facing to the right of the unit. When removing the GPS from the console, remove adjacent units before attempting to remove GPS to allow room to disconnect the cooling tube and the electrical connectors. Reverse removal instructions when installing unit.
- 8. Diagrams: None required
- 9. Special Inspection requirements: None required
- 10. Application of Protective Treatments: None required
- 11. Data: As listed on above 337.
- 12. List of Special Tools: None required
- 13. For commuter category aircraft: Not Applicable
- 14. Recommended Overhaul Periods: There are no additional overhaul time limitations.
- 15. Airworthiness Limitation Section: System not approved for IFR navigation.
- 16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement:

"The attached revised / ne	w Instructions for Continued
Airworthiness (date) for the above aircraft or
component major alteration l	nave been accepted by the FAA,
superseding the ICA (dated)." Once the revision
	ance record entry will be made,
	ocation, date of the Form 337."

PAGE 2

******	NOTHING FOLLOWS	******

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	Department
of T	ransportation
Fed	eral Aviation
Adı	ninistration

10/02/06

a control out to the the state of the court of the property of the first of the court **MAJOR REPAIR AND ALTERATION** (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

WP-05

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B. and AC43.9-1 (or subsequent revision thereof) for instructions

	Make CE:	ssna		Model S 5 5 0 Nationality and Registration Mark						
1. Aircraft	Seria	al No.								
	S5.	50-004		United	States	N72AM				
	1	ne (As shown on registration certificate) R TOMKINSON INC		Address (As sh	nown on registration EST	n certificate)				
2. Owner				NEWPORT BEACH CA 92660						
comply with	TEDL	ata identified herein has been four	9	Use Only						
described a person in Date	ircra Sec	pproved for use only on the above aft, subject to comformity inspection tion 43.7 AWP-FSDO-05 Signature T 0 2 2006	on by KENNETH N AVIATION	1 C. BROCK I SAFETY IN SDO	SP					
			4. Unit Identification	n			5. Type			
Unit		Make	Model	Model Serial N			Repair	Atteration		
AIRFRAME		(A	s described in Item	1 above)				X		
POWERPLA	INT									
PROPELLER	R									
APPLIANCE		Туре								
APPLIANCE		Manufacturer								
			6. Conform	ity Statement						
A. Agency's	Nam	ne and Address	B. Kind of	Agency		C. Certificate No.				
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Date				Authorized Indivi						

STAN ERICKSON

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.)

MODE 'S' TRANSPONDER INSTALLATION

- 1. Installed (1) Garmin GTX 330 Transponder SN 84122208 TSO C112 2A1 in the avionics stack at station 102.5 with reference to STC ST01125WI and in accordance with Manufactures Installation Manual # 190-00207-02 Rev. A, dated Nov. 2002.
- 2. The existing transponder Antenna located on bottom of the aircraft was used for this install.
- 3. The GTX 330 is coupled to GNS 530 and 430A.
- 4. The Garmin GTX 330 is protected by 5 amp main power circuit breakers located on the pilot's circuit breaker panel. Maximum electrical load did not exceed 80% of the generating capacity of the electrical charging system.
- 5. Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-1B Chapter 7, section 2,3,4,5; Chapter 11, section 1, pars. 1, 2, 7, section 3, pars. 30, 31, 32, 33 section 7, AC 43.13-2A Chapter 2, pars. 21-27; Chapter 3, pars. 36-38, 44; Chapter 11, pars. 211-214; Chapter 13, pars. 261-263.
- 6. All Tefzel Mil 22759 wiring was used in this install.
- 7. Continued Airworthiness Instructions: The Garmin GTX 330 is designed and manufactured to allow "on condition maintenance." Maintenance shall be performed as stated in Garmin Maintenance Manual # 190-00207-02 and ICA contained below.
- 8. GTX 330 exhibits no interference to communication or navigation systems.
- 9. Pertinent details of this alteration are on file at this agency under work order numbered 216568.
 10. FAA approved Airplane Flight Manual Supplement Dated: under work order numbered 216568. was installed into the Pilots Operating Handbook.
- 11. A flight test was performed to confirm that the system operates properly, safely, in accordance with manufactures specifications, and is not a source of objectionable interference's
- 12. An operator's handbook was provided.
- 13. Aircraft weight & balance was superceded
- 14. Aircraft equipment list was revised.

END OF DATA

Instructions for Continued Airworthiness

- 1. Introduction: CESSNA S550 N72AM S/N S550-004.
- 2. Description: GARMIN GTX 330 Installation Manual, P/N 190-00207-02.
- 3. Control, Operation Information: N.A.
- 4. Servicing Information: N/A.
- 5. Maintenance Instructions: Maintenance of the GTX 330 is "on condition" only. Periodic maintenance is not required. Refer to the GTX 330 Maintenance Manual, GARMIN part number 190-00207-02.

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.

<u>,</u>	compatible with all previous alterations to assure continued conformity with the applicable all worthiness requirements.
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8.	Description of Work Accomplished (If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work completed.)
	The state of the s
	CESSNA S550 N72AM S/N S550-004
	 Trouble Shooting Information: Refer to the GTX 330 Installation Manual. Removal & Replacement Info: Refer to sections 2 and 3 of the GTX 330 Installation Manual. If the unit is removed and reinstalled, a functional check of the equipment should be conducted in accordance with section 5 of the GTX 330 Installation Manual. Diagrams: Refer to sections 3 and 4 of the GTX 330 Installation Manual. Special Inspection requirements: N/A. Application of Protective Treatments: N/A.
	10. Application of Protective Treatments: N/A. 11. Data: Relative to Structural Fasteners
	Unit installation, removal and replacement should be in accordance with applicable provisions of AC 43.13-1B and 43.13-2A. 12. List of Special Tools: N/A 13. For commuter category aircraft: Not Applicable 14. Recommended Overhaul Periods: There are no additional overhaul time limitations. 15. Airworthiness Limitation Section: N/A 16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement: "The attached revised / new Instructions for Continued Airworthiness (date) for the above aircraft or component major alteration have been accepted by the FAA, superseding the ICA (dated)." Once the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, date of the Form 337."
	Page 2

ı	Additional Sheets Are Attached

U.S. Department of Transportation Federal Aviation

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

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for each such		100	-ederal Aviation Act	of 1958).								
ļ							Model S550					
1. Aircraft	CESSNA											
., , ,, 416	Serial No.						Nationality and	Registration	Mark			
	s550-004						United S	States		N72AM		
	Name (As shown or	regi	stration certificate)				Address (As sh	own on regis	tration o	ertificate)		
2. Owner	J R TOMKIN	-			1401 DOVE ST NEWPORT BEACH CA 92660							
			ein has been foun		3. F	or FAA l	Jse Only					
and is hereb described a a person in	by approved for u	con WP-1	ness requirements only on the above informity inspectio FSDO-05 Signature		KE AY	ATION	C. BROCK SAFETY INS	5P				
				4. Unit	t Iden	tification					5. Type	·
Unit		Ma	ke			Model		Se	erial No).	Repair	Alteration
AIRFRAME	AME (As des				ibed	in Item	1 above)					X
POWERPLA	.NT											
PROPELLER	R											
	Туре											
APPLIANCE	Manufacturer	·										
				1	6. C	Conformi	y Statement	<u></u>				
A Agency's	Name and Address	 S		······	В	Kind of A	agency			C. Certificate	No.	
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D. I certify	that the repair a	een	or alteration mad made in accorda hed herein is true	ance with	h the	s) identi require	fied in item 4	t 43 of the	nd des	cribed on the Federal Avi	e reverse of ation Regu	r lations
Date	,		· · · · · · · · · · · · · · · · · · ·		Signa	ature of Au	thorized Individ					
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BY	AA Designee	х	Repair Station		Canac	da Airworth	d by Transport niness Group		- ; - ,/	}		
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FAA Form	337 (12-88)						$\overline{}$	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.

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

GPS IFR CERTIFICATION PORTION ENROUTE, TERMINAL AND NON-PRECISION APPROACH

- Certify (1) existing Garmin GNS 430A GPS S/N 97135913 Navigation System that was previously installed per STC SA00705WI and Manufacturers Installation Manual #190-00140-02 Rev. C. dated Nov. 1998.
- 2. The GNS430 is manufactured, tested, and certified to be in compliance with TSO C129, Class A1 and qualified for IFR Enroute, Terminal, and Non-Precision Approach Certification.
- 3. An entry has been made in the aircraft logbook referencing this FAA Form 337 in compliance with FAR part 43.9.
- 4 Pertinent details of this alteration are on file at this agency under work order numbered 216568 and 337 form dated 09-20-06.

A flight test was performed to confirm that the system operates properly and safely in accordance with manufactures specifications, and is not a source of objectionable interference's.
Ground test Result; SATISFACTORY.

Date of ground test 9/1/0 C

Repair Station Authorized Signatory
FAA approved Airplane flight Manual Supplement Dated 0 2 2006 was installed into the Pilots Operating Handbook.
Instructions for Continued Airworthiness are contained on VFR 337 GPS 430 installation.



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

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

WP-05 AG

NSTRUCTIONS: 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
or each such violation (Section 901 Federal Aviation Act of 1958).

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	Make CESSNA			_		Model S550				
1. Aircraft	Serial No.					Nationality and Registration Mark				
	S550-004					United States N72AM				
	Name (As shown or	regis	stration certificate)			Address (As sh	own on registration	n certificate)		
	J R TOMKIN	SON	INC			1401 DOV				
2. Owner						NEWPORT	BEACH CA	92660		
The technica	al data identified	here	ein has been found	d to	3. For FAA U	lse Only				
and is hereb described at a person in t	v approved for u	use con WP-I	ness requirements only on the above informity inspection FSDO-05 Signature		KENNE AVIATIO LGB	TH C. BROC ON SAFETY FSDO	:K INSP			
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l attachmen	ts hereto have b	een	made in accorda	ince wit	th the requirer	nents of Par	t∡45° of the U. ∜	S. Federal Avi	ation Regu	lations
and that th	e information fu	ırnis	hed herein is true	and co	rrect to the b	est of mykn	owledge.			
Date				Signature of Authorized Individual						
10/02/06				STAN ERICKSON						
7. Approval for Return to Service										
Pursuant t	o the authority	giver	n persons specifie	d belov	v, the unit ide	ntified in iter	4 was inspe	cted in the ma	nner presc	ribed by the
			viation Administra			APPROVED	REJEC	TED		
Ins	A Fit. Standards		Manufacturer		Inspection Autho	rization	Other (Spe	cify)		
I BY	A Designee	х	Repair Station		Person Approved Canada Airworth	by Transport iness Group)		
Date of App	roval or Rejection		Certificate or Designation No.	-	Signature of A	uthorized Indivi	idual			
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Het never 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.)

MFD INSTALLATION

- 1. Installed L3 I-LINK MFD S/N 6068422 in avionics stack at station 102.50 in referance to STC SA02154AK dated 02/18/2000 and in accordance with Manufactures Installation Manual # 190-00355-02 Rev B., dated Feb. 2005.
- The I-LINK is coupled to the GNS 530, 430A, ART 2000 and WX 500.
- Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-1B Chapter 7, section 3,4,5; Chapter 11, section 1, pars. 1, 2, 7, section 3, pars. 30, 31, 32, 33 section 7, AC 43.13-2A Chapter 2, pars. 21-27; Chapter 3, pars. 36-38, 44; Chapter 11, pars. 211-214; Chapter 13, pars. 261-263. والإسرائية والإيران والإمرانية الأنام والإمرانية والمرابعة والأمراء والأمراء والأمراء
- Continued Airworthiness Instructions:
- 1.更新,1000年度<mark>1888年,1000年</mark>100日 The L3 I-LINK is designed and manufactured to allow "on condition maintenance."
- Maintenance shall be performed as stated in I-LINK Maintenance Manual #190-00355-02. See ICA below.
- 7. Ground and flight checks made and Stormscope exhibits no interference to other communications or navigation systems.
- The will not cause a hazard to other aircraft systems, to the operation of the aircraft, or its occupants.
- Pertinent details of this alteration are on file at this agency under work order numbered 215956.
- 10. FAA approved Airplane Flight Manual Supplement Dated: 007 0 2 2006 was installed into the Pilots Operating Handbook.
- 11. An operators handbook was provided.
- 12. Aircraft Weight & Balance was superseded.
- 13. Aircraft equipment list was revised.

END OF DATA

Instructions for Continued Airworthiness

- 1. Introduction: CESSNA S550 N72AM S/N S550-004.
- 2. Description: The I-LINK MFD is a multi-function display capable of displaying moving maps, traffic, terrain and VFR/IFR charting functions.
- 3. Control, Operation Information: Operate per manufactures Pilot Guide or quick reference guide.
- 4. Servicing Information: Refer to the installation manual #190-00355-02.
- 5. Maintenance Instructions: Periodic Maintenance of the I-LINK MFD is not required.
- 6. Trouble Shooting Information: See attached wiring diagrams provided.
- 7. Removal & Replacement Info: When removing the I-LINK from the console, remove adjacent units before attempting to remove I-LINK to allow room to disconnect the cooling tube and the electrical connectors. Reverse removal instructions when installing unit.
- Diagrams: None required

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 date work completed.)
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	CESSNA S550 N72AM S/N S550-004
	CESSIAM SOUD IN LAMINE SOUTHOUT
	9. Special Inspection requirements: None required
	10. Application of Protective Treatments: None required
	11. Data: As listed on above 337.
	12. List of Special Tools: None required
	13. For commuter category aircraft: Not Applicable
!	14. Recommended Overhaul Periods: There are no additional overhaul time limitations.
	15. Airworthiness Limitation Section: The I-LINK can only detect signals if they are received.
	16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337
	and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the
	following statement:
	"The attached revised / new Instructions for Continued
ŀ	Airworthiness (date) for the above aircraft or
	component major alteration have been accepted by the FAA,
	superseding the ICA (dated)." Once the revision
	has been accepted, a maintenance record entry will be made,
l	identifying the revision, its location, date of the Form 337."
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MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

	Form Approved OMB No. 2120-0020
į	For FAA Use Only
	Office Identification WP-05 AS

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).

for each such	violation (Section 901)	rederal Aviation Act	ot 1958).						
d Almo-th	Make CESSNA			L L	Model S550				. ,
1. Aircraft	Serial No.	Nationality and Registration Mark							
	s550-004		United	States	N72AM				
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and is heret described a person in Date	epplicable altworthing approved for use of ircraft, subject to consection 43.7 AWP-	ness requirement	• 	KENNE [*] AVIATIO	TH C. BRO ON SAFET' FSDO				
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			6	. Conformity	Statement		•		
A. Agency's	Name and Address			B. Kind of Ag	ency		C. Certificate	No.	
	AVIONICS, INC.			U. S. Ce	U. S. Certified Mechanic YH3R997L				
	AMPUS DR.			Foreign Certified Mechanic				•	
SANTA A	NA, CA 92707	•		X Certified Repair Station Manufacturer					
D. I certify	that the repair and/ nts hereto have been ne information furnis	n made in accorda	ance with ti	nit(s) identific he requirem	ed in item 4 ents of Par	₹ 3>o(the. Ų. \$	escribed on the S. Federal Avi	e reverse o ation Regu	r lations
Date /	0/02/05		Signature of Authorized Individual STAN ERICKSON						
	1		7. Approv	val for Return	to Service				
	to the authority give ator of the Federal A		ed below. t	he unit_iden				nner presc	ribed by the
F/	AA Fit. Standards	Manufacturer		pection Authoriz		Other (Spec			,. <u></u>
BY	AA Designee X	Repair Station	Per Ca	rson Approved t nada Airworthin	y Fransport ess Group				
Date of App	proval or Rejection	Certificate or Designation No.		gnature of Aut	()	idual			
1 //2 //	02/06	YH3R997L	Si	ran ericks	⁷	//	<i></i>		

160 , 360, 1190

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.	Descr	lption	of	Work	Accom	plished
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(If more space is required, attach additional sheets, identity with aircraft nationality and registration mark and date work completed.)

XM SATELLITE WX INSTALLATION

- 1. Installed Garmin GDL 69 s/n 47703106 in forward avionics bay at station 61.0 in reference to STC SA01487SE dated 12/20/04 and in accordance with Manufactures Installation Manual #1901 each tabled on the Approved Model Installation to the Approved Model Installation at the without within STC SA01487SE.
- 2. The GA 55 Antenna is located on top of the aircraft at station 87504846. For further details on its mounting and doubler plate see AC 43.13-2A Chapter 3. This Antenna is sealed with MIL S-8802 type sealant.
- 3. The GDL 69 is coupled to the GNS 530 and 430.
- 4. The GDL 69 exhibits no interference to communication or navigation systems.
- 5. All Tefzel Mil 22759 wiring was used in this install.
- 6. Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-1B Chapter 7, section 3, 4, 5; Chapter 11, section 1, pars. 1, 2, 7, section 3, pars. 30, 31, 32, 33 section 7, AC 43.13-2A Chapter 2, pars. 21-27; Chapter 3, pars. 36-38, 44; Chapter 11, pars. 211-214; Chapter 13, pars. 261-263 and AC20-138.
- Continued Airworthiness Instructions: The Garmin GDL 69 is designed and manufactured to allow "on condition maintenance." Maintenance shall be performed as stated in Garmin Maintenance Manual # 190-00355-02 and ICA contained below.
- 8. The GDL 69 exhibits no interference to communication or navigation systems.
- Pertinent details of this alteration are on file at this agency under work order numbered 216568.
 flight test was performed to confirm that the system operates properly, safely, in accordance with manufactures specifications, and is not a source of objectionable interference's
- 10. A flight test was performed to confirm that the system operates properly, safely, in accordance with manufactures specifications, and is not a source of objectionable interference's.
- 11. An operator's handbook was provided.
- 12. Aircraft weight & balance was superseded
- 13. Aircraft equipment list was revised.

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

3	Descri		f Wark	A	-11-6-4
,	O 4 3 C 1	,,,,,,,,,	ITTUIK	ACCOM	plished

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

Instructions for Continued Airworthiness

- 1. Introduction: CESSNA S550 N72AM S/N S550-004.
- 2. Description: The GDL 69 is an XM Satellite radio data link receiver.
- 3. Control, Operation Information: Operate per manufactures Pilot Guide or quick reference guide.
- 4. Servicing Information: The GDL 69 does not require regular cleaning.
- 5. Maintenance Instructions: No scheduled servicing tasks or internal manual adjustments are required on the GDL 69.
- 6. Trouble Shooting Information: See attached wiring diagrams provided.
- 7. Removal & Replacement Info: Insert the GDL 69 into the rack, noting proper orientation as shown in install manual 190-00355-02.
- 8. Diagrams: None required
- 9. Special Inspection requirements: None required
- 10. Application of Protective Treatments: None required
- 11. Data: As listed on above 337.
- 12. List of Special Tools: None required
- 13. For commuter category aircraft: Not Applicable
- 14. Recommended Overhaul Periods: There are no additional overhaul time limitations.
- 15. Airworthiness Limitation Section: It is the installer's responsibility to preserve the essential characteristic of the aircraft being modified by this manual to be in accordance with aircraft manufacturer's original.
- 16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the following statement:

"The attached revised / new	Instructions for Continued
Airworthiness (date) for the above aircraft or
component major alteration ha	ve been accepted by the FAA,
superseding the ICA (dated_)." Once the revision
has been accepted, a maintenar	nce record entry will be made
identifying the revision, its loc	cation, date of the Form 337."

PAGE 2

*****	NOTHING	FOLLOWS	*****
*****	NOTHING	FOLLOWS	*****

Additional Sheets Are Attached

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U.S. Department
of Transportation
Federal Aviation

FAA Form 337 /12-88)

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

Form Approved	
OMB No. 2120-0020	
For FAA Use Only	
Office Identification	
WE-05 A1	

of Transportation Federal Aviation Administration	n (AIIIII	(Airframe, Powerplant, Propeller, or Appliance)								Office Identification WF-05 A-6			
and disposition	on of this form. Th	is is r	tries. See FAR 43.9. equired by law (49 U. Federal Aviation Act of	S.C. 14	21). Failure to i	ind AC43.9-1 (d report can resul	or subsequent rev It in a civil penalty	vision thereof) for v not to exceed \$	instructions 1000				
	Make CESSNA				Model S550								
1. Aircraft	Serial No.		· · · · · · · · · · · · · · · · · · ·		Nationality and Registration Mark								
,	s550-004					United							
2. Owner	Name (As shown o	_	·		Address (As shown on registration certificate) 1401 DOVE ST NEWPORT BEACH CA 92660								
omply with a nd is hereby escribed air person in S Date	approved for us	thine se on comf VP-FS	ormity inspection b	K	3. For FAA I	BROCK FETY INSP							
				4. Un	it Identification	1			5. Type				
Unit		Ma	ke		Model		Serial N	No.	Repair	Alteration			
AIRFRAME			(As	desci	ribed in Item	1 above)				X			
POWERPLA	.NT												
PROPELLE	₹												
APPLIANCE	Type Manufacture	r											
					6. Conformi	ty Statement			1	1			
A. Agency's	Name and Addres	ss				<u></u>		C. Certificate	No.				
A. Agency's Name and Address WESTERN AVIONICS, INC. 19711 CAMPUS DR. SANTA ANA, CA 92707 YH3R997L Manufacturer C. Certificate No. YH3R997L YH3R997L C. Certificate No. YH3R997L YH3R997L Manufacturer								,					
attachmei	nts hereto have	been	or alteration made made in accorda hed herein is true	nce wit	th the require	ments 👌 Par	t 43 of the LLS	escribed on the S. Federal Avia	e reverse of ation Regu	r lations			
Date	10/02	7	L			uthorized Individ							
	- / - /			7. Apı	proval for Retu			\mathcal{I}					
			n persons specifie viation Administra			entified in iter	n 4 was inspec		nner presc	ribed by the			
F	AA Fit. Standards		Manufacturer		Inspection Author	orization	Other (Spec	cify)					
BY F	AA Designee	х	Repair Station		Person Approve Canada Airwort	niness Group							
1 1	proval or Rejection		Certificate or Designation No.		Signature of A	uthorized Indivi	idual	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.)

INTERFACE ADAPTER INSTALLATION

- Installed (1) Garmin GAD 42 SN 99602540 interface Adapter at station 149.6 referenced to STC SA00880WI dated 5/31/00 and in accordance with Manufactures Installation Manual # 190-00159-00 Rev. B, dated Aug. 2000.
- 2. The GAD 42 is coupled to the C-14, VG-14A and ART 2000.
- 3. The Garmin GAD 42 is protected by 2 amp circuit breakers located on the pilot's circuit breaker panel. Maximum electrical load did not exceed 80% of the generating capacity of the electrical charging system.
- 4. All Tefzel Mil 22759 wiring was used in this install.
- 5. Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-18 Chapter 7, section 3,4,5; Chapter 11, section 1, pars. 1, 2, 7, section 2 pars. 424, 428-430, section 3, pars. 442-445, 447-451, section 7, pars. 514-520; AC 43.13-2A Chapter 2, pars. 21-27; Chapter 3, pars. 36-38, 42, 44; Chapter 11, pars. 211-214; Chapter 13, pars. 261-263 and AC 20-138.
- Continued Airworthiness Instructions:
 The Garmin GAD 42 is designed and manufactured to allow "on condition maintenance."
 Maintenance shall be performed as stated in Garmin Maintenance Manual # 190-00159-00 and ICA contained below.
- 7. The GAD 42 exhibits no interference to communication or navigation systems.
- 8. Pertinent details of this alteration are on file at this agency under work order numbered 216568.
- 9. A flight test was performed to confirm that the system operates properly, safely, in accordance with manufactures specifications, and is not a source of objectionable interference's
- 10. An operators handbook was provided.
- 11. Aircraft weight & balance was superceded.
- 12. Aircraft equipment list was revised.

END OF DATA

Instructions for Continued Airworthiness

- 1. Introduction: CESSNA S550 N72AM S/N S550-004.
- 2. Description: The GAD 42 interface provides a variety of electrical interfaces for product enhancement.
- 3. Control, Operation Information: Operate per manufactures Pilot Guide or quick reference guide.
- 4. Servicing Information: When service is required only the factory is authorized to repair the unit.
- 5. Maintenance Instructions: Periodic Maintenance of the GAD 42 is not required.
- 6. Trouble Shooting Information: See attached wiring diagrams provided.

Page 1

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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.

Description of Work Accomplished (If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work completed.)	
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the state of the s	
CESSNA S550	
N72AM S/N S550-004	
7. Removal & Replacement Info: When removing the GAD 42 from the console, remove adjacent	
units before attempting to remove GPS to allow room to disconnect the electrical connectors. Reverse removal instructions when installing unit.	
8. Diagrams: None required	
9. Special Inspection requirements: None required	
10. Application of Protective Treatments: None required	
11. Data: As listed on above 337.	
12. List of Special Tools: None required	
13. For commuter category aircraft: Not Applicable14. Recommended Overhaul Periods: There are no additional overhaul time limitations.	
15. Airworthiness Limitation Section: System not approved for IFR navigation.	
16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337	
and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the	
following statement:	
"The attached revised / new Instructions for Continued	
Airworthiness (date) for the above aircrast or component major alteration have been accepted by the FAA.	
superseding the ICA (dated)." Once the revision	
has been accepted, a maintenance record entry will be made,	
identifying the revision, its location, date of the Form 337."	
Page 2	

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☐ 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

Federal Aviation Administration	, (Airraille, Powerpian	•				Office Identifica	5 6.	16		
and disposition	DNS. Print or type all entries. See FAR 43. on of this form. This is required by law (49 to n violation (Section 901 Federal Aviation Act	J.S.C. 1421).	pendix B. a Failure to	and AC43.9-1 (c report can resul	or subsequent revi It in a civil penalty	sion thereof) for not to exceed \$	instructions 1000			
4 Airere	Make CESSNA			Model S550						
1. Aircraft	Serial No.									
	\$550-004		United States N72AM							
2. Owner	Name (As shown on registration certificate) J R TOMKINSON INC			Address (As shown on registration certificate) 1401 DOVE ST NEWPORT BEACH CA 92660						
comply with	cal data identified herein has been four applicable airworthiness requirement by approved for use only on the above aircraft, subject to comformity inspection. Section 43.7 AWP-FSDO-05 Signature OCT 0 2 2006	on by KENI AVIA	FSDO	BROCK FETY INSP						
		4. Unit lo	lentificatio	n			5. Type	Alteration		
Unit	Make	<u> </u>	Mode	<u> </u>	Serial N	Serial No. Repa				
AIRFRAME	(A	ls describe	ed in Item	1 above)				X		
POWERPLA	ANT									
PROPELLE	R									
APPLIANCE	Туре									
	Manufacturer									
		. (6. Conform	nity Statement						
A. Agency's	s Name and Address		B. Kind of			C. Certificate	No.			
19711	N AVIONICS, INC. CAMPUS DR. ANA, CA 92707 7L		Forei	Certified Mechagn Certified Medified Repair Stati	YH3R997L					
attachme	y that the repair and/or alteration ma ints hereto have been made in accord the information furnished herein is tru	lance with	the requir	ements of Pa	pp×43 or the ψ. τ	escribed on the S. Federal Avi	e reverse (ation Regi	or ulations		
Date	10/02/06		gnature of A	Authorized Indivi SON	idual	>				
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Pursuant Administ	to the authority given persons speci rator of the Federal Aviation Adminis	fied below. tration and	the unit io	dentified in ite APPROVED	m 4 Ivas inspe	Cted in the ma	mmer pres	cribed by the		

Inspection Authorization

Manufacturer

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.)

TAS INSTALLATION

- Installed BFG SKY 899 TAS system in space provided located in the rear avionics bay at station 359.10 referenced to STC #ST01552CH-D and the Manufacturers Installation Manual #009-11900-001 Rev. A, dated Sept. 4, 2001.
- 2. The SKYWATCH is displayed on the GNS 530 display.
- 3. The NY-164 Antenna is located on top of the aircraft at station 374.0. For further details on its mounting and doubler plate see BFG Antenna Installation Drawing # AV550-106 dated 10-22-93 and Acceptable Methods, Techniques, and Practices of AC 43.13-2A Chapter13. This Antenna is sealed with MIL S-8802 type sealant.
- 4. Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-1B Chapter 7, section 2, 3,4,5; Chapter 11, section 1, pars. 1, 2, 7, section 3, pars. 30, 31, 32, 33 section 7, AC 43.13-2A Chapter 2, pars. 21-27; Chapter 13, pars. 261-263.
- The BFG SKY 899 is protected by 5 amp circuit breakers located on the copilot circuit breaker panel. Maximum electrical load did not exceed 80% of the generating capacity of the electrical charging system.
- 6. Continued Airworthiness Instructions: The BFG SKY 899 TCAS is designed and manufactured to allow "on condition maintenance."
- Maintenance shall be performed as stated in BFG Maintenance Manual # 009-11900-001 and ICA contained below.
- 8. Pertinent details of this alteration are on file at this agency under work order numbered 216568.
- Ground and flight checks made and TAS exhibits no interference to other communications or navigation systems.
- 10. The TAS will not cause a hazard to other aircraft systems, to the operation of the aircraft, or its occupants.
- 11. FAA approved Aircraft Flight Manual Supplement dated: OCT 0 2 2006 was installed into the Pilots Operating Handbook.
- 12. Aircraft weight & balance was revised.
- 13. Aircraft equipment list was revised.

END OF DATA

Instructions for Continued Airworthiness

- 1. Introduction: CESSNA S550 N72AM S/N S550-004.
- 2. Description: The Skywatch System is an on-board traffic advisory system.
- 3. Control, Operation Information: Operate per manufactures Pilot Guide or quick reference guide.
- 4. Servicing Information: None required.
- 5. Maintenance Instructions: At regular inspection intervals, do the periodic maintenance procedures of paragraph 4.3.1 thru 4.3.3.
- Trouble Shooting Information: See attached wiring diagrams provided.
- Removal & Replacement Info: When removing the Skywatch from the console, remove adjacent
 units before attempting to remove processor to allow room to disconnect the electrical connectors.
 Reverse removal instructions when installing unit.
- 8. Diagrams: None required
- Special Inspection requirements: None required

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 date work completed.)
the state of the s
CESSNA S550
N72AM S/N S550-004
10. Application of Protective Treatments: None required
11. Data: As listed on above 337. 12. List of Special Tools: None required
13. For commuter category aircraft: Not Applicable
14. Recommended Overhaul Periods: There are no additional overhaul time limitations.
15. Airworthiness Limitation Section: None required.
16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337
and revised ICA. The FAA inspector accepts the change by signing Block 3 and including the
following statement:
"The attached revised / new Instructions for Continued
Airworthiness (date) for the above aircraft or
component major alteration have been accepted by the FAA,
superseding the ICA (dated)." Once the revision
has been accepted, a maintenance record entry will be made,
identifying the revision, its location, date of the Form 337."
PAGE 2

☐ Additional Sheets Are Attached

• 4	
U.S	6. Department
of T	ransportation
Fed	leral Aviation
Ad	ministration

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

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

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

				equired by law (49 t ederal Aviation Act		21). 1	Failure to re	eport can result	in a c	civil penalt	y not to exceed	\$ 1000		
	Make CESSNA	*						Model S550						
1. Aircraft	Serial No.							Nationality and I	Registi	ration Mark				
	s550-0	04						United S	stat	es	N72AM			
2. Owner	Name (As s J R TO			tration certificate) INC		Address (As shown on registration certificate) 1401 DOVE ST NEWPORT BEACH CA 92660								
ne technic	al data ider	ntified	herei	n has been foun	d to	3.	For FAA U	se Only						
nd is herel es cribed a	by approve	d for u lect to .7 A	se or com WP-F	ess requiremente nly on the above formity inspectio SDO-05 Signature	n by			. BROCK AFETY INSP O	•					
					4. Uni	t Ide	ntification					5. Type	<u>′</u>	
Unit			Mal	(e			Model			Serial	No.	Repair	Atteration	
AIRFRAME				(A	s descri	ibea	in Item	1 above)					X	
POWERPLA	ANT													
PROPELLE	R													
APPLIANCE Type Manufacturer		r	. ,									3		
······································					<u></u>	6.	Conformit	y Statement						
A. Agency'	s Name and	Addres	ss			E	3. Kind of A	gency			C. Certifica	ite No.		
	INOIVA N					U. S. Certified Mechanic				YH3R997L	YH3R997L			
	CAMPUS D ANA, CA 71.		07			Foreign Certified Mechanic X Certified Repair Station Manufacturer								
D. I certif	y that the r	have	been	or alteration made made in accord hed herein is tru	iance wit	h th	(s) identi e require	fied in item 4	ر 43 ا	Prine U.	escribed on t S. Federal A	he reverse o viation Regu	r lations	
Date	10/00	2/	06			_	nature of Au	uthorized Individual	dual					
	1	1	<u> </u>		7. App	orov	al for Retu	rn to Service	7					
				n persons specif viation Administ				ntified in iter APPROVED	n 4 V	REJE	ected in the m	nanner preso	ribed by the	
	FAA Fit. Stand	ards		Manufacturer		Insp	ection Autho	rization	-1	Other (Sp	ecify)			
BY	Inspector FAA Designee		x	Repair Station		Pers	on Approve	d by Transpor	\nearrow					
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10	102/0	<u> </u>		YH3R997L		ST	AN ERICK	SON (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.) STORMSCOPE INSTALLATION

- Installed BFG Stormscope System WX 500 S/N 90259 at rear avionics bay at station 378.0 with reference to STC SA00925CH and per installation manual #009-11500-001 Rev. B, dated June, 1999.
- The NY-163 Antenna is located on the bottom of the aircraft at station 473.0. For further details on its mounting and doubler plate see BFG Antenna Installation Drawing # AV550-106 dated 10-22-93 and Acceptable Methods, Techniques, and Practices of AC 43.13-2A Chapter 13. This Antenna is sealed with MIL S-8802 type sealant.
- 3. The BFG WX 500 is protected by 5 amp circuit breakers located on the pilot's circuit breaker panel. Maximum electrical load did not exceed 80% of the generating capacity of the electrical charging system.
- 4. The WX 500 is coupled to the GNS 530 and 430A display.
- Installation conforms to Acceptable Methods, Techniques, and Practices of AC 43.13-1B Chapter 7, section 3,4,5; Chapter 11, section 1, pars. 1, 2, 7, section 3, pars. 30, 31, 32, 33 section 7, AC 43.13-2A Chapter 2, pars. 21-27; Chapter 3, pars. 36-38, 44; Chapter 11, pars. 211-214; Chapter 13, pars. 261-263.
- Continued Airworthiness Instructions:
 The BFG WX 500 is designed and manufactured to allow "on condition maintenance."
 Maintenance shall be performed as stated in WX 500 Maintenance Manual # 009-11500-001. See ICA below.
- Ground and flight checks made and Stormscope exhibits no interference to other communications or navigation systems.
- 8. The Stormscope will not cause a hazard to other aircraft systems, to the operation of the aircraft, or its occupants.
- 9. Pertinent details of this alteration are on file at this agency under work order numbered 216568.
- 10. An operators handbook was provided.
- 11. Aircraft Weight & Balance was superseded.
- 12. Aircraft equipment list was revised.

END OF DATA

Instructions for Continued Airworthiness

- 1. Introduction: CESSNA S550 N72AM S/N S550-004.
- 2. Description: The WX 500 is an on-board weather display product used to identify and display nearby magnetic energy.
- 3. Control, Operation Information: Operate per manufactures Pilot Guide or quick reference guide.
- 4. Servicing Information: Refer to the installation manual 009-11500-001 section 2.11 page 8.
- 5. Maintenance Instructions: Periodic Maintenance of the WX 500 is not required per para 1.9 of the installation manual.
- 6. Trouble Shooting Information: See attached wiring diagrams provided.
- 7. Removal & Replacement Info: When removing the WX 500 from the console, remove adjacent units before attempting to remove WX 500 to allow room to disconnect the cooling tube and the electrical connectors. Reverse removal instructions when installing unit.
- 8. Diagrams: None required

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.

escription of Work Accomplished	
I more space is required, attach additional sheets. Identify with aircraft nationality and	registration mark and date work completed.)
The sales of the s	
CECCNA CEEO NIZAMA CAN CEEO COA	
CESSNA S550 N72AM S/N S550-004	
9. Special Inspection requirements: None required	
10. Application of Protective Treatments: None required	
11. Data: As listed on above 337.	
12. List of Special Tools: None required	
13. For commuter category aircraft: Not Applicable	
14. Recommended Overhaul Periods: There are no additional overhaul tir	
15. Airworthiness Limitation Section: The WX 500 can only detect signal	ls if they are received.
16. Revision: A letter will be submitted to the local FSDO with a copy of	the revised FAA Form 337
and revised ICA. The FAA inspector accepts the change by signing E	Block 3 and including the
following statement:	tinuad
"The attached revised / new Instructions for Cont Airworthiness (date) for the above airc	
Airworthiness (date) for the above airc component major alteration have been accepted by t	
superseding the ICA (dated)." Once the re	
has been accepted, a maintenance record entry will l	
identifying the revision, its location, date of the For	rm 337."
Page 2	
****** NOTHING FOLLOWS *****	*****
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US Department of Transportation Federal Aviation Administration

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

Form Approved OMB No. 2120-0020

For FAA Use Only

Office Identification

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

					rm is required by law I Federal Aviation Ac			1421). Failure to	report can i	result in a civil pe	nalty not to ex	ceed \$1,00	00	
		$\overline{}$	lake	ssna	<u> </u>			Model S550						
1. Air	craft	s	erial No. S55	50-0	004		Nationality and Registration				Mark			
2. Ow	ner/	N			n registration certifica nkinson Inc.	ate)	Address (As shown on reginated 1401 Dove St. Newport Beau							
						3	3. For	FAA Use Only	<u> </u>			_		
							I. Uni	t Identification				5. Type		
(Unit			Ma	ke			Model		Seria	l No.	Repair	Alteration	
AIRFRAME (As d							escrit	oed in item 1 a	above) 👡				×	
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Sie	rra Ir	nduştr	ies Ltd	_				U.S. Certificated			SI6R285J			
122 Uv:	2 Hov alde.	ward L Texas	angford Dri 78801	ive				Foreign Certifica			Limited Airframe Limited Powerplant			
	•						<u> </u>	Certificated Rep	air Station		Limited Radio			
ł	have t	oeen ma	ade in accorda	ance	teration made to the with the requirement	s of P	art 43	of the U.S. Fed					reto	
					——————————————————————————————————————	KIIOWI								
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BY		FAA FI	lt. Standards tor		Manufacturer		Insp	ection Authoriza	ation	Other (Specify)				
		FAA D	esignee	X	Repair Station		Pers Can	on Approved by adian Airworthir	/ Transport ness Group					
	of Ap	•	or Rejection		Certificate or Designation No. SI6R285J		Signature of Authorized Individual Robert L. Montgomery							
							l	WODELL F. MOI	ngomery		~()		j	

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.

Modified the existing cockpit glareshield by installation of an annunciator support. Installed the annunciators, fire warning switch annunciators to the modified glareshield. Modification performed using Sietra Industries Ltd. Drawings Si430-100 Rev. A dated 4/22/2004 and Drawing Si430-110 Rev. A dated 4/22/2004. Approved by FAA Form 8110-3 dated August 24, 2006 signed by R.M. Howard Structures DER # DERT.710134-SW. Structural Substantiation of the Glareshield modification was performed per Aerodesign Aircraft Engineering., Inc Report \$5110-1 Rev. It dated 6/7/2004. Approved by FAA Form 8110-3 dated August 24, 2006 signed by R.M. Howard Structures DER # DERT.710134-SW. Installer will install the Glareshield IAW Sierra Industries, Ltd. Drawing Si430-100 Rev. A. dated 4/22/2004. Functional checks of annunciator and fire warning switches to be performed in accordance with Cesana Citation Maintenance Manual Respective Chapters before approval for return to service. Pertinent details of this modification are on file with Sierra Industries, Ltd. under Work Order Number# 472-08-2006. - END	8. Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)									
-110 Rev. A dated 4/2/2004. Approved by FAA Form 8110-3 dated August 24, 2006 signed by R.M. Howard Structures DER# DERT-710134-SW. Structural Substantiation of the Glareshield modification was performed per Aerodesign Aircraft Engineering., Inc Report #5110-1 Rev. IR dated 57//2004. Approved by FAA Form 8110-3 dated August 24, 2006 signed by R.M. Howard Structures DER# DERT-710134-SW. Installer will install the Glareshield IAW Sierra Industries, Ltd. Drawing SI430-100 Rev. A. dated 4/22/2004. Functional checks of annunciator and fire warning switches to be performed in accordance with Cessna Citation Maintenance Manual Respective Chapters before approval for return to service. Pertinent details of this modification are on file with Sierra Industries, Ltd. under Work Order Number# 472-08-2006. END	Modified the existing cockpit glareshield by installation of an annunciator support. Installed the annunciator, fire									
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	U.S. Department of Transportation Federal Aviation Administration AUG 24 2006									
	AUG 24 2006									
STATEMENT OF COMPLIANCE WITH THE FEDERAL AVIATION REGULATIONS Aircraft or Aircraft Component Identification										
CESSNA	Model No.	Type (Allplane,	, Hadio, Helicopter, etc.)	Name of Applicant						
AIRCRAFT	S550		AIRPLANE	SIERRA						
Altivitati	3000	I LIST OF DATA		INDUSTRIES						
Identification										
1 Grant Gran			Title							
SIERRA INDUSTRI	ËS LTD.									
DWG. SI430-100,	CESSNA CITATION	GLARESHIELD	MODIFICATION							
REV. A, 4-22-04										
T1110 01100 110										
DWG. \$1430-110,	DETAILS - CESSNA	CITATION GLA	RESHIELD MODIFICATION							
REV. A, 4-22-04										
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	Note: The at	ove data and this a	pproval cover only the glareshield modific	cation and						
			es not provide for other items such as elec							
			tact the FAA for clarification or requirement							
	STRUCTURAL APPROVAL ONLY									
	1.7.14.110770 001077									
	only for Model S550, S/N S550-0004, N72AM									
Purpose of Data										
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		1 tan 17 17 1 to 1 19 to								
Applicable Requiren	ments (List specific sections)	.)								
			(c), 25.601, 25.603(a)(b)(c), 25.60	05(a),						
25.607(c),	25.613(a)(b)(c)(d)(e), 25.61	15(a)(b), 25.625	(a)(c), 25.789(a)							
	The state of the s									
In accordance w	with the aircraft's original cer	tification basis	per the TCDS A22CE.							
CERTIFICATION - ur	ider authority vested by dire	ection of the Agr	ministrator and in accordance							
Willi iimilalions oi aj dete lieted shove and	ppointment under Part 183	3 of the Feder	al Aviation Hegulations,							
			have been examined in							
of the Federal Aviatio	ablished procedures and four	na to comply wi	tn applicable requirements							
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1 (440) 1110101010	X Approve these	data								
	Applote illese	uaia								
Signature(s) of Desig	nated Engineering Represe	ntatives	Designation Number(s)	Classifications						
<u> </u>		1/1	Boolgitation (15.1155.45)	Olassination, s						
R.M. Howard, Jr.	toland / Nor	tarolf	DERT-710134-SW	Structures						
	<u> </u>	- V								

FAA Form 8110-3

Sierra Industries Ltd. Document Number SDS550-0004ICA 122 Howard Langford Drive Uvalde, Texas 78801 CRS# SI6R285J

Instructions for Continued Airworthiness Cessna S550 S550-0004

Glareshield Modification

- 1. <u>Introduction:</u> This Cessna S550 aircraft has been altered by the installation of the aircraft's existing annunciator panel, fire warning switches, thrust reverser switches and annunciators in the glare shield.
- 2. <u>Description</u>: The modification consists of the existing glare shield, annunciator panel, thrust reverser switches/annunciators, and fire warning switches.
- 3. <u>Control, operational information</u>: The annunciator, thrust reverser switches/annunciator, and fire warning switches in the glareshield will provide the pilot with a better view of the annunciators and warning systems. It will also provide easier access to the firewall shutoff valves and thrust reverser stow and deploy switches.
- 4. <u>Servicing Information:</u> Not applicable. Annunciators, switches, and lights are replaced "On Condition".
- 5. <u>Maintenance Instructions</u>: In order to remove the Annunciator from the glareshield, remove the access panel underneath the glareshield, remove the four retaining screws on upper side of glareshield and disconnect the connector. Annunciator lights are removed after the annunciator box is removed and access is gained through the opening left by the annunciator. Support the annunciator box during this removal process. Failure to do so will result in damage to the annunciator.
- 6. <u>Troubleshooting Information:</u> Troubleshooting information is available in the Cessna Citation S550 Maintenance Manual.
- 7. Removal and replacement information: In order to remove the Annunciator from the glareshield, remove the access panel underneath the glareshield, remove the four retaining screws on upper side of glareshield and disconnect the connector. Annunciator lights are removed after the annunciator box is removed and access is gained through the opening left by the annunciator. Support the annunciator box during this removal process. Failure to do so will result in damage to the annunciator.
- 8. Diagrams: Not applicable.
- 9. Special inspection requirements: Not applicable.
- 10. Application of special treatments: Not applicable.
- 11. Data: Not applicable.
- 12. List of special tools: Not applicable.
- 13. <u>Commuter Category:</u> Not applicable.
- 14. Recommended overhaul periods: No additional overhaul time limitations.
- 15. <u>Airworthiness Limitations:</u> No additional airworthiness limitations.
- 16. <u>Revisions:</u> These ICA may be revised by submitting a letter and FAA Form 337 to the Flight Standards District Office.

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US Depart of Transpor	
Federal A	• •

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

Form	Appr	oved	
OME	No.	2120	-0020

MB No. 2120-0020 For FAA Use Only R W

Office Identification 50-13

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

100	eacn suc	n violation (Sec	CHO	901 Federal Aviat	on Act	01 19	958). 					i	
		Make Cessr	na					Model S550					
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				on registration cer	tificate	1	• • • • • • • • • • • • • • • • • • • •	Address (tration co	ertificate)		
.2. O	wner			e Mills Inc.	·		Address (As shown on registration 506 South Broad S Monroe, GA 30655			ad St. I	t. PO Box 1109		
						3. F	or FAA Use O	nly	· · · · · · · · · · · · · · · · · · ·				
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	1/30/	2002				James Glover James Alexan							
					7. Ap	prov	al for Return T	o Service					
Pu Ad	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												
ВҮ). I	Fit. Standards ector		Manufacturer		Insp	ection Authoriz	ation	Other (Specify)				
	<u> </u>	Designee	X	Repair Station		Pers Can	son Approved b ada Airworthin	y Transport ess Group		. *			
Date of Approval or Rejection Certificate or Designation No.					Signature of Authorized Individual								
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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 applicable airworthiness requirements.

8. Description of Work Accomplished (If more space is required, attach additional sheet. Identify aircraft nationality and registration mark and date work completed.)

MAKE: CESSNA

MODEL: S550

N72AM

S/N: \$550-0004

DATE: 1/30/2002

INSTALLED NOSE RADOME QUICK RELEASE MECHANISM IN ACCORDANCE WITH SIERRA INDUSTRIES INC., DRAWING LIST NO. SI160-000, REVISION B, DATED JULY 13, 1992 PER STC #SA8437SW.

THE WEIGHT AND BALANCE IS NEGLIGIBLE. THE EQUIPMENT LIST HAS BEEN REVISED. A LOGBOOK ENTRY HAS BEEN MADE.

END

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

Form Approved Evely Eureau No 14-R060.1 FOR FAA USE C. A.

OFFICE IDENTIFY

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

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.

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

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

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US Depa of Transp	rtme orto	nt tion
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MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

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

Administration	41	<u>V. 1900</u>						AFA-F	SDO-25			
and disposit	ion of this form. I	e all entries. See FAR his report is required on 901 Federal Aviati	by law	(49 L	J.S.C. 1421). Fa	nd AC 43 ilure to r	.9-1 (or subsequer eport can result in	nt revision t a civil pena	hereof) for in Ity not to exc	str.:ctions eed \$1,000		
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1. Aircraft		essna			<u> </u>		\$550					
	Serial No.				,	Nationa	lity and Registration					
	8.	550-0004			for the second of	·	U.S.A.		ZAM .			
	Name (As show	n on registration cert	tificate) .		Address	(As shown on reg	istration c	ertificate)			
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Z. Owner			. ,		665 1		x 1109			•		
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4				3. F	or FAA Use Or			-				
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	<u> </u>		6.	Cor	formity Staten	rent						
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Newburgh.	NY 12550				Manufacturer			l		Ę		
have been	made in accorde	or alteration made to ance with the require d correct to the best o	ments	of Pa	rt 43 of the U.S	14 above 3. Federa	and described on I Aviation Regulati	the reverse ons and th	or attachmer at the inform	nts hereto ation		
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			7. Apr		for Return To			- <u>300</u>	CC R. FIA	-venzie		
Pursuant to	the authority give	en persons specified viation Administratio	below	, the		in item	4 was inspected i	n the man	ner prescribe	d by the		
FAA	Fit. Standards	Manufacturer	1 1		ection Authorize		Other (Specify)			•		
FAA	Designee	Repair Station		Perso	on Approved by da Airworthine	Transpor s Group	t			ì		
Date of Approve Septembe	al or Rejection r J5, 1992	Certificate or Designation No. 2014804		Sign	ature of Author	. /	aren Je	ffrey E	. Carey	:		
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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.

Description of Work Accomplished
(If more space is required, attach zdditional sheats, identify with aircraft nationality and registration mark and date work completed.)

- Removed obsolescent Foster Airdata Systems Loran C antenna P/N 805C0520 and existing doubler with associated hardware.
- Installed product improved Foster Airdata Systems Loran C NY153 High Speed Blade Antenna/Preamplifier Unit P/N 805C0565-01.
 - Doubler fabricated in accordance with Cessna TCA22CE Rev 35 Drawing #C120017 to pick up existing rivet lines on adjacent stringers.
 - 2b) Antenna/preamplifier and doubler with associated hardware installed in accordance with Foster Airdata Systems installation bulletin #1B-1028, dated 5/86 RLP and Cessna Drawing #C120017 and AC43-13.2A Figure 3.6, Page 15, Para 38.b 1-4, Page 15.
- Ground operational test performed satisfactorily.
- As propriate aircraft record entries completed.

RE N-2AM-1-21-92

iransesta 1885, del Aventro Distribucato con escular qui tomento da qui principal del considera del considera Sensi del 1891, en 1885 del Romonio del comenzo del 1885, del comenzo del 1885 del considera del considera del The minimum and the same of the state of the POUS A GO N. S. P. S. BVOX DE Additional Sheets Are Attached

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INSTRUCT	IONS: Print or t	ype all	entries. See FAR 4	3.9, FA	R 43	Appendix B, an	d AC 43.9-1	(or subsequent re	vision thereof) for instr	ections	
and disposit	MAKE		· · · · · · · · · · · · · · · · · · ·				MODEL	550				
ì. AIRCRAFT	SERIAL NO.	sna						Y AND REGISTRA	TION MARK			
	SEHIAL NO.	S550	0-0004					N554CA				
	NAME (As she	wn on	registration certifica	te)	1			s shown on regist	ration certifica	ite)		
2. OWNER	Cessna	Air	craft Co.		i			ox 7706 a, KS 6727	7	→'		
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•	CERTIFICATE	NO. Y				MANUFACTURER			<u> </u>	PECIALIZED :		
D. I certif	y that the rep nents hereto has t the information	air an ive be n fum	d/or alteration n en made in accor ished herein is true	nade to dance and o	o the with	unit(s) ident the requirement to the best of	ified in ite ents of Part my knowledg	m 4 above and 43 of the U.S. I c.	described o ederal Avia	n the rev tion Regu	erse o	
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Pursuant t	o the authority	given	nament energifier	below	, the	FOR RETURN TO unit identifie	d in item 4	was inspected i	n the mann	er prescri	ibed b	
the Admin	istrator of the Re	deral	Aviation Administr	ration a	inci is	APPROVE) KEJECI	OTHER (Specify)			٠.	
BY IN	SPECTOR	+			CAN	ADIAN DEPARTMENT		4			ī.	
FA	A DESIGNEE	X	REPAIR STATION	- 1		RANSPORT INSPECTO			-			

DATE OF APPROVAL OR REJECTION 4-22 92 FAA Form 337 (7-67)

CERTIFICATE OR DESIGNATION NO. YRRR491L

(8320) RCDS-75

FAA AIRCRAFT REGISTRY CAMERA NO. R DA DATE: 8-26-92

RECEIVED

Weight and balance on 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.

5.15.22 \	······
B. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets.)	•
The repairs accomplished on this unit are summarized as follows:	
1. INSPECTED AND REPAIRED FOR ITT PERFORMANCE ADJUSTED TRIMMER TO 27.9 OHMS.	
7 TESTED.	· · · · · · · · · · · · · · · · · · ·
3. ALL WORK ACCOMPLISHED IAW MANUFACTURER'S SPECIFICATIONS	·
4	
5.	
6.	
Service Bulletins, Modifications and Airworthiness Directives accomplished:	
NONE	٠
The following Major Repairs and Supplemental Type Certificate changes have been incorporated:	
NONE	
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and the property of the second constant of the second of t	
This Engine/Module and/or Appliance has been repaired and inspected in accordance with current re Federal Aviation Administration and is approved for return to service.	gulations of the
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
TI: CSN: TSO: N/A CSO: N/A	Andrew State of the Control of the C
Pertinent details of this repair are on file at this Repair Station under Work Order No. FR 8609	<u> </u>
	· Mariak
NO FURTHER STATEMENT TO FOLLOW	and the first of the second
☐ ADDITIONAL SHEETS ARE ATTACHED	
	9. GPC 1981 - 775-332/47

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U S Depa of Transi		

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 F. MR 43.9, FAP 43 Appendix B, and AC 43.9-1 (or subsequent revision of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

Make

		Make Cessna	,					Model S	550		•	4
1. Airc	ra≀.	Serial No. S550-0						Nationali	ty and Registration N72AM	Mark		
 -				n registration cert	ificate)				(As shown on regis	tration ce	rtificate)	·
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Date						Sign	ature of Auth	norized In-	tividual			
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ВΥ	FAA	A Designee	х	Repair Station		Cana	on Approved I ida Airworthir	ness Group	<u></u>	1/2	(C) -	94. 0
	of Appro -9-92	val or Rejection	1	Certificate or Designation No. CNQR918C		1	ature of Auth		dividual Richae	d des	Alexander present	٠ و٠

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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. Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.) Installed an electric elevator trim switch on the copilots control wheel per Cessna drawing number C10S550 and Engineering order number 110. The pilots electric elevator trim switch, however, has priority and will operate the trim interrupting and overriding actuation of the copilots switch. Both control wheels contain the trim disconnect function, full time, for the trim runaway condition Added Supplement 13, revision 1 dated 22 December 1987 to the aircraft Flight Manual. Weight and Balance change was negligible.

Additional Sheets Are Attached

The state of the s

NUMBER CHANGED TO 554CA DATE 27 JM 07-92

COMPANION.

October 15, 1991

-64 B30CB

27 OCT 25 91

MITN: Nancy Brown

FAA Aircraft Registry P.O. Box 25504 Oklahoma City, CK 73125 RESERVE N 830CB

20 NT 214

cy:

CHANGE Registration Number N830CB to N554CA (currently or erve in our name), on the following aircraft:

Cossna Citation Model: S550 (Serial Number: S550-0004 No egistered: N830CB

issuing your For 3050 4 to the attention of Dian Lessine as soon as possible.

When registration number N830CB has been removed from the above aircraft, pressure the number in the name of:

Plastene Supply mpany 101 Meatte Set Portageville, M 63873

The \$10.00 fee for this transaction enclosed.

Sincerely,

Dian Lessine

Dian Lessine Administrator, Used Aircraft 316/941-7978

/dow

Enc.

cc: Plastens Supply Co-

SPEC # ED 10.00 0586 002 10/16/91

7

Citation Marketing Cesana Aircraft Company
P.O. Box 7706, 1 Cesana Boulevard, Wichita, Kansas 67277-1708, 316/941-6000

@
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

ACE-FSDO-07

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Repair St.	ation CNQI	k9 Ï i	3Č				Foreign Certifi					
P.O. Box Wichita,		7					Certificated Re	pair Station	١	CNQF	1918C	
wichitea,	. 0727	<u> </u>				Manufacturer						
D. I certify th	at the repair ar	id/or	alteration made (lout	ne uniti	(s) ic	lentified in ite	m 4 above	and described	on the reverse	orallachme	nts hereto
			ce with the require					S. recera	ii Aviation Regu	ations and tr	iat the intorn	nation
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FAA Form 337 (12-88)

NOTICE

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

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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.

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

THE FOLLOWING EQUIPMENT WAS INSTALLED:

- 1 each WX-11J Ryan Stormscope system.
 - a. Display was installed in instrument panel.
 - b. Processor unit installed in forward luggage compartment.
 - c. Antenna installed on bottom of fuselage just forward of cabin door.

Installations were performed in accordance with manufacturer's specifications.

Wire used in installations meets mil specifications M22759.

RFI test conducted. Results show no interference with existing systems caused by added equipment.

Added equipment does not cause power consumption in excess of 80% of the rated maximum load.

New weight and balance computed to reflect added equipment.

Installation is in compliance with FAA AC43.13-1A Chapter 5, Section I and Chapter 11, Sections 2, 3, 4, 5 & 7.

Installation is in compliance with FAA AC43.13-2A Chapter 3, Paragraphs 43 & 44.

OKEAHORA CITY, OKEA.

BB. MA so N ES MAL

ADDITIONAL SHEETS ARE ATTACHED

C PAA AC 78-4908

± U.S. GPO: 1981 - 775-332/47

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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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Additional Sheets Are Attached

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DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration as k and date work completed.) Installed LNS616A, Long Range Navigation System with approved data for S.T.C. Foster Air Data Systems S.T.C. 679GL and C120002-1 and CA20003-1 drawings. Weight and Balance revised. Flight Manual Supplement added to Flight Manual.

ADDITIONAL SHEETS ARE ATTACHED

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